



Joshua Sweeney
Mayor

Don Caskey
Mayor Pro Tempore

Jared Mathis
Council Member

Erica Pezold
Council Member

Dave Wheeler
Council Member

City of Laguna Hills City Council / Planning Agency

Regular Meeting Agenda
Tuesday, October 14, 2025 - 6:00 PM
(Closed Session at 5:00 p.m. when scheduled)

City Council Chamber
24035 El Toro Road
Laguna Hills, CA 92653

In Person Public Comments: Any person wishing to address the City Council/Planning Agency on any matter, whether or not it appears on this Agenda, is asked to complete a pink "Request to Speak" form available on the table at the back of the Chamber and submit the form to the City Clerk. The Request to Speak form assists the Mayor in ensuring that all persons wishing to address the City Council are recognized and ensures accurate identification of meeting participants in the City Council/Planning Agency Minutes. Completion of the form is voluntary. It is City policy to limit public testimony to up to three minutes per person, as determined by the Mayor, and a total time limit of thirty minutes for Public Comments. If you are commenting on an Agenda item, your comments will be heard at the time that item is scheduled on the Agenda. If you are addressing the City Council on an item not listed on the Agenda, the City Council is prohibited by law from discussing or taking any action on that item.

Submission of Electronic Public Comments: Those wishing to make electronic public comments may submit their comments by [email to the City Clerk](#) no later than 2 hours prior to the meeting on Tuesday, October 14, 2025. In the subject line of the email, please state your name and the item number you are commenting on. Any public comment received that does not specify a particular agenda item number will be announced during the general public comment portion of the agenda. All comments received by the deadline on the date of the meeting will be provided to the City Council and will be provided for public inspection at the meeting. During the applicable agenda item, the City Clerk will announce the name of the sender and subject matter of all electronic comments received by the deadline on Tuesday, October 14, 2025. Email comments will NOT be read by the City Clerk during the meeting. Electronic public comments may only be submitted via email and comments via text and social media (Facebook, X (formerly Twitter), etc.) will not be accepted.

For questions or assistance, please contact the City Clerk's Office at (949) 707-2635 or via [email](#).

Closed Session - Convening at 5:00 PM

Call to Order

Resolution No. 96-04-09-1 established rules of decorum for public meetings held by the City of Laguna Hills. Resolution No. 96-04-09-1 is available on the table at the back of the City Council Chamber.

Roll Call of City Council Members

Announcement of Closed Session Item(s)

A. Public Employee Appointment and Employment

Pursuant to Government Code Section 54957(b)(1)
Title: City Manager

Public Comments on Closed Session Item(s)

Members of the public may address the City Council only on closed session items listed on this Agenda. Public Comments are limited to three minutes per person, as determined by the Mayor, and a total time limit of thirty minutes.

Convene into Closed Session

Reconvene to City Council Chamber

Closed Session Report

Recess

General Business Convening at 6:00 PM

Call to Order

Resolution No. 96-04-09-1 established rules of decorum for public meetings held by the City of Laguna Hills. Resolution No. 96-04-09-1 is available on the table at the back of the City Council Chamber.

Invocation: Mayor Pro Tempore Caskey

Pledge of Allegiance: Mayor Pro Tempore Caskey

Roll Call of City Council Members

1. Presentations and Proclamations

1.1 Laguna Hills High School Student Liaison Report

Recommendation: That the City Council receive a report from Laguna Hills High School Student Liaison Sophia Kim.

2. Schedule of Future Events

2.1 Schedule of Future Events

Recommendation: That the Community Services Director announce the upcoming meetings and events.

3. Public Comments

This is the time to address the City Council on any matter not listed on this Agenda that is within the subject matter jurisdiction of the City Council. Public Comments are limited to three minutes per person, as determined by the Mayor, and a total time limit of thirty minutes.

4. Consent Calendar

All matters listed under "CONSENT CALENDAR" are considered to be routine and will be enacted by one motion approving the recommendation listed on the Agenda. There will be no separate discussion unless Members of the City Council or City staff request specific items be removed from the Consent Calendar.

4.1 Waive Reading in Full of all Ordinances and Resolutions on the Agenda

Recommendation: That the City Council waive reading in full of all ordinances and resolutions on the agenda and declare that said titles which appear on the public agenda shall be determined to have been read by title and further reading waived.

4.2 Approval of Minutes for September 19, 2025, Special Meeting

Recommendation: That the City Council approve the City Council Minutes for the September 19, 2025, Special Meeting.

4.3 Approval of Minutes for September 23, 2025, Regular Meeting

Recommendation: That the City Council approve the City Council/Planning Agency Minutes for the September 23, 2025, Regular Meeting.

4.4 Approval of Minutes for October 7, 2025, Special Meeting

Recommendation: That the City Council approve the City Council Minutes for the October 7, 2025, Special Meeting.

4.5 Ratification of October 14, 2025 Warrant Register

Recommendation: That the City Council ratify the accompanying Warrant Register for the period from September 12, 2025, to October 2, 2025, in the amount of \$1,311,171.62.

4.6 Development Impact Fees Report for Fiscal Year 2024-2025

Recommendation: That the City Council approve the Fiscal Year 2024-2025 Development Impact Fees Annual Report pursuant to California Government Code Section 66006.

4.7 Annual Review of Investment and Portfolio Policy and Delegation of Investment Authority to the City Treasurer

Recommendation: That the City Council adopt a Resolution entitled: "A Resolution of the City Council of the City of Laguna Hills, California, delegating investment authority to the City Treasurer and approving a policy for the investment of City funds and rescinding Resolution No. 2024-10-22-1."

4.8 Proposed Amendment No. 1 to Amended and Restated Agreement to Commission Original Art Work for 3rd Battalion, 5th Marines Darkhorse Bronze Memorial Sculpture with Brittany Ryan Studio, LLC

Recommendation: That the City Council approve and authorize the Interim City Manager to execute Amendment No. 1 to Amended and Restated Agreement to Commission Original Art Work for 3rd Battalion, 5th Marines Darkhorse Bronze Memorial Sculpture with Brittany Ryan Studio, LLC.

4.9 Resolution of Opposition to Proposition 50

Recommendation: That the City Council adopt a Resolution entitled: "A Resolution of the City Council of the City of Laguna Hills, California, Adopting a Position of

Opposition to Proposition 50, "Election Rigging Response Act," on the 2025 California Statewide Special Election Ballot."

4.10 Multi-Way Stop Control at Bridlewood Drive and Vista Viejo Road

Recommendation: That the City Council adopt a Resolution entitled: "A Resolution of the City Council of the City of Laguna Hills, California, Designating the Intersection of Bridlewood Drive and Vista Viejo Road as a Multi-Way Stop Intersection and Authorizing the Installation of Multi-Way Stop Controls on Sunburst Avenue on Bridlewood Drive and Vista Viejo Road."

4.11 2025 Holiday Lighting and Decorations Agreement with Trovao and Associates, Inc. dba The Christmas Light Guy Company

Recommendation: That the City Council: 1. Waive competitive formal bidding requirements and procedures set forth in the City of Laguna Hills Municipal Code (LHMC) Section 3-08.090 with regard to approval of the proposed Holiday Lighting and Decorations Agreement with Trovao and Associates, Inc. dba The Christmas Light Guy Company, as it is hereby found and determined, pursuant to LHMC Section 3-08.110, that the recommended contract is for entertainment services and community support and 2. Approve the proposed Holiday Lighting and Decorations Agreement and authorize the Interim City Manager to execute the Agreement.

Items Removed from the Consent Calendar

5. Planning Agency

The Planning Agency is called to order only if there are items scheduled to be presented to the Planning Agency.

6. City Council Public Hearings

Public Hearing Item No. 6.1 will start promptly at 6:30p.m.

6.1 Second Public Hearing to Consider Composition of Districts for Commencing the Process to Transition to By-District Elections

Recommendation: That the City Council: 1. Receive and file districting public participation presentation prepared by the City's retained expert demographer National Demographics Corporation and 2. Conduct the Second Public Hearing necessary for commencing the process to transition to by-district elections, review and consider input regarding the composition of districts from interested members of the public, and provide further direction to City staff.

7. Administrative Reports

7.1 Interim City Manager

7.1.1 Review of Funding Needs for City-Owned Buildings, Streets, Parks, Open Spaces, and Other Infrastructure

Recommendation: That the City Council: 1. Receive and file the report concerning City-owned buildings and streets and 2. Direct the Interim City Manager to develop and release Requests for Proposals for the development of a Parks and Open Space Needs Assessment, and a Storm Drain and Bridge Infrastructure Needs Assessment.

7.1.2 Removal of Juniper Shrubs along Paseo de Valencia between La Paz Road and Alicia Parkway

Recommendation: That the City Council provide direction to City staff.

7.2 City Attorney

7.2.1 City Manager Employment Agreement

Recommendation: That the City Council adopt a Resolution entitled, “A Resolution of the City Council of the City of Laguna Hills, California, Approving and Authorizing the Mayor to Execute a New City Manager Employment Agreement.”

8. Matters Agendized and Presented by City Council Members

9. City Council Member Committee Reports

9.1 Committee Assignment Report

Recommendation: That the City Council receive reports from City Council Members on the City Council Committee Assignments listed in the staff report.

10. City Council Member Comments

Adjournment

The next Regular Meeting of the City Council/Planning Agency will be October 28, 2025, at 6:00p.m., in the City Council Chamber, located at 24035 El Toro Road, Laguna Hills, California.

CERTIFICATION

I, JENNIFER LEE, City Clerk of the City of Laguna Hills, do hereby certify that a copy of the foregoing Agenda was posted at Laguna Hills City Hall, Laguna Hills Community Center, and the Courtyard at La Paz Center by October 10, 2025, at 5:00p.m.



Jennifer Lee, CMC, City Clerk

It is the intention of the City of Laguna Hills to comply with the Americans with Disabilities Act in all respects. If as an attendee or a participant at this meeting you will need special assistance beyond what is normally provided, the City of Laguna Hills will attempt to accommodate you in every reasonable manner. Please contact the office of the City Clerk at (949) 707 2635. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to assure accessibility to this meeting.

Materials related to an item on this Agenda submitted to the City Council after distribution of the agenda packet are available for public inspection in the City Clerk's Office at 24035 El Toro Road, Laguna Hills, California, during normal business hours. In addition, such writings or documents will be made available for public review on the City's website at: <https://www.lagunahillsca.gov/supplementalagenda> and at the respective public meeting.

City Council Members receive no additional compensation or stipend as a result of simultaneously convening meetings of the Laguna Hills Planning Agency.



City of Laguna Hills City Council / Planning Agency Staff Report

Date: October 14, 2025
To: Mayor and Council Members
From: Holland Gannon, Community Services Director
Issue: Schedule of Future Events

Recommendation: That the Community Services Director announce the upcoming meetings and events.

Meetings:

Events, Communication, & Beautification Committee Special Meeting

Wednesday, October 20th, 10:00 a.m., Laguna Hills Civic Center Admin Conference Room

City Council/Planning Agency Regular Meetings

Tuesday, October 28th, 6:00 p.m., Laguna Hills Civic Center Council Chamber

Tuesday, November 18th, 6:00 p.m., Laguna Hills Civic Center Council Chamber

Traffic Commission Regular Meeting

Wednesday, November 19th, 6:00 p.m., Laguna Hills Civic Center Council Chamber

Events:

[Excursion to Queen Mary's Dark Harbor](#)

Friday, October 17th, 3:00 p.m. – 11:00 p.m., meet at Laguna Hills Community Center

[Circle of Friends Halloween Dance](#)

Friday, October 17th, 6:00 p.m. – 8:00 p.m., Laguna Hills Community Center Heritage Room

Harvest in the Hills

Saturday, October 18th, 4:00 p.m., Laguna Hills Community Center Town Green

[Excursion to San Juan Capistrano for the Historical Society's Ghosts & Legends Tour](#)

Friday, October 24th, 5:00 p.m. – 10:00 p.m., meet at the Laguna Hills Community Center

[Excursion to the Annual Historical Cemetery Tour at Long Beach Municipal Cemetery](#)

Saturday, October 25th, 8:00 a.m. – 5:00 p.m., meet at the Laguna Hills Community Center

Excursion to Union Station & Olvera Street

Sunday, October 26th, 8:00 a.m. – 6:00 p.m., meet at the Laguna Hills Community Center

Attachments:

1. Event Flyer(s)

Excursion to Queen Mary's Dark Harbor



Join the group on the van as we visit the return of Queen Mary's annual Halloween haunt Dark Harbor. The Queen Mary has become synonymous with ghost sightings, scares, and paranormal activity in Southern California in which was named one of the Top 10 Most Haunted Places in America by Time Magazine. The Spirits Rise once again at the Queen Mary and surrounding harbor as a massive Halloween festival featuring haunted mazes, experiences on-board the ship, hundreds of monsters, immersive attractions, live staged entertainment, resident DJ's, themed bars, and concession style grub. **Please note: No outside food or beverage are allowed inside the event. Costumes, masks, and props are strictly prohibited.** Participants meet at the Laguna Hills Community Center where City staff will provide transportation. No refunds or transfers for this event.

***Registration starts on August 12, 2025**

Class# 1771

10/17 3:00PM-11:00PM Friday

Fee: Resident \$50, Non-Resident \$55

Like us on  at www.facebook.com/lagunahillscscc

To register or for more information, please call (949) 707-2680 or visit www.lagunahillscsca.gov

CIRCLE OF FRIENDS HALLOWEEN DANCE



OCT

AT

17  6 PM

FREE
EVENT
REGISTER
ONLINE
CLASS
#1885

25555 ALICIA PKWY
LAGUNA HILLS, CA 92653
LAGUNAHILLSCA.GOV

DINNER
TREATS
DANCING
REFRESHMENTS

Harvest IN THE Hills



ENTERTAINMENT-FOOD-FUN

OCTOBER 18, 2025

25555 ALICIA PKWY ~ EVENT STARTS AT 4PM

Join the City of Laguna Hills and the Laguna Hills Chamber of Commerce on the Town Green for an evening filled with fall fun and family friendly activities.

4PM-6PM: Business expo, crafts, games, and more

6:15PM: Movie in the Park - Coco

Food will be available for purchase. Bring your chairs and blankets for the movie!

Sponsored by



Excursion to San Juan Capistrano for the Historical Society's Ghosts & Legends Tour



Venture with us to California's oldest residential street for an annual Halloween tradition. Hear ghostly visitors share their story of their time on this guided walk down historic Los Rios Street. The spooky tales will be a highlight of your holiday as it is considered the best ghost tour in Orange County! Light bites and beverages will be available for purchase, with proceeds benefiting the SJC Historical Society or there will be time to roam the downtown area. Be sure to dress in layers, bring plenty of water, and wear good footwear. Participants meet at the Laguna Hills Community Center where City staff will provide transportation. Call (949) 707-2680 for more information. **No refunds or transfers for this event.**

Class# 1772

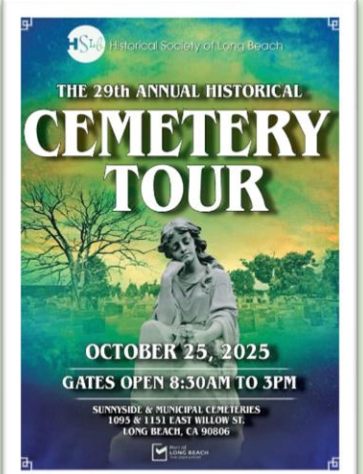
10/24 5:00PM-10:00PM Friday

Fee: Resident \$35, Non-Resident \$40

Like us on  at www.facebook.com/lagunahillscs

To register or for more information, please call (949) 707-2680 or visit www.lagunahillscsca.gov

Excursion to the Annual Historical Cemetery Tour at Long Beach Municipal Cemetery and Sunnyside Cemetery



Venture with us to Long Beach as the Historical Society holds the Annual Historical Cemetery Tour at some of the city's oldest cemeteries that include both Long Beach Municipal Cemetery and Sunnyside Cemetery. Event features graveside performances by community theater actors portraying the life of the person lying at rest. Actors perform in period-appropriate costumes. The event features a number of stories – some are individuals who helped shape the city's political past, others are ordinary people whose tales remind us that rich or poor, famed or nearly forgotten, everyone has a story to tell. Attractions include Japanese American History, a Dia de Los Muertos installation, talks by historians, authors signing local history books, and displays of Long Beach history. Be sure to dress in layers, bring plenty of water, and wear good footwear. Participants meet at the Laguna Hills Community Center where City staff will provide transportation. Call (949) 707-2680 for more information. **No refunds or transfers for this event.**

Class# 1773

10/25 8:00AM-5:00PM Saturday

Fee: Resident \$30, Non-Resident \$35

Like us on  at www.facebook.com/lagunahillssc

To register or for more information, please call (949) 707-2680 or visit

www.lagunahillsca.gov

Excursion to Union Station & Olvera Street



Join the group on the van for a self-guided tour of the historic Union Station in downtown Los Angeles. Bring plenty of water, snacks and a sack lunch to picnic or purchase at local food vendors while exploring Olvera Street on your own. Participants meet at the Laguna Hills Community Center where City staff will provide transportation. No refunds or transfers for this event.

***Registration starts on August 12, 2025**

Class# 1774

10/26 8:00AM-6:00PM Sunday

Fee: Resident \$20, Non-Resident \$25

Like us on  at www.facebook.com/lagunahillscs

To register or for more information, please call (949) 707-2680 or visit

www.lagunahillscs.gov

**City of Laguna Hills
City Council
Special Meeting
Minutes
Friday, September 19, 2025**

Call to Order

The meeting was called to order at 11:01 p.m. by Mayor Sweeney.

Roll Call of City Council Members

Present:

Mayor Joshua Sweeney
Mayor Pro Tempore Don Caskey
Council Member Erica Pezold
Council Member Jared Mathis
Council Member Dave Wheeler

Absent:

Announcement of Closed Session Item(s)

A. Public Employee Appointment and Employment

Pursuant to Government Code Section 54957(b)(1)
Title: City Manager

Public Comments

There were no public comments on the closed session item.

Adjourn to VOCO Laguna Hills, 25205 La Paz Road, Laguna Hills

Convene into Closed Session

The City Council will convened into closed session at VOCO Laguna Hills, located at 25205 La Paz Road, Laguna Hills, to consider the above referenced matter.

Reconvene back to City Council Chamber

The City Council reconvened to the City Council Chamber at 6:43 p.m.

Closed Session Report

A. Public Employee Appointment and Employment

Pursuant to Government Code Section 54957(b)(1)
Title: City Manager

City Attorney Simonian stated that the City Council convened into closed session at VOCO Laguna Hills, located at 25205 La Paz Road, Laguna Hills, pursuant to the authorities listed on the Agenda with no reportable action.

Adjournment

There being no further business before the City Council at this session, Mayor Sweeney declared the meeting adjourned at 6:44 p.m.

Jennifer Lee, City Clerk

ATTEST:

Joshua Sweeney, Mayor

Approved at meeting of September 23, 2025.

**City of Laguna Hills
City Council / Planning Agency
Regular Meeting
Minutes
Tuesday, September 23, 2025**

General Business Convening at 6:00 PM

Call to Order

The meeting was called to order at 6:00 p.m. by Mayor Sweeney.

Invocation: Council Member Pezold

Pledge of Allegiance: Council Member Pezold

Roll Call of City Council Members

Present:

Mayor Joshua Sweeney
Mayor Pro Tempore Don Caskey
Council Member Erica Pezold
Council Member Jared Mathis
Council Member Dave Wheeler

Absent:

1. Presentations and Proclamations

1.1 Laguna Hills High School Student Liaison Report

The City Council received a report from Laguna Hills High School Student Liaison Ethan Keschner.

1.2 Certificate of Recognition - Ava Kornegay

The City Council congratulated Ava Kornegay for her exceptional academic achievements as a graduate of Laguna Hills High School and Mayor Sweeney, Kim Carr, representative for Senator Blakespear, and Karli Wise, representative for Assemblymember Diane Dixon presented her with Certificates of Recognition.

1.3 Presentation from Orange County Mosquito and Vector Control District

The City Council received a presentation from District Manager Lora Young, Orange County Mosquito and Vector Control District.

2. Schedule of Future Events

2.1 Schedule of Future Events

Community Services Director Gannon announced the upcoming meetings and events.

3. Public Comments

There were no public comments on non-agendized items.

4. Consent Calendar

A motion to approve the balance of the Consent Calendar with Council Member Wheeler removing Item No. 4.10 was moved by Council Member Pezold, seconded by Council Member Mathis.

Vote Result: Passed
Yes 5, No 0, Abstained 0

Ayes: Mayor Sweeney, Mayor Pro Tempore Caskey, Council Member Pezold, Council Member Mathis, Council Member Wheeler

Nays: None

Abstain: None

4.1 Waive Reading in Full of all Ordinances and Resolutions on the Agenda

Recommendation: That the City Council waive reading in full of all ordinances and resolutions on the agenda and declare that said titles which appear on the public agenda shall be determined to have been read by title and further reading waived.

4.2 Approval of Minutes for September 9, 2025, Special Meeting

Recommendation: That the City Council approve the City Council Minutes for the September 9, 2025, Special Meeting.

4.3 Approval of Minutes for September 9, 2025, Regular Meeting

Recommendation: That the City Council approve the City Council Minutes for the September 9, 2025, Regular Meeting.

4.4 Approval of Minutes for September 16, 2025, 2:00 p.m. Special Meeting

Recommendation: That the City Council approve the City Council Minutes for the September 16, 2025, 2:00 p.m. Special Meeting.

4.5 Approval of Minutes for September 16, 2025, 5:00 p.m. Special Meeting

Recommendation: That the City Council approve the City Council Minutes for the September 16, 2025, 5:00 p.m. Special Meeting.

4.6 Ratification of September 23, 2025 Warrant Register

Recommendation: That the City Council ratify the accompanying Warrant Register for the period from August 29, 2025, to September 11, 2025, in the amount of \$1,639,288.84.

4.7 Treasurer's Investment Report for August 2025

Recommendation: That the City Council receive and file the Treasurer's Investment Report for the month of August 2025.

4.8 Locations for Posting of Agendas, Ordinances, and Other Notices

Recommendation: That the City Council adopt Resolution No. 2025-09-23-1: "A Resolution of the City Council of the City of Laguna Hills, California, Designating the Locations for Posting of Ordinances and Other Notices Required by Law to be Posted and Repealing Resolution No. 2004-05-25-2."

4.9 Award of a Maintenance Services Agreement with Southern California Precision Concrete, Inc. dba Precision Concrete Cutting for Sidewalk Trip Hazard Removal and Assessment Services

Recommendation: That the City Council: 1. Find and determine it is appropriate to waive formal competitive bidding requirements and procedures set forth in Laguna Hills Municipal Code (LHMC) Section 3.08.090 for the award of a Maintenance Services Agreement with Southern California Precision Concrete, Inc. dba Precision Concrete Cutting for Sidewalk Trip Hazard Removal and Assessment Services, because the services are available from a vendor who has been selected as the lowest bidder through a procurement with another local public agency or government entity using competitive bidding procedures substantially the same or similar to those normally utilized by the city, and the price offered is substantially equivalent (LHMC Section 3.08.110.G); 2. Award the Maintenance Services Agreement with Southern California Precision Concrete, Inc. dba Precision Concrete Cutting in the total maximum not-to-exceed contract amount of \$200,000 for a five-year term; and 3. Authorize the Interim City Manager to execute the Agreement.

Items Removed from the Consent Calendar

4.10 Development Application Status Report

Recommendation: That the City Council receive and file the report.

Council Member Wheeler removed Item No. 4.10 from the Consent Calendar to provide comments on the item.

Interim City Manager Ames responded to Council Member requests for additional information.

Community Development Director Lowe responded to Council Member requests for additional information.

A motion to approve staff's recommendation was moved by Council Member Wheeler, seconded by Mayor Pro Tempore Caskey.

Vote Result: Passed
Yes 5, No 0, Abstained 0

Ayes: Mayor Sweeney, Mayor Pro Tempore Caskey, Council Member Pezold, Council Member Mathis, Council Member Wheeler

Nays: None

Abstain: None

5. Planning Agency

Mayor Sweeney recessed the City Council Meeting, and acting in capacity as Chair, called the Regular Meeting of the Planning Agency of the City of Laguna Hills, California, to order at 6:30 p.m.

Chair Sweeney called for a recess at 6:32 p.m. and reconvened the meeting at 6:38 p.m.

5.1 Roll Call of Planning Agency Members

Present:

Chair Joshua Sweeney
Vice Chair Don Caskey
Agency Member Erica Pezold
Agency Member Jared Mathis
Agency Member Dave Wheeler

Absent:

5.2 Public Comments

There were no public comments for the Planning Agency on non-agendized items.

5.3 Approval of Minutes

The Planning Agency Minutes are approved by the City Council.

5.4 Administrative Reports

There were no Planning Agency administrative reports.

5.5 Planning Agency Public Hearings

5.5.1 Conditional Use Permit (CUP) No. USE-0221-2025, a Request by Property Owner, Mayer Hassani for Approval of a Proposed Roof Deck on a Detached Accessory Dwelling Unit Located at 26052 Spur Branch Lane

Recommendation: That the Planning Agency:

1. Conduct a public hearing;
2. Find and determine that the proposed project is categorically exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15303 (Class 3, New Construction or Conversion of Small Structures); and
3. Adopt Resolution No. PA2025-09-23-1: "A Resolution of the Planning Agency of the City of Laguna Hills, California, Approving Conditional Use Permit (CUP) No. USE-0221-2025, a request by Property Owner Mayer Hassani for Approval of a Roof Deck on a Detached Rear Yard Accessory Dwelling Unit Located at 26052 Spur Branch Lane, Including an Exemption from the California Environmental Quality Act (CEQA) per CEQA Guidelines Article 19 Section 15303 (Class 3, New Construction or Conversion of Small Structures)."

Contract Planner Yee reviewed the information provided in the staff report, provided a PowerPoint presentation, and responded to Agency Member requests for additional information.

Chair Sweeney opened the public hearing.

The project architect responded to Agency Member requests for additional information.

Project applicant and property owner Mayer Hassani agreed to abide by the proposed conditions of approval on the project.

The following individual(s) provided public comments on public hearing item no. 5.5.1:

Lou Sacharske

City Attorney Simonian responded to Agency Member requests for additional information.

Chair Sweeney closed the public hearing.

A motion to approve staff's recommendation was moved by Agency Member Mathis, seconded by Agency Member Pezold.

Vote Result: Passed

Yes 5, No 0, Abstained 0

Ayes: Chair Sweeney, Vice Chair Caskey, Agency Member Pezold, Agency Member Mathis, Agency Member Wheeler

Nays: None

Abstain: None

5.5.2 Site Development Permit (SDP)/Parking Use Permit (PUP) No. USE-0147-2023, a Request by Nick Buchanan, on Behalf of La Paz Village Investors, LLC, for Approval of a 180-Unit Senior Living Development With a 253-Stall Parking Structure on an Approximately 2.55 Gross Acre Parcel Located at 25254 and 25260 La Paz Road (APN No. 620-211-17) Within the La Paz Village Center, Generally Located at 25250 – 25260, 25732, 25758 La Paz Road.

Recommendation: That the Planning Agency:

1. Conduct a public hearing;
2. Find and determine that the proposed project is exempt from review under the California Environmental Quality Act pursuant to Public Resources Code Section 21080.66; and
3. Adopt Resolution No. PA2025-09-23-2: "A Resolution of the Planning Agency of the City of Laguna Hills, California, Approving Site Development Permit / Parking Use Permit No. USE-0147-2023, a request by Nick Buchanan, on behalf of La Paz Village Investors, LLC, to develop a 180-unit residential senior apartment project with eighteen units reserved for very low-income households on a parcel located at 25254 and 25260 La Paz Road within the La Paz Village Center."

Agency Member Mathis does not have a legal conflict of interest, but out of an abundance of caution, he recused himself from participating in the item.

Community Development Director Lowe reviewed the information provided in the staff report, provided a PowerPoint presentation, and responded to Agency Member requests for additional information.

City Attorney Simonian responded to Agency Member requests for additional information.

Special Counsel Peter Sheridan of Glasser Weil Fink Howard Avchen & Shapiro LLP responded to Agency Member requests for additional information.

Hazard Materials Specialist Audrey Hershberger of Dudek responded to Agency Member requests for additional information.

Assistant City Attorney Eggart responded to Agency Member requests for additional information.

Chair Sweeney opened the public hearing.

Project applicant and property owner, Nick Buchanan, on behalf of La Paz Village Investors, LLC, provided a PowerPoint presentation, responded to Agency Member requests for additional information, and agreed to abide by the proposed conditions of approval on the project.

Legal counsel for the project applicant, Michael Shonafelt of Buchalter, responded to Agency Member requests for additional information.

The following individual(s) submitted a written public comment on Item No. 5.5.2 that was received, forwarded to the City Council prior to the meeting, posted on the City's website, and announced into the record by City Clerk Lee:

Jeanette Takacs	Elizabeth Shapiro
Jen Smith	Blake Koop
Orange County REALTORS	Cesilia Vega
Shane Will	People for Housing OC
Kathleen Hammond	Sahnnon Gerlach
Perry Hodges	California Housing Defense Fund
Welcoming Neighbors Home	Russ Khouri

The following individual(s) provided public comments on Item No. 5.5.2.:

Karen Litfin	George Lostracco
Traffic Commissioner Scott Miller	Karry Campbell
Jason Youseph	Ros Lockwood
Jason Bush	

Due to a regional power outage, Chair Sweeney called for a recess at 9:36 p.m. and reconvened the meeting at 10:07 p.m.

Public comments continued for Item No. 5.5.2 with the following individual(s):

Paul Wright	Vivian Stapleton
David Bryden	Dawn Ford
Blake Koop	

Due to a regional power outage, Chair Sweeney called for a recess at 10:24 p.m. and reconvened the meeting at 10:57 p.m.

Public comments continued for Item No. 5.5.2 with the following individual(s):

Dawn Ford

Michelle Toohey

Spencer Leonardo

Kathleen Allred

Due to a regional power outage, Chair Sweeney called for a recess at 11:08 p.m. and reconvened the meeting at 11:20 p.m.

Public comments continued for Item No. 5.5.2 with the following individual(s):

Perry Hodges

Project applicant and property owner, Nick Buchanan, on behalf of La Paz Village Investors, LLC, responded to Agency Member requests for additional information.

Due to a regional power outage, Chair Sweeney called for a recess at 11:49 p.m. and reconvened the meeting at 12:04 a.m.

Project applicant and property owner, Nick Buchanan, on behalf of La Paz Village Investors, LLC, confirmed for the record that he agrees to have the September 23 public hearing continue past midnight and into September 24.

Project applicant and property owner, Nick Buchanan, on behalf of La Paz Village Investors, LLC, provided rebuttal comments.

Chair Sweeney closed the public hearing.

A motion to approve staff's recommendation subject to the revised Conditions of Approval was moved by Chair Sweeney, seconded by Vice Chair Caskey.

Roll Call Vote Result: Passed

Yes 3, No 1, Abstained 0

Ayes: Chair Sweeney, Vice Chair Caskey, Agency Member Wheeler

Nays: Agency Member Pezold

Abstain: None

5.6 Planning Agency Adjournment

Chair Sweeney adjourned the Planning Agency Meeting at 12:42 a.m. and reconvened the City Council Meeting.

Council Member Mathis rejoined the meeting at 12:43 p.m.

6. City Council Public Hearings

There were no City Council public hearings.

7. Administrative Reports

7.1 Interim City Manager

7.1.1 Resolution of Intent to Transition from At-Large to By-District Elections and Approval of a Proposed Consulting Services Agreement with National Demographics, Inc.

Recommendation: That the City Council:

1. Adopt Resolution No. 2025-09-23-2: "A Resolution of the City Council of the City of Laguna Hills, California, Declaring Its Intention to Transition from At-Large to By-District Elections Pursuant to California Elections Code Section 10010 and Finding the Proposed Transition Exempt from the California Environmental Quality Act Pursuant to State CEQA Guidelines Sections 15061(b)(3), 15320, and 15378(b)(5)"; and
2. Approve a proposed Consulting Services Agreement with National Demographics, Inc., (NDC) for the provision of expert elections, demographic and districting consulting services, and authorize the Interim City Manager to execute the proposed agreement with NDC.

Council Member Pezold does not have a legal conflict of interest; however, due to a potential ethical conflict of interest arising from her friendship with attorney Michelle R. Jackson, she recused herself from the item.

City Attorney Simonian reviewed the information provided in the staff report and responded to Council Member requests for additional information.

The following individual(s) provided public comments on Item No. 7.1.1.:
Traffic Commissioner Scott Miller

A motion to approve staff's recommendation was moved by Council Member Mathis, seconded by Mayor Pro Tempore Caskey.

Roll Call Vote Result: Passed

Yes 3, No 1, Abstained 0

Ayes: Mayor Pro Tempore Caskey, Council Member Mathis,
Mayor Sweeney

Nays: Council Member Wheeler

Abstain: None

8. Matters Agendized and Presented by City Council Members

There were no matters agendized by City Council Members.

9. City Council Member Committee Reports

9.1 Committee Assignment Report

Council Member Pezold rejoined the meeting at 1:16 a.m.

The City Council received reports from City Council Members on the City Council Committee Assignments listed in the staff report.

10. City Council Member Comments

Council Member Pezold

Council Member Pezold requested a discussion on the adoption of a resolution opposing Proposition 50 be agendized for a future meeting and received a second from Council Member Mathis and Council Member Wheeler.

11. Closed Session

The scheduled closed session was not held as discussion on the matter was not necessary.

Adjournment

There being no further business before the City Council at this session, Mayor Sweeney declared the meeting adjourned at 1:20 a.m.

Jennifer Lee, City Clerk

ATTEST:

Joshua Sweeney, Mayor

Approved at meeting of October 14, 2025.

**City of Laguna Hills
City Council Minutes
Tuesday, October 7, 2025**

Call to Order

The meeting was called to order at 6:00 p.m. by Mayor Pro Tempore Caskey.

Roll Call of City Council Members

Present:

Mayor Pro Tempore Don Caskey
Council Member Jared Mathis
Council Member Dave Wheeler

Absent:

Mayor Joshua Sweeney
Council Member Erica Pezold

Public Comments

There were no public comments on the special meeting item.

City Council Public Hearing Item

1 First Public Hearing to Consider Composition of Districts for Commencing the Process to Transition to By-District Elections

Recommendation: That the City Council: 1. Receive and file introduction to districting presentation prepared by the City's retained expert demographer National Demographics Corporation; and 2. Conduct the First Public Hearing necessary for commencing the process to transition to by-district elections, review and consider input regarding the composition of districts from interested members of the public, and provide further direction to City staff.

City Attorney Simonian reviewed the information provided in the staff report and responded to Council Member requests for additional information.

Dr Justin Levitt, Vice-President, National Demographics Corporation (NDC) provided a PowerPoint presentation and responded to Council Member requests for additional information.

Mayor Pro Tempore Caskey opened the public hearing.

Mayor Pro Tempore Caskey closed the public hearing.

Adjournment

There being no further business before the City Council at this session, Mayor Pro Tempore Caskey declared the meeting adjourned at 7:07 p.m.

Jennifer Lee, City Clerk

ATTEST:

Joshua Sweeney, Mayor

Approved at meeting of October 14, 2025.



City of Laguna Hills City Council / Planning Agency Staff Report

Date: October 14, 2025
To: Mayor and Council Members
From: Eric Hendrickson, Finance Director
Issue: Ratification of October 14, 2025 Warrant Register

Recommendation: That the City Council ratify the accompanying Warrant Register for the period from September 12, 2025, to October 2, 2025, in the amount of \$1,311,171.62.

Background:

The City issues accounts payable disbursements on a regular basis and presents it to the City Council for ratification at its next regularly scheduled City Council Meeting. The attached Warrant Register containing checks and electronic funds transfers for the period from September 12, 2025, to October 2, 2025, is being presented for ratification by the City Council. Payments have been reviewed and approved by the appropriate departmental staff. The Finance Director certifies to the accuracy of the attached register and to the availability of monies for payment thereof.

Fiscal Impact:

Ratification of the accompanying Warrant Register includes disbursements totaling \$1,311,171.62.

Attachments:

1. Warrant Register - October 14, 2025
2. Payables Detail Report - October 14, 2025



City of Laguna Hills, CA

Warrant Register - October 14, 2025

By Check Number

Date Range: 09/12/2025 - 10/02/2025

Check Number	Vendor Number	Vendor Name	Payment Date	Payment Amount
Payment Type: Regular				
5647	A-0389	AAMES LOCK	09/19/2025	440.00
5648	A-0388	ABTECH TECHNOLOGIES, INC.	09/19/2025	9,530.00
5649	A-0138	ALL CITY MANAGEMENT, INC.	09/19/2025	9,932.07
5650	A-0392	AQUATICO	09/19/2025	795.00
5651	A-0359	ARDURRA GROUP, INC.	09/19/2025	4,313.25
5652	A-0365	AT&T	09/19/2025	393.89
5653	B-0461	BIO-ONE OF ORANGE	09/19/2025	820.00
5654	Z-CD-0527	CALIMINGO	09/19/2025	500.00
5655	C-0324	CITY OF MISSION VIEJO	09/19/2025	6,304.10
5656	C-1021	CIVIC SOLUTIONS, INC.	09/19/2025	8,214.50
5657	C-1181	CIVICPLUS, LLC	09/19/2025	1,250.00
5658	C-1190	COUNTY OF ORANGE	09/19/2025	908.00
5659	C-1191	COUNTY OF ORANGE	09/19/2025	5,747.20
5660	Z-CD-0528	DAN ELLERMAN	09/19/2025	500.00
5661	D-0461	DATA TICKET, INC.	09/19/2025	732.76
5662	D-0575	DOG WASTE DEPOT	09/19/2025	708.67
5663	D-0523	DUDEK	09/19/2025	23,348.75
5664	E-0554	ECONOMICS, INC.	09/19/2025	23,411.17
5665	H-0804	HINDERLITER, DE LLAMAS AND ASSOC., INC.	09/19/2025	2,724.10
5666	H-0960	HR GREEN PACIFIC, INC.	09/19/2025	19,864.50
5667	I-0960	IRV SEAVER MOTORCYCLES	09/19/2025	75.00
5668	J-1057	JAMEY CLARK, INC.	09/19/2025	46,981.01
5669	L-1353	LIEBERT CASSIDY WHITMORE	09/19/2025	4,730.00
5670	L-1397	LYONS SECURITY SERVICE, INC.	09/19/2025	168.75
5671	M-1486	MAIN GRAPHICS	09/19/2025	120.75
5672	M-1304	MARTIN LOCK AND SAFE CO.	09/19/2025	31.95
5673	M-1616	MASTERCARE PROTECTION AND CLEANING INC	09/19/2025	9,415.00
5674	M-1612	MINUTEMAN PRESS	09/19/2025	161.63
5675	M-1302	MOULTON NIGUEL WATER DISTRICT	09/19/2025	423.03
5676	M-1302	MOULTON NIGUEL WATER DISTRICT	09/19/2025	13,404.28
5677	O-1617	OCY MANAGEMENT, LLC	09/19/2025	3,408.00
5678	O-1546	OFFICE SOLUTIONS	09/19/2025	504.59
5679	C-1003	ORANGE COUNTY TREASURER-TAX COLLECTOR	09/19/2025	3,153.00
5680	S-1944	S CAL MUNI ATHLETIC FEDERATION	09/19/2025	1,248.50
5681	S-2322	SAGECREST PLANNING AND ENVIRONMENTAL	09/19/2025	1,680.00
5682	S-2332	SANTA MARGARITA PLUMBING AND AIR	09/19/2025	685.00
5683	S-2331	SKYLINE PEST CONTROL	09/19/2025	360.00
5684	S-1904	SOUTHERN CALIFORNIA EDISON	09/19/2025	14,112.84
5685	O-1575	SOUTHERN CALIFORNIA NEWS GROUP	09/19/2025	512.20
5686	S-2299	SPECIALTY MOWING SERVICES, INC.	09/19/2025	97,919.43
5687	B-0304	THE BEE MAN	09/19/2025	780.00
5688	R-1888	THE RITZ COMPANIES	09/19/2025	12,760.63
5689	T-2712	TOTAL SOURCE OFFICEWORKS	09/19/2025	866.44
5690	U-2172	ULINE, INC.	09/19/2025	508.11
5691	W-2451	W.G. ZIMMERMAN ENGINEERING, INC.	09/19/2025	5,780.00
5692	W-2337	WEST COAST ARBORISTS, INC.	09/19/2025	5,043.30
5693	R-1801	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	09/19/2025	55,727.40
5694	W-2452	WSP USA ENVIRONMENT AND INFRASTRUCTURE INC	09/19/2025	11,773.40
5695	A-0400	AGA ENGINEERS, INC	09/25/2025	24,272.62
5696	B-0222	BILL'S SOUND AND SECURITY	09/25/2025	595.00
5697	C-1177	CANON FINANCIAL SERVICES, INC.	09/25/2025	1,729.47
5698	C-1144	CHARLES ABBOTT ASSOCIATES, INC	09/25/2025	132,747.44

Warrant Register - October 14, 2025

Date Range: 09/12/2025 - 10/02/2025

Check Number	Vendor Number	Vendor Name	Payment Date	Payment Amount
5699	C-1181	CIVICPLUS, LLC	09/25/2025	853.88
5700	D-0583	DMS FACILITY SERVICES, LLC	09/25/2025	2,566.01
5701	E-0504	EL TORO WATER DISTRICT	09/25/2025	27,061.94
5702	E-0600	EWING IRRIGATION PRODUCTS, INC	09/25/2025	499.81
5703	Z-CS-0513	JACQUELIN RIVERA	09/25/2025	500.00
5704	J-1057	JAMEY CLARK, INC.	09/25/2025	9,771.93
5705	Z-PS-0050	KIMBERLY FOSSLER	09/25/2025	57.00
5706	L-1395	LIVING INTERIORS	09/25/2025	159.00
5707	A-0317	MICHAEL ABRAHAM	09/25/2025	4,239.95
5708	M-1609	MITSUBISHI ELECTRIC US, INC.	09/25/2025	1,350.00
5709	M-1388	MOBILE MINI, INC.	09/25/2025	341.83
5710	M-1302	MOULTON NIGUEL WATER DISTRICT	09/25/2025	22,501.27
5711	R-1806	RJM DESIGN GROUP, INC.	09/25/2025	24,146.15
5712	S-1902	SAN DIEGO GAS AND ELECTRIC	09/25/2025	35,945.13
5713	S-2319	SCA OF CA, LLC	09/25/2025	15,933.99
5714	S-2330	SOCALGAS	09/25/2025	112.86
5715	T-2712	TOTAL SOURCE OFFICEWORKS	09/25/2025	565.54
5716	A-0138	ALL CITY MANAGEMENT, INC.	10/02/2025	9,086.28
5717	Z-CS-0465	ANA VELAZQUEZ	10/02/2025	500.00
5718	B-0464	BSI AMERICA PROFESSIONAL SERVICES INC	10/02/2025	1,398.88
5719	C-1096	CODE PUBLISHING COMPANY, INC.	10/02/2025	98.00
5720	C-1191	COUNTY OF ORANGE	10/02/2025	192.39
5721	D-0583	DMS FACILITY SERVICES, LLC	10/02/2025	101,390.00
5722	D-0561	DOCU-TRUST	10/02/2025	121.30
5723	E-0606	EIDE BAILLY LLP	10/02/2025	20,530.00
5724	Z-CS-0126	FLORA CUEVAS	10/02/2025	480.00
5725	H-0965	HARDY & HARPER, INC.	10/02/2025	270,222.12
5726	J-1096	JABELLE MICU PARAGAS	10/02/2025	360.00
5727	J-1057	JAMEY CLARK, INC.	10/02/2025	2,324.48
5728	L-1396	LAUTZENHISER'S STATIONERY, LLC	10/02/2025	663.80
5729	L-1397	LYONS SECURITY SERVICE, INC.	10/02/2025	750.00
5730	M-1486	MAIN GRAPHICS	10/02/2025	962.25
5731	M-1388	MOBILE MINI, INC.	10/02/2025	1,465.49
5732	M-1302	MOULTON NIGUEL WATER DISTRICT	10/02/2025	94.58
5733	N-1501	NORMAN'S NURSERY INC.	10/02/2025	2,324.29
5734	P-1856	PARADISE DRINKING WATER	10/02/2025	336.85
5735	R-1977	RJ ELECTRIC	10/02/2025	17,588.47
5736	S-1904	SOUTHERN CALIFORNIA EDISON	10/02/2025	109.78
5737	S-2095	STONE IMAGERY	10/02/2025	538.75
5738	T-2717	TAIT & ASSOCIATES, INC	10/02/2025	13,025.00
5739	B-0304	THE BEE MAN	10/02/2025	395.00
5740	R-1888	THE RITZ COMPANIES	10/02/2025	12,673.13
5741	T-2712	TOTAL SOURCE OFFICEWORKS	10/02/2025	522.77
5742	T-2698	TPX COMMUNICATIONS	10/02/2025	767.47
5743	U-2165	UNDERGROUND SERVICE ALERT OF SO CALIFORNIA	10/02/2025	169.19
5744	V-2251	VIZUAL SYMPHONY, INC.	10/02/2025	32,699.98
5745	R-1801	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	10/02/2025	66,632.64
			Total Regular:	1,277,145.91

Check Number	Vendor Number	Vendor Name	Payment Date	Payment Amount
Payment Type: Bank Draft				
DFT0003222	H-0966	HIGH LEVEL SECURITY SOLUTIONS, INC.	09/25/2025	7,308.00
DFT0003226	U-2170	US BANK CORPORATE PAYMENT SYSTEMS	09/18/2025	26,717.71
Total Bank Draft:				34,025.71

Bank Code 1 - General Summary

	Payable	Payment		
Payment Type	Count	Count	Discount	Payment
Regular Checks	174	99	0.00	1,277,145.91
Manual Checks	0	0	0.00	0.00
Voided Checks	0	0	0.00	0.00
Bank Drafts	17	2	0.00	34,025.71
EFT's	0	0	0.00	0.00
	191	101	0.00	1,311,171.62

All Bank Codes Check Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	174	99	0.00	1,277,145.91
Manual Checks	0	0	0.00	0.00
Voided Checks	0	0	0.00	0.00
Bank Drafts	17	2	0.00	34,025.71
EFT's	0	0	0.00	0.00
	191	101	0.00	1,311,171.62

Fund Summary

Fund	Name	Period	Amount
998	Pooled Cash & Investments	9/2025	752,748.73
998	Pooled Cash & Investments	10/2025	558,422.89
			1,311,171.62



City of Laguna Hills, CA

Payables Detail Report

By Fund

Payment Dates 09/12/2025 - 10/02/2025

Payment Date	Vendor Name	Payable Number	Description (Item)	Account Number	Amount
Fund: 100 - General Fund					
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CaCard (5958) 09.08.25	Pavilions	100-195-617000	86.80
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CaCard (5958) 09.08.25	Scratch Bakery Cafe	100-195-617000	76.22
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CaCard (5958) 09.08.25	Women in Leisure Services Membership	100-310-610000	42.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CaCard (5958) 09.08.25	4imprint	100-310-624500	2,775.37
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CaCard (5958) 09.08.25	Lightbulbs.com	100-310-645500	29.64
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CaCard (5958) 09.08.25	Ralphs, Popsicles in the Park	100-310-695500	17.96
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CaCard (5958) 09.08.25	Ralphs, Popsicles in the Park	100-310-695500	17.96
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CaCard (5958) 09.08.25	Ralphs, Popsicles in the Park	100-310-695500	13.47
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CaCard (5958) 09.08.25	Terra Mia Pizzeria	100-310-695512	25.43
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CaCard (5958) 09.08.25	Hobby Lobby	100-310-695512	14.99
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (0629) 09.08.25	Juuno.co, City Hall Subscription	100-195-610000	4.08
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (0629) 09.08.25	Juuno.co, Community Center Subscription	100-310-610000	5.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (0629) 09.08.25	Woody's Diner	100-310-622000	38.81
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (0629) 09.08.25	BJ's Restaurants	100-310-622000	63.85
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (0629) 09.08.25	Hobby Lobby, Crafts for Storytime	100-310-695500	6.72
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (0629) 09.08.25	Ralphs, Popsicles in the Park	100-310-695500	15.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (0629) 09.08.25	Mega Outdoor Movies	100-310-695512	1,149.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (0629) 09.08.25	Aldi	100-310-695512	8.78
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (0629) 09.08.25	Hobby Lobby	100-310-695512	13.80
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (0629) 09.08.25	Fastsigns	100-310-695512	281.96
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (0629) 09.08.25	Fastsigns	100-310-695513	217.40
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (2811) 09.08.25	Intelius	100-225-610000	4.99
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (2811) 09.08.25	Intelius	100-225-610000	4.99
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (2811) 09.08.25	Intelius	100-225-610000	24.86
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (2811) 09.08.25	Intelius	100-225-610000	24.86
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (2811) 09.08.25	76 APRO LLC	100-225-646100	133.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (2811) 09.08.25	76 APRO LLC	100-225-646100	140.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (2829) 09.08.25	Chat GPT Subscription, 9/3/25 - 10/3/25	100-155-610000	20.00

Payables Detail Report
Payment Dates: 09/12/2025 - 10/02/2025

Payment Date	Vendor Name	Payable Number	Description (Item)	Account Number	Amount
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (2829) 09.08.25	Amazon	100-195-622000	135.75
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (2829) 09.08.25	Home Depot, Build-A-Fort	100-310-695500	135.18
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (2829) 09.08.25	Costco, Build-A-Fort	100-310-695500	64.33
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (2829) 09.08.25	Amazon	100-355-645500	469.80
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (2829) 09.08.25	Amazon	100-355-645500	27.51
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (3165) 09.08.25	76 APRO LLC	100-355-646100	129.24
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (3165) 09.08.25	76 APRO LLC	100-355-646100	135.81
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (3165) 09.08.25	Tuttle-Click Ford Lincoln	100-355-646100	418.77
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (3165) 09.08.25	Home Depot	100-355-720401	25.89
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (3165) 09.08.25	Smartlink	100-355-720700	540.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (3165) 09.08.25	SiteOne Landscape Supply	100-355-720700	1,889.17
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (3165) 09.08.25	SiteOne Landscape Supply	100-355-720700	1,889.17
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (3165) 09.08.25	Global Industrial	100-355-720701	585.93
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (3165) 09.08.25	America's Instant Signs	100-355-720701	2,380.58
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4243) 09.08.25	Costco	100-195-622000	(107.74)
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4243) 09.08.25	Costco	100-195-622000	107.74
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4243) 09.08.25	Costco	100-195-622000	161.61
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4243) 09.08.25	CA Board for Professional Engineers, Renewal	100-355-610000	180.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	ChatGPT, 8/23/25 - 9/23/25	100-155-610000	20.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Chick-fil-A	100-155-611001	443.30
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Amazon	100-155-622000	68.92
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Amazon	100-155-622000	264.90
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Ralphs	100-155-622000	218.93
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Smart & Final	100-155-622000	176.44
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	BJ's Restaurant	100-155-622000	135.18
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Amazon	100-155-622000	133.16
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Amazon	100-155-622000	76.38
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Amazon	100-155-622000	13.71
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Nespresso	100-155-622000	306.52
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Greek Bistro	100-155-622000	386.82
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Amazon	100-155-622000	44.13
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Amazon	100-155-622000	38.32

Payables Detail Report
Payment Dates: 09/12/2025 - 10/02/2025

Payment Date	Vendor Name	Payable Number	Description (Item)	Account Number	Amount
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Amazon	100-155-622000	22.40
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Amazon	100-155-622000	20.07
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Amazon	100-155-622000	45.60
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Secure Live Scan LLC	100-195-617000	35.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Greek Bistro	100-195-617000	152.02
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Amazon	100-195-617000	75.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Amazon	100-195-622000	45.21
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (4849) 09.08.25	Amazon	100-195-622000	32.07
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (5166) 09.08.25	ChatGPT Subscription	100-155-610000	20.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (5166) 09.08.25	ChatGPT Subscription	100-155-610000	20.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (5166) 09.08.25	Greek Bistro	100-155-611001	204.40
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (5166) 09.08.25	Microsoft 365	100-195-700090	6.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (5166) 09.08.25	Microsoft 365	100-195-700090	6.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (5166) 09.08.25	Lowe's	100-355-622000	178.39
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (5166) 09.08.25	Amazon	100-355-622000	47.08
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (5166) 09.08.25	Amazon	100-355-622000	30.66
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (5166) 09.08.25	Amazon	100-355-622000	20.24
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (5166) 09.08.25	Ephonamation.com	100-355-630000	424.62
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (5166) 09.08.25	Amazon	100-355-645500	76.76
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (6171) 09.08.25	California Municipal Clerks	100-155-610000	300.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (6171) 09.08.25	Present a Plaque	100-155-622000	156.48
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (6615) 09.08.25	Tacony Corporation	100-310-645500	166.48
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (6615) 09.08.25	WorldwideJanitor.com	100-310-645500	158.15
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (6615) 09.08.25	Ralphs	100-310-695500	7.53
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (6615) 09.08.25	Ralphs, Popsicles in the Park	100-310-695500	4.49
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (6615) 09.08.25	Target	100-310-695512	15.51
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (6615) 09.08.25	Exxon Circle K	100-310-695512	9.25
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (6615) 09.08.25	Exxon Circle K	100-310-695512	8.05
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (6615) 09.08.25	Exxon Circle K	100-310-695512	9.12
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (6615) 09.08.25	Chevron	100-310-695512	8.92
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (6976) 09.08.25	Zoom.com Subscription, 8/1/25 - 7/31/26	100-225-610000	149.90
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (6976) 09.08.25	Holiday Inn Express	100-225-611000	924.98

Payables Detail Report
Payment Dates: 09/12/2025 - 10/02/2025

Payment Date	Vendor Name	Payable Number	Description (Item)	Account Number	Amount
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (7241) 09.08.25	Shell Oil	100-355-646100	87.01
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (7241) 09.08.25	Home Depot	100-355-720401	14.45
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (7241) 09.08.25	Home Depot	100-355-720401	28.92
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (7941) 09.08.25	Home Depot	100-155-622000	153.57
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Amazon	100-310-622000	32.85
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Amazon	100-310-622000	43.08
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Amazon	100-310-622000	28.25
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Amazon	100-310-622000	44.18
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Amazon	100-310-622000	11.27
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Amazon	100-310-622000	66.78
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Amazon	100-310-622000	37.70
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Amazon, Social Media Activity	100-310-624500	30.12
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Exxon Circle K	100-310-646100	54.52
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Exxon Circle K	100-310-646100	90.62
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Amazon	100-310-646100	75.41
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Exxon Circle K	100-310-646100	64.50
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Exxon Circle K	100-310-646100	73.32
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Angels Stadium Parking	100-310-695500	20.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	714 Tickets, Angels Game	100-310-695500	30.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Old Mission Santa Barbara, Mission Excursion	100-310-695500	17.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Arlington Theatre Property, Mission Excursion	100-310-695500	3.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Queen Mary Dark Harbor Excursion	100-310-695500	314.91
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Amazon	100-310-695512	22.23
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8097) 09.08.25	Amazon	100-310-695512	21.53
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8151) 09.08.25	Amazon Prime	100-420-610000	16.15
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8151) 09.08.25	Minuteman Press, Evacuation Maps	100-420-622400	1,661.21
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8151) 09.08.25	The Toll Roads of OC	100-420-646100	3.22
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8151) 09.08.25	The Toll Roads of OC	100-420-646100	4.16
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8740) 09.08.25	MISAC, Conference, Oct '25	100-195-611000	825.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8740) 09.08.25	MISAC, FY25-26 Membership	100-195-611000	130.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8740) 09.08.25	Cox, T-1 City Hall, 8/5/25 - 9/4/25	100-195-630000	845.31
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8740) 09.08.25	Cox, WiFi Community Center, 7/28/25 - 8/27/25	100-195-630000	654.77

Payables Detail Report
Payment Dates: 09/12/2025 - 10/02/2025

Payment Date	Vendor Name	Payable Number	Description (Item)	Account Number	Amount
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8740) 09.08.25	Cox, Traffic Signal, 8/7/25 - 9/6/25	100-195-630000	84.00
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8740) 09.08.25	Cox, Cable City Hall, 8/10/25 - 9/9/25	100-195-630000	361.73
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8740) 09.08.25	CDW Govt	100-195-940000	258.43
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8740) 09.08.25	CDW Govt	100-195-940000	616.49
09/18/2025	US BANK CORPORATE PAYMENT SYSTEMS	CalCard (8740) 09.08.25	CDW Govt	100-195-940000	(240.75)
09/19/2025	AT&T	000024027061	Traffic Signal, 8/6/25 - 9/5/25	100-356-630000	31.12
09/19/2025	AT&T	000024032638	Alarm, Com Ctr & City Hall Lines, 8/7/25 - 9/6/25	100-195-630000	209.35
09/19/2025	AT&T	000024032638	Alarm, Com Ctr & City Hall Lines, 8/7/25 - 9/6/25	100-310-630000	153.42
09/19/2025	SOUTHERN CALIFORNIA NEWS	0011749865	Legal Advertising, Aug '25	100-155-624001	512.20
09/19/2025	MOULTON NIGUEL WATER DISTRICT	082825	Utilities - Water, 7/29/25 - 8/25/25	100-355-635000	13,404.28
09/19/2025	SOUTHERN CALIFORNIA EDISON	090525 - Acct #70023450	Utilities - Electric, 7/1/25 - 8/31/25	100-355-631000	739.77
09/19/2025	SOUTHERN CALIFORNIA EDISON	090525 - Acct #70023450	Utilities - Electric, 7/1/25 - 8/31/25	100-356-631400	13,373.07
09/19/2025	S CAL MUNI ATHLETIC FEDERATION	091525LAGHIL	Program Class Insurance, Community Services	100-310-721500	1,248.50
09/19/2025	ALL CITY MANAGEMENT, INC.	102875	Crossing Guard Services, 8/17/25 - 8/30/25	100-420-720822	9,932.07
09/19/2025	CIVIC SOLUTIONS, INC.	106711	Consultant Services, USE-0166-2023, Jul '25	100-000-223000	2,535.00
09/19/2025	CIVIC SOLUTIONS, INC.	106712	Consultant Services, USE-0221-2025, Jul '25	100-000-223000	351.00
09/19/2025	CIVIC SOLUTIONS, INC.	106713	Consultant Services, USE-0221-2025, Jul '25	100-000-223000	390.00
09/19/2025	CIVIC SOLUTIONS, INC.	106714	Consultant Services, USE-0209-2025, Jul '25	100-000-223000	830.00
09/19/2025	CIVIC SOLUTIONS, INC.	106924	Consultant Services, USE-0166-2023, Aug '25	100-000-223000	975.00
09/19/2025	CIVIC SOLUTIONS, INC.	106925	Contract Staffing Services, Aug '25	100-225-720512	624.00
09/19/2025	CIVIC SOLUTIONS, INC.	106926	Consultant Services, USE-0221-2025, Aug '25	100-000-223000	78.00
09/19/2025	CIVIC SOLUTIONS, INC.	106927	Consultant Services, USE-0210-2025, Aug '25	100-000-223000	1,560.00
09/19/2025	CIVIC SOLUTIONS, INC.	106928	Consultant Services, USE-0209-2025, Aug '25	100-000-223000	871.50
09/19/2025	THE BEE MAN	135860	Bee Removal, Aug '25	100-355-720701	215.00
09/19/2025	THE BEE MAN	135861	Bee Removal, Aug '25	100-355-720701	390.00
09/19/2025	THE BEE MAN	135862	Bee Removal, Aug '25	100-355-720701	175.00
09/19/2025	MINUTEMAN PRESS	1595	Feathered Flags Poles, Sep '25	100-310-622000	161.63
09/19/2025	MAIN GRAPHICS	165071	Business Cards, Jul '25	100-195-623000	120.75
09/19/2025	SANTA MARGARITA PLUMBING AND AIR	16609-45042	Restroom Repair, Sep '25	100-310-645500	685.00
09/19/2025	ARDURRA GROUP, INC.	172032	Engineering Services, Aug '25	100-355-700250	4,313.25
09/19/2025	HR GREEN PACIFIC, INC.	181871	Proj Mgmt & Inspect Svcs, Nov '24	100-355-700250	5,981.25
09/19/2025	DATA TICKET, INC.	183768	Process Fee, Parking Citations, Aug '25	100-420-720823	732.76
09/19/2025	HR GREEN PACIFIC, INC.	192598	Public Works Permit Inspections, Aug '25	100-355-700255	13,883.25
09/19/2025	ULINE, INC.	196667629	Storage Cabinets & Shelves, Aug '25	100-155-622000	651.31
09/19/2025	ULINE, INC.	196800979	Return: Storage Cabinets & Shelves, Aug '25	100-155-622000	(588.32)
09/19/2025	ULINE, INC.	197271588	Fire Extinguishers, Aug '25	100-310-645500	445.12
09/19/2025	DUDEK	202507383	Professional Svcs, USE-0166-2023, 7/26/25-8/22/25	100-000-223000	1,557.50
09/19/2025	DUDEK	202507433	Professional Svcs, USE-0147-2023, 7/26/25-8/22/25	100-000-223000	21,791.25
09/19/2025	IRV SEAVER MOTORCYCLES	20251841	Motorcycle Maintenance, Police Svcs, Sep '25	100-420-646100	75.00

Payables Detail Report
Payment Dates: 09/12/2025 - 10/02/2025

Payment Date	Vendor Name	Payable Number	Description (Item)	Account Number	Amount
09/19/2025	SPECIALTY MOWING SERVICES, INC.	2076	Weed Abatement, La Paz Rd 3 Aliso Hills to Alameda	100-355-720730	97,919.43
09/19/2025	CITY OF MISSION VIEJO	21505	Homelessness Outreach, Aug '25	100-310-720302	6,304.10
09/19/2025	THE RITZ COMPANIES	225962	Janitorial Services, Aug '25	100-310-721505	12,760.63
09/19/2025	WEST COAST ARBORISTS, INC.	233430	Tree Trimming Services, 8/16/25 - 8/31/25	100-355-720702	5,043.30
09/19/2025	W.G. ZIMMERMAN ENGINEERING,	25-08-830	On-Call Engineer Services, Aug '25	100-355-700250	3,790.00
09/19/2025	LIEBERT CASSIDY WHITMORE	283935	ERC Membership, 1/1/25 - 12/31/25	100-155-610000	4,730.00
09/19/2025	CIVICPLUS, LLC	346464	Website Virtual System Training, 8/11/25-12/14/25	100-195-611000	1,250.00
09/19/2025	SKYLINE PEST CONTROL	360113	Pest and Rodent Control, Sep '25	100-310-645500	360.00
09/19/2025	AQUATICO	372-287	Fountains/Water Features Maintenance, Sep '25	100-310-645500	795.00
09/19/2025	LYONS SECURITY SERVICE, INC.	39675	Event Security, Permit #4167,	100-310-690501	168.75
09/19/2025	TOTAL SOURCE OFFICEWORKS	39887	Operating Supplies, Sep '25	100-195-622000	182.91
09/19/2025	TOTAL SOURCE OFFICEWORKS	39887	Operating Supplies, Sep '25	100-225-622000	24.77
09/19/2025	TOTAL SOURCE OFFICEWORKS	39921	Operating Supplies, Sep '25	100-355-622000	26.93
09/19/2025	TOTAL SOURCE OFFICEWORKS	39942	Operating Supplies, Sep '25	100-195-622000	84.52
09/19/2025	MASTERCARE PROTECTION AND CLEANING INC	39944	Elec & File Rooms Remediation & Clearance Testing	100-355-645500	9,415.00
09/19/2025	TOTAL SOURCE OFFICEWORKS	39995	Operating Supplies, Sep '25	100-355-622000	547.31
09/19/2025	WSP USA ENVIRONMENT AND INFRASTRUCTURE INC	40247231	Professional Services, NPDES Support, Aug '25	100-355-700000	11,773.40
09/19/2025	SAGECREST PLANNING AND ENVIRONMENTAL	5386	Plan Check Fee, USE-0211-2025, Aug '25	100-000-223000	1,680.00
09/19/2025	MOULTON NIGUEL WATER DISTRICT	6618295	H2O for HOAs Support, Oct '24	100-355-696000	423.03
09/19/2025	JAMEY CLARK, INC.	76801	City Hall, Mount TV, Insulation, CIP #505, Aug '25	100-000-790600	1,673.50
09/19/2025	JAMEY CLARK, INC.	76821	City Hall, Conf Room Wall Build, CIP #505, Aug '25	100-000-790600	11,275.00
09/19/2025	JAMEY CLARK, INC.	76837	Graffiti Removal, Public Works, Aug	100-355-720500	585.00
09/19/2025	JAMEY CLARK, INC.	76838	Janitorial Services, Aug '25	100-310-721505	3,450.00
09/19/2025	JAMEY CLARK, INC.	76845	Playground Inspections, Public Works, Aug '25	100-355-720701	5,750.00
09/19/2025	JAMEY CLARK, INC.	76860	City Hall, Restroom Wall Build, CIP #505, Sep '25	100-000-790600	3,250.00
09/19/2025	JAMEY CLARK, INC.	76862	City Hall, New Doors, CIP #505, Sep	100-000-790600	7,739.94
09/19/2025	JAMEY CLARK, INC.	76863	City Hall, Wellness Room, CIP #505, Sep '25	100-000-790600	10,201.17
09/19/2025	JAMEY CLARK, INC.	76870	Graffiti Removal, Public Works, Sep	100-355-720500	2,288.40
09/19/2025	JAMEY CLARK, INC.	76871	Graffiti Removal, Public Works, Sep	100-355-720500	768.00
09/19/2025	DOG WASTE DEPOT	780656	Operating Supplies, Sep '25	100-355-622000	708.67
09/19/2025	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	78685	Professional Services, Legal, Jul '25	100-155-700010	36,943.40
09/19/2025	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	78685	Professional Services, Legal, Jul '25	100-155-700011	630.00
09/19/2025	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	78686	Prof Services, Legal, Jul '25, USE-0147-2023	100-000-223000	15,556.10
09/19/2025	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	78687	Prof Services, Legal, Jul '25, USE-0166-2023	100-000-223000	250.40
09/19/2025	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	78688	Prof Services, Legal, Jul '25, USE-0209-2025	100-000-223000	1,408.50
09/19/2025	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	78689	Prof Services, Legal, Jul '25, USE-0211-2025	100-000-223000	939.00
09/19/2025	AAMES LOCK	90829	Repair Electrified Locking Hardware, Sep '25	100-310-645500	440.00
09/19/2025	ORANGE COUNTY TREASURER-TAX COLLECTOR	AUG 25	Parking Fee Surcharge, Aug '25	100-420-720823	3,153.00
09/19/2025	OFFICE SOLUTIONS	I-02339743	Operating Supplies, Sep '25	100-195-622000	469.07
09/19/2025	OFFICE SOLUTIONS	I-02340006	Operating Supplies, Sep '25	100-195-622000	35.52
09/19/2025	BIO-ONE OF ORANGE	I3021525	Biohazard Cleanup, 9/16/25	100-420-622400	820.00
09/19/2025	CALIMINGO	POOLR-0027-2024	POOLR-0027-2024, Pool Bond Refund, REC-013878-2024	100-000-228001	500.00

Payables Detail Report
Payment Dates: 09/12/2025 - 10/02/2025

Payment Date	Vendor Name	Payable Number	Description (Item)	Account Number	Amount
09/19/2025	DAN ELLERMAN	POOLR-0033-2024	POOLR-0033-2024, Pool Bond	100-000-228001	500.00
09/19/2025	MARTIN LOCK AND SAFE CO.	Q95387	Refund, REC-014195-2025		
09/19/2025	COUNTY OF ORANGE	SH 72231	Keys, Aug '25	100-355-645500	31.95
09/19/2025	HINDERLITER, DE LLAMAS AND ASSOC., INC.	SIN054086	Fingerprint ID System Charges, Aug	100-420-720835	908.00
09/19/2025	COUNTY OF ORANGE	STCS003562	Sales Tax & Audit Services, Q1 FY 25/26	100-155-700050	2,724.10
09/19/2025	ABTECH TECHNOLOGIES, INC.	W206294-IN	Communications Charges, 7/1/25 - 9/30/25	100-420-646000	5,747.20
09/25/2025	EL TORO WATER DISTRICT	083125	Managed IT Services, Sep '25	100-195-700090	9,530.00
09/25/2025	MOULTON NIGUEL WATER DISTRICT	091125	Water Usage, Public Works, Aug '25	100-355-635000	27,061.94
09/25/2025	MOULTON NIGUEL WATER DISTRICT	091125	Utilities - Water, 8/12/25 - 9/8/25	100-310-635000	788.78
09/25/2025	SAN DIEGO GAS AND ELECTRIC	091525	Utilities - Water, 8/12/25 - 9/8/25	100-355-635000	21,712.49
09/25/2025	SAN DIEGO GAS AND ELECTRIC	091525	Utilities - Electric, 7/10/25 - 8/8/25	100-310-631000	9,371.79
09/25/2025	SAN DIEGO GAS AND ELECTRIC	091525	Utilities - Electric, 7/10/25 - 8/8/25	100-355-631000	9,890.68
09/25/2025	SAN DIEGO GAS AND ELECTRIC	091525	Utilities - Electric, 7/10/25 - 8/8/25	100-356-631400	15,944.43
09/25/2025	SAN DIEGO GAS AND ELECTRIC	091525	Utilities - Electric, 8/1/25 - 8/31/25	100-356-631900	738.23
09/25/2025	SOCALGAS	091825	Utilities - Gas, 8/15/25 - 9/16/25	100-310-632000	112.86
09/25/2025	MICHAEL ABRAHAM	25104	CRIS Service Contract, FY 25/26	100-195-700090	4,014.95
09/25/2025	MICHAEL ABRAHAM	25105	EnerGov Migration/Upgrade SSL	100-195-700090	225.00
09/25/2025	EWING IRRIGATION PRODUCTS, INC	27495476	Certificate Setup		
09/25/2025	CIVICPLUS, LLC	350433	Landscape Maintenance, Public Works, Sep '25	100-355-720700	499.81
09/25/2025	RJM DESIGN GROUP, INC.	37316	AudioEye Enterprise for Rec Mgmt, 9/15/25-1/17/26	100-195-700090	853.88
09/25/2025	TOTAL SOURCE OFFICEWORKS	39994	Reader Board Design, Aug '25	100-355-700250	4,261.95
09/25/2025	TOTAL SOURCE OFFICEWORKS	39994	Operating Supplies, Sep '25	100-195-622000	459.23
09/25/2025	CANON FINANCIAL SERVICES, INC.	41786062	Operating Supplies, Sep '25	100-310-622000	106.31
09/25/2025	CANON FINANCIAL SERVICES, INC.	41786062	Usage 2XK05658, 8/1/25 - 8/31/25	100-195-641200	143.79
09/25/2025	CANON FINANCIAL SERVICES, INC.	41786062	Lease 2XK05658, 9/1/25 - 9/30/25	100-195-641200	303.86
09/25/2025	CANON FINANCIAL SERVICES, INC.	41787689	Lease, 2XD05688 2XD05811, 9/1/25 - 9/30/25	100-195-641200	596.94
09/25/2025	CANON FINANCIAL SERVICES, INC.	41787689	Usage, 2XD05688 2XD05811, 8/1/25 - 8/31/25	100-195-641200	648.32
09/25/2025	CANON FINANCIAL SERVICES, INC.	41787690	Paperdeck Attachment 2XD05811A, 9/1/25 - 9/30/25	100-195-641200	36.56
09/25/2025	BILL'S SOUND AND SECURITY	46673	Elevator Recall Inspection, Sep '25	100-310-645500	595.00
09/25/2025	MITSUBISHI ELECTRIC US, INC.	540992	State Annual Inspection, Sep '25	100-310-645500	1,350.00
09/25/2025	HIGH LEVEL SECURITY SOLUTIONS, INC.	5980	Private Security Patrol, 9/8/25 - 9/21/25	100-420-720850	7,308.00
09/25/2025	CHARLES ABBOTT ASSOCIATES, INC	69348 - A (Hazmat Respo	Hazmat Response, Aug '25	100-355-720401	12,123.42
09/25/2025	JAMEY CLARK, INC.	76911	Park Repairs, Public Works, Sep '25	100-355-720701	1,141.50
09/25/2025	JAMEY CLARK, INC.	76912	City Hall, Conf Room Wall Trim, CIP #505, Sep '25	100-000-790600	1,393.67
09/25/2025	JAMEY CLARK, INC.	76913	City Hall, Wellness Room, CIP #505, Sep '25	100-000-790600	3,297.76
09/25/2025	JAMEY CLARK, INC.	76937	Park Repairs, Public Works, Sep '25	100-355-720701	145.50
09/25/2025	JAMEY CLARK, INC.	76938	Park Repairs, Public Works, Sep '25	100-355-720701	259.50
09/25/2025	JAMEY CLARK, INC.	76939	Park Repairs, Public Works, Sep '25	100-355-720701	312.00
09/25/2025	JAMEY CLARK, INC.	76940	Park Repairs, Public Works, Sep '25	100-355-720701	1,686.00
09/25/2025	JAMEY CLARK, INC.	76941	Graffiti Removal, Public Works, Sep	100-355-720500	768.00
09/25/2025	JAMEY CLARK, INC.	76942	Graffiti Removal, Public Works, Sep	100-355-720500	768.00
09/25/2025	MOBILE MINI, INC.	9024567143	Storage Rental, Community Center, 9/11/25-10/8/25	100-310-641000	341.83
09/25/2025	JACQUELIN RIVERA	95111769	Refund, Facility Deposit, R #93157155	100-000-222000	500.00
09/25/2025	SCA OF CA, LLC	CA25001896	Street Sweeping Services, Aug '25	100-355-720401	503.44
09/25/2025	KIMBERLY FOSSLER	LH114768	Refund, Citation #LH114768	100-000-460100	57.00
09/25/2025	DMS FACILITY SERVICES, LLC	STL-003938	Landscape Services, Aug '25	100-355-720700	845.64
09/25/2025	DMS FACILITY SERVICES, LLC	STL-003939	Landscape Services, Aug '25	100-355-720700	349.15
09/25/2025	DMS FACILITY SERVICES, LLC	STL-003940	Landscape Services, Aug '25	100-355-720700	349.15
09/25/2025	DMS FACILITY SERVICES, LLC	STL-003941	Landscape Services, Aug '25	100-355-720700	194.32
09/25/2025	DMS FACILITY SERVICES, LLC	STL-003942	Landscape Services, Aug '25	100-355-720700	349.15
09/25/2025	DMS FACILITY SERVICES, LLC	STL-003943	Landscape Services, Aug '25	100-355-720700	292.49

Payables Detail Report
Payment Dates: 09/12/2025 - 10/02/2025

Payment Date	Vendor Name	Payable Number	Description (Item)	Account Number	Amount
09/25/2025	DMS FACILITY SERVICES, LLC	STL-003944	Landscape Services, Sep '25	100-355-720700	186.11
09/25/2025	LIVING INTERIORS	T88815	Interior Plantscape Services, Oct '25	100-310-645500	159.00
10/02/2025	JABELLE MICU PARAGAS	0003	Community Center Map, Sep '25	100-310-624500	360.00
10/02/2025	DOCU-TRUST	0056833	Offsite Data Storage, Oct '25	100-155-700030	121.30
10/02/2025	MOULTON NIGUEL WATER DISTRICT	091825	Utilities - Water, 8/19/25 - 9/15/25	100-355-635000	94.58
10/02/2025	SOUTHERN CALIFORNIA EDISON	092225 - Acct #70007600	Utilities - Electric, 8/1/25 - 9/21/25	100-356-631400	109.78
10/02/2025	ALL CITY MANAGEMENT, INC.	103232	Crossing Guard Services, 8/31/25 - 9/13/25	100-420-720822	9,086.28
10/02/2025	BSI AMERICA PROFESSIONAL SERVICES INC	109296	Indoor Air Quality Survey, Sep '25	100-155-700000	1,398.88
10/02/2025	LAUTZENHISER'S STATIONERY, LLC	13375	Office Supplies, City Clerk, Sep '25	100-155-622000	663.80
10/02/2025	THE BEE MAN	136072	Bee Removal, Sep '25	100-355-720701	395.00
10/02/2025	VIZUAL SYMPHONY, INC.	14360	Voting Displays, Sep '25	100-195-940000	26,826.78
10/02/2025	VIZUAL SYMPHONY, INC.	14361	Voting Displays, Sep '25	100-195-940000	5,873.20
10/02/2025	MAIN GRAPHICS	165295	Envelopes, Aug '25	100-195-622000	962.25
10/02/2025	TAIT & ASSOCIATES, INC	166509	Professional Services, CIP #170, Aug '25	100-000-790600	13,025.00
10/02/2025	TPX COMMUNICATIONS	187322966-0	Communications Expense, 9/23/25 - 10/22/25	100-195-630000	767.47
10/02/2025	THE RITZ COMPANIES	226066	Janitorial Services, Sep '25	100-310-721505	12,673.13
10/02/2025	HARDY & HARPER, INC.	24294 RET	Pavement Rehab, CIP #104 & #109, Retention	100-000-201001	270,222.12
10/02/2025	UNDERGROUND SERVICE ALERT OF SO CALIFORNIA	25-260995	State Fee for Regulatory Costs, Sep	100-355-720401	47.19
10/02/2025	PARADISE DRINKING WATER	283376	Operating Supplies, 8/21/25 - 9/4/25	100-195-622000	172.40
10/02/2025	PARADISE DRINKING WATER	293110	Operating Supplies, 9/4/25 - 9/18/25	100-195-622000	164.45
10/02/2025	STONE IMAGERY	31051	Nameplates, Sep '25	100-155-622000	538.75
10/02/2025	LYONS SECURITY SERVICE, INC.	39673	Event Security, Permit #3456,	100-310-690501	450.00
10/02/2025	LYONS SECURITY SERVICE, INC.	39722	Event Security, Permit #4335, 10/25/25	100-310-690501	300.00
10/02/2025	TOTAL SOURCE OFFICEWORKS	40047	Operating Supplies, Sep '25	100-355-622000	147.61
10/02/2025	TOTAL SOURCE OFFICEWORKS	40060	Operating Supplies, Sep '25	100-155-622000	134.63
10/02/2025	TOTAL SOURCE OFFICEWORKS	40103	Operating Supplies, Oct '25	100-195-622000	240.53
10/02/2025	RJ ELECTRIC	64139	New Skate Park LED Fixtures to Poles, Sep '25	100-355-720701	17,000.00
10/02/2025	RJ ELECTRIC	64209	Electric Repairs, Sep '25	100-355-720701	588.47
10/02/2025	JAMEY CLARK, INC.	76945	Park Repairs, Public Works, Sep '25	100-355-720701	693.78
10/02/2025	JAMEY CLARK, INC.	76966	Park Repairs, Public Works, Sep '25	100-355-720701	508.00
10/02/2025	JAMEY CLARK, INC.	76967	Park Repairs, Public Works, Sep '25	100-355-720701	192.00
10/02/2025	JAMEY CLARK, INC.	76968	Park Repairs, Public Works, Sep '25	100-355-720701	358.50
10/02/2025	JAMEY CLARK, INC.	76969	Park Repairs, Public Works, Sep '25	100-355-720701	572.20
10/02/2025	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	78854	Professional Services, Legal, Aug '25	100-155-700010	40,043.64
10/02/2025	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	78854	Professional Services, Legal, Aug '25	100-155-700011	3,792.00
10/02/2025	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	78855	Prof Services, Legal, Aug '25, USE-0239-2025	100-000-223000	5,321.00
10/02/2025	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	78856	Prof Services, Legal, Aug '25, USE-0147-2023	100-000-223000	4,350.70
10/02/2025	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	78857	Prof Services, Legal, Aug '25, USE-0166-2023	100-000-223000	2,284.90
10/02/2025	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	78858	Prof Services, Legal, Aug '25, USE-0209-2025	100-000-223000	8,492.90
10/02/2025	WOODRUFF & SMART, A PROFESSIONAL CORPORATION	78859	Prof Services, Legal, Aug '25, USE-0211-2025	100-000-223000	2,347.50
10/02/2025	NORMAN'S NURSERY INC.	884943 - RI	Rooted Campaign, Apr '25	100-310-695511	2,324.29
10/02/2025	MOBILE MINI, INC.	9023874302	Storage Rental, Community Center, 6/4/25-7/1/25	100-310-641000	225.71
10/02/2025	MOBILE MINI, INC.	9024266417	Storage Container Pickup, 7/30/25	100-310-641000	223.09
10/02/2025	MOBILE MINI, INC.	9024301970	Storage Rental, Community Center, 8/5/25-9/1/25	100-310-641000	82.97
10/02/2025	MOBILE MINI, INC.	9024310395	Storage Rental, Community Center, 8/6/25-9/2/25	100-310-641000	217.80

Payables Detail Report
Payment Dates: 09/12/2025 - 10/02/2025

Payment Date	Vendor Name	Payable Number	Description (Item)	Account Number	Amount
10/02/2025	MOBILE MINI, INC.	9024462457	Storage Container Pickup, 8/27/25	100-310-641000	164.53
10/02/2025	MOBILE MINI, INC.	9024471384	Storage Container Pickup, 8/27/25	100-310-641000	468.42
10/02/2025	MOBILE MINI, INC.	9024497556	Storage Rental, Community Center, 9/2/25-9/29/25	100-310-641000	82.97
10/02/2025	UNDERGROUND SERVICE ALERT OF SO CALIFORNIA	920250399	Ticket Charges, Sep '25	100-355-720401	122.00
10/02/2025	ANA VELAZQUEZ	95834346	Refund, Facility Deposit, R #81204405	100-000-222000	500.00
10/02/2025	FLORA CUEVAS	96066193	Refund, Facility Deposit, R #94464378	100-000-222000	500.00
10/02/2025	FLORA CUEVAS	96066193	Refund, Facility Deposit, R #94464378	100-000-451100	(20.00)
10/02/2025	EIDE BAILLY LLP	EI01932298	Financial Statement Audit, Progress Billing	100-155-700050	20,530.00
10/02/2025	CODE PUBLISHING COMPANY, INC.	GCI0018521	Municipal Code Update, Sep '25	100-155-700030	98.00
10/02/2025	DMS FACILITY SERVICES, LLC	RC-T004671	Landscape Services, Sep '25	100-355-720700	101,390.00
10/02/2025	COUNTY OF ORANGE	STTM003228	Communications Charges, 7/1/25 - 7/31/25	100-420-646000	192.39
Fund 100 - General Fund Total:					1,102,151.06
Fund: 212 - Measure M2 Fund					
09/25/2025	CHARLES ABBOTT ASSOCIATES, INC	69348	Road Maintenance, Aug '25	212-355-720400	120,624.02
09/25/2025	SCA OF CA, LLC	CA25001896	Street Sweeping Services, Aug '25	212-355-720410	15,430.55
Fund 212 - Measure M2 Fund Total:					136,054.57
Fund: 221 - Senior Mobility Program Fund					
09/19/2025	OCY MANAGEMENT, LLC	8406025	Senior Mobility Program, Aug '25	221-310-720000	3,408.00
Fund 221 - Senior Mobility Program Fund Total:					3,408.00
Fund: 301 - CARITS Road Fee Program Fund					
09/19/2025	W.G. ZIMMERMAN ENGINEERING,	25-08-832	Engineer Services, CIP #168, Aug '25	301-000-790600	1,990.00
09/25/2025	AGA ENGINEERS, INC	25279-IN	RTSSP for Paseo de Valencia-Moulton Pkwy, CIP #168	301-000-790600	24,272.62
Fund 301 - CARITS Road Fee Program Fund Total:					26,262.62
Fund: 306 - Waste & Recycling Fee Fund					
09/19/2025	ECONOMICS, INC.	2024.14	Professional Services, Recycling Program, Aug '25	306-355-700000	23,411.17
Fund 306 - Waste & Recycling Fee Fund Total:					23,411.17
Fund: 311 - Quimby Act Park In-Lieu Fee (VALH) Fund					
09/25/2025	RJM DESIGN GROUP, INC.	37334	Cabot Park Rehabilitation, CIP #241, Aug '25	311-000-790600	9,384.48
09/25/2025	RJM DESIGN GROUP, INC.	37335	Veeh Ranch & San Remo Rehab, CIP #241, Aug '25	311-000-790600	10,499.72
Fund 311 - Quimby Act Park In-Lieu Fee (VALH) Fund Total:					19,884.20
Fund: 600 - Capital Improvement Projects Fund					
09/19/2025	W.G. ZIMMERMAN ENGINEERING,	25-08-832	Engineer Services, CIP #168, Aug '25	600-000-490301	(1,990.00)
09/19/2025	W.G. ZIMMERMAN ENGINEERING,	25-08-832	Engineer Services, CIP #168, Aug '25	600-251-950168	1,990.00
09/19/2025	JAMEY CLARK, INC.	76801	City Hall, Mount TV, Insulation, CIP #505, Aug '25	600-000-490100	(1,673.50)
09/19/2025	JAMEY CLARK, INC.	76801	City Hall, Mount TV, Insulation, CIP #505, Aug '25	600-255-950505	1,673.50
09/19/2025	JAMEY CLARK, INC.	76821	City Hall, Conf Room Wall Build, CIP #505, Aug '25	600-000-490100	(11,275.00)
09/19/2025	JAMEY CLARK, INC.	76821	City Hall, Conf Room Wall Build, CIP #505, Aug '25	600-255-950505	11,275.00
09/19/2025	JAMEY CLARK, INC.	76860	City Hall, Restroom Wall Build, CIP #505, Sep '25	600-000-490100	(3,250.00)
09/19/2025	JAMEY CLARK, INC.	76860	City Hall, Restroom Wall Build, CIP #505, Sep '25	600-255-950505	3,250.00
09/19/2025	JAMEY CLARK, INC.	76862	City Hall, New Doors, CIP #505, Sep '25	600-000-490100	(7,739.94)
09/19/2025	JAMEY CLARK, INC.	76862	City Hall, New Doors, CIP #505, Sep '25	600-255-950505	7,739.94
09/19/2025	JAMEY CLARK, INC.	76863	City Hall, Wellness Room, CIP #505, Sep '25	600-000-490100	(10,201.17)
09/19/2025	JAMEY CLARK, INC.	76863	City Hall, Wellness Room, CIP #505, Sep '25	600-255-950505	10,201.17

Payables Detail Report

Payment Dates: 09/12/2025 - 10/02/2025

Payment Date	Vendor Name	Payable Number	Description (Item)	Account Number	Amount
09/25/2025	AGA ENGINEERS, INC	25279-IN	RTSSP for Paseo de Valencia-Moulton Pkwy, CIP #168	600-000-490301	(24,272.62)
09/25/2025	AGA ENGINEERS, INC	25279-IN	RTSSP for Paseo de Valencia-Moulton Pkwy, CIP #168	600-251-950168	24,272.62
09/25/2025	RJM DESIGN GROUP, INC.	37334	Cabot Park Rehabilitation, CIP #241, Aug '25	600-000-490311	(9,384.48)
09/25/2025	RJM DESIGN GROUP, INC.	37334	Cabot Park Rehabilitation, CIP #241, Aug '25	600-252-950241	9,384.48
09/25/2025	RJM DESIGN GROUP, INC.	37335	Veesh Ranch & San Remo Rehab, CIP #241, Aug '25	600-000-490311	(10,499.72)
09/25/2025	RJM DESIGN GROUP, INC.	37335	Veesh Ranch & San Remo Rehab, CIP #241, Aug '25	600-252-950241	10,499.72
09/25/2025	JAMEY CLARK, INC.	76912	City Hall, Conf Room Wall Trim, CIP #505, Sep '25	600-000-490100	(1,393.67)
09/25/2025	JAMEY CLARK, INC.	76912	City Hall, Conf Room Wall Trim, CIP #505, Sep '25	600-255-950505	1,393.67
09/25/2025	JAMEY CLARK, INC.	76913	City Hall, Wellness Room, CIP #505, Sep '25	600-000-490100	(3,297.76)
09/25/2025	JAMEY CLARK, INC.	76913	City Hall, Wellness Room, CIP #505, Sep '25	600-255-950505	3,297.76
10/02/2025	TAIT & ASSOCIATES, INC	166509	Professional Services, CIP #170, Aug '25	600-000-490100	(13,025.00)
10/02/2025	TAIT & ASSOCIATES, INC	166509	Professional Services, CIP #170, Aug '25	600-251-950170	13,025.00
Fund 600 - Capital Improvement Projects Fund Total:					-
Grand Total:					1,311,171.62

Report Summary

Fund Summary

Fund	Payment Amount
100 - General Fund	1,102,151.06
212 - Measure M2 Fund	136,054.57
221 - Senior Mobility Program Fund	3,408.00
301 - CARITS Road Fee Program Fund	26,262.62
306 - Waste & Recycling Fee Fund	23,411.17
311 - Quimby Act Park In-Lieu Fee (VALH) Fund	19,884.20
600 - Capital Improvement Projects Fund	-
Grand Total:	1,311,171.62

Account Summary

Account Number	Account Name	Payment Amount
100-000-201001	Accounts Payable - Retention	270,222.12
100-000-222000	Refundable Deposits	1,500.00
100-000-223000	Plan Application Deposit	73,570.25
100-000-228001	Swimming Pool Construction	1,000.00
100-000-451100	Recreation Fees - Reservations	(20.00)
100-000-460100	Parking Citations	57.00
100-000-790600	Transfers Out to Capital	51,856.04
100-155-610000	Memberships & Subscriptions	5,110.00
100-155-611001	Staff Development & Team	647.70
100-155-622000	Operating Supplies	3,661.70
100-155-624001	Advertising - Legal	512.20
100-155-700000	Professional Services -	1,398.88
100-155-700010	Legal Services - General Counsel	76,987.04
100-155-700011	Legal Services - Litigation	4,422.00
100-155-700030	Professional Services - City Clerk	219.30
100-155-700050	Professional Services - Financial	23,254.10
100-195-610000	Memberships & Subscriptions	4.08
100-195-611000	Training, Conferences, &	2,205.00
100-195-617000	Recruitment	425.04
100-195-622000	Operating Supplies	3,145.52
100-195-623000	Printing & Mailing	120.75
100-195-630000	Communications	2,922.63
100-195-641200	Copier Leases	1,729.47
100-195-700090	IT Contract Services & Support	14,635.83
100-195-940000	Computer Hardware	33,334.15
100-225-610000	Memberships & Subscriptions	209.60
100-225-611000	Training, Conferences, &	924.98
100-225-622000	Operating Supplies	24.77
100-225-646100	Vehicles - Fuel & Maintenance	273.00
100-225-720512	Contract Services	624.00
100-310-610000	Memberships & Subscriptions	47.00
100-310-622000	Operating Supplies	634.71
100-310-624500	Printing & Advertising	3,165.49
100-310-630000	Communications	153.42
100-310-631000	Utilities - Electric	9,371.79
100-310-632000	Utilities - Gas	112.86
100-310-635000	Utilities - Water	788.78
100-310-641000	Equipment Rentals & Leases	1,807.32
100-310-645500	Facility Maintenance & Repairs	5,183.39
100-310-646100	Vehicles - Fuel & Maintenance	358.37
100-310-690501	Facility Rentals -	918.75
100-310-695500	Special Events - Program Services	667.55
100-310-695511	Rooted Volunteer Campaign	2,324.29
100-310-695512	Movies in the Park	1,588.57
100-310-695513	Concerts	217.40
100-310-720302	Contract Services - Homelessness	6,304.10

Account Summary

Account Number	Account Name	Payment Amount
100-310-721500	Contract Services - Programs	1,248.50
100-310-721505	Contract Services - Janitorial &	28,883.76
100-355-610000	Memberships & Subscriptions	180.00
100-355-622000	Operating Supplies	1,706.89
100-355-630000	Communications	424.62
100-355-631000	Utilities - Electric	10,630.45
100-355-635000	Utilities - Water	62,273.29
100-355-645500	Facility Maintenance & Repairs	10,021.02
100-355-646100	Vehicles - Fuel & Maintenance	770.83
100-355-696000	NPDES Permits & Fees	423.03
100-355-700000	Professional Services	11,773.40
100-355-700250	On-Call Engineer Services	18,346.45
100-355-700255	Improvement Inspections	13,883.25
100-355-720401	Other Public Works Maintenance	12,865.31
100-355-720500	Graffiti Removal	5,177.40
100-355-720700	Landscape Maintenance	108,774.16
100-355-720701	Parks Maintenance & Repairs	33,348.96
100-355-720702	Tree Maintenance	5,043.30
100-355-720730	Annual Weed Abatement	97,919.43
100-356-630000	MOE - Communications	31.12
100-356-631400	MOE - Electric (Streetlights &	29,427.28
100-356-631900	MOE - Electric (On-Bill Financing)	738.23
100-420-610000	Memberships & Subscriptions	16.15
100-420-622400	Emergency Preparedness	2,481.21
100-420-646000	Equipment Maintenance &	5,939.59
100-420-646100	Vehicles - Fuel & Maintenance	82.38
100-420-720822	Crossing Guard Services	19,018.35
100-420-720823	Parking Citation Processing	3,885.76
100-420-720835	Fingerprint Identification Services	908.00
100-420-720850	Private Security Patrol	7,308.00
212-355-720400	Street Maintenance	120,624.02
212-355-720410	Street Sweeping	15,430.55
221-310-720000	Contract Services	3,408.00
301-000-790600	Transfers Out to Capital	26,262.62
306-355-700000	Professional Services	23,411.17
311-000-790600	Transfers Out to Capital	19,884.20
600-000-490100	Transfers In from General Fund	(51,856.04)
600-000-490301	Transfers In from CARITS Road	(26,262.62)
600-000-490311	Transfers In from Quimby Act	(19,884.20)
600-251-950168	Traffic Signal Improvements	26,262.62
600-251-950170	Access Ramps	13,025.00
600-252-950241	General Park Renovations	19,884.20
600-255-950505	Civic Center Improvements	38,831.04
Grand Total:		1,311,171.62

Project Account Summary

Project Account Key	Payment Amount
None	1,311,171.62
Grand Total:	1,311,171.62



City of Laguna Hills City Council / Planning Agency Staff Report

Date: October 14, 2025
To: Mayor and Council Members
From: Eric Hendrickson, Finance Director
Issue: Development Impact Fees Report for Fiscal Year 2024-2025

Recommendation: That the City Council approve the Fiscal Year 2024-2025 Development Impact Fees Annual Report pursuant to California Government Code Section 66006.

Background:

Pursuant to Section 66006 of the California Government Code, local agencies are authorized to condition approval of development projects on the payment of development impact fees for the purpose of defraying all or a portion of the cost of public facilities related to the development project. Any local agency that imposes a development impact fee is required to make available to the public a summary of each mitigation fee account on an annual basis. At this time, the City imposes three types of development impact fees on development projects – Public Art Fees, Traffic Mitigation Fees, and Quimby Act Fees – and pursuant to the aforementioned regulations, it is required to make available for public review a summary of activities for each account.

The Mitigation Fee Act, as provided for in Section 66006 of the California Government Code, regulates the means by which public agencies collect, maintain, and spend development impact fees imposed on development projects. The regulations include specific requirements pertaining to governmental accounting, spending, and annual reporting of development impact fees. Each fiscal year (FY) the City is required to make available to the public a summary of each mitigation fee account (“Annual Report”). Moreover, after a 15-day public review period, the City is required to review the Annual Report in a public meeting.

Reporting Requirements

The City imposes three types of development impact fees on development projects: Public Art Fees, Traffic Mitigation Fees, and Quimby Act Fees. Accordingly, as required in the Mitigation Fee Act, the City must make available its Annual Report which includes:

1. A brief description of the type of fee in the account or fund;
2. The amount of the fee;
3. The beginning and ending balance of the account or fund;
4. The amount of the fees collected and interest earned;
5. Identification of each public improvement on which fees were expended and the total amount of the expenditures on each improvement, including the total percentage of the cost of the public improvement that was funded with fees;
6. An identification of an approximate date by which the construction of the public improvement will commence if the local agency determines that sufficient funds have been collected to complete financing on an incomplete public improvement, and the public improvement remains incomplete;
7. A description of each interfund transfer or loan made from the account or fund, including the public improvement on which the transferred or loaned fees will be expended, and, in the case of an interfund loan, the date on which the loan will be repaid, and the rate of interest that the account or fund will receive on the loan; and
8. The amount of any refunds made pursuant to Section 66001(e) and the amount of any allocations pursuant to Section 66001(f).

Furthermore, Section 66008 of the Mitigation Fee Act provides that a local agency shall expend a fee for public improvements solely and exclusively for the purpose for which it is collected. The fee may not be levied, collected, or imposed for general revenue purposes.

Public Review

The Annual Report (attached as “Exhibit A”) was made available for public review at the City Clerk’s Office on September 17, 2025, satisfying the 15-day public review period as required by the Mitigation Fee Act. In addition, the Building Industry Association received an advance copy of the Annual Report on the same date.

Fiscal Impact:

There is no fiscal impact by approving this report.

Attachments:

1. Development Impact Fee Report FY 2024-2025

**FISCAL YEAR 2024-2025
DEVELOPMENT IMPACT FEES ANNUAL REPORT**

The Laguna Hills City Council has adopted three types of development impact fees that it imposes on development projects: Public Art Fees, Traffic Mitigation Fees, and Quimby Act Fees. Pursuant to the Mitigation Fee Act, as provided in Section 66006 of the California Government Code, the City is required to make available for public review a summary of its development impact fees.

Type of Mitigation Fee

The City imposes three types of development impact fees:

- *Public Art Fees:* This fee provides funding for Public Art throughout the City's Urban Village, thereby enhancing the cultural and aesthetic environment of the City and to encourage creativity, education, and appreciation of the arts.
- *Traffic Mitigation Fees:* This fee provides funding for additional or improved traffic signal, operation, and infrastructure improvements for which the demand is generated by new development within the Urban Village.
- *Quimby Act Fees:* This fee provides funding for additional or improved park and/or recreation facilities improvements for which the demand is generated by new residential development within the City.

Amount of Fee

The amounts of the development impact fees are described below:

- *Public Art Fee:* The minimum amount for the public art component or in-lieu fee shall be required of all new development with a total project construction cost of \$250,000 or more pursuant to the following formula:
 - $TCC \times 0.005 = \text{Value of Public Art component or in-lieu fee}$
 - $TCC = \text{Total Construction Cost (permit valuation)}$
 - $0.005 = \text{Minimum value shall be 0.5\% of TCC}$
- *Traffic Mitigation Fee:* The fee shall be three thousand nine hundred fourteen dollars (\$3,914.00) per each new PM peak hour trip as determined by the City Engineer based upon an approved traffic study.
- *Quimby Act Fee:* The amount of land or in-lieu fee to be dedicated shall be determined pursuant to the following formula:
 - $A = 5(DU \times PPD) / 1,000$
 - $\text{In-lieu fee} = A \times FMV$
 - $A = \text{Acres required to be dedicated as parkland}$

- 5.0 = City's park acreage standard (for every 1,000 residents)
- DU = Dwelling Units (number of)
- FMV = Fair Market Value (for one acre of parkland)
- PPD = Persons Per Dwelling (as applicable for the subdivision and type of dwelling units constructed)

Summary of Mitigation Fee Activity

A summary of each type of mitigation fee for fiscal year ending June 30, 2025, is described in the table below:

	Public Art Fees	Traffic Mitigation Fees	Quimby Act Fees
Revenues			
Dev. Impact Fees	\$21,812.62	\$0.00	\$0.00
Interest	\$23,368.19	\$0.00	\$94,626.89
Total Revenue	\$45,180.81	\$0.00	\$94,626.89
Expenditures	\$133,000.00	\$0.00	\$259,848.83
Transfers In/Out	\$0.00	\$0.00	\$0.00
Change in Fund Balance	<\$87,819.19>	\$0.00	<\$165,221.94>
Beginning Fund Balance	\$569,701.73	\$0.00	\$2,110,904.18
Ending Fund Balance	\$481,882.54	\$0.00	\$1,945,682.24

The ending balances were arrived at by adding the fees collected and interest earned to each account and then subtracting the expenditures. The Public Art Fees fund collected \$21,812.62 in new fees (related to one development project at the hospital area) and \$23,368.19 in interest earnings, with an expenditure of \$133,000.00, for a total ending balance of \$481,882.54. The Traffic Mitigation Fees fund had no activity during the fiscal year ending June 30, 2025, and has zero beginning and ending balances. The Quimby Act Fees fund collected \$0 in new fees and \$94,626.89 in interest earnings, with \$259,848.83 in expenditures, for a total ending balance of \$1,945,682.24.

Expenditures

For this section, State law requires an identification of each public improvement on which fees were expended and the amount of expenditures on each improvement, including the total percentage of the costs of the public improvement that was funded with fees. Expenditures in the Quimby Act fund for the fiscal year were \$259,848.83. During FY 2023-24 and FY 2024-25, the City contracted with several qualified park design companies for park improvement plans and playground replacement design. These design services are the preliminary stages that must happen before construction can occur. There were no expenditures in FY 2024-25 from the

Traffic Mitigation Fees fund. Expenditures in the Public Art Fees fund include \$133,000.00, which solely consisted of progress payments to the artist Brittany Ryan for her work on the 3/5 Marines bronze sculpture planned outdoors at the Civic Center.

Construction Commencement Date for Incomplete Improvements

In regard to the Public Art funds, the commissioned sculptor is presently designing and modeling the artwork, as well as working with the foundry to eventually cast the bronze monument. Completion of this artwork is expected in a couple of years, likely in fiscal year 2026-2027. In regard to the Quimby Act funds, the design work is currently underway for park improvements. Construction for park improvements is anticipated in fiscal years 2025-2026 and 2026-2027.

Interfund Transfers and Loans

No interfund transfers were made and no collected fees were loaned to another account in FY 2024-25.

Amount of Refunds

No refunds of any of these funds were made or required in FY 2024-25.

Fifth Year Findings

Pursuant to Government Code Section 66001 (d) (1), fifth year findings must be made with respect to that portion of the account or fund remaining unexpended after the fifth fiscal year following the first deposit into the account or fund, and every five years thereafter. Fifth year findings are not yet necessary, since the available remaining fund balances have not yet reached the five-year point. The funds that comprise the ending balances in both the Public Art fund and the Quimby Fees fund were collected in FY 2022-23.



City of Laguna Hills City Council / Planning Agency Staff Report

Date: October 14, 2025
To: Mayor and Council Members
From: Eric Hendrickson, Finance Director
Issue: Annual Review of Investment and Portfolio Policy and Delegation of Investment Authority to the City Treasurer

Recommendation: That the City Council adopt a Resolution entitled: "A Resolution of the City Council of the City of Laguna Hills, California, delegating investment authority to the City Treasurer and approving a policy for the investment of City funds and rescinding Resolution No. 2024-10-22-1."

Background:

State law specifies that the treasurer or chief fiscal officer of the local agency may annually render to the legislative body of that local agency and any oversight committee of that local agency a statement of investment policy, which the legislative body of the local agency shall consider at a public meeting. The City's current Investment and Portfolio Policies require that the policies be reviewed annually and adopted by resolution of the City Council. State law also allows the City Council to delegate its investment authority to the City Treasurer for up to one year at a time.

Staff has reviewed the 2025 Investment and Portfolio Policy and is not recommending any changes. The proposed 2026 Investment and Portfolio Policy contains the same allowable investments, portfolio diversification, and reporting requirements as the previous year.

The proposed 2026 policy continues to comply with State law and is consistent with the recommended best practices promulgated by the Government Finance Officers Association.

A Resolution to adopt the 2026 Investment and Portfolio Policy and delegate investment authority to the City Treasurer for the year 2026 is attached.

Fiscal Impact:

There is no fiscal impact on approving the policy and delegating authority. Interest earnings have been budgeted to be \$828,600 in fiscal year 2025/2026.

Attachments:

1. Proposed Resolution: Investment Policy 2026
2. Attachment A - Proposed 2026 Investment Policy

RESOLUTION NO. 2025-10-14-X

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LAGUNA HILLS, CALIFORNIA, DELEGATING INVESTMENT AUTHORITY TO THE CITY TREASURER AND APPROVING A POLICY FOR THE INVESTMENT OF CITY FUNDS AND RESCINDING RESOLUTION NO. 2024-10-22-1

WHEREAS, pursuant to Laguna Hills Municipal Code Section 2-16.020, the City Council has appointed the City Manager as the City Treasurer; and

WHEREAS, pursuant to Government Code Section 53607, the City Council may delegate its investment authority to the City Treasurer for up to one year; and

WHEREAS; pursuant to Government Code Section 53646, the City Council of the City of Laguna Hills, has publicly considered an annual statement of investment policy and desires to adopt such policy to guide the investment management of the Deputy Treasurer under the supervision of the City Treasurer.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF LAGUNA HILLS, CALIFORNIA, DOES RESOLVE, DECLARE, DETERMINE, AND ORDER AS FOLLOWS:

SECTION 1. This Resolution rescinds Resolution 2024-10-22-1.

SECTION 2. The City Council hereby delegates investment authority to the City Treasurer.

SECTION 3. The City Council hereby adopts the investment policy, attached hereto as Exhibit "A" and incorporated herein by this reference.

SECTION 4. The effective date of this Resolution is January 1, 2026.

PASSED, APPROVED, AND ADOPTED this 14th day of October 2025.

JOSHUA SWEENEY, MAYOR

ATTEST:

JENNIFER LEE, CITY CLERK

STATE OF CALIFORNIA)
COUNTY OF ORANGE) ss
CITY OF LAGUNA HILLS)

I, Jennifer Lee, City Clerk of the City of Laguna Hills, California, DO
HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution
No. 2025-10-14-X adopted by the City Council of the City of Laguna Hills, California, at a
Regular Meeting thereof held on the 14th day of October 2025, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

(SEAL)

JENNIFER LEE, CITY CLERK



CITY OF LAGUNA HILLS

2026 INVESTMENT & PORTFOLIO POLICY



Investment and Portfolio Policies

Calendar Year 2026

TABLE OF CONTENTS

I. Policy	1
II. Scope	1
III. Objectives.....	1
IV. Standards of Care.....	3
V. Safekeeping and Custody	4
VI. Authorized and Suitable Investments.....	5
VII. Competitive Selection of Investment Instrument.....	7
VIII. Reporting.....	7
IX. Annual Investment Policy and Adoption.....	8
Appendix A - Glossary of Terms.....	9

I Policy

It is the Policy of the City of Laguna Hills to invest in a manner, which will ensure the safety of public funds by mitigating credit and interest rate risk, and provide sufficient liquidity to meet all operating requirements. The City shall also strive to attain a return on investment that is reasonable given that safety of principal and liquidity are the primary objectives in these policies and yield is secondary. The investment program shall be operated in conformity with federal, state and other legal requirements, including the State of California Government Code Section 53601, et, seq., these policies and written administrative procedures.

II Scope

This investment policy applies to the investment of all funds of the City and the City of Laguna Hills Public Improvement Corporation, including the following:

General Fund
Special Revenue Funds
Capital Projects Funds
Funds Held Under Trust Indenture

These funds are accounted for in the City's Annual Comprehensive Financial Report.

Except for cash in certain restricted and special funds, the City will consolidate cash and reserve balances from all funds to maximize investment earnings and to increase efficiencies with regard to investment pricing, safekeeping and administration. Investment income will be allocated to the various funds based on their respective participation and in accordance with generally accepted accounting principles.

Investments under the trust indenture will be held separately and made in accordance with the indenture requirements.

III Objectives

Funds of the City will be invested, by the City Treasurer, or authorized deputies of the Treasurer (hereinafter collectively referred to as "the Treasurer") in accordance with these policies and written administrative procedures. The primary objectives, in priority order, of investment activities shall be:

1) Safety

Safety of principal is the foremost objective of the City's investment program. Investments shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio and the mitigation of credit risk and interest rate risk.

a) Credit Risk

Credit Risk is the risk of loss due to the failure of the security issuer or backer. Credit Risk may be mitigated by:

- i. limiting investments to the safest types of securities listed under Section VI herein, which shall be limited to those investments backed by the U.S. Government, or an agency thereof, overnight accounts managed by the City's primary bank, the Local Agency Investment Fund (LAIF), and other specific investments described in Section VI;
- ii. diversifying the portfolio to avoid concentration of securities from a specific issuer, except issuers of U.S. Treasury securities, so that the failure of any one issuer will not place an undue financial burden on the City;
- iii. monitoring all of the City's investments on a frequent basis to anticipate and respond accordingly to a significant reduction of creditworthiness of any of the depositories, including the City's primary bank; and
- iv. performing appropriate due diligence to assure the credit worthiness of any portfolio investment made.

b) Interest Rate Risk

Interest rate risk is the risk that the market value of securities in the portfolio will fall due to changes in general interest rates. To reduce interest rate risk, the City shall limit the maximum maturity horizon of the securities that comprise its portfolio, keeping in mind that the longer the maturity horizon, the greater the price volatility. In accordance with the Government Accounting Standards Board reporting requirements, the portfolio could show unrealized gains or losses for any reporting period.

Interest rate risk may be mitigated by:

- i. structuring the investment portfolio so that securities mature to meet cash requirements for ongoing operations, thereby avoiding the need to sell securities on the open market prior to maturity; and
- ii. investing operating funds primarily in shorter-term securities.

2) Liquidity

The investment portfolio shall remain sufficiently liquid to meet all operating requirements that may be reasonably anticipated. This is accomplished by structuring the portfolio so that securities mature concurrent with cash needs to meet anticipated demands (static liquidity). Since all possible cash demands cannot be anticipated, the portfolio should consist largely of securities with active secondary or resale markets (dynamic liquidity) and a portion of the portfolio should be invested in readily available funds, to ensure that appropriate liquidity is maintained to meet ongoing obligations.

3) Yield

The rate of return on the City's investment portfolio is of secondary importance to the safety and liquidity objectives described above. The City's investment strategy is passive and investments are limited to relatively low-risk securities in anticipation of earning a rate of return throughout

budgetary and economic cycles, commensurate with the City's investment risk constraints and the cash flow characteristics of the portfolio.

The yield shall be designed to attain an average rate of return through market cycles. Although no "benchmark" rate of return is assumed, the portfolio's yield shall be compared for reporting purposes to LAIF and the 3-month bank CD rate published by the Federal Reserve. These indices are considered benchmarks for lower risk investment transactions and therefore represent a comparable minimum standard for the portfolio's rate of return.

IV Standards of Care

1) Prudence

The City's investment portfolio is subject to public scrutiny and review and should be managed with due care and consideration. The portfolio should be created and maintained with the professionalism and care worthy of the public trust.

The standard of prudence to be applied to the Treasurer shall be the "prudent investor rule", which states, "when investing, reinvesting, purchasing, acquiring, exchanging, selling, and managing public funds, a trustee (the governing body or Treasurer) shall act with care, skill, prudence, and diligence under the circumstances then prevailing, that a prudent person, acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency."

The Treasurer, acting in accordance with written procedures and exercising due diligence, shall not be held personally responsible for a specific security's credit risk or market price changes, provided that these deviations are reported immediately and that appropriate action is taken to control adverse developments.

2) Ethics and Conflict of Interest

Employees of the City shall refrain from personal business activity that could conflict with the proper execution of the investment program, or which could impair their ability to make impartial investment decisions. State law, City statutes, and City personnel and purchasing practices shall be followed to avoid conflict of interest or the appearance thereof. Employees shall disclose any financial interests or personal relationships with any financial institutions, brokers or securities dealers that conduct business within its jurisdiction, and any personal financial/investment positions that could be related to their management of the portfolio. The Treasurer shall be prohibited from doing business with any broker or securities dealer with whom the City does business, with the exception of the City's primary bank for banking services. Employees shall subordinate their personal investment transactions to those of the City, particularly with regard to the time of purchases and sales.

3) Delegation of Authority

Authority to manage the City's investment program is delegated to the City Treasurer by Resolution of the City Council of the City of Laguna Hills, California. Management responsibility is hereby delegated to the Finance Director/Deputy Treasurer under the direction of the City Treasurer.

The Deputy Treasurer shall establish procedures for the operation of the investment program consistent with this investment policy, together with a system of internal controls to regulate the activities of subordinates.

V Safekeeping and Custody

1) Authorized Financial Institutions, Depositories and Brokers/Dealers

Investment transactions will be undertaken with securities dealers, brokers and depositories authorized to provide investment services. In addition, the City shall maintain a "Qualified Institution" list of approved security broker/dealers selected by creditworthiness, including the minimum capital requirement of \$10 million and at least five years of operation. The City shall conduct periodic evaluations, or whenever deemed necessary, of each financial institution's standing to determine whether it should remain on the "Qualified Institution" listing. Securities dealers not affiliated with a bank shall be required to be classified as reporting dealers affiliated with the New York Federal Reserve Bank, as primary dealers that qualify under Securities and Exchange Commission Rule 15C3-1 (uniform net capital rule).

All financial institutions and brokers/dealers who desire to become qualified for investment transactions with the City must supply the following:

- 1) Audited financial statements demonstrating compliance with State and Federal capital adequacy guidelines. Audited financial statements will be submitted annually to the City.
- 2) Proof of National Association of Securities Dealers (NASD) certification, except for counterparties in Certificates of Deposits transactions.
- 3) Proof of State Registration
- 4) Completed broker/dealer questionnaire, except for Certificates of Deposits counterparties.
- 5) Certification of having read and understood and agreeing to comply with the City's Investment Policies, as well as to disclose potential conflicts or risks to public funds that might arise out of business transactions between the firm/depository and the City.
- 6) Evidence of adequate insurance coverage.

In addition, all financial institutions shall agree to undertake reasonable efforts to preclude imprudent transactions involving the City's funds. The supervising officer shall agree to exercise due diligence in monitoring the activities of other officers and subordinate staff members engaged in transactions with the City. Employees of any firm or financial institution offering securities or

investments to the City shall be trained in the precautions appropriate to public-sector investment and shall be required to familiarize themselves with the City's Investment and Portfolio Policies.

2) Internal Control

Treasurer shall establish a system of written internal control policies and procedures, which shall be reviewed annually by the independent auditor. The controls shall be designed to prevent loss of public funds due to fraud, error, misrepresentation, unanticipated market changes or imprudent actions.

3) Delivery vs. Payment

All trades where applicable will be executed by delivery vs. payment (DVP). This ensures that securities are deposited in the eligible financial institution prior to the release of funds. A third party custodian or the trust department of the City's primary bank will hold securities. Evidence of safekeeping shall be in the form of safekeeping receipts and monthly statements reporting the securities held by the institution.

VI Authorized and Suitable Investments

1) Investment Types

Investment of City funds are restricted to the following instruments that shall mature within one year from the time of purchase unless otherwise stated:

- a) U.S. Treasury bills.
- b) U.S. Treasury notes or bonds.
- c) Insured or fully collateralized certificates of deposit issued by a qualified Public Depository Institution of the State of California.
- d) Money market mutual funds whose portfolios consist entirely of U.S. government securities and are rated at the highest letter or numerical rating from at least two of the three largest nationally recognized rating services, or which retain an Investment advisor meeting requirements specified in Government Code Section 53601(k)(2).
- e) State Treasurer's Local Agency Investment Fund.
- f) Overnight Government Securities (U.S. Treasuries, Agencies, and Instrumentalities) Investment Account managed by the City's primary bank.
- g) Overnight Commercial Paper Investment Account managed by the City's primary bank.
- h) Overnight repurchase agreements managed by the City's primary bank where the market value of the securities underlying the repurchase agreement is 102 percent or greater than the value of funds borrowed.
- i) Commercial Paper rated a minimum of "P-1" by Moody's and "A-1" by Standard and Poor's, or equivalent, as provided by a nationally recognized rating agency, maturing not more than 180 days after the date of purchase. The issuer is a corporation organized and operating in the United States with assets in excess of \$500 million.

CITY OF LAGUNA HILLS
INVESTMENT AND PORTFOLIO POLICIES
2026

- j) Prime Bankers' Acceptances with a maximum term of 270 days and a rating of "P-a" by Moody's and "A-1 +" by Standard and Poor's or equivalent as provided by a nationally recognized rating agency issued within the U.S. by depository institutions.
- k) Investment Trust of California, a Joint Powers Authority, doing business as CalTRUST

In all instances, the City will not purchase the aforementioned instruments by the use of leveraged or margin accounts or by taking short positions in any investment instrument; i.e., selling investments the City does not own.

Investments of funds held under a trust indenture may have maturities up to two years in duration.

2) Portfolio Diversification

The City will diversify use of investment instruments to avoid incurring unreasonable risks inherent in over investing in specific instruments, individual financial institutions or maturities.

<u>DIVERSIFICATION BY INVESTMENTS</u>	Maximum Percent of Portfolio
U.S. Treasury Obligations (bills, notes and bonds)	50%
Certificates of Deposit (CDs) Commercial Banks	50%
Certificates of Deposit (CDs) Savings and Loan	25%
State Treasurer's Local Agency Investment Fund	100%
CalTRUST	100%
Overnight investment accounts managed by City's primary bank	50%
Commercial Paper	10%
Banker's Acceptances	15%
Money Market Mutual Funds	15%

<u>DIVERSIFICATION BY INSTITUTION/ISSUER</u>	Maximum Percent of Portfolio
Certificates of Deposit (CDs) Commercial Banks	25%
Certificates of Deposit (CDs) Savings and Loan	\$250,000 maximum

If at any point the above-stated maximum percentage of portfolio becomes out of compliance, the City Treasurer shall have 60 days to reallocate funds to become compliant.

3) Maximum Maturities

Investment maturities for operating funds shall be scheduled to coincide with projected cash flow needs, taking into account large routine expenditures as well as considering sizable blocks of anticipated revenue.

4) Collateralization

Collateralization will be required on repurchase agreements in order to anticipate market changes and provide a level of security for all funds.

For certificates of deposits greater than \$250,000, collateral will be required at 110% of principal for government securities collateral, and 150% of principal for first mortgage collateral. Certificates of deposits for \$250,000 or less, inclusive of earned interest at maturity may be invested in any FDIC insured commercial bank or savings and loan accounts.

Collateral will always be held by an independent third party, or the trust departments of the City's primary bank. A clearly marked evidence of ownership, such as safekeeping receipt and monthly statement of securities held must be provided to the City.

VII Competitive Selection of Investment Instruments

When purchasing or selling securities, the Treasurer shall select the security which provides the highest rate of return within the parameters of these policies and according to the current objectives and needs of the City's portfolio. The Treasurer, at his discretion, may purchase investments through the investment or trust department of the City's primary bank without soliciting proposal forms to other banks or broker/dealers. The City Treasurer may also purchase investments using a competitive process by soliciting proposals from the financial dealers in the "Qualified Institutions" list.

If a specific maturity date is required, either for cash flow purposes or for conformance to maturity guidelines, bids will be requested for instruments, which meet the maturity requirement. If no specific maturity is required, a market trend (yield curve) analysis will be conducted to determine which maturities would be most advantageous. Selection by comparison to a current market price may be utilized when, in the judgment of the Treasurer, competitive bidding would inhibit the selection process.

VIII Reporting

The Treasurer shall submit monthly investment reports to the City Council that summarizes recent market conditions, economic developments and anticipated investment conditions. The report shall summarize the investment strategies employed in the most recent quarter and describe the portfolio in terms of investment securities, maturities, risk characteristics and other pertinent features. The report shall explain the quarter's total investment return and compare the return on LAIF and the 3-month bank CD rate published by the Federal Reserve. The report shall disclose all transactions during the quarter.

**CITY OF LAGUNA HILLS
INVESTMENT AND PORTFOLIO POLICIES
2026**

As part of the City's annual audit, the independent auditor shall evaluate investment performance and conduct an operations audit. The purpose of these examinations shall be to obtain suggestions for improved future performance, and to verify that the Treasurer has acted in accordance with this investment policy and written investment procedures.

IX Annual Investment Policy and Adoption

The City's investment policy shall be annually reviewed and adopted by resolution of the City Council of the City of Laguna Hills, California. The policy and the related internal control procedures shall be reviewed annually by the City's independent auditors, and any modifications to the policy must be approved by the City Council.

Appendix A – Glossary of Terms

ACCRUED INTEREST: Interest earned but not yet received.

ACTIVE DEPOSIT: Funds which are immediately required for disbursement.

AGENCIES: Federal agency securities and/or government-sponsored enterprises.

AMORTIZATION: An accounting practice of gradually decrease/increasing an asset's book value by spreading its depreciation/accretion over a period of time.

ANNUAL COMPREHENSIVE FINANCIAL REPORT (ACFR): The official annual report of the City. It is the set of financial statements for a state, municipality or other governmental entity that comply with the accounting requirements established by the Governmental Accounting Standards Board (GASB). It includes combined statements prepared in conformity with Generally Accepted Accounting Principles (GAAP). It also includes supporting schedules necessary to demonstrate compliance with finance-related legal and contractual provisions, extensive introductory material, and a detailed Statistical Section.

ASKED PRICE: The price at which securities are offered.

BANKERS' ACCEPTANCE: a draft or bill exchange accepted by a bank or trust company. The accepting institution guarantees payment of the bill, as well as the issuer.

BASIS POINT: One one-hundredth of one percent (.01%)

BEAR MARKET: A period of generally pessimistic attitudes and declining market prices.

BENCHMARK: A comparative base for measuring the performance or risk tolerance of the investment portfolio. A benchmark should represent a close correlation to the level of risk and average duration of the portfolio's investments.

BID PRICE: The price offered by a buyer of securities. (When you are selling securities, you ask for a bid). See Offer Price and Asked Price.

BOND: A financial obligation for which the issuer promises to pay the bondholder a specified stream of future cash flows, including periodic interest payments and a principal repayment.

BOND EQUIVALENT YIELD: The basis on which yields on notes and bonds are quoted.

BOOK VALUE (COST VALUE): The purchase price at which a debt security is shown on the holder's balance sheet. Book value is the purchase price less amortization of premium or plus accretion of discount.

BROKER: An individual or firm that brings buyers and sellers together for commission.

BULL MARKET: A period of time of generally optimistic attitudes and increasing market prices.

CALLABLES: Securities that the issuer has the right to redeem prior to maturity.

CITY OF LAGUNA HILLS INVESTMENT AND PORTFOLIO POLICIES 2026

CERTIFICATE OF DEPOSIT (CD): A time deposit with a specific maturity evidenced by a certificate. Large denomination CD's are typically negotiable. CD's may be eligible for FDIC insurance.

COLLATERAL: Securities, evidence of deposit, or other property which a borrower pledges to secure repayment of a loan. Also refers to securities pledged by a bank to secure deposits of public monies.

CONSTANT MATURITY TREASURY (CMT): An average yield of a specific Treasury maturity sector for a specific time frame. This is a market index for reference of past direction of interest rates for a given Treasury maturity range.

COST VALUE (BOOK VALUE): The purchase price at which a debt security is shown on the holder's balance sheet.

COUPON: a) The annual rate of interest that a bond's issuer promises to pay the bondholder on a bond's face value; b) a certificate attached to a bond evidencing interest due on a payment date.

CREDIT ANALYSIS: A critical review and appraisal of the economic and financial conditions or of the ability to meet debt obligations.

CURRENT YIELD: The interest paid on an investment expressed as a percentage of the current price of the security.

CUSTODY: A banking service that provides safekeeping for the individual securities in a customer's investment portfolio under a written agreement which also calls for the bank to collect and pay out income, to buy, sell, receive and deliver securities when ordered to do so by the principal.

DEALER: A dealer, as opposed to a broker, acts as a principal in all transactions, buying and selling for his own account.

DEBENTURE: A bond secured only by the general credit of the issuer.

DELIVERY VERSUS PAYMENT: There are two methods of delivery of securities: delivery versus payment and delivery versus receipt. Delivery versus payment is delivery of securities with an exchange of money for the securities. Delivery versus receipt is delivery of securities with an exchange of a signed receipt for the securities.

DEMAND DEPOSIT ACCOUNT: Accounts whose balance is available to meet immediate cash needs. Cash withdrawals can be made at any time.

DERIVATIVES: (1) Financial instruments whose return profile is linked to, or derived from, the movement of one or more underlying index(s) or security(s), and may include a leveraging factor, or (2) financial contracts based upon notional amounts whose value is derived from an underlying index or security (interest rates, foreign exchange rates, equities or commodities). Moreover, financial products that are dependent for their value on an underlying financial instrument, a commodity, or an index representing values of groups of such instruments or assets.

DISCOUNT: The difference between the cost price of a security and its maturity when quoted at a lower than face value. A security selling below original offering price shortly after sale is also considered to be at a discount.

CITY OF LAGUNA HILLS INVESTMENT AND PORTFOLIO POLICIES 2026

DISCOUNT SECURITIES: Non-interest bearing money market instruments that are issued a discount and redeemed at maturity for full face value, e.g., U.S. Treasury Bills.

DIVERSIFICATION: Dividing investment funds among a variety of securities offering independent returns.

DURATION: The weighted average maturity of a bond's cash flow stream, where the present value of the cash flows serve as the weights; The future point in time at which on average, an investor has received exactly half of the original investment, in present value terms; A bond's zero-coupon equivalent; The fulcrum of a bond's present value cash flow time line.

FANNIE MAE: Trade name for the Federal National Mortgage Association (FNMA). See FNMA.

FED WIRE: A wire transmission service established by the Federal Reserve Bank to facilitate the transfer of funds through debits and credits of funds between participants within the Fed system.

FEDERAL CREDIT AGENCIES: Agencies of the Federal Government set up to supply credit to various classes of institutions and individuals, e.g., Savings and Loans, small business firms, students, farm cooperatives, and exporters.

FEDERAL DEPOSIT INSURANCE CORPORATION (FDIC): A federal agency that insures bank deposits, currently up to \$250,000 per entity; Insurance provided to customers of a subscribing bank, which guarantees deposits to a set limit.

FEDERAL FUNDS RATE: The rate of interest at which Federal funds are traded. This rate is currently pegged by the Federal Reserve through open-market operations.

FEDERAL HOME LOAN BANKS (FHLB): Government sponsored wholesale banks, which lend funds and provide correspondent banking services to member commercial banks, thrift institutions, credit unions and insurance companies. The mission of the FHLBs is to liquefy the housing related assets of its members who must purchase stock in their district bank.

FEDERAL HOME LOAN MORTGAGE CORPORATION (FHLMC): The FHLMC was created under the Federal Home Loan Mortgage Act, Title III of Emergency Home Finance Act of 1970, as a stockholder owned government-sponsored enterprise. **Freddie Mac**, as the corporation is called, is charged with providing stability and assistance to the secondary home mortgage market by buying first mortgages and participation interests and reselling these securities in the form of guaranteed mortgage securities. Although agency obligations are not explicitly guaranteed by the federal government, the rating agencies believe that in the unlikely event of financial difficulties, the federal government will support the agency to the extent necessary to provide for full and timely payment on their securities.

FEDERAL NATIONAL MORTGAGE ASSOCIATION (FNMA): FNMA, like GNMA, was chartered under the Federal National Mortgage Association Act in 1938. FNMA is a federal corporation working under the auspices of the Department of Housing and Urban Development (HUD). **Fannie Mae**, as the corporation is called, is a private stockholder-owned corporation. The corporation's purchases included a variety of adjustable mortgages and second loans, in addition to fixed-rate mortgages. FNMA's securities are also highly liquid and are widely accepted. FNMA assumes and guarantees that all security holders will receive timely payment of principal and interest.

CITY OF LAGUNA HILLS INVESTMENT AND PORTFOLIO POLICIES 2026

FEDERAL OPEN MARKET COMMITTEE (FOMC): Consists of seven members of the Federal Reserve Board and five of the twelve Federal Reserve Bank Presidents. The President of the New York Federal Reserve Bank is a permanent member, while the other Presidents serve on a rotating basis. The Committee periodically meets to set Federal Reserve guidelines regarding purchases and sales of Government Securities in the open market as a means of influencing the volume of bank credit and money.

FEDERAL RESERVE SYSTEM: The central bank of the United States created by Congress and consisting of a seven member Board of Governors in Washington, D.C., 12 regional banks and about 5,700 commercial banks that are members of the system.

FINANCIAL ADVISOR: A firm of bank that acts in a financial advisory capacity with respect to a new issue of municipal securities pursuant to a written contract.

FISCAL AGENT/SPONSOR: a) A fiscal agent, fiscal sponsor, or financial agent is a proxy that manages fiscal matters on behalf of another party. b) A financial institution with trust powers which acts in a fiduciary capacity for the benefit of the bondholders in enforcing the terms of the bond contract. A fiscal agent may assist in the redemption of bonds or coupons at maturity, disbursing dividends, and handling tax issues. For example, the United States Federal Reserve is the fiscal agent of the federal government of the United States.

FREDDIE MAC: The trade name for the Federal Home Loan Mortgage Corporation. See FHLMC.

GINNIE MAE: The trade name for the Government National Mortgage Association. See GNMA.

GOVERNMENT ACCOUNTING STANDARDS BOARD: The independent organization that establishes and improves standards of accounting and financial reporting for U.S. state and local governments.

GOVERNMENT NATIONAL MORTGAGE ASSOCIATION (GNMA): Securities influencing the volume of bank credit guaranteed by GNMA and issued by mortgage bankers, commercial banks, savings and loan associations, and other institutions. Security holder is protected by the full faith and credit of the U.S. Government. **Ginnie Mae**, as these securities are called, are backed by the FHA, VA, or FmHA mortgages. The term “pass-throughs” is often used to describe Ginnie Maes.

INACTIVE DEPOSITS: Funds not immediately needed for disbursements.

INTEREST RATE: The annual yield earned on an investment, expressed as a percentage.

INVESTMENT AGREEMENTS: An agreement with a financial institution to borrow public funds subject to certain negotiated terms and conditions concerning collateral, liquidity and interest rates.

LIQUIDITY: Refers to the ability of an asset to be converted easily and rapidly into cash without a substantial loss of value. In the money market, a security is said to be liquid if the spread between bid and asked prices is narrow and reasonable size can be done on these quotes.

LOCAL AGENCY INVESTMENT FUND (LAIF): The Local Agency Investment Fund (LAIF), is a voluntary program created by statute; began in 1977 as an investment alternative for California's local governments and special districts and it continues today under the California State Treasurer's administration. The enabling legislation for the LAIF is Section 16429.1 et seq. of the California Government Code. This program offers local agencies the opportunity to participate in a major portfolio, which invests hundreds of millions of dollars, using the investment expertise of the State Treasurer's Office investment staff at no additional cost to the taxpayer.

CITY OF LAGUNA HILLS INVESTMENT AND PORTFOLIO POLICIES 2026

This in-house management team is comprised of civil servants. The Local Investment Advisory Board (LIAB) provides oversight for LAIF. The LAIF is part of the Pooled Money Investment Account (PMIA).

LOCAL GOVERNMENT INVESTMENT POOL (LGIP): The aggregate of all funds from political subdivisions that are placed in the custody of the State Treasurer for investment and reinvestment.

MARKET VALUE: The price at which a security is trading and could presumably be sold.

MASTER REPURCHASE AGREEMENT: A written contract covering all future transactions between the parties repurchase/reverse repurchase agreement that establishes each party's in the transactions. A master agreement will often specify, among other things, the right of the buyer-lender to liquidate the underlying securities in the event of default by the seller borrower.

MATURITY: The date upon which the principal or stated value of an investment becomes due and payable.

MONEY MARKET MUTUAL FUNDS: Open-ended mutual fund that invests in commercial paper, bankers' acceptances, repurchase agreements, government securities, certificates of deposit, and other highly liquid and safe securities, and pays money market rates of interest. The fund's net asset value remains a constant \$1/share, with the interest rate increasing or decreasing.

NATIONAL RECOGNIZED STATISTICAL RATING ORGANIZATION (NRSRO): A rating organization designated by the SEC as being nationally recognized.

NEW ISSUE: Term used when a security is originally "brought" to market.

OFFER PRICE: The price at which a broker/dealer/seller will offer securities to an investor. See Asked Price and Bid Price.

OPEN MARKET OPERATIONS: Purchases and sales of government and certain other securities in the open market by the New York Federal Reserve Bank as directed by the FOMC, in order to influence the volume of money and credit in the economy. Purchases inject reserves into the bank system and stimulate growth of money and credit; Sales have the opposite effect. Open market operations are the Federal Reserve's most important and most flexible monetary policy tool. Under the Federal Reserve Act, the Fed uses purchases and sales of government and Federal Agency securities to add to or subtract from commercial bank reserves. Goals are to sustain economic growth, high employment, and reasonable price stability.

PAPER GAIN OR LOSS: Term used for unrealized gain or loss on securities being held in a portfolio based on comparison of current market quotes and their original cost. This situation exists, as long as the security is held while there is a difference between cost value (book value) and the market value.

PERFECTED DELIVERY: Refers to an investment where the actual security or collateral is held by an independent third party representing the purchasing entity.

POOLED MONEY INVESTMENT ACCOUNT (PMIA): The PMIA began in 1955 and oversight is provided by the Pooled Money Investment Board (PMIB) and an in-house Investment Committee. The Investment Division of the State Treasurer's Office manages the PMIA under statutory authority granted by California Government Code sections 16430 and 16480.4. The Pooled Money Investment Board governs the PMIA. The State Treasurer chairs the Board, which also includes the State Controller and the State Director of Finance. Through PMIA, the State Treasurer invests taxpayers' money to manage the State's cash flow and strengthen the

CITY OF LAGUNA HILLS INVESTMENT AND PORTFOLIO POLICIES 2026

financial security of local governmental entities. The PMIA has three primary sources of funds: the State general fund; special funds held by State agencies; and moneys deposited by cities, counties and other entities into the Local Agency Investment Fund (LAIF).

PORTFOLIO: Collection of securities held by an investor.

PRIMARY DEALER: A group of government securities dealers who submit daily reports of market activity and positions and monthly financial statements to the Federal Reserve Bank of New York and are subject to its informal oversight. Primary dealers include Securities and Exchange Commission (SEC)-registered securities broker-dealers, banks, and a few unregulated firms.

PRUDENT PERSON RULE: An investment standard. In some states the law requires that a fiduciary, such as a trustee, may invest money only in a list of securities selected by the custody state - the so called legal list. In other states, the trustee may invest in a security if it is one which would be bought by a prudent person of discretion and intelligence who is seeking a reasonable income and preservation of capital,

PURCHASE DATE: The date in which a security is purchased for settlement on that or a later date.

QUALIFIED PUBLIC DEPOSITORIES: A financial institution which does not claim exemption from the payment of any sales or compensating use or ad valorem taxes under the laws of this state, which has segregated for the benefit of the commission eligible collateral having a value of not less than its maximum liability and which has been approved by the Public Deposit Protection Commission to hold public deposits.

RATE OF RETURN: The yield obtainable on a security based on its purchase price or its current market price. This may be the amortized yield to maturity on a bond or the current income return.

REPURCHASE AGREEMENT (RP or REPO): A holder of securities sells these securities to an investor with an agreement to repurchase them at a fixed price on a fixed date. The security "buyer" in effect lends the "seller" money for the period of the agreement, and the terms of the agreement are structured to compensate for this. Dealers use RP extensively to finance their positions. Exception: When the Fed is said to do be doing RP, it is lending money, that is, increasing bank reserves.

REVERSE REPURCHASE AGREEMENT (Reverse REPO): A reverse-repurchase agreement (reverse repo) involves an investor borrowing cash from a financial institution in exchange for securities. The investor agrees to repurchase the securities at a specified date for the same cash value plus an agreed upon interest rate. Although the transaction is like a repo, the purpose of entering into a reverse repo is quite different. While a repo is a straightforward investment of public funds, the reverse repo is borrowing.

RISK: Degree of uncertainty of return on an asset.

SAFEKEEPING: a) The service provided by banks and trust companies for clients when the bank or trust company stores the securities, takes in coupon payments, and redeems issues at maturity b) A service to customers rendered by banks for a fee whereby securities and valuables of all types and descriptions are held in a bank's vaults for protection. See custody.

SEC RULE 15(C)3-1: See Uniform Net Capital Rule. Also called Net Capital Rule and Net Capital Ratio.

SECONDARY MARKET: A market made for the purchase and sale of outstanding issues following the initial distribution.

CITY OF LAGUNA HILLS INVESTMENT AND PORTFOLIO POLICIES 2026

SECURITIES AND EXCHANGE COMMISSION (SEC): Agency created by Congress to protect investors in securities transactions by administering securities legislation.

SETTLEMENT DATE: The date at which a trade is cleared by delivery of securities against funds.

SPREAD: a) The yield or price difference between the bid and offer on an issue. b) The yield or price difference between issues.

STRUCTURED NOTES: Notes issued by Government Sponsored Enterprises (FHLB, FNMA, etc.) and Corporations that have imbedded options (e.g., call features, step-up coupons, floating rate coupons, derivatives-based returns) into their debt structure. Their market performance is impacted by the fluctuation of interest rates, the volatility of the imbedded options, and shifts in the shape of the yield curve.

SWAP: The sale of one issue and the simultaneous purchase of another for some perceived advantage.

TREASURY BILLS: A non-interest bearing discount security issued by the U.S. Treasury to finance the national debt. Most bills are issued to mature in three months, six months, or one year.

TREASURY BONDS: Long-term coupon-bearing U.S. Treasury securities issued as direct obligations of the U.S. Government and having initial maturities of more than ten (10) years.

TREASURY NOTES: Medium-term coupon-bearing U.S. Treasury securities issued as direct obligations of the U.S. Government and having initial maturities from two (2) to ten (10) years.

TRUST COMPANY: A trust company is a legal entity that acts as a fiduciary or agent on behalf of a person or business, for the purpose of administration, management and the eventual transfer of assets to a beneficial party. The trust company acts as a custodian for trusts, estates, custodial arrangements, asset management, stock transfer, beneficial ownership registration and other related arrangements. See Trustee.

TRUSTEE: A financial institution with trust powers that act in a fiduciary capacity for the benefit of the bondholders in enforcing the terms of the bond contract. See Trust Company.

U.S. GOVERNMENT AGENCIES: Instruments issued by various U.S. Government Agencies most of which are secured only by the credit worthiness of the particular agency.

UNIFORM NET CAPITAL RULE: Securities and Exchange Commission requirement that member firms as well as nonmember broker-dealers in securities maintain a maximum ratio of indebtedness to liquid capital of 15 to 1; Also called **SEC RULE 15(C)3-1, Net Capital Rule** and **Net Capital Ratio**. Indebtedness covers all money owed to a firm, including margin loans and commitments to purchase securities, one reason new public issues are spread among members of underwriting syndicates. Liquid capital includes cash and assets easily converted into cash.

YIELD: The rate of annual income return on an investment, expressed as a percentage. a) **INCOME YIELD** is obtained by dividing the current dollar income by the current market price for the security. b) **YIELD AT MATURITY** is the current income yield minus any premium above par or plus any discount from par in purchase price, with the adjustment spread over the period from the date of purchase to the date of maturity of the bond.

YIELD CURVE: Yield calculations of various maturities at a given time to observe spread difference.



City of Laguna Hills City Council / Planning Agency Staff Report

Date: October 14, 2025
To: Mayor and Council Members
From: Joe Ames, Interim City Manager
Issue: Proposed Amendment No. 1 to Amended and Restated Agreement to Commission Original Art Work for 3rd Battalion, 5th Marines Darkhorse Bronze Memorial Sculpture with Brittany Ryan Studio, LLC

Recommendation: That the City Council approve and authorize the Interim City Manager to execute Amendment No. 1 to Amended and Restated Agreement to Commission Original Art Work for 3rd Battalion, 5th Marines Darkhorse Bronze Memorial Sculpture with Brittany Ryan Studio, LLC.

Background:

In 2008, the City of Laguna Hills adopted the 3rd Battalion, 5th Marines (Darkhorse) to strengthen ongoing community support for the Marines, Sailors, and their families. This partnership led to the creation of Team Darkhorse, a non-profit organization dedicated to supporting the battalion, and sparked several initiatives, including renaming the annual Memorial Day Half Marathon in their honor and creating tribute banners for fallen Marines.

In 2022, the City Council established the 3/5 Battalion Memorial Ad Hoc Committee to design and develop a permanent monument at the Civic Center. After commissioning Brittany Ryan Studios ("Artist") in 2023, a conceptual design was approved, but the final 30-inch bronze sculpture was not authorized in July 2024. As a result, the City Council explored two alternative design concepts: the Single Arch Wall Design and the Five Figures on Patrol Design.

At the November 19, 2024, City Council meeting, the City Council chose the "Five Figures on Patrol Design" recommended by the 3/5 Battalion Memorial Ad Hoc

Committee and authorized the Mayor to execute the Amended and Restated Agreement with the Artist.

The molding process is nearly complete. In preparation for the foundry bronzing process, the Artist has been in communication with the foundry and after discussion with the foundry on the logistics of the bronzing process, the Artist has determined that it is necessary for the sculptures of the five figures to be delivered to the foundry in two parts. Therefore, the Artist is requesting a change in the payment schedule as follows:

1. Adjustment to Payment #4:

- Current Schedule:
 - Payment 4: \$113,000 upon beginning of the molding process
- Proposed Schedule (Revised; split into 4 and 4A):
 - Payment 4: \$50,000 — upon initiation of the Molding Phase.
 - Payment 4A: \$63,000 — upon delivery to the foundry of the second shipment of sculptures.

2. Adjustment to Payment #6:

- Current Schedule: Payment #6 – \$60,000 upon installation
- Proposed Schedule (Revised; split into 6 and 6A):
 - Payment 6: \$55,000 — upon completion of bronzes at the foundry.
 - Payment 6A: \$5,000 — upon final installation of the sculpture at the City-selected site and acceptance by City.

These proposed changes do not affect the total fee paid for the Five Figures on Patrol Design. The total cost remains at \$457,000. Therefore, the 3/5 Battalion Memorial Ad Hoc Committee (Mayor Pro Tem Caskey and Councilmember Mathis) and City staff recommend approval of Amendment No. 1 to the Amended and Restated Agreement.

Fiscal Impact:

No new budget impact will occur as a result of the approval of this Amendment. The total fee for the Five Figures on Patrol bronze sculptures remains at \$457,000.

The City Council allocated \$457,000 from the Special Revenue Public Art Funds for the

sculpture project. To date, the City has expended \$148,000, resulting in a remaining allocation of \$309,000.

As of the writing of this staff report, the cash balance in the Public Art Funds is \$481,882.

The Agreement also contemplates that the City will be responsible for all costs related to the transportation of the completed sculpture from the foundry to its installation site, and the preparation of the installation site, all of which will be coordinated in consultation with the artist.

Attachments:

1. Proposed Amendment No. 1 to Amended and Restated Agreement with Brittany Ryan Studio LLC
2. Amended and Restated Agreement with Brittany Ryan Studio LLC

**AMENDMENT NO. 1
TO AMENDED AND RESTATED AGREEMENT TO COMMISSION ORIGINAL
WORK OF ART**

Laguna Hills Public Art Program
(3rd Battalion, 5th Marines Darkhorse Bronze Memorial Sculpture)

THIS THIRD AMENDMENT to the Agreement to Commission Original Work of Art (the "Amendment" or "Amendment No. 3") is made and entered into to be effective this ____ day of _____ 2025, by and between the CITY OF LAGUNA HILLS, a municipal corporation organized and existing under the laws of the State of California, (hereinafter referred to as "City") and BRITTANY RYAN STUDIO, LLC (hereinafter referred to as "Artist"). City and Artist are sometimes hereinafter individually referred to as "Party" and are hereinafter collectively referred to as "Parties".

RECITALS

A. City and Artist previously entered into that certain Agreement to Commission Original Work of Art for the 3rd Battalion, 5th Marines Darkhorse Bronze Memorial Sculpture, which was made and entered into on June 27, 2023 (the "Agreement"), as amended by Amendment No. 1 dated August 27, 2024, and subsequently amended and restated on November 19, 2024. The Amended & Restated Agreement sets the total Artist's Fee at \$457,000 and includes the Payment and Payment Schedule in Exhibit "B."

B. Under Exhibit "B" of the Amended & Restated Agreement, Payment 4 is \$113,000 "upon the initiation of Molding Phase," and Payment 6 is \$60,000 "upon installation and acceptance by City."

C. Artist has requested minor timing adjustments to the Payment 4 and Payment 6 milestones to reflect phased delivery and potential installation timing, without changing the overall Artist's Fee.

NOW, THEREFORE, in consideration of the mutual promises and covenants herein, the Parties agree as follows:

AGREEMENT

1. Amendment to Exhibit "B", entitled "Payment and Payment Schedule." of the Agreement: Exhibit "B" of the Agreement is hereby amended solely as to Payment 4 and Payment 6 as follows (all other payments remain unchanged):

A. Payment 4 (Revised; split into 4 and 4A):

1. Payment 4: \$50,000 — upon initiation of the Molding Phase.

2. Payment 4A: \$63,000 — upon delivery to the foundry of the second shipment of sculptures.

B. Payment 6 (Revised; split into 6 and 6A):

1. Payment 6: \$55,000 — upon completion of bronzes at the foundry.
2. Payment 6A: \$5,000 — upon final installation of the sculpture at the City-selected site and acceptance by City.

2. No change to total consideration. For clarity, the Artist's Fee remains \$457,000, and no other amounts or milestones in Exhibit "B" are modified by this Amendment.

3. Full Force and Effect. This Amendment is supplemental to the Agreement and is by reference made part of said Agreement. All of the terms, conditions, and provisions thereof, unless specifically modified herein, shall continue in full force and effect. In the event of any conflict or inconsistency between the provisions of this Amendment and any provisions of the Agreement, the provisions of this Amendment shall in all respects govern and control.

4. Recitals. The above-referenced Recitals are hereby incorporated into this Amendment No. 3 as though fully set forth herein and made part of the Agreement and each Party acknowledges and agrees that such Party is bound, for purposes of this Agreement, by the same.

5. Corporate Authority. Each of the undersigned represents and warrants that (i) the Party for which he/she is executing this Amendment is duly authorized and existing, (ii) he/she is duly authorized to execute and deliver this Amendment on behalf of the Party for which he/she is signing, (iii) by so executing this Amendment, the Party for which he/she is signing is formally bound to the provisions of this Amendment, and (iv) the entering into this Amendment does not violate any provision of any other agreement to which the Party for which he/she is signing is bound.

[SIGNATURES ON NEXT PAGE]

IN WITNESS WHEREOF, the Parties have executed and entered into this Amendment to the Agreement as of the date first written above.

"CITY"

CITY OF LAGUNA HILLS, a California
municipal corporation

By:

JOSHUA SWEENEY,
Mayor

ATTEST:

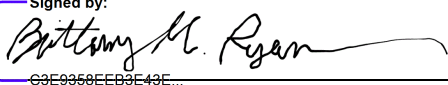
By: _____
JENNIFER LEE, City Clerk

APPROVED AS TO FORM:

By: _____
GREGORY E. SIMONIAN,
City Attorney

"ARTIST"

BRITTANY RYAN STUDIO, LLC, a Nevada
Limited Liability Company

Signed by:

By: _____
BRITTANY RYAN, Artist

**AMENDED AND RESTATED AGREEMENT TO
COMMISSION ORIGINAL WORK OF ART**
Laguna Hills Public Art Program
(3rd Battalion, 5th Marines Darkhorse Bronze Memorial Sculpture)

THIS AMENDED AND RESTATED AGREEMENT FOR CREATION, SALE, AND ASSIGNMENT OF ALL RIGHTS IN ARTISTIC WORK (the "Agreement") is made and entered into as of this 19th day of November 2024, by and between the CITY OF LAGUNA HILLS, a municipal corporation organized and existing under the laws of the State of California ("City"), and BRITTANY RYAN STUDIO, LLC, a Nevada Limited Liability Company ("Artist"). City and Artist are sometimes hereinafter referred to as "Party" and are hereinafter referred to collectively as the "Parties."

RECITALS

A. The City requires the services of an experienced and reputable artist with specialized expertise in designing, creating, and fabricating bronze memorial sculptures for the Laguna Hills Public Art Program.

B. The City wishes to commission the design, creation, and fabrication of a large-scale bronze memorial sculpture to be displayed outdoors in the plaza area at the Laguna Hills Civic Center to recognize the United States Marines of the 3rd Battalion, 5th Marines (3/5 Battalion) in celebration and honor of their bravery, heroism, victories, and many sacrifices and in recognition of our Nation's Armed Forces and the special relationship between this marine battalion unit and the City of Laguna Hills (the "Project").

C. The 3/5 Battalion, nicknamed "Darkhorse," is based in nearby Camp Pendleton, was formally adopted by the Laguna Hills City Council in 2008.

D. Artist is qualified by virtue of her experience, education, training, expertise, and reputation to design, create, and fabricate original works of art and to provide the necessary artistic services to City for the Project and has agreed to provide such services, and City desires to retain the services of Artist for the Project.

E. The purpose of this Agreement is to set forth the terms and conditions under which the City will commission and Artist will design, create, and fabricate, and supervise the installation of, an original work of art for the Project consisting of a large-scale bronze sculpture in honor of the 3/5 Battalion to be displayed outdoors in the Laguna Hills Civic Center Plaza, and transfer to City all of the rights in the commissioned artwork created by Artist as hereinafter provided.

NOW, THEREFORE, in consideration of the promises and mutual obligations, covenants, and conditions contained herein, and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

AGREEMENT

Section 1. Description of Commissioned Art.

A. Commissioned Art. Brittany Ryan is a locally known artist and sculptor (“Artist”). The Artist is hereby commissioned by the City to design, create, fabricate, and supervise the installation of “Five Figures of Marines on Patrol” memorial sculpture to be displayed outdoors in the plaza area at the Laguna Hills Civic Center to recognize the United States Marines of the 3rd Battalion, 5th Marines (3/5 Battalion) in celebration and honor of their bravery, heroism, victories, and many sacrifices and in recognition of our Nation’s Armed Forces and the special relationship between this marine battalion unit and the City of Laguna Hills (the “Work”). Artist shall perform all services described in the Scope of Services required under this Agreement to the highest professional standards and in a manner reasonably satisfactory to the City. All services rendered under this Agreement shall be provided by Artist in accordance with all applicable federal, state, and local laws, statutes, and ordinances and all lawful orders, rules, and regulations promulgated thereunder. The Work shall be a work for hire. The Scope of Services is attached hereto as Exhibit “A” and is incorporated herein by reference.

B. Familiarity with Work. By executing this Agreement, Artist warrants that Artist (a) has thoroughly investigated and considered the Scope of Services to be performed, (b) has carefully considered how the Work should be performed, and (c) fully understands the facilities, difficulties, and restrictions attending performance of the services and Work under this Agreement. If the services and Work involve work upon any site, Artist warrants that Artist has or will investigate the site and is or will be fully acquainted with the conditions there existing, prior to commencement of any services hereunder. Should Artist discover any latent or unknown conditions that will materially affect the performance of the services and Work hereunder, Artist shall immediately inform the City Representative of such fact and shall not proceed except at Artist’s risk until written instructions are received from the City. Notwithstanding the foregoing, City understands and acknowledges that Artist is not an expert in construction or soil analysis, erosion, or ground settlement and therefore relies on City to select a suitable and appropriate outdoor site for displaying the Work.

Section 2. Artist’s Work Schedule.

The Artist shall complete the Work in accordance with the Schedule of Performance attached hereto as Exhibit “C” and incorporated herein by reference, along with any other work schedule and/or project timeline agreed upon in writing by the City and Artist.

Section 3. Compensation.

As full payment for Artist’s services for performing the Scope of Services, including the completed Work, and for all rights granted or waived by the Artist pursuant to this Agreement, and subject to the conditions set forth herein, the City shall pay the Artist a total amount not to exceed Four Hundred and Fifty-Seven Thousand Dollars (\$457,000.00) (“Artist’s Fee”). The Artist’s Fee is more particularly described in Payment and Payment Schedule, which is attached hereto as Exhibit “B” and is incorporated herein by reference. Payments shall be made by City in

accordance with the Payment Schedule set forth in Exhibit “B”. City shall not withhold applicable federal or state payroll or any other required taxes, or other authorized deduction from each payment made to Artist. Upon payment, Artist shall sign a written acknowledgement of receipt of said monies and such document shall be incorporated in this Agreement. No claims for additional services performed by Artist that are beyond the Scope of Services will be allowed unless such additional work is authorized by the City in writing prior to the performance of such additional services. Under no circumstances shall City be required to pay Artist for any services or Work that has not been completed to the reasonable satisfaction of the City.

Section 4. Personnel, Facilities, and Equipment.

Artist agrees that she will be responsible for completing all services described in the Scope of Services and for providing the personnel necessary for such services. Artist shall be solely responsible for the satisfactory work performance of the personnel engaged in performing the services required by this Agreement. Artist shall, at her sole cost and expense, furnish all facilities and equipment that may be required for creating the Work pursuant to this Agreement.

Section 5. Term and Timelines.

Artist shall commence performing the Scope of Services on the Commencement Date (See Exhibit “C”, Schedule of Performance) and shall perform all services and produce all Work in conformance with the Schedule of Performance set forth in Exhibit “C”, which is attached hereto and is incorporated herein by reference. City acknowledges that any material changes to the Work requested by City, or delays in granting approvals by City, may result in Artist being unable to meet the timelines set forth in Exhibit “C”, as such delays are beyond the control of Artist. In the event of such delay, Artist will not be held responsible for a failure to meet the Schedule of Performance set forth in Exhibit “C”. This Agreement shall be effective when fully executed by the Parties and shall terminate when the Scope of Services are completed, unless sooner terminated as provided in Section 18 herein.

Section 6. City Representative.

For purposes of this Agreement, the contract administrator and City representative shall be the City Manager (hereinafter the “City Representative”). It shall be the Artist’s responsibility to ensure that the City Representative is kept fully informed of the progress made in performance of the services and the production and delivery of the Work pursuant to this Agreement. Artist shall timely refer any decisions which must be made by the City to the City Representative. Unless otherwise specified herein, any approval of City required hereunder shall mean the approval of the City Representative.

Section 7. Transfer of Rights of Reproduction.

Artist hereby transfers all rights of reproduction, as that term is defined in California Civil Code Section 982, in the fine art Work, including but not limited to the right to claim statutory copyright in the Work and the right to reproduce the Work in any manner whatsoever for

commercial and non-commercial purposes. Hereinafter, Artist shall not acquire or claim any rights in or to the Work, any uses, reproductions, or derivatives thereof or any proceeds therefrom.

Section 8. Waiver of Moral Rights.

Artist hereby waives, releases, and disclaims any rights, demands, or claims as may arise at any time and under any circumstances against City, its officers, employees, agents, successors, and assigns arising under the federal Visual Artists Rights Act (17 U.S.C. §§ 106A and 113(d)), the California Art Preservation Act (Cal. Civil Code § 987 *et seq.*), and any other local, state, federal, or international laws that convey rights of the same nature as those conveyed under 17 U.S.C. Section 106A, California Civil Code Section 987 *et seq.*, or any other type of moral right protecting the integrity of works of art. Artist acknowledges and agrees that City, in its sole and exclusive discretion, may, among other acts, temporarily or permanently modify, alter, change, or destroy the Work.

Section 9. Copyrights.

Artist hereby irrevocably assigns exclusively to City, and its successors and assigns, all right, title, and interest in the copyright of the Work, and all extensions and renewals thereof in the United States and in all foreign countries. Artist hereby waives all moral rights relating to each such Work including, but not limited to, any and all rights of identification of authorship and any and all rights of approval, restriction, or limitation on use or subsequent modifications. From time to time upon City's request, Artist shall confirm such assignment by execution and delivery of such assignments, confirmations of assignment, or other written instruments as City may request. City, and its successors and assigns, shall have the right to obtain and hold in its or their own name(s) all copyright registrations and other evidence of rights that may be available for the Work.

Section 10. City's Sole and Exclusive Ownership Rights.

A. Ownership of Works. Artist shall not retain ownership of or any right, title, or interest in any of the Work, including, but not limited to, in any related trademarks, copyrights, or other proprietary rights. The Parties agree that the Work and all such rights, title, and interest in or to the Work shall belong to and are being sold and assigned in their entirety to the City for whatever use it desires, and that City does and shall at all times own, solely and exclusively, complete and unencumbered, all right, title, and interest in and to all of the Work worldwide, any modifications thereto and any derivative works based thereon (including, but not limited to, all patent, copyright, trademark, service mark, and trade secret rights). Nothing contained herein shall be deemed to constitute a mere license or franchise in City. The Parties further agree that City will be free to use, modify, distribute, sell, license, or otherwise exploit all such Work and any modifications to or derivative works based thereon without any restrictions or limitations or any obligations or payments to Artist and that Artist shall have no such rights.

Section 11. Originality of Work.

Artist hereby represents and warrants that (i) the Work is and will be original; (ii) at the time of transfer hereunder, Artist is the sole owner of the Work and of all rights therein including copyright, trademark, and other proprietary rights therein; (iii) Artist is and will be the sole creator of the Work; (iv) Artist has and will have full and sufficient right to assign all rights granted herein and to waive all rights relinquished herein; (v) Artist is not under any obligation to transfer or sell any of the Work to any third party; (vi) the Work has not been and will not be published under circumstances which have or will cause a loss of any copyright, trademark, or other proprietary rights therein; and (vii) the Work does not and will not infringe any patent, copyright, trademark, or other proprietary rights, privacy rights, or other rights of any third party, nor has any claim (whether or not embodied in a legal action, past or present) of such infringement been threatened or asserted, nor is such a claim pending, against Artist (or, insofar as Artist is aware, against any entity from which Artist has obtained any rights).

Section 12. Risk of Loss.

Artist bears the sole risk of damage to or loss of the Work to be produced by Artist pursuant to this Agreement until such Work is delivered to and received by the artworks foundry, anticipated to be located in Oxnard, California, and the City accepts such Work as satisfactorily completed pursuant to the Scope of Services set forth in Exhibit "A".

Section 13. Maintenance and Warranty of Works.

A. Artist shall provide City with a written description of a recommended routine maintenance program for the Work, if Artist determines that such routine maintenance of the Work may be required.

B. Artist hereby warrants that the Work will be free of defects in workmanship (due to faulty design, fabrication, and/or installation), materials and finish, including inherent vice, and that the Artists will, at the Artist's own expense, remedy, repair, or replace any such defects in workmanship, materials, and finish, including inherent vice, and if necessary replace the Work, which appear within a period of ten (10) years of the date the Work is delivered to and accepted by the City. The term "inherent vice," as used in this section, shall mean a quality within the material or materials which comprise the Work which, either alone or combination, results in the tendency of the Work, including without limitation the finish, to deteriorate.

Section 14. Artist's Credit.

Upon written request by the City, a public notice, approved in advance by the City Representative, including the Artist's name and website and mention of the City's sole ownership of the Work, shall be designed by the Artist and publicly displayed with the Work.

Section 15. Indemnification.

To the fullest extent permitted by law, Artist shall defend (at Artist's sole cost and expense), indemnify, protect, and hold harmless City, its elected officials, officers, employees, agents, and volunteers (collectively the "Indemnified Parties"), from and against any and all liabilities, actions, suits, claims, demands, losses, costs, judgments, arbitration awards, settlements, damages, demands, orders, penalties, and expenses including legal costs and attorney fees (collectively "Claims"), including but not limited to Claims arising from injuries to or death of persons (Artist's employees, agents, and volunteers included), for damage to property, including property owned by City, from any violation of any federal, state, or local law or ordinance, which Claims arise out of, pertain to, or are related to the negligence, recklessness, or willful misconduct of Artist, her agents, employees, volunteers, or subcontractors, or arise from Artists negligent, reckless, or willful performance of or failure to perform any term, provision, covenant, or condition of this Agreement, but excluding such Claims arising from the negligence, recklessness, or willful misconduct of the City, its elected officials, officers, employees, agents, and volunteers. Notwithstanding the foregoing, the indemnification under this section shall not include any personal injuries sustained by members of the public or third parties after the Work has been installed at its permanent location in the Laguna Hills Civic Center.

Section 16. Independent Contractor.

Neither City nor any of its employees shall have any control over the manner, mode, or means by which Artist, her agents, employees, or volunteers, perform the services required herein, except as otherwise set forth herein. Artist shall perform all services required herein as an independent contractor of the City and shall not be an employee of City and shall remain at all times as to City a wholly independent contractor with only such obligations as are consistent with that role; however, City shall have the right to review Artist's final work product. Artist shall not at any time or in any manner represent that she or any of her agents or employees or volunteers are agents or employees of City.

Section 17. Addresses for Notices.

Any notice, bills, invoices, demand, or document which any Party is required or may desire to give or deliver to the other hereunder, shall be in writing and may be delivered personally or given by facsimile or overnight courier service, postage prepaid, addressed as follows:

To Artist: Brittany Ryan Studios, LLC
 Attention: Brittany Ryan, Artist
 22221 Camino Tiburon
 Laguna Hills, California 92653

To City: City of Laguna Hills
 Attention: City Manager
 24035 El Toro Road
 Laguna Hills, California 92653
 Telephone: (949) 707-2600
 Facsimile: (949) 707-2633

Either Party shall have the right to designate a different address by written notice similarly given. Any notice, demand, or documents shall be deemed received on: (a) the day of delivery if delivered by hand or overnight courier service during the party's regular business hours; or (b) the day of delivery if delivered by facsimile during the parties' regular business hours. City assumes no responsibility to search for Artist if Artist cannot be reached at the address of record.

Section 18. Termination.

A. City shall have the right to terminate this Agreement, with or without cause, upon ten (10) calendar days written notice to Artist. If terminated, Artist agrees to cease all work under this Agreement on or before the effective date of such notice. All completed and uncompleted Work up to the date of receipt of written notice of termination shall become the property of City.

B. In the event of termination of this Agreement by City, due to no fault or failure of performance by Artist, Artist shall be compensated based on the percentage of services satisfactorily performed and/or the Work satisfactorily produced at the time of termination. In no event shall Artist be entitled to receive more than the amount that would be paid to Artist for the full performance of the services and the Work required by this Agreement.

Section 19. Attorneys' Fees.

In the event either Party shall commence any action against the other Party relating to this Agreement, or for the breach of any obligation contained herein, the prevailing Party shall be entitled to recover from the losing Party reasonable attorneys' fees, expenses, and court costs.

Section 20. Prohibition Against Assignment.

Artist shall not delegate, transfer, subcontract, or assign her duties or rights hereunder, either in whole or in part, without City's prior written consent, and any attempt to do so shall be void and of no effect. City shall not be obligated or liable under this Agreement to any party other than Artist. The City understands and acknowledges that Artist anticipates to have the Work fabricated by a foundry located in Berkeley, California.

Section 21. Successors and Assigns.

The terms of this Agreement shall be binding upon and inure to the benefit of the respective heirs, successors in interest, and assigns of the Parties hereto.

Section 22. Entire Agreement.

This Agreement represents the entire integrated agreement between the City and the Artist, and supersedes all prior negotiations, representations, or agreements, either written or oral. This Agreement may be amended only by a written instrument signed by both the City and the Artist.

Section 23. Severability.

Wherever possible, each provision of this Agreement shall be interpreted in such a manner as to be valid under applicable law. If any provision of this Agreement is determined by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force and effect.

Section 24. Governing Law; Jurisdiction.

This Agreement shall be governed by and construed in accordance with the laws of the State of California. In the event of litigation between the Parties, venue in State trial courts shall be exclusively in Orange County, California. In the event of litigation in a United States District Court, exclusive venue shall lie in the Central District of California.

Section 25. Execution.

This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, but all of which when taken together shall constitute one and the same instrument.

Section 26. Authority.

Each of the undersigned individuals represent and warrant that (i) the Party for which he or she is executing this Agreement is duly authorized and existing, (ii) he or she is duly authorized to execute and deliver this Agreement on behalf of the Party for which he or she is signing, (iii) by so executing this Agreement, the Party for which he or she is signing is formally bound to the provisions of this Agreement, and (iv) the entering into this Agreement does not violate any provision of any other Agreement to which the Party for which he or she is signing is bound.

Section 27. Recitals.

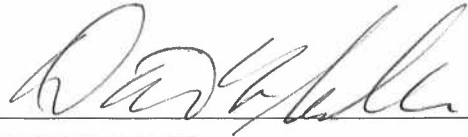
The recitals above are hereby incorporated by reference in the Agreement as though fully set forth herein, and each Party acknowledges and agrees that such Party is bound, for purposes of this Agreement, by the same.

[SIGNATURES ON NEXT PAGE]

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement as of the day and year first above written.

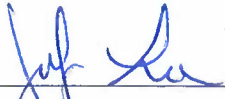
"CITY"

CITY OF LAGUNA HILLS, a California
municipal corporation



DAVE WHEELER,
Mayor

ATTEST:



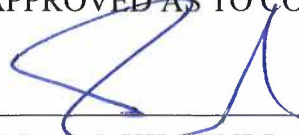
(SEAL)

JENNIFER LEE,
City Clerk

APPROVED AS TO FORM:

GREGORY E. SIMONIAN,
City Attorney

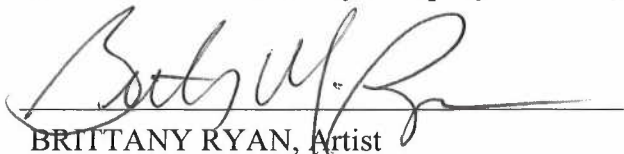
APPROVED AS TO CONTENT:



JARAD L. HILDENBRAND,
City Manager

"ARTIST"

BRITTANY RYAN STUDIO, LLC, a
Nevada Limited Liability Company



BRITTANY RYAN, Artist

EXHIBIT “A”

SCOPE OF SERVICES

COMMISSIONING OF ORIGINAL WORK OF ART: The Artist is hereby commissioned by the City to design, create, fabricate, and supervise the installation of “Five Figures of Marines on Patrol” memorial sculpture to be displayed outdoors in the plaza area at the Laguna Hills Civic Center to recognize the United States Marines of the 3rd Battalion, 5th Marines (3/5 Battalion) in celebration and honor of their bravery, heroism, victories, and many sacrifices and in recognition of our Nation’s Armed Forces and the special relationship between this marine battalion unit and the City of Laguna Hills (the “Work”).

MEDIUM: Bronze sculpture.

DISPLAY LOCATION: Laguna Hills Civic Center, Outdoor Plaza Area, 24035 El Toro Road, Laguna Hills, California 92653.

DESCRIPTION OF COMMISSIONED ARTWORK: Five 50” Figures of Marines on patrol in Afghanistan to be displayed outdoors in the plaza area at the Laguna Hills Civic Center to recognize the United States Marines of the 3rd Battalion, 5th Marines (3/5 Battalion) in celebration and honor of their bravery, heroism, victories, and many sacrifices and in recognition of our Nation’s Armed Forces.

COMMISSIONING PROCESS AND PROCEDURE:

- ▶ Upon approval of the 12” maquette by the City Council at the November 19, 2024 meeting, Artist shall begin the final version of the sculpture.
- ▶ Artist shall be responsible for transportation of the proposed sculpture mold to the artwork’s foundry.
- ▶ City shall be responsible for all costs related to the transportation of the finished bronze sculpture from the foundry to the installation site at the Laguna Hills Civic Center Plaza, including the procurement of insurance.
- ▶ City shall be responsible for all costs related to the installation of the finished bronze sculpture, including lighting, leveling, creation of wall/base structure the bronze will be mounted to, and surrounding landscape, in consultation with Artist. Artist shall supervise the installation of the finished bronze sculpture.
- ▶ Upon delivery and installation of the completed Work and acceptance of the by the City, City shall assume ownership and control of the Work.
- ▶ Upon completion of the Work, Artist shall provide City with a detailed written schedule and instructions for the routine care, maintenance, and preservation of the Work. All maintenance and routine care shall be the responsibility of the City in all respects.
- ▶ Artist shall participate as requested by the City in a ribbon-cutting ceremony and/or media outreach.

EXHIBIT “B”

PAYMENT AND PAYMENT SCHEDULE

As full payment for Artist’s services for performing the Scope of Services, including the completed Work, and for all rights granted or waived by the Artist pursuant to this Agreement, and subject to the conditions set forth in the Agreement, the City shall pay the Artist a total amount not to exceed Four Hundred and Fifty-Seven Thousand Dollars (\$457,000.00) (“Artist’s Fee”), which sum shall include all costs associated with Artist designing, creating, fabricating, and supervising the installation of the Work.

Artist will be paid by City the specified installment payments set forth below upon submitting an invoice and documentation substantiating satisfactory completion of each phase of the Work as described below. Each invoice from Artist to City shall include a written progress summary report with a detailed narrative discussion of all project activities and progress occurring during the reporting period, as well as photographic or schematic documentation substantiating completion of each work phase. Progress payments shall be made by City as follows:

<u>Payment 1:</u>	<u>Amount</u> \$15,000 Paid by City on June 29, 2023. Initial design services.
<u>Payment 2:</u>	<u>Amount</u> \$15,000 Paid by the City on August 29, 2024. Redesign services.
<u>Payment 3:</u>	<u>Amount</u> \$118,000 Progress payment due and payable upon approval of this Amended and Restated Agreement, which signifies the initiation of Creating/Sculpting Phase.
<u>Payment 4:</u>	<u>Amount</u> \$113,000 Progress payment due and payable upon the initiation of Molding Phase.
<u>Payment 5:</u>	<u>Amount</u> \$136,000 Progress payment due and payable upon the initiation of Casting Phase.
<u>Payment 6:</u>	<u>Amount</u> \$60,000 Final payment due upon the installation of sculpture and acceptance by City.
<u>Total Payments:</u>	\$457,000

EXHIBIT "C"

SCHEDULE OF PERFORMANCE

TIMELINE	ACTIVITY	ARTIST WORK TIME
DESIGN PHASE	Contract Approval Signed	June 27, 2023
	Amendment No 1 Signed	August 27, 2024
	Sculptures presented to City for approval.	November 19, 2024
SCULPTING PHASE		
	Final size version of sculpture	Est. 9-12 Months
MOLDING & CASTING PHASE		
	Molding	Est. 2 Months
	Casting	Est. 6-9 Months
FINAL	Final installation of sculpture	1 Month
	(Overall anticipated timeline 18-24 months)	



City of Laguna Hills City Council / Planning Agency Staff Report

Date: October 14, 2025
To: Mayor and Council Members
From: Joe Ames, Interim City Manager
Issue: Resolution of Opposition to Proposition 50

Recommendation: That the City Council adopt a Resolution entitled: "A Resolution of the City Council of the City of Laguna Hills, California, Adopting a Position of Opposition to Proposition 50, "Election Rigging Response Act," on the 2025 California Statewide Special Election Ballot."

Background:

At the September 23, 2025, City Council meeting, Councilmembers Pezold, Wheeler, and Mathis requested that a resolution adopting a position of opposition to Proposition 50, "Election Rigging Response Act," be placed on the October 14, 2025, City Council meeting agenda. The proposed resolution is attached for consideration for approval.

Attachments:

1. Proposed Resolution: Position of Opposition to Proposition 50

RESOLUTION NO. 2025-10-14-X

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LAGUNA HILLS, CALIFORNIA, ADOPTING A POSITION OF OPPOSITION TO PROPOSITION 50, "ELECTION RIGGING RESPONSE ACT," ON THE 2025 CALIFORNIA STATEWIDE SPECIAL ELECTION BALLOT

The City Council of the City of Laguna Hills, California, hereby finds, determines, declares, and resolves as follows:

WHEREAS, Proposition 50, appearing on the November 2025 California Statewide Special Election ballot, proposes to amend the California Constitution to alter the process for drawing congressional districts; and

WHEREAS, the current process, established by voters, assigns the responsibility for drawing congressional districts to the independent California Citizens Redistricting Commission, designed to operate in a non-partisan manner; and

WHEREAS, Proposition 50 would transfer the authority to draw congressional districts from the California Citizens Redistricting Commission to the State Legislature; and

WHEREAS, the independent California Citizens Redistricting Commission was created to ensure fair and impartial district boundaries, including safeguards to keep cities, counties, and local communities together; and

WHEREAS, Proposition 50 would remove existing safeguards intended to maintain the integrity of local communities in the redistricting process; and

WHEREAS, Proposition 50 proposes dividing communities, forcing some cities and counties to be split among multiple congressional districts under the measure's new maps and diminishing their voice in Congress; and

WHEREAS, the City Council of Laguna Hills recognizes the importance of maintaining a transparent and independent redistricting process to uphold public trust in electoral systems; and

WHEREAS, the City Council of Laguna Hills believes that Proposition 50 undermines the voter-approved framework for fair redistricting in California.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF LAGUNA HILLS, CALIFORNIA, DOES RESOLVE, DECLARE, DETERMINE, AND ORDER AS FOLLOWS:

SECTION 1. The foregoing recitals are true and correct.

SECTION 2. The City Council of Laguna Hills, California, hereby adopts an official position of opposition to Proposition 50, "Election Rigging Response Act," on the 2025 California Statewide Special Election ballot.

PASSED, APPROVED, AND ADOPTED this 14th day of October 2025.

JOSHUA SWEENEY, MAYOR

ATTEST:

JENNIFER LEE, CITY CLERK

STATE OF CALIFORNIA)
COUNTY OF ORANGE) ss
CITY OF LAGUNA HILLS)

I, Jennifer Lee, City Clerk of the City of Laguna Hills, California, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2025-10-14-X adopted by the City Council of the City of Laguna Hills, California, at a Regular Meeting thereof held on the 14th day of October 2025, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

(SEAL)

JENNIFER LEE, CITY CLERK



City of Laguna Hills City Council / Planning Agency Staff Report

Date: October 14, 2025
To: Mayor and Council Members
From: Joe Ames, Interim City Manager
Issue: Multi-Way Stop Control at Bridlewood Drive and Vista Viejo Road

Recommendation: That the City Council adopt a Resolution entitled: "A Resolution of the City Council of the City of Laguna Hills, California, Designating the Intersection of Bridlewood Drive and Vista Viejo Road as a Multi-Way Stop Intersection and Authorizing the Installation of Multi-Way Stop Controls on Sunburst Avenue on Bridlewood Drive and Vista Viejo Road."

Background:

Staff received a request from a resident of the community to evaluate the need for multi-way stop control at the intersection of Vista Viejo and Bridlewood Drive due to concerns of safety and speeding vehicles. Upon receiving the request, City staff contacted Hartzog and Crabill, Inc. (HCI), the City's traffic engineering consultant, to perform a multi-way stop control warrant analysis.

Speeding on Bridlewood Drive has been an ongoing topic and was previously evaluated in 2018 and 2019 by City staff and the City's Traffic Commission. Additionally, City staff and the City's Traffic Commission reviewed speeding concerns on Vista Viejo at the March 19, 2025, and May 21, 2025, Traffic Commission meetings. Attached are previous city staff reports on the history of the topic. In June 2025, at the recommendation of the City's Traffic Commission, additional signage, striping, and, most recently, a painted median with round raised dots on Vista Viejo were installed to address safety concerns.

The California Manual of Uniform Traffic Control Devices provides guidelines (warrants) which should be met prior to installation of multi-way stop control. The following

criteria should be considered in the engineering study for a multi-way STOP sign installation:

Guidance:

The decision to install multi-way stop control should be based on an engineering study.

The following criteria should be considered in the engineering study for a multi-way STOP sign installation:

- A. Where traffic control signals are justified, the multi-way stop is an interim measure that can be installed quickly to control traffic while arrangements are being made for the installation of the traffic control signal.*
- B. Five or more reported crashes in a 12-month period that are susceptible to correction by a multi-way stop installation. Such crashes include right-turn and left-turn collisions as well as right-angle collisions.*
- C. Minimum volumes:*
 - 1. The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day; and*
 - 2. The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour; but*
 - 3. If the 85th percentile approach speed of the major-street traffic exceeds 40 mph, the minimum vehicular volume warrants are 70 percent of the values provided in Items 1 and 2.*
- D. Where no single criterion is satisfied, but where Criteria B, C1 and C2 are satisfied to 80 percent of the minimum values. Criterion C 3 is excluded from this condition.*

Option:

Other criteria that may be considered in an engineering study include:

- A. *The need to control left-turn conflicts;*
- B. *The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes;*
- C. *Locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop; and*
- D. *An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection.*

In the attached report, HCI found that:

- Zero (0) non-correctible collisions occurred at the intersection in a 5-year period.
(There was a recent pedestrian vs. vehicle incident at the intersection involving a minor-age person stepping into the roadway in front of an oncoming vehicle on August 8th that is not included in the HCI report. However, this incident was not considered to be a correctable collision and was not be counted in the warrant analysis.)
- The intersection experiences only 64% of the required vehicular volume entering the intersection from the major street approaches and only 12% of the required vehicular volume entering the intersection from the minor street approaches.
- Visibility for approaching drivers on Bridlewood Drive at Vista Viejo is sufficient.
- The combined criteria were not met. Furthermore, the combined criteria do not meet 80% of the requirements either.

Based on this summarized data, HCI did not recommend multi-way stop control at the intersection.

This information was brought before the City's Traffic Commission on September 17, 2025. After hearing public testimony, and after careful deliberation, the Traffic Commission voted to recommend the installation of multi-way stop control at the intersection based upon the ongoing complaints from residents over the years.

Fiscal Impact:

The estimated cost to install multi-way stop control at Vista Viejo and Bridlewood, including the installation of a new curb ramp on the west leg of the intersection, signage, and striping, is \$12,000. There is sufficient funding in the Public Works budget (Measure M2 Fund, Account 212-355-720400) for this proposed expense.

Attachments:

1. Proposed Resolution: Multi-Way Stop Control at Bridlewood and Vista Viejo
2. Vicinity Map - Bridlewood and Vista Viejo
3. HCI Stop Sign Warrant Analysis - Vista Viejo at Bridlewood - 09-11-25
4. Traffic Commission Item 4.2 July 18, 2018
5. Traffic Commission Item 4.2 January 16, 2019
6. Traffic Commission Item 4.5 November 20, 2019
7. Traffic Commission Item 4.2 March 19, 2025
8. Traffic Commission Item 4.1, May 21, 2025
9. Photos of Striping Installations on July 8, 2025 on Vista Viejo Road

RESOLUTION NO. 2025-10-14-X

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LAGUNA HILLS, CALIFORNIA, DESIGNATING THE INTERSECTION OF BRIDLEWOOD DRIVE AND VISTA VIEJO ROAD AS A MULTI-WAY STOP INTERSECTION AND AUTHORIZING THE INSTALLATION OF MULTI-WAY STOP CONTROLS ON SUNBURST AVENUE ON BRIDLEWOOD DRIVE AND VISTA VIEJO ROAD

The City Council of the City of Laguna Hills, California, hereby finds, determines, declares, and resolves as follows:

WHEREAS, the intersection of Bridlewood Drive at Vista Viejo Road is a “T” intersection of a residential street and a residential collector street; and

WHEREAS, one-way stop control exists on Bridlewood Drive at Vista Viejo Road; and

WHEREAS, the Traffic Commission, at its regularly scheduled meeting of September 17, 2025, recommended to the City Council the installation of multi-way stop controls on Bridlewood Drive and Vista Viejo Road; and

WHEREAS, California Vehicle Code Section 21354 authorizes the City to designate any intersection under its exclusive jurisdiction as a stop intersection and erect stop signs at one or more entrances thereto.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF LAGUNA HILLS, CALIFORNIA, DOES RESOLVE, DECLARE, DETERMINE, AND ORDER AS FOLLOWS:

SECTION 1. The foregoing recitals are true and correct and are incorporated herein by reference.

SECTION 2. The intersection of Bridlewood Drive and Vista Viejo Road is hereby designated as a multi-way stop intersection.

SECTION 3. The City Engineer is hereby directed to and shall cause the installation of stop signs, necessary pavement legends, and curb ramps, as may be required, on Bridlewood Drive and Vista Viejo Road, as established herein.

SECTION 4. The stop sign controls authorized in this resolution shall become effective upon posting of the required signage in accordance with California Vehicle Code Section 21354.

SECTION 5. The City Council finds and determines that the stop intersection controls hereby established is not subject to the California Environmental Quality Act pursuant to Section 15301(c) of the CEQA Guidelines, Cal. Code of Regs, Title 14, Chapter 3 because the operation and maintenance of existing highways and streets is categorically exempt.

PASSED, APPROVED, AND ADOPTED this day of 14th day of October 2025.

JOSHUA SWEENEY, MAYOR

ATTEST:

JENNIFER LEE, CITY CLERK

STATE OF CALIFORNIA)
COUNTY OF ORANGE) ss
CITY OF LAGUNA HILLS)

I, Jennifer Lee, City Clerk of the City of Laguna Hills, California, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2025-10-14-X adopted by the City Council of the City of Laguna Hills, California, at a Regular Meeting thereof held on the 14th day of October 2025, by the following vote:

AYES:

NOES:

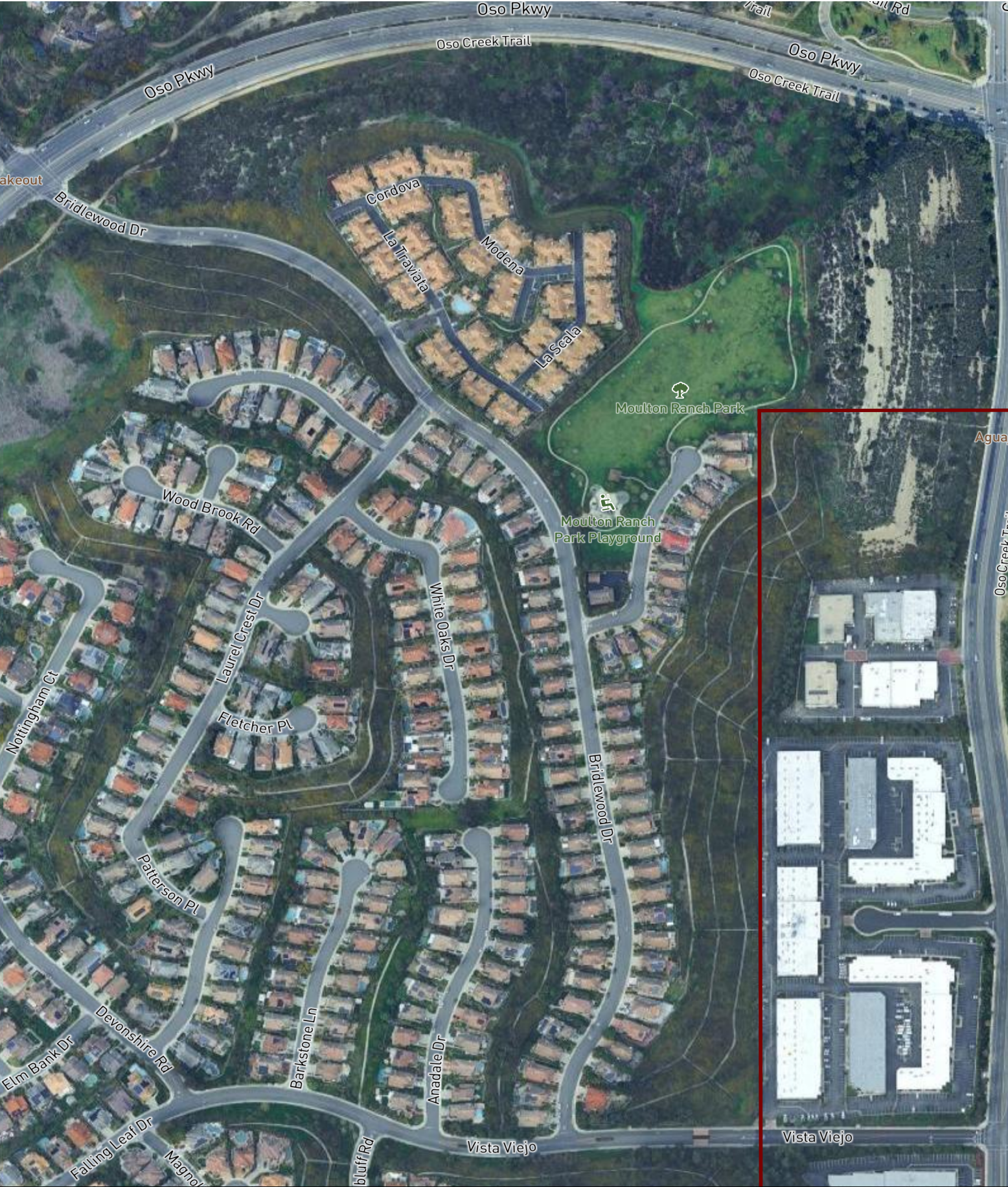
ABSENT:

ABSTAIN:

(SEAL)

JENNIFER LEE, CITY CLERK

Bridlewood Drive and Vista Viejo



1" = 350 ft

Vicinity Map

03/10/2025



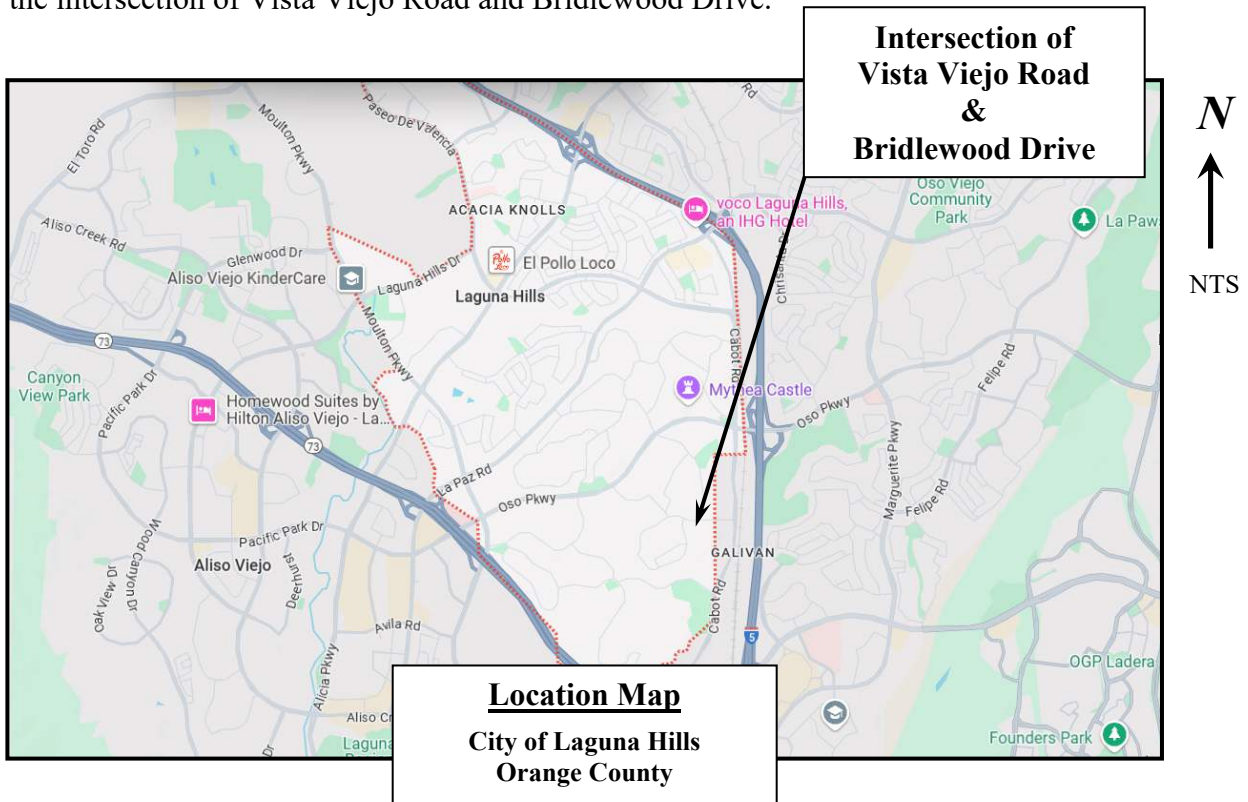
MULTIWAY STOP CONTROL WARRANTS ANALYSIS

INTERSECTION OF VISTA VIEJO ROAD AND BRIDLEWOOD DRIVE IN THE CITY OF LAGUNA HILLS, CA SEPTEMBER 11, 2025

INTRODUCTION

The City of Laguna Hills requested Hartzog & Crabill, Inc. (HCI) to complete a Multiway Stop Warrants Analysis at the intersection of Vista Viejo Road and Bridlewood Drive. This analysis was completed in order to verify if a 3-Way Stop sign installation is warranted and recommended based on meeting standard guidelines.

The location is a 3-Way intersection with Vista Viejo Road running in the east-west directions and Bridlewood Drive running in the north-south directions. The intersection is located just west of the 5 Freeway and south of Oso Parkway (*see Location Map below*). The T-intersection is located in the southeast area of the City of Laguna Hills, entirely within the City jurisdiction. At the present time, there is a 1-Way stop control at the intersection of Vista Viejo Road and Bridlewood Drive.



BACKGROUND

Vista Viejo Road is an east-west collector roadway with non-facing, single-family residential properties on both sides of the street. At the intersection with Bridlewood Drive, the roadway is approximately 40 feet wide curb-to-curb on the west leg, and approximately 44 feet wide on the east leg. The 2-lane roadway provides for one lane of traffic in each direction, which are separated by small center landscaped medians (i.e., no centerline striping). There are no marked crosswalks across Vista Viejo Road at or near the intersection. The roadway has concrete curb, gutter, and sidewalk improvements on both sides. At the intersection with Bridlewood Drive, Vista Viejo Road has a posted speed limit of 30 MPH. It is noted, as a driver turns into Vista Viejo Road from Cabot Road, the posted speed limit of 35 MPH decreases to 30 MPH along Vista Viejo Road as it transitions westerly from the City of Mission Viejo jurisdiction to the City of Laguna Hills jurisdiction. On-street parking is not allowed on either side of the street via No Parking Any Time posted signs. Currently, there are no STOP signs on Vista Viejo Road (i.e., uncontrolled) at its intersection with Bridlewood Drive. ***See Exhibit 1 (next page) for photo images of Vista Viejo Road.***

Bridlewood Drive is a north-south local-collector roadway with single-family residential properties on both sides of the street. At the intersection with Vista Viejo Road, which is the southerly terminus of Bridlewood Drive, the roadway is approximately 40 feet wide curb-to-curb. The 2-lane roadway provides for one lane of traffic in each direction, which are separated by a shorter double-yellow centerline stripe at the intersection. There are no marked crosswalks across Bridlewood Drive at or near the intersection. The roadway has concrete curb, gutter, and sidewalk improvements on both sides. Bridlewood Drive has a posted speed limit of 25 MPH. On-street parking is allowed on both sides of the street. There is currently a 1-Way STOP sign control on the southbound approach of Bridlewood Drive at its intersection with Vista Viejo Road. ***See Exhibit 2 (following page) for a photo image of Bridlewood Drive.***

EXHIBIT 1



VISTA VIEJO ROAD (*Looking Eastbound*) at BRIDLEWOOD DRIVE



VISTA VIEJO ROAD (*Looking Westbound*) at BRIDLEWOOD DRIVE

EXHIBIT 2



WARRANT GUIDELINES

As is common practice with many municipal agencies, the City of Laguna Hills follows State guidelines for determining if traffic control devices, such as multi-way stop signs, should be installed. Therefore, the prevailing source used for this analysis is the State of California Manual on Uniform Traffic Control Devices (*California MUTCD*). The California MUTCD contains minimum guidelines regarding traffic volumes, collisions, speeds, visibility, and other criteria in order to satisfy the requirements, in this case, for the recommendation and installation of a multi-way (3-Way) stop.

The California MUTCD **Multi-way Stop** Applications Guidance criteria are described in the following four main parts:

- 1) As an interim measure where traffic control signals are justified;
- 2) Reported crashes – five or more in a 12-month period that are susceptible to correction by a multi-way stop installation;
- 3) Minimum traffic and pedestrian volumes, speeds, and delay; and,
- 4) Where a combination of the above criteria are all satisfied to 80 percent.

If any one, or a combination, of these criteria is met, then a multi-way stop application should be considered. If these criteria are not met, the installation of an unwarranted multi-way stop sign installation is typically not recommended.

The California MUTCD guidelines describing Right-of-Way at Intersections, STOP Sign Applications, Multi-way Stop Applications, and Yield Sign Applications are included in Appendix A.

MULTIWAY STOP ANALYSIS

The California MUTCD **Multi-way Stop** Applications section contains guidelines, such as minimum collisions and traffic volumes necessary for the justification of multi-way stop control. The general guidelines given for a stop sign application begin with using engineering judgment for the installation of a stop sign(s) on a street entering a through highway and where high speeds on the cross street make entry difficult, or due to restricted view, or when crash records indicate a need for control by a stop sign. Further guidance criteria found in the California MUTCD include the following important statements: ***“YIELD or STOP signs should not be used for speed control... In most cases, the street carrying the lowest volume of traffic should be controlled... A STOP (R1-1) sign is not a ‘cure-all’ and is not a substitute for other traffic control devices. Often, the need for a STOP (R1-1) sign can be eliminated if the sight distance is increased by removing obstructions... A YIELD or STOP sign should not be installed on the higher volume roadway unless justified by an engineering study... Multi-way stop control is used where the volume of traffic on the intersecting roads is approximately equal...”***

Collision History

The guidelines for Multi-way Stop Applications contained in the California MUTCD regarding collisions, or crashes, require a minimum of five (5) reported crashes occurring in a 12-month period that are susceptible to correction by a multi-way stop installation. Such crashes include right-turn and left-turn collisions, as well as right-angle collisions (i.e., broadside, or head-on) and pedestrian-vehicle collisions. Other types categorized as ‘sideswipe’, ‘rear-end’, and ‘hit object’ collisions are generally not considered susceptible to correction, unless further review indicates otherwise. The latest available collision history was gathered by HCI from the California Highway Patrol (CHP) Statewide Integrated Traffic Records System website (i-SWITRS), which is where local jurisdictions such as cities report their collisions.

Collision History (continued)

A comprehensive 5-year traffic collision history summary report was prepared for this intersection and reviewed for collisions susceptible to correction by the installation of a multi-way stop. Table 1 below provides the most recent summary of collision history occurring at or near this intersection.

**TABLE 1
SWITRS COLLISION SUMMARY**

Intersection	2020-21		2022		2023		2024 - 2025	
	Date	Type of Coll. / Correctible?	Date	Type of Coll. / Correctible?	Date	Type of Coll. / Correctible?	Date	Type of Coll. / Correctible?
Vista Viejo Rd at Bridlewood Dr		None reported		None reported		None reported	08/08/25	Vehicle/Ped.*

Notes: Information above is derived per the latest 5-year intersection traffic collision database report gathered from CHP-SWITRS (*i-SWITRS website*).

1) Type of Coll. = Type of Collision (*i.e., broadside, rear-end, etc.*)

2) Correctible? = Yes / No

* No additional details at this time. The incident report was not available for review.

As shown, there have been zero (0) reported collisions at or near this intersection over the past (5) years of available SWITRS collision data. As noted above, HCI has been made aware of a vehicle vs. pedestrian incident on August 8, 2025 by City staff; however, the incident report was not made available in time to include in this analysis. Since the collision warrant requires a minimum of (5) reported crashes susceptible to correction by a multi-way stop, to occur within a 12-month period, the collision warrant is not satisfied.

The prepared traffic collision database report is included in Appendix B.

Traffic Volumes

HCI collected Average Daily Traffic (ADT) vehicular approach counts to the intersection on Tuesday, May 6, 2025 in order to account for vehicles that typically use this T-intersection. The ADT approach count for Vista Viejo Road is 2,692 vehicles per day with the highest AM peak-hour approach volume having 219 vehicles, and 247 vehicles in the PM peak-hour. The ADT approach count for Bridlewood Drive is 293 vehicles with the highest AM peak-hour approach volume having 28 vehicles, and 34 vehicles in the PM peak-hour. Table 2 (next page) provides a breakdown of the approach volumes.

The traffic volume data collected for this intersection is included in Appendix C.

Traffic Volumes (continued)

TABLE 2
HIGHEST 24-HOUR INTERSECTION APPROACH VEHICLE COUNTS

Street	Direction	ADT Volume	Directional Split	Highest Hourly Volume
Vista Viejo Road	Eastbound	1,348	50%	136 (8 – 9AM)
	Westbound	1,344	50%	141 (3 – 4PM)
Bridlewood Drive				
	Southbound	293	100%	34 (5 - 6PM)

Bridlewood Drive is considered the ‘through’ or ‘major’ street at this residential T-intersection since it carries higher volumes from both approaches, and drivers are not required to slow down, or even stop, before proceeding straight through the intersection. In comparison, Bridlewood Drive is considered the ‘minor’ street as southbound drivers on Bridlewood Drive are required to stop at Vista Viejo Road and look both ways before proceeding to make a left-turn or right-turn. It is typically expected that the traffic volumes on the minor street are significantly less than those on the major street. As can be seen from the table above, this is the case, as Bridlewood Drive carries approximately 10% of the entire traffic entering the intersection (Vista Viejo Road carries 90% of entering traffic).

A part of the California MUTCD guideline criteria also calls for a reduction in the required minimum volumes when the critical approach speed (*or 85th-percentile speed*) on the major street exceeds 40 MPH. If this is the case, the minimum vehicular volumes to be met for a multiway stop sign installation are reduced to 70%. As mentioned, the speed limit on Vista Viejo Road is 30 MPH. Field observations during our site visit also confirmed vehicles were not regularly speeding over the speed limit near the intersection, but were considered typical and what may be expected for two-lane local-collector type roadways. As the speed limit is less than the 40 MPH limit required to reduce traffic volumes, the 70% minimum volumes for a multi-way stop sign analysis are not applicable, and the 100% minimum volumes were analyzed on the next page.

Traffic Volumes (continued)

It is important to note that the highest hourly vehicle traffic counts shown in Table 2 above are given for the highest one-hour of traffic for each direction, and serve as a good indicator to compare with the required minimum hourly traffic volumes in the California MUTCD multi-way stop guidelines. It must also be mentioned that the average hourly minimum volumes for a multi-way stop application are to be satisfied for any eight (8) hours of an average day (not just for one hour in a day).

Table 3 below shows the California MUTCD minimum traffic volume guidelines for a Multi-way Stop Application in comparison with the highest 8-hour traffic count data collected at this intersection. Both Parts 1 and 2 of the minimum volume warrants below must be satisfied in order to fulfill the traffic volume warrant.

TABLE 3
MULTIWAY STOP SIGN WARRANT FOR MINIMUM TRAFFIC VOLUMES
VISTA VIEJO ROAD AT BRIDLEWOOD DRIVE

Part 1. The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any (8) hours of an average day, Results: No, average (193) vehicles per hour Only 64% of the required hourly traffic volume	<i>and</i>	Part 2. The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same (8) hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour, Results: No, average (24) vehicles per hour Only 12% of the required hourly traffic volume	<i>but</i>	Part 3. If the 85th-percentile approach speed of the major-street traffic exceeds 40 mph, the minimum vehicular volume warrants are (70) percent of the above values. Results: No, 85th percentile speed on major-street does not exceed 40 mph
--	------------	---	------------	---

As shown above, the average hourly intersection approach traffic volumes for the highest 8-hour period did not satisfy both Parts 1 and 2 (*64% major street / 12% minor street*). Therefore, the minimum traffic volume warrant is not satisfied.

Visibility

Impaired visibility, or restricted sight distance, due to the geometry of the intersection and possible obstructions was carefully considered during our field-review of the surrounding residential neighborhood property environment. The geometry of the intersection includes an approximate 90° angle, which is favorable for side-street sight distance. Vista Viejo Road has a consistent, gradual incline in the westbound direction, while Bridlewood Drive has a slight, gradual incline in the northbound direction.

Driver sight distance was measured from the side-street approach to the intersection, as southbound traffic on Bridlewood Drive is required to stop, before proceeding to make a left-turn or right-turn onto Vista Viejo Road. The measured distance was derived from the stopping sight distance guidelines found in the California MUTCD (*see Appendix D*). In this reference, a 30 MPH roadway speed recommends a minimum Stopping Sight Distance of 200 feet. However, it is likely that the 85th percentile speeds typically exceed the 30 MPH posted speed limit. Therefore, a 35 MPH speed limit was used as a more conservative measure, which has a minimum sight distance of 250 feet. This distance was used when looking towards approaching, uncontrolled traffic along Vista Viejo Road. More specifically, this stopping sight distance was field-measured from a typical ‘stopped’ vehicle location on Bridlewood Drive at the intersection looking towards the oncoming lanes of cross-traffic on Vista Viejo Road. An orange cone was placed at this distance and a photograph was taken from a stopped driver’s perspective (i.e., approximately 3.5 feet in height).

(See sight distance photos in Exhibit 3 on the following page).

As Exhibit 3 shows, when looking from Bridlewood Drive, a driver does have a clear line of sight to the minimum sight distance of 250 feet when looking both ways on Vista Viejo Road.

EXHIBIT 3



MULTIWAY STOP ANALYSIS SUMMARY

The analysis of the four (4) main criteria provided in the California MUTCD regarding **Multi-way Stop** Applications showed that this intersection did not meet the minimum guidelines to justify stopping the major roadway (i.e., Vista Viejo Road). The four main criteria analyzed were: 1) As an interim measure where traffic control signals are justified; 2) Reported collisions – a correctible crash problem; 3) Traffic and pedestrian volumes, speeds, and delay; and 4) Where a combination of the above criteria are satisfied to 80 percent.

In summary, the collision history at the intersection resulted in (0) SWITRS-reported collisions during the last five years of available data, where the minimum guideline calls for at least five (5) correctible collisions in a 12-month period. HCI was made aware of a vehicle vs. pedestrian incident on August 8, 2025 by City staff; however, the incident report was not made available in time to include in this analysis. The average minimum hourly street volumes required for a multi-way stop to be satisfied for any eight (8) hours in an average day did not come close to being satisfied. Excessive delay to any approach was not observed in terms of vehicles stopping and waiting for a gap on the major roadway due to the overall lower traffic volumes. Therefore, since intersection collision history and traffic volumes did not satisfy the minimum guidelines, it can also be derived that a traffic signal is not justified as an interim measure at this intersection (as mentioned in 1) above). The 80% combined criteria was also not met as both collisions and minimum traffic volumes were not satisfied to this percentage. If the California MUTCD criteria are not met, the location is typically not recommended for installation of a multi-way stop.

However, engineering judgment should always be included in any decision regarding traffic safety improvements. Intersection lighting was verified and found to be adequate as there is one street light located on the southwest corner. In regards to pedestrian and bicycle activity, field observations confirmed a low-to-medium activity of both.

MULTIWAY STOP ANALYSIS SUMMARY (continued)

It was also determined that southbound Bridlewood Drive drivers do have a clear line of sight when stopped and looking both ways at Vista Viejo Road traffic.

Therefore, based upon engineering judgment, it is determined that stopping traffic on Vista Viejo Road at Bridlewood Drive is not required to enhance traffic safety at this T-intersection.

RECOMMENDATION

In overall consideration of the analysis criteria in this report, a multi-way (3-Way) Stop sign installation is not recommended for the intersection of Vista Viejo Road and Bridlewood Drive. There are no other recommendations at this time.

APPENDIX A

MULTIWAY STOP APPLICATIONS GUIDELINES:

CALIFORNIA MUTCD

Standard:

03 Except as provided in Paragraphs 4 and 5, the minimum sizes for regulatory signs facing traffic on multi-lane conventional roads shall be as shown in the Multi-lane column of Table 2B-1 and 2B-1(CA).

Option:

04 Where the posted speed limit is 35 mph or less on a multi-lane highway or street, other than for a STOP sign, the minimum size shown in the Single Lane column in Table 2B-1 and 2B-1(CA) may be used.

05 Where a regulatory sign, other than a STOP sign, is placed on the left-hand side of a multi-lane roadway in addition to the installation of the same regulatory sign on the right-hand side or the roadway, the size shown in the Single Lane column in Table 2B-1 and 2B-1(CA) may be used for both the sign on the right-hand side and the sign on the left-hand side of the roadway.

Standard:

06 A minimum size of 36 x 36 inches shall be used for STOP signs that face multi-lane approaches.

07 Where side roads intersect a multi-lane street or highway that has a speed limit of 45 mph or higher, the minimum size of the STOP signs facing the side road approaches, even if the side road only has one approach lane, shall be 36 x 36 inches.

08 Where side roads intersect a multi-lane street or highway that has a speed limit of 40 MPH or lower, the minimum size of the STOP signs facing the side road approaches shall be as shown in the Single Lane or Multi-lane columns of Table 2B-1 and 2B-1(CA) based on the number of approach lanes on the side street approach.

Guidance:

09 The minimum sizes for regulatory signs facing traffic on exit and entrance ramps should be as shown in the column of Table 2B-1 and 2B-1(CA) that corresponds to the mainline roadway classification (Expressway or Freeway). If a minimum size is not provided in the Freeway column, the minimum size in the Expressway column should be used. If a minimum size is not provided in the Freeway or Expressway Column, the size in the Oversized column should be used.

Section 2B.04 Right-of-Way at Intersections

Support:

01 State or local laws written in accordance with the "Uniform Vehicle Code" (see Section 1A.11) establish the right-of-way rule at intersections having no regulatory traffic control signs such that the driver of a vehicle approaching an intersection must yield the right-of-way to any vehicle or pedestrian already in the intersection. When two vehicles approach an intersection from different streets or highways at approximately the same time, the right-of-way rule requires the driver of the vehicle on the left to yield the right-of-way to the vehicle on the right. The right-of-way can be modified at through streets or highways by placing YIELD (R1-2) signs (see Sections 2B.08 and 2B.09) or STOP (R1-1) signs (see Sections 2B.05 through 2B.07) on one or more approaches.

Guidance:

02 Engineering judgment should be used to establish intersection control. The following factors should be considered:

- A. Vehicular, bicycle, and pedestrian traffic volumes on all approaches;
- B. Number and angle of approaches;
- C. Approach speeds;
- D. Sight distance available on each approach; and
- E. Reported crash experience.

03 YIELD or STOP signs should be used at an intersection if one or more of the following conditions exist:

- A. An intersection of a less important road with a main road where application of the normal right-of-way rule would not be expected to provide reasonable compliance with the law;
- B. A street entering a designated through highway or street; and/or
- C. An unsignalized intersection in a signalized area.

04 In addition, the use of YIELD or STOP signs should be considered at the intersection of two minor streets or local roads where the intersection has more than three approaches and where one or more of the following conditions exist:

- A. The combined vehicular, bicycle, and pedestrian volume entering the intersection from all approaches averages more than 2,000 units per day;
 - B. The ability to see conflicting traffic on an approach is not sufficient to allow a road user to stop or yield in compliance with the normal right-of-way rule if such stopping or yielding is necessary; and/or
 - C. Crash records indicate that five or more crashes that involve the failure to yield the right-of-way at the intersection under the normal right-of-way rule have been reported within a 3-year period, or that three or more such crashes have been reported within a 2-year period.
- ⁰⁵ **YIELD or STOP signs should not be used for speed control.**

Support:

- ⁰⁶ Section 2B.07 contains provisions regarding the application of multi-way STOP control at an intersection.

Guidance:

⁰⁷ Once the decision has been made to control an intersection, the decision regarding the appropriate roadway to control should be based on engineering judgment. In most cases, the roadway carrying the lowest volume of traffic should be controlled.

⁰⁸ A YIELD or STOP sign should not be installed on the higher volume roadway unless justified by an engineering study.

Support:

⁰⁹ The following are considerations that might influence the decision regarding the appropriate roadway upon which to install a YIELD or STOP sign where two roadways with relatively equal volumes and/or characteristics intersect:

A. Controlling the direction that conflicts the most with established pedestrian crossing activity or school walking routes;

B. Controlling the direction that has obscured vision, dips, or bumps that already require drivers to use lower operating speeds; and

C. Controlling the direction that has the best sight distance from a controlled position to observe conflicting traffic.

Standard:

¹⁰ Because the potential for conflicting commands could create driver confusion, YIELD or STOP signs shall not be used in conjunction with any traffic control signal operation., ~~except in the following cases:~~

~~A. If the signal indication for an approach is a flashing red at all times;~~

~~B. If a minor street or driveway is located within or adjacent to the area controlled by the traffic control signal, but does not require separate traffic signal control because an extremely low potential for conflict exists; or~~

~~C. If a channelized turn lane is separated from the adjacent travel lanes by an island and the channelized turn lane is not controlled by a traffic control signal.~~

^{10a} STOP signs shall not be erected at any entrance to an intersection controlled by traffic signals. Refer to CVC 21355(a).

Option:

^{10b} YIELD or STOP signs may be used at a channelized turn lane if it is separated from the adjacent travel lanes moving in same direction by an island and the channelized turn lane is not controlled by a traffic control signal.

Standard:

¹¹ Except as provided in Section 2B.09, STOP signs and YIELD signs shall not be installed on different approaches to the same unsignalized intersection if those approaches conflict with or oppose each other.

¹² Portable or part-time STOP or YIELD signs shall not be used except for emergency and temporary traffic control zone purposes.

¹³ A portable or part-time (folding) STOP sign that is manually placed into view and manually removed from view shall not be used during a power outage to control a signalized approach unless the maintaining agency establishes that the signal indication that will first be displayed to that approach upon restoration of power is a flashing red signal indication and that the portable STOP sign will be manually removed from view prior to stop-and-go operation of the traffic control signal.

Option:

¹⁴ A portable or part-time (folding) STOP sign that is electrically or mechanically operated such that it only displays the STOP message during a power outage and ceases to display the STOP message upon restoration of power may be used during a power outage to control a signalized approach.

Support:

¹⁵ Section 9B.03 contains provisions regarding the assignment of priority at a shared-use path/ roadway intersection.

Section 2B.05 STOP Sign (R1-1) and ALL WAY Plaque (R1-3P)

Standard:

⁰¹ When it is determined that a full stop is always required on an approach to an intersection, a STOP (R1-1) sign (see Figure 2B-1) shall be used.

⁰² The STOP sign shall be an octagon with a white legend and border on a red background.

⁰³ Secondary legends shall not be used on STOP sign faces.

⁰⁴ At intersections where all approaches are controlled by STOP signs (see Section 2B.07), an ALL WAY supplemental plaque (R1-3P) shall be mounted below each STOP sign. The ALL WAY plaque (see Figure 2B-1) shall have a white legend and border on a red background.

⁰⁵ The ALL WAY plaque shall only be used if all intersection approaches are controlled by STOP signs.

⁰⁶ Supplemental plaques with legends such as 2-WAY, 3-WAY, 4-WAY, or other numbers of ways shall not be used with STOP signs.

Support:

⁰⁷ The use of the CROSS TRAFFIC DOES NOT STOP (W4-4P) plaque (and other plaques with variations of this word message) is described in Section 2C.59.

Guidance:

⁰⁸ Plaques with the appropriate alternative messages of TRAFFIC FROM LEFT (RIGHT) DOES NOT STOP (W4-4aP) or ONCOMING TRAFFIC DOES NOT STOP (W4-4bP) should be used at intersections where STOP signs control all but one approach to the intersection, unless the only non-stopped approach is from a one-way street.

Option:

⁰⁹ An EXCEPT RIGHT TURN (R1-10P) plaque (see Figure 2B-1) may be mounted below the STOP sign if an engineering study determines that a special combination of geometry and traffic volumes is present that makes it possible for right-turning traffic on the approach to be permitted to enter the intersection without stopping.

Support:

¹⁰ The design and application of Stop Beacons are described in Section 4L.05.

¹¹ A STOP (R1-1) sign is not a "cure-all" and is not a substitute for other traffic control devices. Often, the need for a STOP (R1-1) sign can be eliminated if the sight distance is increased by removing obstructions.

Through Highways

Option:

¹² STOP (R1-1) signs may be installed either at or near the entrance to a State highway, except at signalized intersections, or at any location so as to control traffic within an intersection. Refer to CVC 21352 and 21355. See Section 1A.11 for information regarding this publication.

Support:

¹³ When STOP (R1-1) signs or traffic control signals have been erected at all entrances, a highway constitutes a through highway. Refer to CVC 600.

¹⁴ Authority to place STOP (R1-1) signs facing State highway traffic is delegated to the Caltrans District Directors.

Option:

¹⁵ Local authorities may designate any highway under their jurisdiction as a through highway and install STOP (R1-1) signs in a like manner. Refer to CVC 21354.

Standard:

¹⁶ No local authority shall erect or maintain any STOP (R1-1) sign or other traffic control device requiring a stop, on any State highway, except by permission of Caltrans. Refer to CVC 21353.

Support:

¹⁷ Caltrans will grant such permission only when an investigation indicates that the STOP (R1-1) sign will benefit traffic.

Section 2B.06 STOP Sign Applications

Guidance:

⁰¹ At intersections where a full stop is not necessary at all times, consideration should first be given to using less restrictive measures such as YIELD signs (see Sections 2B.08 and 2B.09).

⁰² The use of STOP signs on the minor-street approaches should be considered if engineering judgment indicates that a stop is always required because of one or more of the following conditions:

- A. The vehicular traffic volumes on the through street or highway exceed 6,000 vehicles per day;
- B. A restricted view exists that requires road users to stop in order to adequately observe conflicting traffic on the through street or highway; and/or
- C. Crash records indicate that three or more crashes that are susceptible to correction by the installation of a STOP sign have been reported within a 12-month period, or that five or more such crashes have been reported within a 2-year period. Such crashes include right-angle collisions involving road users on the minor-street approach failing to yield the right-of-way to traffic on the through street or highway.

Support:

⁰³ The use of STOP signs at grade crossings is described in Sections 8B.04 and 8B.05.

Section 2B.07 Multi-Way Stop Applications

Support:

⁰¹ Multi-way stop control can be useful as a safety measure at intersections if certain traffic conditions exist. Safety concerns associated with multi-way stops include pedestrians, bicyclists, and all road users expecting other road users to stop. Multi-way stop control is used where the volume of traffic on the intersecting roads is approximately equal.

⁰² The restrictions on the use of STOP signs described in Section 2B.04 also apply to multi-way stop applications.

Guidance:

⁰³ The decision to install multi-way stop control should be based on an engineering study.

⁰⁴ The following criteria should be considered in the engineering study for a multi-way STOP sign installation:

- A. Where traffic control signals are justified, the multi-way stop is an interim measure that can be installed quickly to control traffic while arrangements are being made for the installation of the traffic control signal.
- B. Five or more reported crashes in a 12-month period that are susceptible to correction by a multi-way stop installation. Such crashes include right-turn and left-turn collisions as well as right-angle collisions.
- C. Minimum volumes:
 - 1. The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day; and
 - 2. The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour; but
 - 3. If the 85th-percentile approach speed of the major-street traffic exceeds 40 mph, the minimum vehicular volume warrants are 70 percent of the values provided in Items 1 and 2.
- D. Where no single criterion is satisfied, but where Criteria B, C.1, and C.2 are all satisfied to 80 percent of the minimum values. Criterion C.3 is excluded from this condition.

Option:

⁰⁵ Other criteria that may be considered in an engineering study include:

- A. The need to control left-turn conflicts;
- B. The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes;
- C. Locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop; and

- D. An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection.**

Section 2B.08 YIELD Sign (R1-2)

Standard:

01 The YIELD (R1-2) sign (see Figure 2B-1) shall be a downward-pointing equilateral triangle with a wide red border and the legend YIELD in red on a white background.

Support:

02 The YIELD sign assigns right-of-way to traffic on certain approaches to an intersection. Vehicles controlled by a YIELD sign need to slow down to a speed that is reasonable for the existing conditions or stop when necessary to avoid interfering with conflicting traffic.

Section 2B.09 YIELD Sign Applications

Option:

01 YIELD signs may be installed:

- A. On the approaches to a through street or highway where conditions are such that a full stop is not always required.**
- B. At the second crossroad of a divided highway, where the median width at the intersection is 30 feet or greater. In this case, a STOP or YIELD sign may be installed at the entrance to the first roadway of a divided highway, and a YIELD sign may be installed at the entrance to the second roadway.**
- C. For a channelized turn lane that is separated from the adjacent travel lanes by an island, even if the adjacent lanes at the intersection are controlled by a highway traffic control signal or by a STOP sign.**
- D. At an intersection where a special problem exists and where engineering judgment indicates the problem to be susceptible to correction by the use of the YIELD sign.**
- E. Facing the entering roadway for a merge-type movement if engineering judgment indicates that control is needed because acceleration geometry and/or sight distance is not adequate for merging traffic operation.**

Standard:

02 A YIELD (R1-2) sign shall be used to assign right-of-way at the entrance to a roundabout. YIELD signs at roundabouts shall be used to control the approach roadways and shall not be used to control the circulatory roadway.

03 Other than for all of the approaches to a roundabout, YIELD signs shall not be placed on all of the approaches to an intersection.

Section 2B.10 STOP Sign or YIELD Sign Placement

Standard:

01 The STOP or YIELD sign shall be installed on the near side of the intersection on the right-hand side of the approach to which it applies. When the STOP or YIELD sign is installed at this required location and the sign visibility is restricted, a Stop Ahead sign (see Section 2C.36) shall be installed in advance of the STOP sign or a Yield Ahead sign (see Section 2C.36) shall be installed in advance of the YIELD sign.

02 The STOP or YIELD sign shall be located as close as practical to the intersection it regulates, while optimizing its visibility to the road user it is intended to regulate.

02a YIELD signs shall not be erected upon the approaches to more than one of the intersecting streets. Refer to CVC 21356.

03 STOP signs and YIELD signs shall not be mounted on the same post.

04 No items other than inventory stickers, sign installation dates, and bar codes shall be affixed to the fronts of STOP or YIELD signs, and the placement of these items shall be in the border of the sign.

05 No items other than official traffic control signs, inventory stickers, sign installation dates, anti-vandalism stickers, and bar codes shall be mounted on the backs of STOP or YIELD signs.

06 No items other than retroreflective strips (see Section 2A.21) or official traffic control signs shall be mounted on the fronts or backs of STOP or YIELD signs supports.

APPENDIX B

SWITRS COLLISION HISTORY

CITY OF LAGUNA HILLS
INTERSECTION OF VISTA VIEJO ROAD AND BRIDLEWOOD DRIVE
5-YEAR SWITRS COLLISION DATABASE
JAN. 1, 2020 THROUGH DEC. 31, 2024

CASE ID	COLL. DATE	COLL. TIME	PRIMARY ROAD	SECONDARY ROAD	DIST.	DIR.	INTERS.	WEATH. 1	COLL. SEVERITY	PRIM. COLL. FACT.	PCF VIOL. CAT.	PCF VIOL.	HIT AND RUN	TYPE OF COLL.	MOTOR VEHICLE INVOLVED WITH	ROAD SURF.
---------	------------	------------	--------------	----------------	-------	------	---------	----------	----------------	-------------------	----------------	-----------	-------------	---------------	-----------------------------	------------

NO COLLISIONS REPORTED.

NOTES:

Weather 1
A - Clear
B - Cloudy
C - Raining
D - Snowing
E - Fog
F - Other
G - Wind
-- Not Stated

Collision Severity
1 - Fatal
2 - Injury (Severe)
3 - Injury (Other Visible)
4 - Injury (Complaint of Pain)
0 - PDO (Property Damage Only)

Primary Collision Factor
A - (Vehicle) Code Violation
B - Other Improper Driving
C - Other Than Driver
D - Unknown
E - Fell Asleep
-- Not Stated

PCF Violation Category
01 - Driving or Bicycling Under Influence
02 - Impeding Traffic
03 - Unsafe Speed
04 - Following Too Closely
05 - Wrong Side of Road
06 - Improper Passing
07 - Unsafe Lane Change
08 - Improper Turning
09 - Automobile ROW
10 - Pedestrian ROW
11 - Pedestrian Violation
12 - Traffic Signals and Signs
13 - Hazardous Parking
14 - Lights
15 - Brakes
16 - Other Equipment
17 - Other Hazardous Violation
18 - Other Than Driver (or Ped)
19 -
20 -
21 - Unsafe Starting or Backing
22 - Other Improper Driving
23 - Pedestrian or "Other" Under the Influence
24 - Fell Asleep
00 - Unknown
-- Not Stated

Hit and Run
F - Felony
M - Misdemeanor
N - Not Hit & Run

Type of Collision
A - Head-On
B - Sideswipe
C - Rear-End
D - Broadside
E - Hit Object
F - Overturned
G - Vehicle/Pedestrian
H - Other
-- Not Stated

Motor Vehicle Involved With:
A - Non-Collision
B - Pedestrian
C - Other Motor Vehicle
D - Motor Vehicle on Other Roadway
E - Parked Motor Vehicle
F - Train
G - Bicycle
H - Animal
I - Fixed Object
J - Other Object
-- Not Stated

Road Surface
A - Dry
B - Wet
C - Snowy or Icy
D - Slippery
-- Not Stated

APPENDIX C

AVERAGE DAILY TRAFFIC (ADT)

COUNT DATA

VOLUME

Bridlewood Dr & Vista Viejo Rd

Day: Tuesday
Date: 5/6/2025

Highest 8 Hours per Side-Street Perspective.

City: Laguna Hills
Project #: CA25_010050_001

DAILY TOTALS						NB	SB					Total
						0	293					2,985
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
0:00	0	0	1	1	2	12:00	0	4	20	28	52	
0:15	0	0	0	1	1	12:15	0	4	18	20	42	
0:30	0	0	0	0	0	12:30	0	2	25	20	47	
0:45	0	0	0	1	0	12:45	0	6	16	21	45	186
1:00	0	0	1	2	3	13:00	0	6	29	22	57	
1:15	0	0	0	0	0	13:15	0	7	26	18	51	
1:30	0	0	0	1	1	13:30	0	4	23	21	48	
1:45	0	0	0	1	0	13:45	0	7	24	20	48	204
2:00	0	0	0	0	0	14:00	0	3	21	26	50	
2:15	0	0	0	0	0	14:15	0	5	32	23	60	
2:30	0	0	0	1	1	14:30	0	2	30	27	59	
2:45	0	0	0	0	0	14:45	0	4	14	23	52	221
3:00	0	1	1	0	2	15:00	0	3	20	33	56	
3:15	0	0	1	0	1	15:15	0	7	33	36	76	
3:30	0	0	0	0	0	15:30	0	2	32	27	61	
3:45	0	0	1	3	1	15:45	0	6	18	21	72	265
4:00	0	0	0	0	0	16:00	0	8	23	34	65	
4:15	0	0	0	0	0	16:15	0	5	33	34	72	
4:30	0	0	0	0	0	16:30	0	9	20	21	50	
4:45	0	1	1	4	6	16:45	0	1	23	15	34	221
5:00	0	1	2	0	3	17:00	0	12	24	30	66	
5:15	0	0	5	0	5	17:15	0	8	28	28	64	
5:30	0	2	10	1	13	17:30	0	11	24	26	61	
5:45	0	2	5	5	11	17:45	0	3	34	20	56	247
6:00	0	0	7	4	11	18:00	0	2	18	28	48	
6:15	0	3	7	3	13	18:15	0	1	19	21	41	
6:30	0	2	14	7	23	18:30	0	5	20	30	55	
6:45	0	2	7	8	15	18:45	0	5	13	13	45	189
7:00	0	3	29	17	49	19:00	0	1	14	16	31	
7:15	0	9	32	6	47	19:15	0	0	14	17	31	
7:30	0	5	36	16	57	19:30	0	8	10	23	41	
7:45	0	11	28	30	62	19:45	0	3	12	7	32	135
8:00	0	7	50	16	73	20:00	0	6	8	22	36	
8:15	0	4	29	28	61	20:15	0	1	8	21	30	
8:30	0	5	27	18	50	20:30	0	3	9	16	28	
8:45	0	4	20	30	55	20:45	0	4	14	7	31	125
9:00	0	5	27	16	48	21:00	0	1	8	22	31	
9:15	0	3	23	16	42	21:15	0	0	6	12	18	
9:30	0	3	20	19	42	21:30	0	0	3	9	12	
9:45	0	3	14	25	38	21:45	0	0	1	3	14	75
10:00	0	7	19	18	44	22:00	0	1	3	9	13	
10:15	0	3	19	14	36	22:15	0	0	2	5	7	
10:30	0	3	18	19	40	22:30	0	0	2	2	4	
10:45	0	11	24	18	44	22:45	0	0	1	0	4	28
11:00	0	6	16	17	39	23:00	0	0	1	0	1	
11:15	0	7	22	22	51	23:15	0	0	2	2	4	
11:30	0	3	24	18	45	23:30	0	0	0	2	2	
11:45	0	7	23	28	45	23:45	0	0	1	4	2	9
TOTALS	123		589		368	TOTALS	170		759		976	1905
SPLIT %	11.4%		54.5%		34.1%	SPLIT %	8.9%		39.8%		51.2%	63.8%

DAILY TOTALS						NB	SB					Total
						0	293					2,985
AM Peak Hour	7:15	7:15	7:45	7:30	PM Peak Hour	17:00	15:15	15:15	15:15	15:15		
AM Pk Volume	32	148	83	253	PM Pk Volume	34	109	142	274			
Pk Hr Factor	0.727	0.740	0.741	0.866	Pk Hr Factor	0.708	0.826	0.789	0.901			
7 - 9 Volume	0	48	263	143	4 - 6 Volume	0	57	187	224	468		
7 - 9 Peak Hour	7:15	7:15	7:45	7:30	4 - 6 Peak Hour	17:00	17:00	17:00	17:00	17:00		
7 - 9 Pk Volume	0	32	148	83	4 - 6 Pk Volume	0	34	96	117	247		
Pk Hr Factor	0.000	0.727	0.740	0.741	Pk Hr Factor	0.000	0.708	0.857	0.886	0.936		

APPENDIX D

STOPPING SIGHT DISTANCE AS A FUNCTION OF SPEED

CALIFORNIA MUTCD

Table 6C-1. Recommended Advance Warning Sign ~~Minimum~~ Spacing

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed) - 25 mph or less***	100 feet	100 feet	100 feet
Urban - more than 25 mph to 40 mph***	250 feet	250 feet	250 feet
Urban (high speed) - more than 40 mph***	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* ~~Speed category to be determined by the highway agency.~~

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

*** Posted speed limit, off-peak 85th-percentile speed prior to work starting, or other anticipated operating speed in mph.

Table 6C-2. Stopping Sight Distance as a Function of Speed on Level Roads.
(Used as suggested longitudinal buffer space length or location for flagger station)

Speed*	Distance
20 mph	115 feet
25 mph	155 feet
30 mph	200 feet
35 mph	250 feet
40 mph	305 feet
45 mph	360 feet
50 mph	425 feet
55 mph	495 feet
60 mph	570 feet
65 mph	645 feet
70 mph	730 feet
75 mph	820 feet

* Posted speed, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph.

Table 6C-3. Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length
Merging Taper	at least L
Shifting Taper	at least 0.5 L
Shoulder Taper	at least 0.33 L
One-Lane, Two-Way Traffic Taper	50 feet minimum, 100 feet maximum
Downstream Taper	50 feet minimum, 100 feet maximum

Note: Use Table 6C-4 to calculate L



City of Laguna Hills

Traffic Commission

Staff Report

DATE: July 18, 2018
TO: Traffic Commissioners
FROM: Kenneth H. Rosenfield P.E.
Assistant City Manager/Director of Public Services
ISSUE: Review of Traffic Conditions on Bridlewood Drive and Devonshire Road

RECOMMENDATION: That the Traffic Commission Request Staff Monitor the Speed of Vehicles and Repeat the Speed Survey of Bridlewood Drive Between Vista Viejo Road and Laurel Crest Drive in Six Months Time.

SUMMARY:

Staff was recently contacted by a resident of Moulton Ranch regarding concerns of vehicular speeding and traffic collisions on Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive, and on Devonshire Road, between Falling Leaf Drive and Nottingham Court. Please see the attached Vicinity Map. Based upon the resident's concern and in accordance with the Residential Streets Management Policy, staff initiated a review of the travel speeds, traffic volume and traffic collision history on Bridlewood Drive and on Devonshire Road.

The Traffic Engineers of Hartzog & Crabill, Inc., (HCI) completed the attached June 1, 2018, study of the traffic attributes of Bridlewood Drive from Vista Viejo Road to Laurel Crest Drive and Devonshire Road from Falling Leaf Drive to Nottingham Court. The speed surveys, performed by HCI, as shown in the study, determined the 85th percentile speeds on Bridlewood Drive and Devonshire Road as 37.1 mph and 32.9 mph, respectively.

0840-50 900023872

Review of Traffic Conditions on Bridlewood Drive and Devonshire Road

July 18, 2018

Page 2

The 85th percentile speed measurement of Bridlewood Drive is higher than expected and considered to be unacceptable for a residential character street. The study also determined 24.6% of the vehicles on Bridlewood Drive were exceeding 34 mph, which is also a higher percentage than the expected percentage, typically at approximately 15%.

The 85th percentile speed measurement of Devonshire Road was fully within the expected range. Staff's long term experience has found the typical prevailing speed range for such streets to be between 32 and 34 mph, without adverse traffic collision history. Hence, the 85th percentile speed on Devonshire of 32 mph is not of concern for this residential character street.

The traffic count data, for both Bridlewood Drive and Devonshire Road, revealed the 24-hr volumes to be very low for a typical residential street that is a connecting, or through, street to other neighborhoods. The traffic volumes are not significant and no action is needed in response to this data.

A five-year traffic collision history review of Bridlewood Drive was also included in the study which determined three traffic collisions, including one not identified in the collision data from SWITRS but noted based on the attached photographic evidence provided by a resident, had occurred on Bridlewood Drive during this time. None of the traffic collisions were identified as speed-related.

The five-year traffic collision history review of Devonshire Road identified a single traffic collision which was not identified as speed-related and is not considered significant for the purposes of this report.

Concentrated police enforcement of driver behavior is the best and appropriate remedy for residential streets vehicular speeding and is recommended for Bridlewood Drive. Staff will work with the Orange County Sheriff's Department on enforcement activity in this area and will also post the radar trailer in this area to increase driver education as to the appropriate speed on Bridlewood Drive. Staff will also provide the Moulton Ranch Homeowners Association (HOA) with a traffic safety article to be included in their newsletter for the residents of their HOA. In addition, a follow-up speed survey is recommended to be performed in six months. Should the speeding issue remain, the next incremental action will be evaluated. Currently, there are 25 mph pavement

Review of Traffic Conditions on Bridlewood Drive and Devonshire Road
July 18, 2018
Page 3

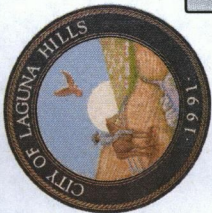
legends and 25 mph signs posted at multiple locations along Bridlewood Drive between Vista Viejo Road and Laurel Crest Drive. While no changes to existing traffic controls are currently proposed, the number and locations of speed limit signage and pavement markings will also be reviewed following the repeat speed survey.

ATTACHMENTS:

- Vicinity Map
- Photograph
- Traffic Evaluation



VICINITY MAP - BRIDLEWOOD DRIVE & DEVONSHIRE ROAD



Attachment: Photograph (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)





Trammell Hartzog, President
 Gerald J. Stock, PE, TE,
 Executive Vice President

17852 E. 17th Street
 Suite 101
 Tustin, CA 92780

Phone: (714) 731-9455
 FAX: (714) 731-9498

www.hartzog-crabill.com

June 1, 2018

Mr. Kenneth H. Rosenfield, PE
 Assistant City Manager/Public Services Director
City of Laguna Hills
 24035 El Toro Road
 Laguna Hills, CA 92653

**Subject: Traffic Data Evaluation - Letter of Opinion -
 Speeding and Collision Concerns along Bridlewood Drive
 and Also along Devonshire Road**

Dear Mr. Rosenfield,

Pursuant to your request, Hartzog & Crabill, Inc. (HCI) has prepared this traffic engineering evaluation regarding residential concerns of speeding and collisions along the following two (2) street segments:

- 1) Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive
- 2) Devonshire Road, between Falling Leaf Drive and Nottingham Court

BACKGROUND

Bridlewood Drive

Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive, is a 40-foot wide, 2-lane, north-south residential collector roadway. At the project limits, there is a 1-way stop at Vista Viejo Road and a 3-way stop at Laurel Crest Drive. There is no centerline striping along the entire segment, with exception of a short length of double-yellow centerline at the project limits.

There are posted 25 MPH speed limit signs along Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive. There are also '25' pavement markings adjacent to the sign postings. On-street parking is allowed along both sides of Bridlewood Drive.

Devonshire Road

Devonshire Road, between Falling Leaf Drive and Nottingham Court, is a 40-foot wide, 2-lane, north-south residential collector roadway. At the project limits, both intersections have 1-way stop controls. There is no centerline striping along the entire segment, with exception of a short length of double-yellow centerline at the project limits.

There are posted 25 MPH speed limit signs along Devonshire Road between Falling Leaf Drive and Nottingham Court. There are also '25' pavement markings adjacent to the sign postings. On-street parking is allowed along both sides of Devonshire Road.

Consulting Traffic Engineers to Government Agencies

Mr. Kenneth H. Rosenfield, PE
 June 1, 2018
 Page 2 of 5

TRAVEL SPEED DATA

To determine travel speeds on Bridlewood Drive and on Devonshire Road, a spot speed radar survey was conducted along each of these residential collector roadways on Wednesday, May 16, 2018, and Thursday, May 17, 2018, respectively. Tables 1 & 2 below summarize the radar speed data.

TABLE 1
SPEED SURVEY SUMMARY
BRIDLEWOOD DRIVE, FROM VISTA VIEJO ROAD TO LAUREL CREST DRIVE

Speed-Count Summary	From Vista Viejo Road to Laurel Crest Drive
85 th Percentile Speed	37.1 MPH
Median Speed	29.5 MPH
15th Percentile Speed	25.0 MPH
10 MPH Pace Speed	25-34 MPH
Average Daily Traffic (ADT)	722 vehicles

As shown above, the 85th percentile speed on Bridlewood Drive was recorded at 37.1 MPH. This data shows that higher than typical travel speeds are occurring above the posted 25 MPH speed limit.

TABLE 2
SPEED SURVEY SUMMARY
DEVONSHIRE ROAD, FROM FALLING LEAF DRIVE TO NOTTINGHAM COURT

Speed-Count Summary	From Falling Leaf Drive to Nottingham Court
85 th Percentile Speed	32.9 MPH
Median Speed	27.9 MPH
15th Percentile Speed	25.0 MPH
10 MPH Pace Speed	25-34 MPH
Average Daily Traffic (ADT)	590 vehicles

As shown above, the 85th percentile speed on Devonshire Road was recorded at 32.9 MPH. This data shows that typical travel speeds are occurring for a posted 25 MPH speed limit street. All radar survey data is attached to this letter.

Mr. Kenneth H. Rosenfield, PE
June 1, 2018
Page 3 of 5

TRAFFIC VOLUME DATA

Bridlewood Drive

Average Daily Traffic (ADT) counts were collected for the segment of Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive, on Wednesday, May 2, 2018. The ADT, or 24-hour two-way traffic volume, along this segment resulted in 722 vehicles.

A two-lane collector street generally has a Level-of-Service (LOS) 'D' capacity of 11,300 vehicles per day. Consequently, the existing traffic volume is well under the roadway capacity.

Devonshire Road

Average Daily Traffic (ADT) counts were collected for the segment of Devonshire Road, between Falling Leaf Drive and Nottingham Court, on Wednesday, May 2, 2018. The ADT, or 24-hour two-way traffic volume, along this segment resulted in 590 vehicles.

As mentioned, a two-lane collector street generally has a Level-of-Service (LOS) 'D' capacity of 11,300 vehicles per day. Consequently, the existing traffic volume is well under the roadway capacity. All traffic volume data is included in the appendix.

COLLISION DATA

Bridlewood Drive

HCI obtained collision data for the past five (5) years, between January 1, 2013 – February 28, 2018, from the Statewide Integrated Traffic Records System website (*i*-SWITRS) database to determine the number of collisions occurring on this segment of Bridlewood Drive. Table 3 below presents the summary collision data.

TABLE 3
TRAFFIC COLLISION DATA SUMMARY
BRIDLEWOOD DRIVE, FROM VISTA VIEJO ROAD TO LAUREL CREST DRIVE

YEAR	NUMBER OF COLLISIONS	FATAL	INJURY	PROPERTY DAMAGE ONLY
2013	1	0	1	0
2014	0	0	0	0
2015	0	0	0	0
2016	0	0	0	0
2017	1	0	0	1
2018 *	1	0	0	1

* Available SWITRS data was only up to February 2018 at the time of report preparation.

Mr. Kenneth H. Rosenfield, PE
June 1, 2018
Page 4 of 5

COLLISION DATA (continued)

As shown above, there were a total of three (3) collisions reported along this segment within the last (5) years. The collisions were recorded as Rear End and Head-On types, and categorized as Driving or Bicycling Under Influence and Automobile ROW. As such, there were no collisions determined as 'speed-related'. Consequently, there are no other recommendations regarding collisions at this time.

It is noted, a resident provided the City with photographic evidence of a two vehicle traffic collision having occurred on Bridlewood Drive on April 5, 2018. The Sheriff's Department reported that no police report was written as the parties described no injuries and stated they would settle the matter on their own. Accordingly, we have no details on the cause of this traffic collision.

Devonshire Road

HCI also obtained collision data for the past five (5) years, between January 1, 2013 – February 28, 2018, from the Statewide Integrated Traffic Records System website (*i-SWITRS*) database to determine the number of collisions occurring on the subject segment of Devonshire Road. Table 4 below presents the summary collision data.

**TABLE 4
TRAFFIC COLLISION DATA SUMMARY
DEVONSHIRE ROAD, FROM FALLING LEAF DRIVE TO NOTTINGHAM COURT**

YEAR	NUMBER OF COLLISIONS	FATAL	INJURY	PROPERTY DAMAGE ONLY
2013	0	0	0	0
2014	0	0	0	0
2015	0	0	0	0
2016	0	0	0	0
2017	1	0	1	0
2018 *	0	0	0	0

* Available SWITRS data was only up to February 2018 at the time of report preparation.

As shown above, there was only one (1) collision reported along this segment within the last (5) years. This collision was recorded as a Rear End type, and categorized as Improper Turning. As such, there were no collisions determined as 'speed-related'. Consequently, there are no other recommendations regarding collisions at this time. The comprehensive 5-year segment collision history reports are attached to this letter.

Mr. Kenneth H. Rosenfield, PE
June 1, 2018
Page 5 of 5

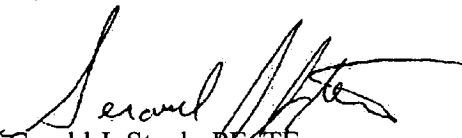
RECOMMENDATIONS

As speeding was verified on Bridlewood Drive, it is recommended that an incremental approach be taken to address the higher travel speeds. Initial steps include:

- increased law enforcement.
- deployment of portable radar speed-feedback trailers.
- neighborhood watch committee meeting to help make all residents aware of speeding.

It has been our pleasure to prepare this letter of opinion regarding speeds, traffic volumes, and collisions on Bridlewood Drive, and also on Devonshire Road. If you may have any questions or need additional information, please feel free to call us anytime at (714) 731-9455.

Sincerely,
HARTZOG & CRABILL, INC.



Gerald J. Stock, PE, TE
Executive Vice President

Attachments: Radar Speed Data (Qty. 2)
 ADT Volume Data (Qty. 2)
 Collision History (Qty. 2)

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

Speed Data

RADAR SPEED DISTRIBUTION SHEET

HCI**CITY OF LAGUNA HILLS****BRIDLEWOOD DRIVE****LAUREL CREST DR TO VISTA VIEJO**

DATE: 5/16/2018

SURVEY BY:

C. BUENDIA

TIME: 9:00 AM - 10:00 AM

CHECKED BY:

JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60					X	100.0%
59					X	100.0%
58					X	100.0%
57					X	100.0%
56					X	100.0%
55					X	100.0%
54					X	100.0%
53					X	100.0%
52					X	100.0%
51					X	100.0%
50					X	100.0%
49					X	100.0%
48					X	100.0%
47					X	100.0%
46					X	100.0%
45					X	100.0%
44					X	100.0%
43					X	100.0%
42					X	98.1%
41					X	98.1%
40					X	96.2%
39					X	94.3%
38					X	92.5%
37					X	86.8%
36					X	83.0%
35					X	77.4%
34					X	75.5%
33					X	67.9%
32					X	64.2%
31					X	56.6%
30					X	49.1%
29					X	41.5%
28					X	34.0%
27					X	28.3%
26					X	18.9%
25					X	17.0%
24					X	5.7%
23					X	3.8%
22					X	3.8%
21					X	1.9%
20					X	1.9%
19					X	0.0%
18					X	0.0%
17					X	0.0%
16					X	0.0%
15					X	0.0%

-- -85PCT

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

UPPER LIMIT 10 MPH PACE: 34 MPH

LOWER LIMIT 10 MPH PACE: 25 MPH

PERCENT OVER PACE: 24.5 %

PERCENT IN PACE: 69.8 %

PERCENT UNDER PACE: 5.7 %

85th PERCENTILE SPEED: 36.5 MPH

MEDIAN SPEED: 30.1 MPH

15th PERCENTILE SPEED: 24.8 MPH

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

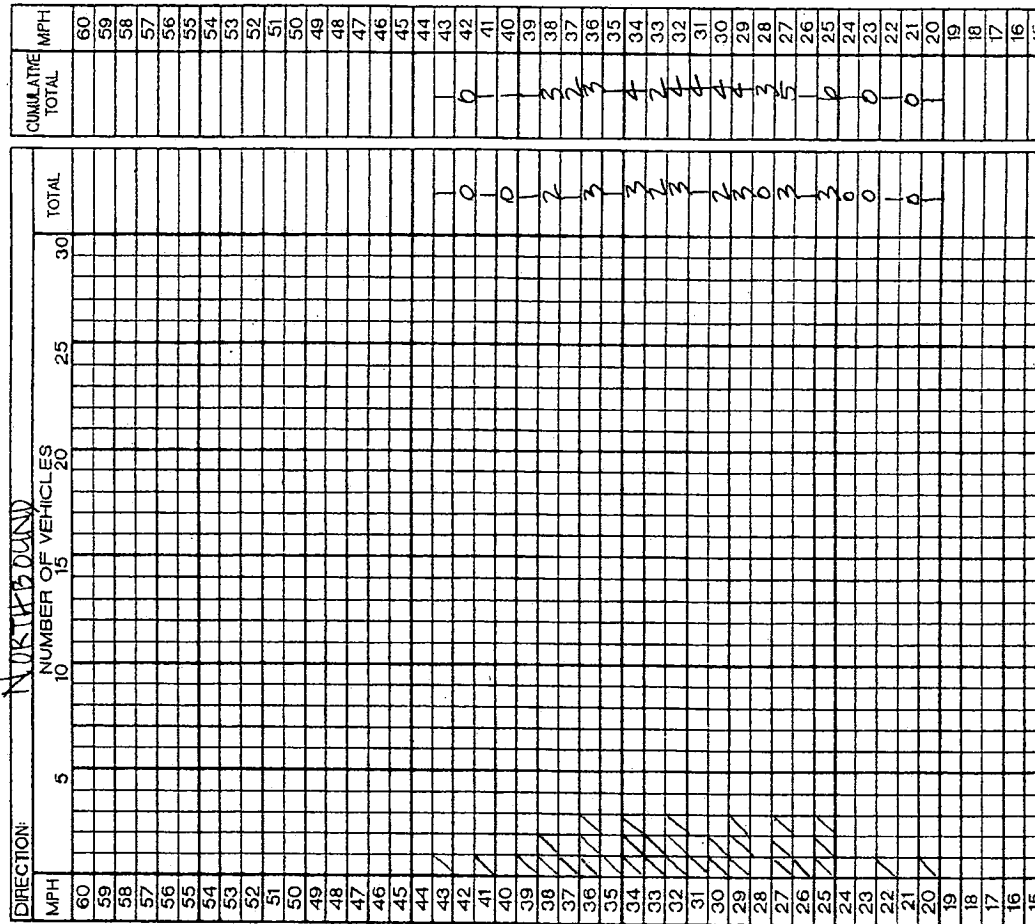
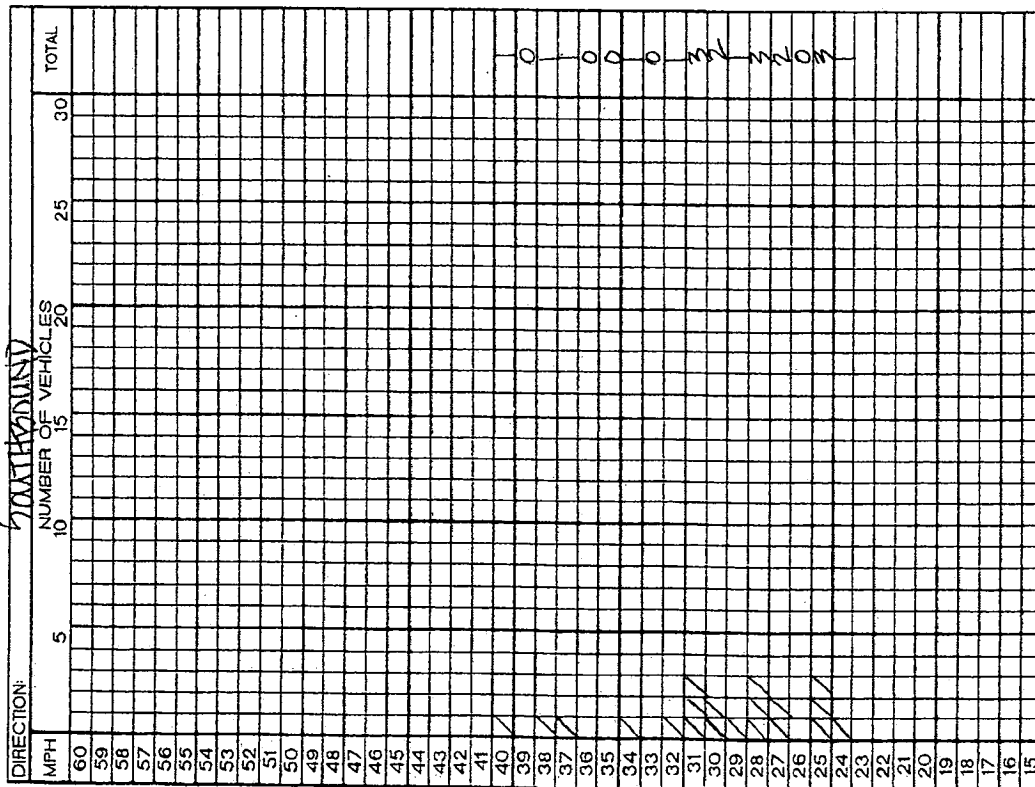
wood Spot Spd 2018-01

Radar Speed Survey Field Sheet

HARTOG AND CRABELL
County Survey Engineers
1017 East 10th Street, Suite 101
Tulsa, Oklahoma 74103

AGENCY: CITY OF LAWRENCE HILLS
STREET: BRIDLEWOOD
LOCATION: LAUREL CREST DR TO VISTA VIEJO

WEATHER: SUNNY DATE: 5-16-18
ROAD CONDITION: Dry START TIME: 9:00 AM
OBSERVER: CATHY BUENDIA END TIME: 10:00 AM VHB



CUMULATIVE TOTAL	MPH
	60
	59
	58
	57
	56
	55
	54
	53
	52
	51
	50
	49
	48
	47
	46
	45
	44
	43
	42
	41
	40
	39
	38
	37
	36
	35
	34
	33
	32
	31
	30
	29
	28
	27
	26
	25
	24
	23
	22
	21
	20
	19
	18
	17
	16
	15

RADAR SPEED DISTRIBUTION SHEET

 HCI

CITY OF LAGUNA HILLS

BRIDLEWOOD DRIVE

DATE: 5/16/2018

TIME: 10:00 AM - 11:00 AM

LAUREL CREST DR TO VISTA VIEJO

SURVEY BY:

C. BUENDIA

CHECKED BY:

JERRY STOCK

		CUMMULATIVE PERCENT					
SPEED		20	40	60	80	100	
60							x 100.0%
59							x 100.0%
58							x 100.0%
57							x 100.0%
56							x 100.0%
55							x 100.0%
54							x 100.0%
53							x 100.0%
52							x 100.0%
51							x 100.0%
50							x 98.4%
49							x 98.4%
48							x 98.4%
47							x 98.4%
46							x 98.4%
45							x 98.4%
44							x 98.4%
43							x 98.4%
42							x 98.4%
41							x 96.7%
40							x 95.1%
39							x 93.4%
38							x 91.8%
37							x 82.0%
36							x 78.7%
35							x 78.7%
34							x 75.4% }PACE
33							x 67.2% }PACE
32							x 63.9% }PACE
31							x 60.7% }PACE
30							x 57.4% }PACE
29							x 50.8% }PACE
28							x 45.9% }PACE ---MEAN
27							x 34.4% }PACE
26							x 18.0% }PACE
25							x 13.1% }PACE ---15PCT
24							x 8.2%
23							x 6.6%
22							x 4.9%
21							x 4.9%
20							x 3.3%
19							x 1.6%
18							x 0.0%
17							x 0.0%
16							x 0.0%
15							x 0.0%

UPPER LIMIT 10 MPH PACE:	34	MPH
LOWER LIMIT 10 MPH PACE:	25	MPH
PERCENT OVER PACE:	24.6	%
PERCENT IN PACE:	67.2	%
PERCENT UNDER PACE:	8.2	%

85th PERCENTILE SPEED:	37.3	MPH
MEDIAN SPEED:	28.8	MPH
15th PERCENTILE SPEED:	25.4	MPH

wood Spot Spd 2018-02

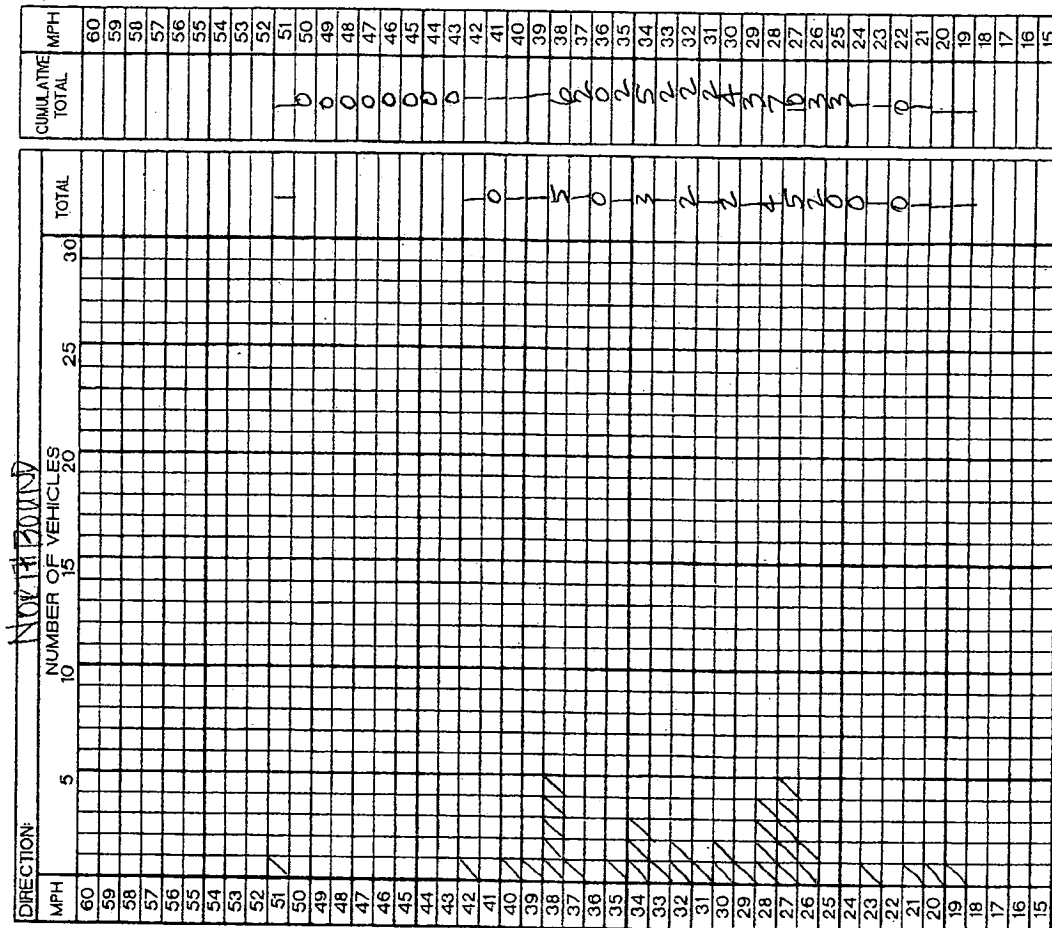
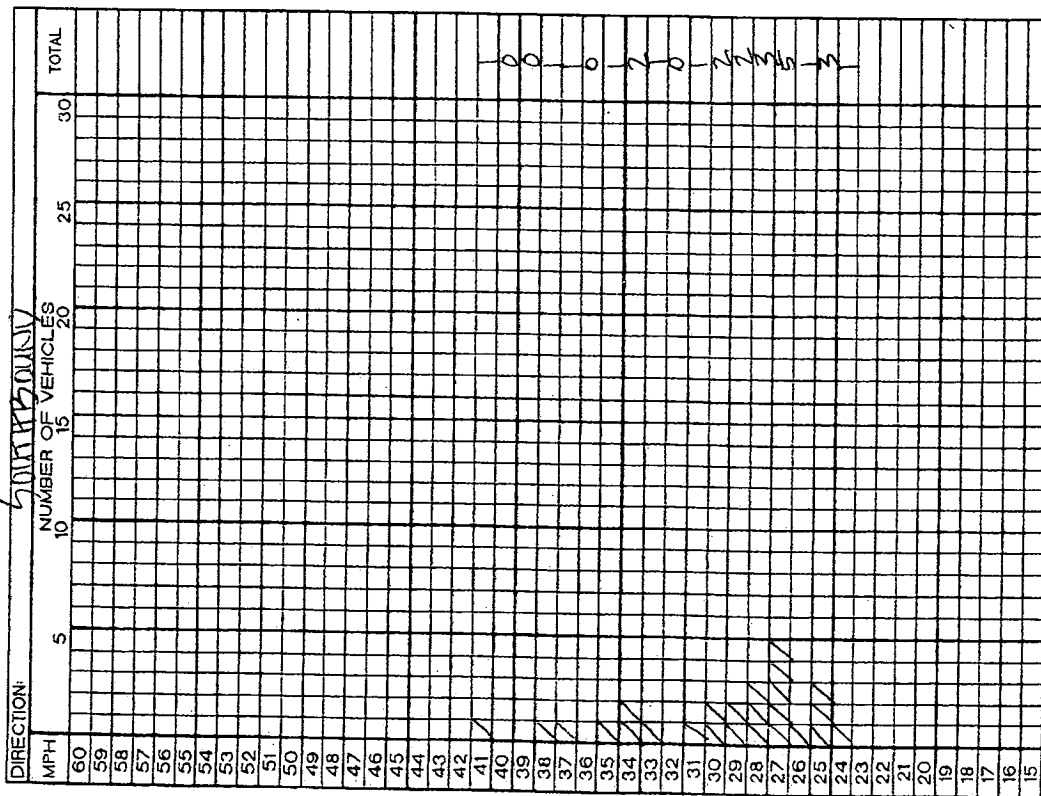
Radar Speed Survey Field Sheet

HARTZOG AND CRABILL

Consulting Traffic Engineers
10211 N. 10th Ave., Suite 100
Portland, OR 97228

AGENCY: CITY OF LAGUNA HILLS
STREET: BRIDLEWOOD
LOCATION: LAUREL CREST & TO VISTA VIEJO

WEATHER: SUNNY
ROAD CONDITION: DRY
OBSERVER: CATHY BUENDIA
DATE: 5-16-18
START TIME: 10:00 AM
END TIME: 11:00 AM



CUMULATIVE TOTAL	MPH
0	60
0	59
0	58
0	57
0	56
0	55
0	54
0	53
0	52
0	51
0	50
0	49
0	48
0	47
0	46
0	45
0	44
0	43
0	42
0	41
0	40
0	39
0	38
0	37
0	36
0	35
0	34
0	33
0	32
0	31
0	30
0	29
0	28
0	27
0	26
0	25
0	24
0	23
0	22
0	21
0	20
0	19
0	18
0	17
0	16
0	15

RADAR SPEED DISTRIBUTION SHEET

HCI

CITY OF LAGUNA HILLS

BRIDLEWOOD DRIVE

DATE: 5/16/2018

TIME: 9:00 AM - 11:00 AM

LAUREL CREST DR TO VISTA VIEJO

SURVEY BY:

C. BUENDIA

CHECKED BY:

JERRY STOCK

SPEED		CUMMULATIVE PERCENT					
		20	40	60	80	100	
60						x	100.0%
59						x	100.0%
58						x	100.0%
57						x	100.0%
56						x	100.0%
55						x	100.0%
54						x	100.0%
53						x	100.0%
52						x	100.0%
51						x	100.0%
50						x	99.1%
49						x	99.1%
48						x	99.1%
47						x	99.1%
46						x	99.1%
45						x	99.1%
44						x	99.1%
43						x	99.1%
42						x	98.2%
41						x	97.4%
40						x	95.6%
39						x	93.9%
38						x	92.1%
37					x		84.2%
36					x		80.7%
35					x		78.1%
34					x		75.4% }PACE
33					x		67.5% }PACE
32					x		64.0% }PACE
31				x			58.8% }PACE
30				x			53.5% }PACE
29				x			46.5% }PACE ---MEAN
28			x				40.4% }PACE
27			x				31.6% }PACE
26		x					18.4% }PACE
25		x					14.9% }PACE ---15PCT
24	x						7.0%
23	x						5.3%
22	x						4.4%
21	x						3.5%
20	x						2.6%
19	x						0.9%
18	x						0.0%
17	x						0.0%
16	x						0.0%
15	x						0.0%

UPPER LIMIT 10 MPH PACE:	34	MPH
LOWER LIMIT 10 MPH PACE:	25	MPH
PERCENT OVER PACE:	24.6	%
PERCENT IN PACE:	68.4	%
PERCENT UNDER PACE:	7.0	%

85th PERCENTILE SPEED:	37.1	MPH
MEDIAN SPEED:	29.5	MPH
15th PERCENTILE SPEED:	25.0	MPH

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

rod Spot Spd 2018-CUM

RADAR SPEED DISTRIBUTION SHEET

HCI**CITY OF LAGUNA HILLS****DEVONSHIRE ROAD****FALLING LEAF DR TO NOTTINGHAM CT**

DATE: 5/17/2018

SURVEY BY:

C. BUENDIA

TIME: 9:00 AM - 10:00 AM

CHECKED BY:

JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60					X	100.0%
59					X	100.0%
58					X	100.0%
57					X	100.0%
56					X	100.0%
55					X	100.0%
54					X	100.0%
53					X	100.0%
52					X	100.0%
51					X	100.0%
50					X	100.0%
49					X	100.0%
48					X	100.0%
47					X	100.0%
46					X	100.0%
45					X	100.0%
44					X	100.0%
43					X	100.0%
42					X	100.0%
41					X	100.0%
40					X	100.0%
39					X	100.0%
38					X	100.0%
37					X	100.0%
36					X	96.9%
35					X	96.9%
34					X	96.9%
33					X	93.8% } PACE
32					X	78.1% } PACE ---85PCT
31					X	78.1% } PACE
30					X	75.0% } PACE
29					X	71.9% } PACE
28					X	62.5% } PACE
27					X	50.0% } PACE ---MEAN
26					X	46.9% } PACE
25					X	28.1% } PACE
24					X	21.9% } PACE
23					X	9.4% ---15PCT
22					X	9.4%
21					X	3.1%
20					X	3.1%
19					X	0.0%
18					X	0.0%
17					X	0.0%
16					X	0.0%
15					X	0.0%

UPPER LIMIT 10 MPH PACE: 34 MPH

LOWER LIMIT 10 MPH PACE: 25 MPH

PERCENT OVER PACE: 6.3 %

PERCENT IN PACE: 84.4 %

PERCENT UNDER PACE: 9.4 %

85th PERCENTILE SPEED: 33.4 MPH

MEDIAN SPEED: 28.0 MPH

15th PERCENTILE SPEED: 24.5 MPH

Devonshire 2018-01

Radar Speed Survey Field Sheet

HARTOG AND CRIBELL II

 COLUMBIA STATE POLICE
 1034 New Hwy., Dept. 02, Dept. 03, Dept. 04
 City, State, Zip

 AGENCY: CITY OF LAGUNA HILLS
 STREET: DEVONSHIRE ROAD
 LOCATION: FALLING LEAF DR. TO NOTTINGHAM CT

 WEATHER: QUANT DATE: 05-17-18
 ROAD CONDITION: DRY START TIME: 9:00 AM
 OBSERVER: CATHY BUENDIA END TIME: 10:00 AM

DIRECTION	NUMBER OF VEHICLES				TOTAL
	5	10	15	20	
60					
59					
58					
57					
56					
55					
54					
53					
52					
51					
50					
49					
48					
47					
46					
45					
44					
43					
42					
41					
40					
39					
38					
37					
36					
35					
34					
33					
32					
31					
30					
29					
28					
27					
26					
25					
24					
23					
22					
21					
20					
19					
18					
17					
16					
15					

 AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____
 CUMULATIVE (BOTH DIRECTIONS) _____

DIRECTION	NUMBER OF VEHICLES				TOTAL
	5	10	15	20	
60					
59					
58					
57					
56					
55					
54					
53					
52					
51					
50					
49					
48					
47					
46					
45					
44					
43					
42					
41					
40					
39					
38					
37					
36					
35					
34					
33					
32					
31					
30					
29					
28					
27					
26					
25					
24					
23					
22					
21					
20					
19					
18					
17					
16					
15					

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____

CUMULATIVE TOTAL	MPH
	60
	59
	58
	57
	56
	55
	54
	53
	52
	51
	50
	49
	48
	47
	46
	45
	44
	43
	42
	41
	40
	39
	38
	37
	36
	35
	34
	33
	32
	31
	30
	29
	28
	27
	26
	25
	24
	23
	22
	21
	20
	19
	18
	17
	16
	15

RADAR SPEED DISTRIBUTION SHEET

HCI

CITY OF LAGUNA HILLS

DEVONSHIRE ROAD
FALLING LEAF DR TO NOTTINGHAM CT

DATE: 5/17/2018

SURVEY BY:

C. BUENDIA

TIME: 10:00 AM - 11:00 AM

CHECKED BY:

JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60					X	100.0%
59					X	100.0%
58					X	100.0%
57					X	100.0%
56					X	100.0%
55					X	100.0%
54					X	100.0%
53					X	100.0%
52					X	100.0%
51					X	100.0%
50					X	100.0%
49					X	100.0%
48					X	100.0%
47					X	100.0%
46					X	100.0%
45					X	100.0%
44					X	100.0%
43					X	100.0%
42					X	100.0%
41					X	100.0%
40					X	100.0%
39					X	100.0%
38					X	100.0%
37					X	100.0%
36					X	95.7%
35					X	95.7%
34					X	95.7%
33					X	95.7%
32					X	95.7%
31					X	95.7%
30					X	95.7%
29					X	95.7%
28					X	95.7%
27					X	95.7%
26					X	95.7%
25					X	95.7%
24					X	95.7%
23					X	95.7%
22					X	95.7%
21					X	95.7%
20					X	95.7%
19					X	95.7%
18					X	95.7%
17					X	95.7%
16					X	95.7%
15					X	95.7%

UPPER LIMIT 10 MPH PACE: 34 MPH
 LOWER LIMIT 10 MPH PACE: 25 MPH
 PERCENT OVER PACE: 4.3 %
 PERCENT IN PACE: 95.7 %
 PERCENT UNDER PACE: 0.0 %

85th PERCENTILE SPEED: 30.8 MPH
 MEDIAN SPEED: 27.8 MPH
 15th PERCENTILE SPEED: 25.6 MPH

Devonshire 2018-02

Radar Speed Survey Field Sheet

HARIZOG AND CRABILL
Consulting Traffic Engineers
11321 W. 12th, Suite 102, Boise, ID 83725
(208) 333-4300

AGENCY: CITY OF LAGUNA HILLS
STREET: DEVONSHIRE ROAD
LOCATION: FAWING LEAF DR TO NOTTINGHAM CT.

WEATHER: SUNNY DATE: 5-17-18
ROAD CONDITION: Dry START TIME: 10:00 AM
OBSERVER: CATHY BUENDIA END TIME: 11:00 AM VLM

DIRECTION: SOUTHBOUND

MPH	5	10	15	20	25	30	TOTAL
60							
59							
58							
57							
56							
55							
54							
53							
52							
51							
50							
49							
48							
47							
46							
45							
44							
43							
42							
41							
40							
39							
38							
37							
36							
35							
34							
33							
32							
31							
30							
29							
28							
27							
26							
25							
24							
23							
22							
21							
20							
19							
18							
17							
16							
15							

Handwritten data on grid (Southbound):
 60: 1
 59: 0
 58: 0
 57: 0
 56: 0
 55: 0
 54: 0
 53: 0
 52: 0
 51: 0
 50: 0
 49: 0
 48: 0
 47: 0
 46: 0
 45: 0
 44: 0
 43: 0
 42: 0
 41: 0
 40: 0
 39: 0
 38: 0
 37: 0
 36: 0
 35: 0
 34: 0
 33: 0
 32: 0
 31: 0
 30: 0
 29: 0
 28: 0
 27: 0
 26: 0
 25: 0
 24: 0
 23: 0
 22: 0
 21: 0
 20: 0
 19: 0
 18: 0
 17: 0
 16: 0
 15: 0

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____
 CUMULATIVE (BOTH DIRECTIONS) _____

DIRECTION: NORTHBOUND

MPH	5	10	15	20	25	30	TOTAL
60							
59							
58							
57							
56							
55							
54							
53							
52							
51							
50							
49							
48							
47							
46							
45							
44							
43							
42							
41							
40							
39							
38							
37							
36							
35							
34							
33							
32							
31							
30							
29							
28							
27							
26							
25							
24							
23							
22							
21							
20							
19							
18							
17							
16							
15							

Handwritten data on grid (Northbound):
 60: 1
 59: 0
 58: 0
 57: 0
 56: 0
 55: 0
 54: 0
 53: 0
 52: 0
 51: 0
 50: 0
 49: 0
 48: 0
 47: 0
 46: 0
 45: 0
 44: 0
 43: 0
 42: 0
 41: 0
 40: 0
 39: 0
 38: 0
 37: 0
 36: 0
 35: 0
 34: 0
 33: 0
 32: 0
 31: 0
 30: 0
 29: 0
 28: 0
 27: 0
 26: 0
 25: 0
 24: 0
 23: 0
 22: 0
 21: 0
 20: 0
 19: 0
 18: 0
 17: 0
 16: 0
 15: 0

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____

102045046425102

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire

RADAR SPEED DISTRIBUTION SHEET

HCI**CITY OF LAGUNA HILLS**DEVONSHIRE ROADFALLING LEAF DR TO NOTTINGHAM CT

DATE: 5/17/2018

SURVEY BY:

C. BUENDIA

TIME: 9:00 AM - 11:00 AM

CHECKED BY:

JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60						x 100.0%
59						x 100.0%
58						x 100.0%
57						x 100.0%
56						x 100.0%
55						x 100.0%
54						x 100.0%
53						x 100.0%
52						x 100.0%
51						x 100.0%
50						x 100.0%
49						x 100.0%
48						x 100.0%
47						x 100.0%
46						x 100.0%
45						x 100.0%
44						x 100.0%
43						x 100.0%
42						x 100.0%
41						x 100.0%
40						x 100.0%
39						x 100.0%
38						x 100.0%
37						x 96.4%
36						x 96.4%
35						x 96.4%
34						x 94.5% }PACE
33						x 85.5% }PACE
32						x 81.8% }PACE ---85PCT
31						x 80.0% }PACE
30						x 74.5% }PACE
29						x 61.8% }PACE
28						x 50.9% }PACE
27						x 43.6% }PACE ---MEAN
26						x 25.5% }PACE
25						x 14.5% }PACE ---15PCT
24	x					5.5%
23	x					5.5%
22	x					1.8%
21	x					1.8%
20	x					0.0%
19	x					0.0%
18	x					0.0%
17	x					0.0%
16	x					0.0%
15	x					0.0%

UPPER LIMIT 10 MPH PACE: 34 MPH

LOWER LIMIT 10 MPH PACE: 25 MPH

PERCENT OVER PACE: 5.5 %

PERCENT IN PACE: 89.1 %

PERCENT UNDER PACE: 5.5 %

85th PERCENTILE SPEED: 32.9 MPH

MEDIAN SPEED: 27.9 MPH

15th PERCENTILE SPEED: 25.0 MPH

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

Devonshire 2018 CUM

ADT Volume Data

Prepared by NDS/ATD

VOLUME

Bridlewood Dr Bet. Vista Viejo Rd & Laurel Crest Dr

Day: Wednesday
Date: 5/2/2018City: Laguna Hills
Project #: CA18_1093_001

DAILY TOTALS					NB	SB	EB		WB		Total
					454	268					0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	0	0			0	12:00	5	10			15
00:15	1	1			2	12:15	6	9			15
00:30	0	0			0	12:30	7	3			10
00:45	0	1	0	1	2	12:45	7	25	4	26	51
01:00	0	0			0	13:00	5	2			7
01:15	0	0			0	13:15	6	4			10
01:30	0	0			0	13:30	8	4			12
01:45	0	0			0	13:45	2	21	9	19	40
02:00	0	0			0	14:00	8	7			15
02:15	0	0			0	14:15	7	4			11
02:30	0	0			0	14:30	7	5			12
02:45	0	0			0	14:45	9	31	5	21	52
03:00	0	0			0	15:00	5	7			12
03:15	0	0			0	15:15	9	5			14
03:30	0	0			0	15:30	3	6			9
03:45	0	0			0	15:45	8	25	4	22	47
04:00	1	1			2	16:00	12	5			17
04:15	0	0			0	16:15	10	7			17
04:30	1	0			1	16:30	6	3			9
04:45	1	3	0	1	4	16:45	11	39	3	18	57
05:00	1	1			2	17:00	4	2			6
05:15	0	0			0	17:15	4	3			7
05:30	2	0			2	17:30	15	10			25
05:45	1	4	0	1	5	17:45	9	32	5	20	52
06:00	2	1			3	18:00	4	2			6
06:15	1	1			2	18:15	10	8			18
06:30	5	0			5	18:30	10	4			14
06:45	2	10	1	3	13	18:45	7	31	6	20	51
07:00	9	3			12	19:00	12	7			19
07:15	8	5			13	19:15	3	1			4
07:30	7	4			11	19:30	4	4			8
07:45	15	39	4	16	55	19:45	4	23	3	15	38
08:00	11	7			18	20:00	4	1			5
08:15	11	4			15	20:15	4	1			5
08:30	16	5			21	20:30	4	3			7
08:45	7	45	2	18	63	20:45	3	15	1	6	21
09:00	9	6			15	21:00	4	1			5
09:15	11	1			12	21:15	3	2			5
09:30	8	4			12	21:30	2	4			6
09:45	4	32	4	15	47	21:45	1	10	0	7	17
10:00	4	2			6	22:00	0	4			4
10:15	6	4			10	22:15	0	2			2
10:30	11	4			15	22:30	2	0			2
10:45	8	29	5	15	44	22:45	1	3	0	6	9
11:00	6	8			14	23:00	1	1			2
11:15	7	4			11	23:15	0	0			0
11:30	13	2			15	23:30	0	0			0
11:45	8	34	3	17	51	23:45	1	2	0	1	3
TOTALS	197	87			284	TOTALS	257	181			438
SPLIT %	69.4%	30.6%			39.3%	SPLIT %	58.7%	41.3%			60.7

DAILY TOTALS				NB	SB					EB	WB					Total
				454	268					0	0					722
AM Peak Hour	07:45	11:45				07:45	PM Peak Hour	16:00	12:00						18:1	
AM Pk Volume	53	25				73	PM Pk Volume	39	26						64	
Pk Hr Factor	0.828	0.625				0.869	Pk Hr Factor	0.813	0.650						0.84	
7 - 9 Volume	84	34	0	0	118	4 - 6 Volume	71	38	0	0					109	
7 - 9 Peak Hour	07:45	07:15				07:45	4 - 6 Peak Hour	16:00	17:00						16:0	
7 - 9 Pk Volume	53	20	0	0	73	4 - 6 Pk Volume	39	20	0	0					57	
Pk Hr Factor	0.828	0.714	0.000	0.000	0.869	Pk Hr Factor	0.813	0.500	0.000	0.000					0.83	

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

Prepared by NDS/ATD

VOLUME

Devonshire Rd Bet. Falling Leaf Dr & Nottingham Ct

Day: Wednesday
Date: 5/2/2018City: Laguna Hills
Project #: CA18_1093_002

DAILY TOTALS					NB	SB	EB				WB	Total
					174	416					0	0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00	0	0			0	12:00	2	9			11	
00:15	0	0			0	12:15	2	7			9	
00:30	0	0			0	12:30	3	6			9	
00:45	0	0			0	12:45	4	11	8	30	12	41
01:00	0	0			0	13:00	2	5			7	
01:15	0	0			0	13:15	5	7			12	
01:30	0	0			0	13:30	3	5			8	
01:45	0	0			0	13:45	5	15	3	20	8	35
02:00	0	0			0	14:00	6	7			13	
02:15	0	0			0	14:15	4	7			11	
02:30	0	0			0	14:30	5	5			10	
02:45	0	0			0	14:45	2	17	6	25	8	42
03:00	1	0			1	15:00	3	10			13	
03:15	0	0			0	15:15	6	9			15	
03:30	0	0			0	15:30	7	10			17	
03:45	0	1	0		0	15:45	1	17	7	36	8	53
04:00	0	0			0	16:00	0	6			6	
04:15	0	0			0	16:15	8	4			12	
04:30	0	0			0	16:30	4	9			13	
04:45	0	1	1		1	16:45	7	19	12	31	19	50
05:00	0	0			0	17:00	3	11			14	
05:15	1	1			2	17:15	6	14			20	
05:30	0	0			0	17:30	3	12			15	
05:45	0	1	1	2	1	17:45	2	14	14	51	16	65
06:00	1	1			2	18:00	2	14			16	
06:15	0	0			0	18:15	4	19			23	
06:30	0	5			5	18:30	2	7			9	
06:45	0	1	2	8	2	18:45	3	11	8	48	11	59
07:00	1	2			3	19:00	3	8			11	
07:15	0	3			3	19:15	2	4			6	
07:30	5	1			6	19:30	4	4			8	
07:45	2	8	5	11	7	19:45	1	10	3	19	4	29
08:00	2	6			8	20:00	1	6			7	
08:15	2	7			9	20:15	2	3			5	
08:30	6	4			10	20:30	1	1			2	
08:45	2	12	5	22	7	20:45	1	5	3	13	4	18
09:00	3	10			13	21:00	0	2			2	
09:15	0	7			7	21:15	3	5			8	
09:30	4	4			8	21:30	1	4			5	
09:45	3	10	6	27	9	21:45	1	5	1	12	2	17
10:00	1	9			10	22:00	0	6			6	
10:15	0	3			3	22:15	1	3			4	
10:30	2	5			7	22:30	0	0			0	
10:45	2	5	6	23	8	22:45	2	3	0	9	2	12
11:00	2	7			9	23:00	1	1			2	
11:15	1	5			6	23:15	0	3			3	
11:30	3	5			8	23:30	0	0			0	
11:45	2	8	5	22	7	23:45	0	1	2	6	2	7
TOTALS	46	116			162	TOTALS	128	300			428	
SPLIT %	28.4%	71.6%			27.5%	SPLIT %	29.9%	70.1%			72.5	

DAILY TOTALS					NB	SB	EB	WB	Total
					174	416	0	0	590
AM Peak Hour	08:15	09:00			08:15	PM Peak Hour	16:15	17:30	17:3
AM Pk Volume	13	27			39	PM Pk Volume	22	59	70
Pk Hr Factor	0.542	0.675			0.750	Pk Hr Factor	0.688	0.776	0.76
7 - 9 Volume	20	33	0	0	53	4 - 6 Volume	33	82	0
7 - 9 Peak Hour	07:45	07:45			07:45	4 - 6 Peak Hour	16:15	17:00	16:4
7 - 9 Pk Volume	12	22	0	0	34	4 - 6 Pk Volume	22	51	0
Pk Hr Factor	0.500	0.786	0.000	0.000	0.850	Pk Hr Factor	0.688	0.911	0.000

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

Collision History

CITY OF LAGUNA HILLS
SWITRS COLLISION DATABASE

DEVONSHIRE ROAD, FROM FALLING LEAF DRIVE TO NOTTINGHAM COURT

JAN. 1, 2013 - FEB. 28, 2018

CASE ID	8326285	COLL. DATE	20170220	COLL. TIME	2256	PRIMARY ROAD	DEVONSHIRE RD	SECONDARY ROAD	NORTH ELM BANK DR	DIST.	175	DIR.	N	INTERS.	A	WEATH.	1	SEVERITY	4	COLL. FACT.	A	PRIM. COLL. VIOL. CAT.	8	PCF VIOL. CAT.	22107	HIT AND RUN	N	HIT	C	TYPE OF COLL.	E	MOTOR VEHICLE INVOLVED WITH SURI	A
---------	---------	------------	----------	------------	------	--------------	---------------	----------------	-------------------	-------	-----	------	---	---------	---	--------	---	----------	---	-------------	---	------------------------	---	----------------	-------	-------------	---	-----	---	---------------	---	----------------------------------	---

NOTES:

Weather 1	Collision Severity	Primary Collision Factor	PCF Violation Category	Hit and Run	Type of Collision
A - Clear	1 - Fatal	A - (Vehicle) Code Violation	01 - Driving or Bicycling Under Influence	F - Felony	A - Head-On
B - Cloudy	2 - Injury (Severe)	B - Other Improper Driving	02 - Impeding Traffic	M - Misdemeanor	B - Sideswipe
C - Raining	3 - Injury (Other Visible)	C - Other Than Driver	03 - Unsafe Speed	N - Not Hit & Run	C - Rear-End
D - Snowing	4 - Injury (Complaint of Pain)	D - Unknown	04 - Following Too Closely		D - Broadside
E - Fog	0 - PDO (Property Damage Only)	E - Fell Asleep	05 - Wrong Side of Road		E - Hit Object
F - Other		-- Not Stated	06 - Improper Passing		F - Overturned
G - Wind			07 - Unsafe Lane Change		G - Vehicle/Pedestrian
-- Not Stated			08 - Improper Turning		H - Other
			09 - Automobile ROW		-- Not Stated

Motor Vehicle Involved With:

A - Non-Collision	
B - Pedestrian	
C - Other Motor Vehicle	
D - Motor Vehicle on Other Roadway	
E - Parked Motor Vehicle	
F - Train	
G - Bicycle	
H - Animal	
I - Fixed Object	
J - Other Object	
-- Not Stated	

10 - Pedestrian ROW	
11 - Pedestrian Violation	
12 - Traffic Signals and Signs	
13 - Hazardous Parking	
14 - Lights	
15 - Brakes	
16 - Other Equipment	
17 - Other Hazardous Violation	
18 - Other Than Driver (or Ped)	
19 -	
20 -	
21 - Unsafe Starting or Backing	
22 - Other Improper Driving	
23 - Pedestrian or "Other" Under the Influence	
24 - Fell Asleep	
00 - Unknown	
-- Not Stated	

Road Surface

A - Dry
B - Wet
C - Snowy or Icy
D - Slippery
-- Not Stated



City of Laguna Hills

Traffic Commission

Staff Report

DATE: January 16, 2019
TO: Traffic Commissioners
FROM: Amber Shah
Associate Engineer
ISSUE: Repeat Speed Survey on Bridlewood Drive

RECOMMENDATION: That the Traffic Commission Request Staff Implement Additional Pavement Legends and Markings on Southbound Bridlewood Drive Between Vista Viejo Road and Laurel Crest Drive and Repeat the Speed Survey of Bridlewood Drive in Six Months' Time.

SUMMARY:

Staff was contacted by a resident of Moulton Ranch in April 2018 regarding concerns of vehicular speeding and traffic collisions on Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive, and on Devonshire Road, between Falling Leaf Drive and Nottingham Court. Please see the attached Vicinity Map. Based upon the resident's concern and in accordance with the Residential Streets Management Policy, staff subsequently initiated a review of the vehicular speeds, traffic volume and traffic collision history on Bridlewood Drive and on Devonshire Road. The report presented at the July 18, 2018 meeting of the Traffic Commission concluded the 85th percentile speed measurement of Bridlewood Drive was higher than expected and considered to be unacceptable for a residential character street. Additional traffic speed enforcement and use of the radar trailer were utilized to address this issue. The Traffic Commission requested staff repeat the speed survey of Bridlewood Drive in six months' time.

In accordance with the Traffic Commission's request, the Traffic Engineers of Hartzog & Crabill, Inc., (HCI) completed the attached January 9, 2019, speed survey of Bridlewood Drive from Vista Viejo Road to Laurel Crest Drive. This speed survey determined the 85th percentile speed on Bridlewood Drive reduced from 37.1 mph, as recorded in the first

speed survey in May 2018, to 36.1 mph in December 2018. The 85th percentile speed measurement of Bridlewood Drive is still higher than expected and considered to be unacceptable for a residential character street. The study also determined the percent of vehicles on Nellie Gail Road exceeding 34 mph has only slightly declined from 24.6% to 24.2% which is also a higher percentage than the expected percentage, typically at approximately 15%.

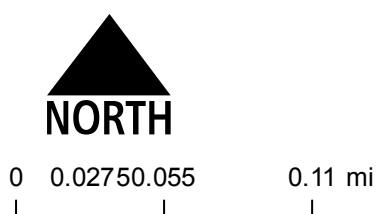
Based upon the results of this speed survey indicating vehicular speed remains an issue on Bridlewood Drive, staff field reviewed the existing number and locations of speed limit signage and pavement markings. Currently, there are 25 mph pavement legends and 25 mph signs posted at multiple locations along northbound Bridlewood Drive between Vista Viejo Road and Laurel Crest Drive and 25 mph signage but no pavement legends along southbound Bridlewood Drive. Staff recommends painting two “25” mph pavement legends adjacent to the posted speed limits signs along southbound Bridlewood Drive and “Stop Ahead” pavement markings in advance of the stop sign at Vista Viejo Road. Continued concentrated police enforcement of driver behavior is the best and appropriate remedy for residential streets vehicular speeding and is recommended for Bridlewood Drive. Staff will continue to work with the Sheriff’s Department on enforcement activity in this area and will also post the radar trailer in this area to increase driver education as to the appropriate speed on Bridlewood Drive. In addition, a follow-up speed survey is recommended to be performed in six months’ time. Should the speeding issue remain, the next incremental action will be evaluated.

ATTACHMENTS:

- Vicinity Map - Bridlewood Drive
- Traffic Study
- Bridlewood Dr Traffic Commission Agenda Item 4.2 7-18-18



VICINITY MAP - BRIDLEWOOD DRIVE





Trammell Hartzog, President
Gerald J. Stock, PE, TE,
Executive Vice President

17852 E. 17th Street
Suite 101
Tustin, CA 92780

Phone: (714) 731-9455
FAX: (714) 731-9498

www.hartzog-crabill.com

January 9, 2019

Mr. Kenneth H. Rosenfield, PE
Assistant City Manager/Public Services Director
City of Laguna Hills
24035 El Toro Road
Laguna Hills, CA 92653

Subject: Letter of Opinion – Speeding, Cut-through Traffic, and Collision Concerns along Wilkes Place and Grissom Road, and Speeding Along Bridlewood Drive and Nellie Gail Road

Dear Mr. Rosenfield,

Pursuant to your request, Hartzog & Crabill, Inc. (HCI) has prepared this traffic engineering evaluation regarding resident concerns of speeding and cut-through traffic, along with review of collisions, on the following two street segments:

- Wilkes Place, south of Alicia Parkway, and
- Grissom Road, east of Wilkes Place.

This evaluation also includes follow-up spot speed radar surveys along the two following two segments:

- Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive,
- Nellie Gail Road, between Oso Parkway and Hidden Trail Road.

BACKGROUND

Wilkes Place

Wilkes Place, between Alicia Parkway and Grissom Road, is a 36-foot to 40-foot wide, 2-lane, diagonal north-south residential collector roadway. At the project limits, there is a traffic signal at Alicia Parkway and a 90 degree bend at Grissom Road. There is double-yellow and single-yellow skip centerline striping along the entire segment. There is also an uncontrolled, marked yellow crosswalk across Wilkes Place at Barents Street, along with SCHOOL XING warning signs and advance SLOW SCHOOL XING pavement markings. There is a posted 25 MPH speed limit sign just south of Alicia Parkway. On-street parking is allowed along both sides of Wilkes Place.

BACKGROUND (continued)

Grissom Road

Grissom Road, between Wilkes Place and Las Bolsas Street, is a 36-foot wide, 2-lane, east-west residential collector roadway. At the project limits, there are 90-degree bends with double-yellow centerlines delineating the curves only. There is no centerline striping along the entire segment, and no posted speed limit signs. On-street parking is allowed along both sides of Grissom Road. An intersecting T-intersection with Velasquez Road connects to Paseo de Valencia.

Bridlewood Drive

Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive, is a 40-foot wide, 2-lane, north-south residential collector roadway. At the project limits, there is a 1-way stop at Vista Viejo Road and a 3-way stop at Laurel Crest Drive. There is no centerline striping along the entire segment, with exception of a short length of double-yellow centerline at the project limits. There are posted 25 MPH speed limit signs along Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive. There are also '25' pavement markings adjacent to the sign postings. On-street parking is allowed along both sides of Bridlewood Drive.

Nellie Gail Road

Nellie Gail Road, between Oso Parkway and Hidden Trail Road, is a 40-foot wide, curvy 2-lane, residential collector roadway. There is a traffic signal control at Oso Parkway and a one-way Stop control at Hidden Trail Road. There is a double-yellow centerline stripe along the entire segment, and a raised landscaped center median at Oso Parkway. There are Equestrian Xings with posted warning signs within this segment, along with other advance Side Street warning signs. There are posted 25 MPH speed limit signs along Nellie Gail Road between Oso Parkway and Hidden Trail Road. There is also a '25' pavement marking adjacent to the sign posting just south of Oso Parkway. On-street parking is allowed along both sides of Nellie Gail Road.

TRAVEL SPEED DATA

To determine travel speeds on the four (4) segments of:

- 1) Wilkes Place, between Alicia Parkway and Grissom Road;
- 2) Grissom Road, between Wilkes Place and Las Bolsas Street;
- 3) Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive;
- 4) Nellie Gail Road, between Oso Parkway and Hidden Trail Road;

a spot speed radar survey was conducted on each of the locations on Tuesday, December 11, and on Wednesday, December 12, 2018. Tables 1 and 2 (next page) summarize the spot speed radar survey data.

TRAVEL SPEED DATA (continued)

TABLE 1
SPEED SURVEY SUMMARY
WILKES PLACE, FROM ALICIA PARKWAY TO GRISSOM ROAD
GRISSOM ROAD, FROM WILKES PLACE TO LAS BOLSAS STREET

Speed Summary	Along Wilkes Place Segment	Along Grissom Road Segment
Posted Speed Limit	25 MPH	25 MPH
85 th Percentile Speed	30 MPH	28.4 MPH
Average Speed	25 MPH	25.2 MPH
10 MPH Pace Range	21 - 30 MPH	20 - 29 MPH
Percent of Vehicles in Pace	74.1%	87.3%

Source: Hartzog & Crabill, Inc., 2018.

TABLE 2
SPEED SURVEY SUMMARY
BRIDLEWOOD DRIVE, FROM VISTA VIEJO ROAD TO LAUREL CREST DRIVE
NELLIE GAIL ROAD, FROM OSO PARKWAY TO HIDDEN TRAIL ROAD

Speed Summary	Along Bridlewood Drive Segment	Along Nellie Gail Road Segment
Posted Speed Limit	25 MPH	25 MPH
85 th Percentile Speed	36.1 MPH	34.8 MPH
Average Speed	29.3 MPH	30.9 MPH
10 MPH Pace Range	25 - 34 MPH	26 - 35 MPH
Percent of Vehicles in Pace	70.7%	77.0%

Source: Hartzog & Crabill, Inc., 2018.

As shown above, the 85th percentile speeds on Wilkes Place and Grissom Road were recorded at 30 MPH and 28.4 MPH, respectively. This data shows that typical travel speeds are occurring for a posted 25 MPH speed limit street. The 85th percentile speeds on Bridlewood Drive and Nellie Gail Road were recorded at 36.1 MPH and 34.8 MPH, respectively. This data shows that higher travel speeds are occurring along Bridlewood Drive. It is noted, back in March 2018, the 85th percentile speed on Bridlewood Drive was recorded at 37.1 MPH. In May 2018, the 85th percentile speed on Nellie Gail Road was recorded at 39 MPH, which has reduced to a typical speed for this type of roadway.

The overall speed radar survey data is attached to this letter.

TRAVEL SPEED DATA (continued)

In an effort to lower overall speeds on Bridlewood Drive, the City may want to consider taking an incremental approach that may include the following:

- increased law enforcement
- frequent deployment of portable radar speed-feedback trailers
- neighborhood watch committee meeting to help make all residents aware of speeding

TRAFFIC VOLUME DATA

Average Daily Traffic (ADT) counts were collected for the two (2) segments of Wilkes Place and Grissom Road on Wednesday, December 12, 2018. The ADT, or 24-hour two-way traffic volume, along these segments resulted in 838 and 494 vehicles, respectively.

A two-lane collector street generally has a Level-of-Service (LOS) 'D' capacity of 11,300 vehicles per day. Consequently, the current traffic volumes are well under the roadway capacity, and there are no other recommendations regarding traffic volume data to provide at this time.

The ADT count data collected as part of this evaluation is attached to this letter.

COLLISION DATA

HCI obtained collision data for the past six (6) years, between January 1, 2013 – November 30, 2018, from the Statewide Integrated Traffic Records System website (*i-SWITRS*) database to determine the number of collisions occurring on the two (2) segments of Wilkes Place and Grissom Road.

Tables 3 and 4 (next page) presents the summary collision data.

COLLISION DATA (continued)

TABLE 3
TRAFFIC COLLISION DATA SUMMARY
WILKES PLACE, FROM ALICIA PARKWAY TO GRISSOM ROAD

YEAR	NUMBER OF COLLISIONS	FATAL	INJURY	PROPERTY DAMAGE ONLY
2013	0	0	0	0
2014	0	0	0	0
2015	0	0	0	0
2016	3	0	3	0
2017	0	0	0	0
2018 *	0	0	0	0

* Available SWITRS data up to November 2018 at the time of report preparation.

As shown above, there have been a total of three (3) collisions reported within the last six (6) years on Wilkes Place. It is noted, all three collisions occurred at the intersection of Wilkes Place and Alicia Parkway. There were no collisions determined as ‘speed-related’.

TABLE 4
TRAFFIC COLLISION DATA SUMMARY
GRISSOM ROAD, FROM WILKES PLACE TO LAS BOLSAS STREET

YEAR	NUMBER OF COLLISIONS	FATAL	INJURY	PROPERTY DAMAGE ONLY
2013	0	0	0	0
2014	0	0	0	0
2015	0	0	0	0
2016	0	0	0	0
2017	0	0	0	0
2018 *	1	0	0	1

* Available SWITRS data up November 2018 at the time of report preparation.

As shown above, there has been a total of one (1) collision reported within the last six (6) years on Grissom Road. This collision occurred at the intersection of Grissom Road and Las Bolsas Street, and was not determined as ‘speed-related’.

Consequently, there are no other recommendations regarding collision data on these two segments at this time.

The comprehensive 6-year segment collision history reports are attached to this letter.

CUT-THROUGH TRAFFIC

An Origin and Destination (O&D) study (i.e., license plate survey) was conducted on Wednesday, December 12, 2018 during the AM peak period (7 - 9am) to quantify the amount of traffic that are likely using Wilkes Place and Grissom Road as a short-cut.

The study collected license plate numbers in a 5-minute interval basis for all vehicles entering and exiting Wilkes Place at the project limit of Alicia Parkway, and also entering and exiting Velasquez Road at Paseo de Valencia (via Grissom Road).

Table 5 below shows a summary of the license plate matches recorded per each hour.

TABLE 5
ORIGIN-DESTINATION LICENSE PLATE MATCHES
USING WILKES PLACE AND GRISSOM ROAD

Path	7:00:00 AM	7:05:00 AM	7:45:00 AM	7:50:00 AM	8:05:00 AM	8:10:00 AM	8:15:00 AM	8:50:00 AM	8:55:00 AM	Total
2 to 1	1	1	1		3		1			7
1 to 2				2	1	2	1	1	1	8
Grand Total	1	1	1	2	4	2	2	1	1	15

The numbers (1 to 2 & 2 to 1) in Table 5 above refer to vehicles entering from and exiting to as follows:

Location 1 - Wilkes Place, just south of Alicia Parkway.

Location 2 - Velasquez Road, just north of Paseo de Valencia (short leg leading to Grissom Road).

The overall Origin-Destination Study spreadsheet is attached to this letter.

Per the ADT count data collected, the hourly traffic volumes for these same peak hours are compared as follows:

<u>Hour</u>	<u>ADT Traffic Volume</u>	<u>Cut-Thru</u>	<u>Cut-Thru/Volume</u>
7-8 AM	48	5	10%
8-9 AM	170	10	6%

As shown above, the actual hourly percentages are very low for what may be considered 'cut-through' traffic. Consequently, there are no recommendations regarding 'cut-through' traffic at this time.

SUMMARY

Wilkes Place and Grissom Road

In summary, the traffic data on Wilkes Place and Grissom Road resulted in the following:

- ✓ typical travel speeds are occurring for these 25 MPH speed limit streets;
- ✓ traffic volumes are well-below the traffic carrying capacity of the two roadways;
- ✓ there is no traffic collision history related to traffic speeds along these segments; and,
- ✓ 'cut-through' traffic is determined as very low.

Bridlewood Drive and Nellie Gail Road

In summary, the recent speed data on Bridlewood Drive and Nellie Gail Road resulted in the following:

- ✓ higher than typical travel speeds are occurring along Bridlewood Drive.
- ✓ the Nellie Gail Road speed results are typical and do not result in recommended actions.

RECOMMENDATIONS

Wilkes Place and Grissom Road

In review of the existing School Xing signage on Wilkes Place, it is recommended to update the signage to the newer standard signs with fluorescent yellow-green background.

Bridlewood Drive

In order to address the higher travel speeds along Bridlewood Drive, it is recommended that an incremental approach continue to be followed, which includes:

- increased law enforcement.
- frequent deployment of portable radar speed-feedback trailers.
- neighborhood watch committee meeting to help make all residents aware of speeding.

Mr. Kenneth H. Rosenfield, PE

January 9, 2019

Page 8 of 8

It has been our pleasure to prepare this letter of opinion regarding speeds, traffic volumes, collisions, and cut-through traffic on these project segments. If you have any questions or need additional information, please feel free to call us anytime at (714) 731-9455.

Sincerely,

HARTZOG & CRABILL, INC.



Gerald J. Stock, PE, TE
Executive Vice President

Attachments: Spot Speed Radar Data
 ADT Traffic Volume Data
 Collision History Data
 Origin-Destination Study

Spot Speed Radar Data

SUMMARY OF SPOT SPEED SURVEYS DECEMBER 2018

STREET LOCATION	EXISTING SPEED LIMIT	RECOMMENDED SPEED LIMIT	85 TH PERCENTILE SPEED	AVERAGE SPEED	10 MPH PACE RANGE	PERCENT OF VEHICLES IN PACE	DAY / DATE / TIME
<u>BRIDLEWOOD DRIVE</u>							
LAUREL CREST TO VISTA VIEJO	25	-	36.1	29.3	25-34	70.7	WED / 12-12-18 / MID-DAY (12:15 - 2:00)
<u>GRISSOM ROAD</u>							
WILKES PL TO LAS BOLSAS ST	25	-	28.4	25.2	20-29	87.3	TUES / 12-11-18 / MID-DAY (12:15 – 2:00)
<u>NELLIE GAIL ROAD</u>							
OSO PKWY TO HIDDEN TRAIL RD	25	-	34.8	30.9	26-35	77.0	WED / 12-12-18 / MID-DAY (11:00 – 12:00)
<u>WILKES PLACE</u>							
ALICIA PKWY TO GRISSOM RD	25	-	30.0	25.0	21-30	74.1	TUES / 12-11-18 / MID-DAY (10:45 – 12:15)

HARTZOG AND CRABILL INC.
 Consulting Traffic Engineers
 17592 Irvine Blvd., Suite 122 Tustin CA 92680
 (714) 731-9455

Radar Speed Survey Field Sheet

AGENCY: CITY OF LAGUNA HILLS
 STREET: BRIDLEWOOD
 LOCATION: VISTA VIEJO RD TO LAUREL CREST DR

WEATHER: SUNNY DATE: 12-12-18
 ROAD CONDITION: DRY START TIME: 12:15 PM
 OBSERVER: CATHY BUENDIA END TIME: 2:00 PM VUB

DIRECTION: <u>SOUTHBOUND</u>						
MPH	5	NUMBER OF VEHICLES				TOTAL
		10	15	20	25	30
60						
59						
58						
57						
56						
55						
54						
53						
52						
51						
50						
49						
48						
47	/					
46						0
45						0
44	/					1
43	/					1
42						0
41						0
40	/					1
39	//					2
38						0
37						0
36						0
35	/					1
34	//					2
33	//					2
32	//					2
31	//					2
30	//					2
29	//					2
28	//					2
27	//					2
26	//					2
25	//					2
24	//					2
23	//					2
22						0
21						0
20	/					1
19						
18						
17						
16						
15						

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____
 CUMULATIVE (BOTH DIRECTIONS) _____

DIRECTION: <u>NORTHBOUND</u>						
MPH	5	NUMBER OF VEHICLES				TOTAL
		10	15	20	25	30
60						
59						
58						
57						
56						
55						
54						
53						
52						
51						
50						
49						
48						
47	/					
46						0
45	/					1
44						0
43						0
42						0
41	//					2
40						0
39	//					2
38						0
37	//					3
36						0
35	//					4
34	//					4
33	//					4
32	//					6
31	//					4
30	//					3
29	//					2
28	//					6
27	//					0
26	//					2
25	//					5
24	//					1
23	//					2
22	/					1
21						
20	/					1
19						
18						
17						
16						
15						

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____

RADAR SPEED DISTRIBUTION SHEET

HCI

CITY OF LAGUNA HILLS

BRIDLEWOOD DRIVE

DATE: 12/12/2018

TIME: 12:15 PM - 2:00 PM

LAUREL CREST DR TO VISTA VIEJO

SURVEY BY: C. BUENDIA

CHECKED BY: JERRY STOCK

SPEED	NUMBER OF VEHICLES																				VEH.	PCT.	CUM. PCT.
				5				10					15					20			25		
60																							100.0%
																							100.0%
																							100.0%
																							100.0%
																							100.0%
55																							100.0%
																							100.0%
																							100.0%
																							100.0%
50																							100.0%
																							100.0%
																							100.0%
																							100.0%
	X	X																			2	2.0%	100.0%
45																					0	0.0%	98.0%
	X																				1	1.0%	98.0%
	X																				1	1.0%	97.0%
	X																				1	1.0%	96.0%
																					0	0.0%	94.9%
40	X	X																			2	2.0%	94.9%
	X																				1	1.0%	92.9%
	X	X	X	X																	4	4.0%	91.9%
																					0	0.0%	87.9%
	X	X	X																		3	3.0%	87.9%
35																					0	0.0%	84.8%
	X	X	X	X	X																5	5.1%	84.8%
	X	X	X	X																	4	4.0%	79.8%
	X	X	X	X	X																5	5.1%	75.8%
	X	X	X	X	X	X	X														7	7.1%	70.7%
30	X	X	X	X	X	X	X	X	X												9	9.1%	63.6%
	X	X	X	X	X																6	6.1%	54.5%
	X	X	X	X																	4	4.0%	48.5%
	X	X	X	X	X	X	X	X	X	X	X										11	11.1%	44.4%
	X	X	X	X	X	X	X	X													8	8.1%	33.3%
	X	X	X	X	X																5	5.1%	25.3%
25	X	X	X	X	X	X	X	X	X	X	X										11	11.1%	20.2%
	X	X	X	X																	4	4.0%	9.1%
	X	X	X																		3	3.0%	5.1%
	X																				1	1.0%	2.0%
20																					0	0.0%	1.0%
	X																				1	1.0%	1.0%
																							0.0%
																							0.0%
																							0.0%
																							0.0%
15																							0.0%
																							0.0%
TOTAL VEHICLES																					99		

UPPER LIMIT 10 MPH PACE: 34 MPH

LOWER LIMIT 10 MPH PACE: 25 MPH

PERCENT OVER PACE: 24.2 %

PERCENT IN PACE: 70.7 %

PERCENT UNDER PACE: 9.1 %

85th PERCENTILE SPEED: 36.1 MPH

MEDIAN SPEED: 29.3 MPH

15th PERCENTILE SPEED: 24.5 MPH

Radar Speed Survey Field Sheet

HARTZOG AND CRABILL INC.
Consulting Traffic Engineers
11592 Irvine Blvd., Suite 122 Irvine CA 92618
(714) 731-9455

AGENCY: CITY OF LAJUNA HILLS
STREET: GRISSOM ROAD
LOCATION: WILKES PL TO LAS BOISAS ST.

WEATHER: SUNNY DATE: 12-11-18
ROAD CONDITION: DRY START TIME: 12:15 PM
OBSERVER: CATHY BUENDIA END TIME: 2:00 PM

DIRECTION: <u>WESTBOUND</u>										
MPH	NUMBER OF VEHICLES									
	5	10	15	20	25	30	TOTAL			
60										
59										
58										
57										
56										
55										
54										
53										
52										
51										
50										
49										
48										
47										
46										
45										
44										
43										
42										
41										
40										
39										
38										
37										
36										
35										
34										
33										
32										
31										
30										
29										
28										
27										
26										
25										
24										
23										
22										
21										
20										
19										
18										
17										
16										
15										

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____
CUMULATIVE (BOTH DIRECTIONS) _____

DIRECTION: <u>EASTBOUND</u>										
MPH	NUMBER OF VEHICLES									
	5	10	15	20	25	30	TOTAL			
60										
59										
58										
57										
56										
55										
54										
53										
52										
51										
50										
49										
48										
47										
46										
45										
44										
43										
42										
41										
40										
39										
38										
37										
36										
35										
34										
33										
32										
31										
30										
29										
28										
27										
26										
25										
24										
23										
22										
21										
20										
19										
18										
17										
16										
15										

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____

HCI

CHECKED BY: JERRY STOCK

UPPER LIMIT 10 MPH PACE:	29	MPH
LOWER LIMIT 10 MPH PACE:	20	MPH
PERCENT OVER PACE:	12.7	%
PERCENT IN PACE:	87.3	%
PERCENT UNDER PACE:	0.0	%

85th PERCENTILE SPEED:	28.4	MPH
MEDIAN SPEED:	25.2	MPH
15th PERCENTILE SPEED:	22.6	MPH

Radar Speed Survey Field Sheet

HARTZOG AND CRABILL INC.
Consulting Traffic Engineers
17592 Irvine Blvd., Suite 122, Tustin, CA 92680
(714) 731-9455

AGENCY: CITY OF LAGUNA HILLS
STREET: NEVUE GAIL ROAD
LOCATION: 050 PKWY TO HIDDEN TRAIL RD

WEATHER: SUNNY DATE: 12-12-18
ROAD CONDITION: DRY START TIME: 11:00 AM
OBSERVER: CATHY BUENDIA END TIME: 12:00 PM ✓

DIRECTION: <u>SOUTHBOUND</u>										
MPH	NUMBER OF VEHICLES									
	5	10	15	20	25	30	TOTAL			
60										
59										
58										
57										
56										
55										
54										
53										
52										
51										
50										
49										
48										
47										
46										
45										
44										
43	/						2			
42	/						0			
41	/						1			
40							0			
39							0			
38	/						1			
37	/	/					4			
36	/	/					0			
35	/	/	/				7			
34	/	/	/	/			4			
33	/	/	/	/			4			
32	/	/	/	/			6			
31	/	/	/	/			2			
30	/	/	/	/			3			
29	/	/	/	/	/		9			
28	/	/	/	/	/		4			
27	/	/	/	/	/		4			
26	/	/	/	/	/		5			
25	/	/	/	/	/		4			
24	/	/	/	/	/		2			
23	/	/	/	/	/		1			
22	/	/	/	/	/		0			
21	/	/	/	/	/		0			
20	/	/	/	/	/		1			
19										
18										
17										
16										
15										

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____
CUMULATIVE (BOTH DIRECTIONS) _____

DIRECTION: <u>NORTHBOUND</u>										
MPH	NUMBER OF VEHICLES									
	5	10	15	20	25	30	TOTAL			
60										
59										
58										
57										
56										
55										
54										
53										
52										
51										
50										
49										
48										
47										
46										
45										
44										
43										
42										
41										
40	/						1			
39	/						2			
38	/						0			
37	/	/					4			
36	/	/					2			
35	/	/	/				10			
34	/	/	/	/			7			
33	/	/	/	/			5			
32	/	/	/	/			8			
31	/	/	/	/			9			
30	/	/	/	/			4			
29	/	/	/	/			4			
28	/	/	/	/			7			
27	/	/	/	/			0			
26	/	/	/	/			5			
25	/	/	/	/			1			
24	/	/	/	/			3			
23	/	/	/	/			0			
22	/	/	/	/			1			
21	/	/	/	/			1			
20	/	/	/	/						
19										
18										
17										
16										
15										

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____



RADAR SPEED DISTRIBUTION SHEET

CITY OF LAGUNA HILLS

NELLIE GAIL ROAD

DATE: 12/12/2018

TIME: 11:00 AM - 12:00 PM

OSO PKWY TO HIDDEN TRAIL RD

SURVEY BY: C. BUENDIA

CHECKED BY: JERRY STOCK

SPEED	NUMBER OF VEHICLES																				VEH.	PCT.	CUM. PCT.	
	5	10	15	20	25																			
60																								100.0%
																								100.0%
																								100.0%
																								100.0%
																								100.0%
55																								100.0%
																								100.0%
																								100.0%
																								100.0%
																								100.0%
50																								100.0%
																								100.0%
																								100.0%
																								100.0%
																								100.0%
45																								100.0%
																								100.0%
																								100.0%
	X	X																			2	1.4%	100.0%	
																					0	0.0%	98.6%	
	X																				1	0.7%	98.6%	
40	X																				1	0.7%	97.8%	
	X	X																			2	1.4%	97.1%	
	X																				1	0.7%	95.7%	
	X	X	X	X	X	X	X	X													8	5.8%	95.0%	
	X	X																			2	1.4%	89.2%	
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						17	12.2%	87.8%	
	X	X	X	X	X	X	X	X	X	X	X										11	7.9%	75.5%	
	X	X	X	X	X	X	X	X	X												9	6.5%	67.6%	
	X	X	X	X	X	X	X	X	X	X	X	X	X								14	10.1%	61.2%	
	X	X	X	X	X	X	X	X	X	X											11	7.9%	51.1%	
30	X	X	X	X	X	X	X														7	5.0%	43.2%	
	X	X	X	X	X	X	X	X	X	X	X	X									13	9.4%	38.1%	
	X	X	X	X	X	X	X	X	X	X											11	7.9%	28.8%	
	X	X	X	X																	4	2.9%	20.9%	
	X	X	X	X	X	X	X	X	X												10	7.2%	18.0%	
25	X	X	X	X	X																5	3.6%	10.8%	
	X	X	X	X	X																5	3.6%	7.2%	
	X																				1	0.7%	3.6%	
	X	X																			2	1.4%	2.9%	
	X																				1	0.7%	1.4%	
20	X																				1	0.7%	0.7%	
																								0.0%
																								0.0%
																								0.0%
																								0.0%
15																								0.0%
	TOTAL VEHICLES																				139			

UPPER LIMIT 10 MPH PACE: 35 MPH

LOWER LIMIT 10 MPH PACE: 26 MPH

PERCENT OVER PACE: 12.2 %

PERCENT IN PACE: 77.0 %

PERCENT UNDER PACE: 10.8 %

85th PERCENTILE SPEED: 34.8 MPH

MEDIAN SPEED: 30.9 MPH

15th PERCENTILE SPEED: 25.6 MPH

Radar Speed Survey Field Sheet

HARTZOG AND CRABILL INC.
 Consulting Traffic Engineers
 17592 Irvine Blvd., Suite 122, Tustin, CA, 92680
 (714) 731-9455

AGENCY: CITY OF LAGUNA HILLS
 STREET: WILKES PLACE
 LOCATION: ALICIA PKWY TO GRISSOM RD

WEATHER: SUNNY DATE: 12-11-18
 ROAD CONDITION: DRY START TIME: 10:45 AM
 OBSERVER: CATHY BUENDIA END TIME: 12:15 PM VUL

DIRECTION: <u>SOUTHBOUND</u>						
MPH	NUMBER OF VEHICLES					TOTAL
	5	10	15	20	25	30
60						
59						
58						
57						
56						
55						
54						
53						
52						
51						
50						
49						
48						
47						
46						
45						
44						
43						
42						
41						
40						
39						
38						
37						
36	/					1
35						0
34						0
33	//					2
32	//					2
31						0
30	/					2
29	/					1
28						0
27	//					3
26						0
25	/					3
24	/					1
23	/					2
22	/					1
21	//					5
20	//					4
19						0
18	/					1
17						
16						
15						

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____
 CUMULATIVE (BOTH DIRECTIONS) _____

DIRECTION:						
MPH	NUMBER OF VEHICLES					TOTAL
	5	10	15	20	25	30
60						
59						
58						
57						
56						
55						
54						
53						
52						
51						
50						
49						
48						
47						
46						
45						
44						
43						
42						
41						
40						
39						
38	/					1
37						0
36						0
35						0
34						0
33						0
32	/					1
31	/					1
30	//					4
29	/					2
28	/					4
27	/					1
26	/					2
25	/					3
24	/					2
23						0
22	/					2
21	/					2
20						0
19						0
18	/					1
17						
16						
15						

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____

CUMULATIVE TOTAL	MPH
	60
	59
	58
	57
	56
	55
	54
	53
	52
	51
	50
	49
	48
	47
	46
	45
	44
	43
	42
	41
	40
	39
1	38
0	37
0	36
0	35
0	34
2	33
3	32
1	31
6	30
3	29
4	28
4	27
2	26
6	25
3	24
2	23
3	22
7	21
4	20
0	19
2	18
	17
	16
	15

HCI

CHECKED BY: JERRY STOCK

15th PERCENTILE SPEED: 20.3 MPH

ADT Traffic Volume Data

VOLUME

Wilkes Pl Bet. Alicia Pkwy & Grissom Rd

Day: Wednesday
Date: 12/12/2018City: Laguna Hills
Project #: CA18_1262_001

DAILY TOTALS					NB	SB	EB					WB	Total
					465	373						0	0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00	2	2			4	12:00	10	6			16		
00:15	1	1			2	12:15	6	3			9		
00:30	0	1			1	12:30	3	7			10		
00:45	0	3	0	4	7	12:45	3	22	9	25	12 47		
01:00	0	0			0	13:00	6	21			27		
01:15	0	1			1	13:15	55	12			67		
01:30	0	0			0	13:30	15	4			19		
01:45	0	0	1		1	13:45	3	79	6	43	9 122		
02:00	0	0			0	14:00	6	1			7		
02:15	0	0			0	14:15	3	0			3		
02:30	1	0			1	14:30	3	7			10		
02:45	0	1	0		1	14:45	5	17	3	11	8 28		
03:00	0	1			1	15:00	6	6			12		
03:15	0	0			0	15:15	1	6			7		
03:30	0	0			0	15:30	4	5			9		
03:45	0	0	1		1	15:45	5	16	1	18	6 34		
04:00	0	0			0	16:00	6	2			8		
04:15	1	1			2	16:15	5	8			13		
04:30	0	0			0	16:30	8	7			15		
04:45	1	2	1	2	4	16:45	5	24	7	24	12 48		
05:00	2	0			2	17:00	4	10			14		
05:15	2	1			3	17:15	7	11			18		
05:30	4	0			4	17:30	9	7			16		
05:45	3	11	0	1	12	17:45	6	26	2	30	8 56		
06:00	1	0			1	18:00	6	9			15		
06:15	2	1			3	18:15	2	5			7		
06:30	2	2			4	18:30	2	6			8		
06:45	7	12	2	5	17	18:45	5	15	8	28	13 43		
07:00	3	2			5	19:00	0	5			5		
07:15	6	3			9	19:15	1	2			3		
07:30	7	4			11	19:30	5	3			8		
07:45	12	28	11	20	48	19:45	3	9	10	20	13 29		
08:00	68	29			97	20:00	2	8			10		
08:15	34	3			37	20:15	2	3			5		
08:30	13	5			18	20:30	1	5			6		
08:45	11	126	7	44	180	20:45	3	8	6	22	9 30		
09:00	2	7			9	21:00	4	3			7		
09:15	4	5			9	21:15	0	5			5		
09:30	3	1			4	21:30	0	2			2		
09:45	5	14	4	17	31	21:45	2	6	1	11	3 17		
10:00	2	1			3	22:00	1	4			5		
10:15	6	6			12	22:15	1	3			4		
10:30	4	6			10	22:30	1	0			1		
10:45	4	16	4	17	33	22:45	1	4	0	7	1 11		
11:00	5	8			13	23:00	1	0			1		
11:15	8	3			11	23:15	0	2			2		
11:30	6	2			8	23:30	2	2			4		
11:45	4	23	3	16	39	23:45	0	3	2	6	2 9		
TOTALS	236	128			364	TOTALS	229	245			474		
SPLIT %	64.8%	35.2%			43.4%	SPLIT %	48.3%	51.7%			56.6%		

DAILY TOTALS					NB	SB	EB	WB	Total
					465	373	0	0	838
AM Peak Hour	07:45	07:45		07:45	PM Peak Hour	12:45	12:30		12:45
AM Pk Volume	127	48		175	PM Pk Volume	79	49		125
Pk Hr Factor	0.467	0.414		0.451	Pk Hr Factor	0.359	0.583		0.466
7 - 9 Volume	154	64	0	0	4 - 6 Volume	50	54	0	0
7 - 9 Peak Hour	07:45	07:45		07:45	4 - 6 Peak Hour	17:00	16:30		16:45
7 - 9 Pk Volume	127	48	0	0	4 - 6 Pk Volume	26	35	0	0
Pk Hr Factor	0.467	0.414	0.000	0.000	Pk Hr Factor	0.722	0.795	0.000	0.000

VOLUME

Grissom Rd Bet. Wilkes Pl & Las Bolsas

Day: Wednesday
Date: 12/12/2018City: Laguna Hills
Project #: CA18_1262_002

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0						259		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
00:00			0	0	0	12:00			3	1	4			
00:15			0	0	0	12:15			2	2	4			
00:30			0	0	0	12:30			4	0	4			
00:45			0	0	0	12:45			1	10	5	8	6	18
01:00			0	1	1	13:00			8	4	12			
01:15			0	0	0	13:15			4	16	20			
01:30			0	0	0	13:30			7	1	8			
01:45			0	0	0	13:45			4	23	2	23	6	46
02:00			1	0	1	14:00			5	3	8			
02:15			0	0	0	14:15			8	4	12			
02:30			0	0	0	14:30			4	4	8			
02:45			0	1	0	14:45			3	20	6	17	9	37
03:00			0	1	1	15:00			7	3	10			
03:15			0	0	0	15:15			2	2	4			
03:30			0	0	0	15:30			3	4	7			
03:45			0	0	0	15:45			6	18	8	17	14	35
04:00			0	0	0	16:00			4	2	6			
04:15			1	0	1	16:15			6	3	9			
04:30			0	2	2	16:30			2	5	7			
04:45			1	2	3	16:45			9	21	4	14	13	35
05:00			0	0	0	17:00			8	2	10			
05:15			0	1	1	17:15			13	4	17			
05:30			0	0	0	17:30			3	7	10			
05:45			0	1	1	17:45			11	35	8	21	19	56
06:00			0	1	1	18:00			8	1	9			
06:15			3	3	6	18:15			6	2	8			
06:30			0	4	4	18:30			4	2	6			
06:45			3	6	4	18:45			1	19	4	9	5	28
07:00			2	1	3	19:00			4	2	6			
07:15			2	5	7	19:15			1	3	4			
07:30			4	8	12	19:30			4	1	5			
07:45			10	18	6	19:45			4	13	6	12	10	25
08:00			7	5	12	20:00			4	1	5			
08:15			4	11	15	20:15			1	1	2			
08:30			4	4	8	20:30			3	1	4			
08:45			2	17	4	20:45			0	8	0	3	0	11
09:00			6	2	8	21:00			3	1	4			
09:15			3	5	8	21:15			0	0	0			
09:30			0	5	5	21:30			3	1	4			
09:45			2	11	3	21:45			2	8	1	3	3	11
10:00			2	2	4	22:00			0	1	1			
10:15			4	3	7	22:15			1	1	2			
10:30			4	4	8	22:30			1	0	1			
10:45			2	12	2	22:45			0	2	0	2	0	4
11:00			6	5	11	23:00			0	0	0			
11:15			2	4	6	23:15			0	0	0			
11:30			3	3	6	23:30			0	2	2			
11:45			3	14	1	23:45			1	1	0	2	1	3
TOTALS	81				104	185	TOTALS	178				131	309	
SPLIT %	43.8%				56.2%	37.4%	SPLIT %	57.6%				42.4%	62.6%	

DAILY TOTALS			NB	SB	EB			WB			Total
			0	0							259
AM Peak Hour			07:30	07:30	07:30	PM Peak Hour			17:00	12:45	17:00
AM Pk Volume			25	30	55	PM Pk Volume			35	26	56
Pk Hr Factor			0.625	0.682	0.859	Pk Hr Factor			0.673	0.406	0.737
7 - 9 Volume	0	0	35	44	79	4 - 6 Volume	0	0	56	35	91
7 - 9 Peak Hour			07:30	07:30	07:30	4 - 6 Peak Hour			17:00	17:00	17:00
7 - 9 Pk Volume	0	0	25	30	55	4 - 6 Pk Volume	0	0	35	21	56
Pk Hr Factor	0.000	0.000	0.625	0.682	0.859	Pk Hr Factor	0.000	0.000	0.673	0.656	0.737

Collision History Data

CITY OF LAGUNA HILLS
5-YEAR SWITRS COLLISION DATABASE
WILKES PLACE, FROM ALICIA PARKWAY TO GRISSOM ROAD
JAN. 1, 2013 - NOV. 30, 2018

CASE ID	COLLISION DATE	COLL. TIME	PRIMARY ROAD	SECONDARY ROAD	DIST.	DIR.	INTERS.	WEATH. 1	COLL. SEVERITY	PRIM. COLL. FACT.	PCF VIOL. CAT.	PCF VIOL.	HIT AND RUN	TYPE OF COLL.	MOTOR VEHICLE INVOLVED WITH	ROAD SURF.
8090227	20160704	2315	ALICIA PKWY	WILKES PL	0		Y	A	4	D	0		N	A	C	A
8180551	20161113	2008	ALICIA PKWY	WILKES PL	0		Y	A	3	A	12	21453	N	D	C	A
8197315	20161122	935	ALICIA PKWY	WILKES PL	0		Y	A	4	A	12	21453	N	D	C	A

NOTES:

Weather 1

A - Clear
 B - Cloudy
 C - Raining
 D - Snowing
 E - Fog
 F - Other
 G - Wind
 - - Not Stated

Collision Severity

1 - Fatal
 2 - Injury (Severe)
 3 - Injury (Other Visible)
 4 - Injury (Complaint of Pain)
 0 - PDO (Property Damage On

Primary Collision Factor

A - (Vehicle) Code Violation
 B - Other Improper Driving
 C - Other Than Driver
 D - Unknown
 E - Fell Asleep
 - - Not Stated

PCF Violation Category

01 - Driving or Bicycling Under Ir
 02 - Impeding Traffic
 03 - Unsafe Speed
 04 - Following Too Closely
 05 - Wrong Side of Road
 06 - Improper Passing
 07 - Unsafe Lane Change
 08 - Improper Turning
 09 - Automobile ROW
 10 - Pedestrian ROW
 11 - Pedestrian Violation
 12 - Traffic Signals and Signs
 13 - Hazardous Parking
 14 - Lights
 15 - Brakes
 16 - Other Equipment
 17 - Other Hazardous Violation
 18 - Other Than Driver (or Ped)
 19 -
 20 -
 21 - Unsafe Starting or Backing
 22 - Other Improper Driving
 23 - Pedestrian or "Other" Under the Influence
 24 - Fell Asleep
 00 - Unknown
 - - Not Stated

Hit and Run

F - Felony
 M - Misdemeanor
 N - Not Hit & Run

Type of Collision

A - Head-On
 B - Sideswipe
 C - Rear-End
 D - Broadside
 E - Hit Object
 F - Overturned
 G - Vehicle/Pedestrian
 H - Other
 - - Not Stated

Motor Vehicle Involved With:

A - Non-Collision
 B - Pedestrian
 C - Other Motor Vehicle
 D - Motor Vehicle on Other Roadway
 E - Parked Motor Vehicle
 F - Train
 G - Bicycle
 H - Animal
 I - Fixed Object
 J - Other Object
 - - Not Stated

Road Surface

A - Dry
 B - Wet
 C - Snowy or Icy
 D - Slippery
 - - Not Stated

CITY OF LAGUNA HILLS
5-YEAR SWITRS COLLISION DATABASE
GRISSOM ROAD, FROM WILKES PLACE TO LAS BOLSAS AVENUE
JAN. 1, 2013 - NOV. 30, 2018

CASE ID	COLLISION DATE	COLL. TIME	PRIMARY ROAD	SECONDARY ROAD	DIST.	DIR.	INTERS.	WEATH. 1	COLL. SEVERITY	PRIM. COLL. FACT.	PCF VIOL. CAT.	PCF VIOL.	HIT AND RUN	TYPE OF COLL.	MOTOR VEHICLE INVOLVED WITH	ROAD SURF.
8636969	20180503	1229	GRISSOM RD	LAS BOLSAS AV	0		Y	A	0	A	8	22107	M	D	E	A

NOTES:

Weather 1

A - Clear
 B - Cloudy
 C - Raining
 D - Snowing
 E - Fog
 F - Other
 G - Wind
 - - Not Stated

Collision Severity

1 - Fatal
 2 - Injury (Severe)
 3 - Injury (Other Visible)
 4 - Injury (Complaint of Pain)
 0 - PDO (Property Damage On

Primary Collision Factor

A - (Vehicle) Code Violation
 B - Other Improper Driving
 C - Other Than Driver
 D - Unknown
 E - Fell Asleep
 - - Not Stated

PCF Violation Category

01 - Driving or Bicycling Under Ir
 02 - Impeding Traffic
 03 - Unsafe Speed
 04 - Following Too Closely
 05 - Wrong Side of Road
 06 - Improper Passing
 07 - Unsafe Lane Change
 08 - Improper Turning
 09 - Automobile ROW
 10 - Pedestrian ROW
 11 - Pedestrian Violation
 12 - Traffic Signals and Signs
 13 - Hazardous Parking
 14 - Lights
 15 - Brakes
 16 - Other Equipment
 17 - Other Hazardous Violation
 18 - Other Than Driver (or Ped)
 19 -
 20 -
 21 - Unsafe Starting or Backing
 22 - Other Improper Driving
 23 - Pedestrian or "Other" Under the Influence
 24 - Fell Asleep
 00 - Unknown
 - - Not Stated

Hit and Run

F - Felony
 M - Misdemeanor
 N - Not Hit & Run

Type of Collision

A - Head-On
 B - Sideswipe
 C - Rear-End
 D - Broadside
 E - Hit Object
 F - Overturned
 G - Vehicle/Pedestrian
 H - Other
 - - Not Stated

Motor Vehicle Involved With:

A - Non-Collision
 B - Pedestrian
 C - Other Motor Vehicle
 D - Motor Vehicle on Other Roadway
 E - Parked Motor Vehicle
 F - Train
 G - Bicycle
 H - Animal
 I - Fixed Object
 J - Other Object
 - - Not Stated

Road Surface

A - Dry
 B - Wet
 C - Snowy or Icy
 D - Slippery
 - - Not Stated

Origin-Destination Study Data

Prepared by National Data and Surveying Services

Origin and Destination Study

Day: Wednesday

Date: 12/12/2018

City: Laguna Hills

Project: 18-1263

Path	7:00:00 AM	7:05:00 AM	7:45:00 AM	7:50:00 AM	8:05:00 AM	8:10:00 AM	8:15:00 AM	8:50:00 AM	8:55:00 AM	Total
2 to 1	1	1	1		3		1			7
1 to 2				2	1	2	1	1	1	8
Grand Total	1	1	1	2	4	2	2	1	1	15

Location ID	Street
1	Wilkes Place S/O Alicia Pkwy
2	Velasquez Road N/O Paseo de Valencia
*All times correspond to vehicle origin time	



City of Laguna Hills

Traffic Commission

Staff Report

DATE: July 18, 2018
TO: Traffic Commissioners
FROM: Kenneth H. Rosenfield P.E.
Assistant City Manager/Director of Public Services
ISSUE: Review of Traffic Conditions on Bridlewood Drive and Devonshire Road

RECOMMENDATION: That the Traffic Commission Request Staff Monitor the Speed of Vehicles and Repeat the Speed Survey of Bridlewood Drive Between Vista Viejo Road and Laurel Crest Drive in Six Months Time.

SUMMARY:

Staff was recently contacted by a resident of Moulton Ranch regarding concerns of vehicular speeding and traffic collisions on Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive, and on Devonshire Road, between Falling Leaf Drive and Nottingham Court. Please see the attached Vicinity Map. Based upon the resident's concern and in accordance with the Residential Streets Management Policy, staff initiated a review of the travel speeds, traffic volume and traffic collision history on Bridlewood Drive and on Devonshire Road.

The Traffic Engineers of Hartzog & Crabill, Inc., (HCI) completed the attached June 1, 2018, study of the traffic attributes of Bridlewood Drive from Vista Viejo Road to Laurel Crest Drive and Devonshire Road from Falling Leaf Drive to Nottingham Court. The speed surveys, performed by HCI, as shown in the study, determined the 85th percentile speeds on Bridlewood Drive and Devonshire Road as 37.1 mph and 32.9 mph, respectively.

Review of Traffic Conditions on Bridlewood Drive and Devonshire Road

July 18, 2018

Page 2

The 85th percentile speed measurement of Bridlewood Drive is higher than expected and considered to be unacceptable for a residential character street. The study also determined 24.6% of the vehicles on Bridlewood Drive were exceeding 34 mph, which is also a higher percentage than the expected percentage, typically at approximately 15%.

The 85th percentile speed measurement of Devonshire Road was fully within the expected range. Staff's long term experience has found the typical prevailing speed range for such streets to be between 32 and 34 mph, without adverse traffic collision history. Hence, the 85th percentile speed on Devonshire of 32 mph is not of concern for this residential character street.

The traffic count data, for both Bridlewood Drive and Devonshire Road, revealed the 24-hr volumes to be very low for a typical residential street that is a connecting, or through, street to other neighborhoods. The traffic volumes are not significant and no action is needed in response to this data.

A five-year traffic collision history review of Bridlewood Drive was also included in the study which determined three traffic collisions, including one not identified in the collision data from SWITRS but noted based on the attached photographic evidence provided by a resident, had occurred on Bridlewood Drive during this time. None of the traffic collisions were identified as speed-related.

The five-year traffic collision history review of Devonshire Road identified a single traffic collision which was not identified as speed-related and is not considered significant for the purposes of this report.

Concentrated police enforcement of driver behavior is the best and appropriate remedy for residential streets vehicular speeding and is recommended for Bridlewood Drive. Staff will work with the Orange County Sheriff's Department on enforcement activity in this area and will also post the radar trailer in this area to increase driver education as to the appropriate speed on Bridlewood Drive. Staff will also provide the Moulton Ranch Homeowners Association (HOA) with a traffic safety article to be included in their newsletter for the residents of their HOA. In addition, a follow-up speed survey is recommended to be performed in six months. Should the speeding issue remain, the next incremental action will be evaluated. Currently, there are 25 mph pavement

Review of Traffic Conditions on Bridlewood Drive and Devonshire Road

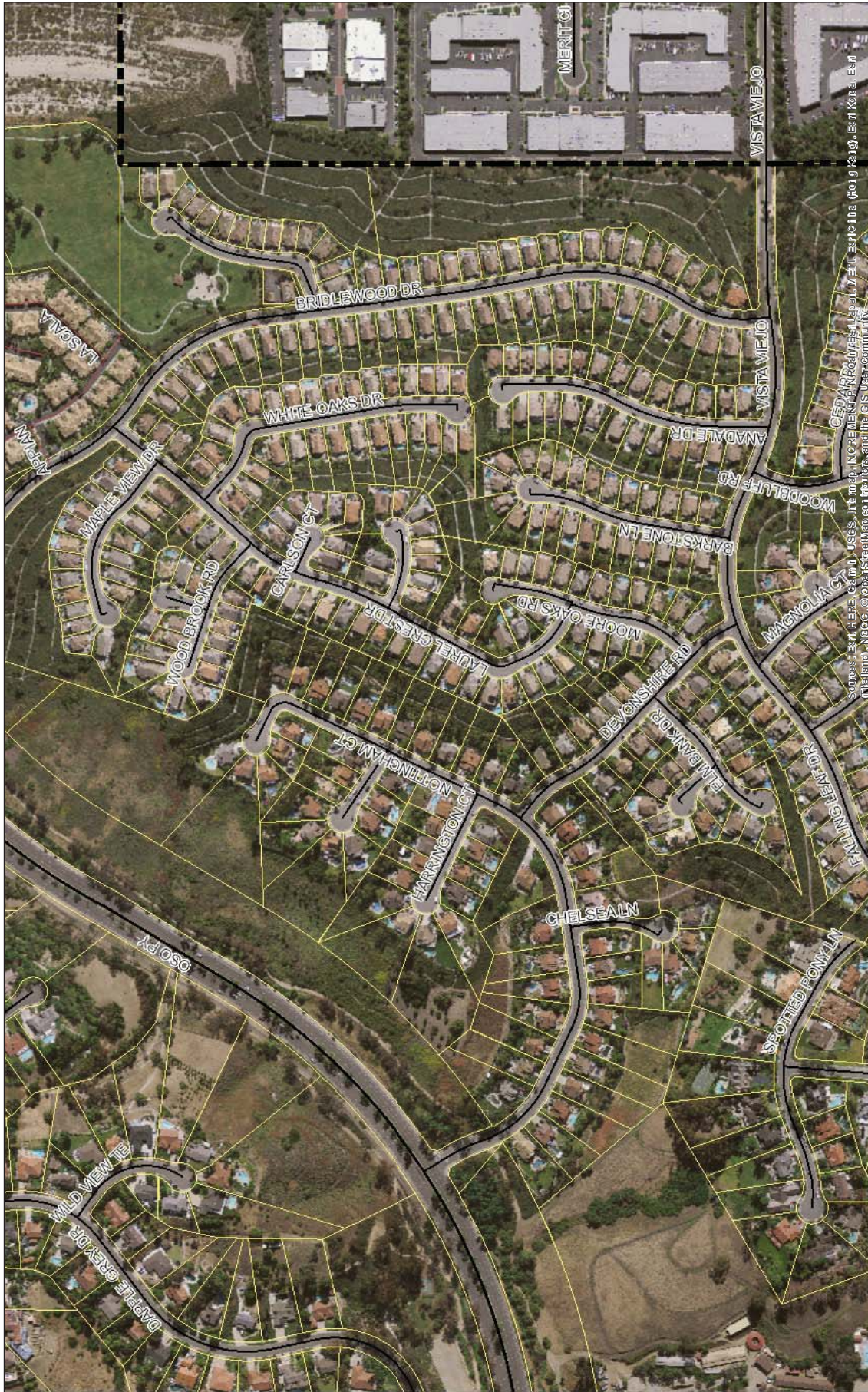
July 18, 2018

Page 3

legends and 25 mph signs posted at multiple locations along Bridlewood Drive between Vista Viejo Road and Laurel Crest Drive. While no changes to existing traffic controls are currently proposed, the number and locations of speed limit signage and pavement markings will also be reviewed following the repeat speed survey.

ATTACHMENTS:

- Vicinity Map
- Photograph
- Traffic Evaluation



VICINITY MAP - BRIDLEWOOD DRIVE & DEVONSHIRE ROAD







Trammell Hartzog, President
Gerald J. Stock, PE, TE,
Executive Vice President

17852 E. 17th Street
Suite 101
Tustin, CA 92780

Phone: (714) 731-9455
FAX: (714) 731-9498

www.hartzog-crabill.com

June 1, 2018

Mr. Kenneth H. Rosenfield, PE
Assistant City Manager/Public Services Director
City of Laguna Hills
24035 El Toro Road
Laguna Hills, CA 92653

**Subject: Traffic Data Evaluation - Letter of Opinion -
Speeding and Collision Concerns along Bridlewood Drive
and Also along Devonshire Road**

Dear Mr. Rosenfield,

Pursuant to your request, Hartzog & Crabill, Inc. (HCI) has prepared this traffic engineering evaluation regarding residential concerns of speeding and collisions along the following two (2) street segments:

- 1) Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive
- 2) Devonshire Road, between Falling Leaf Drive and Nottingham Court

BACKGROUND

Bridlewood Drive

Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive, is a 40-foot wide, 2-lane, north-south residential collector roadway. At the project limits, there is a 1-way stop at Vista Viejo Road and a 3-way stop at Laurel Crest Drive. There is no centerline striping along the entire segment, with exception of a short length of double-yellow centerline at the project limits.

There are posted 25 MPH speed limit signs along Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive. There are also '25' pavement markings adjacent to the sign postings. On-street parking is allowed along both sides of Bridlewood Drive.

Devonshire Road

Devonshire Road, between Falling Leaf Drive and Nottingham Court, is a 40-foot wide, 2-lane, north-south residential collector roadway. At the project limits, both intersections have 1-way stop controls. There is no centerline striping along the entire segment, with exception of a short length of double-yellow centerline at the project limits.

There are posted 25 MPH speed limit signs along Devonshire Road between Falling Leaf Drive and Nottingham Court. There are also '25' pavement markings adjacent to the sign postings. On-street parking is allowed along both sides of Devonshire Road.

Mr. Kenneth H. Rosenfield, PE
 June 1, 2018
 Page 2 of 5

TRAVEL SPEED DATA

To determine travel speeds on Bridlewood Drive and on Devonshire Road, a spot speed radar survey was conducted along each of these residential collector roadways on Wednesday, May 16, 2018, and Thursday, May 17, 2018, respectively. Tables 1 & 2 below summarize the radar speed data.

TABLE 1
SPEED SURVEY SUMMARY
BRIDLEWOOD DRIVE, FROM VISTA VIEJO ROAD TO LAUREL CREST DRIVE

Speed-Count Summary	From Vista Viejo Road to Laurel Crest Drive
85 th Percentile Speed	37.1 MPH
Median Speed	29.5 MPH
15th Percentile Speed	25.0 MPH
10 MPH Pace Speed	25-34 MPH
Average Daily Traffic (ADT)	722 vehicles

As shown above, the 85th percentile speed on Bridlewood Drive was recorded at 37.1 MPH. This data shows that higher than typical travel speeds are occurring above the posted 25 MPH speed limit.

TABLE 2
SPEED SURVEY SUMMARY
DEVONSHIRE ROAD, FROM FALLING LEAF DRIVE TO NOTTINGHAM COURT

Speed-Count Summary	From Falling Leaf Drive to Nottingham Court
85 th Percentile Speed	32.9 MPH
Median Speed	27.9 MPH
15th Percentile Speed	25.0 MPH
10 MPH Pace Speed	25-34 MPH
Average Daily Traffic (ADT)	590 vehicles

As shown above, the 85th percentile speed on Devonshire Road was recorded at 32.9 MPH. This data shows that typical travel speeds are occurring for a posted 25 MPH speed limit street. All radar survey data is attached to this letter.

Mr. Kenneth H. Rosenfield, PE
 June 1, 2018
 Page 3 of 5

TRAFFIC VOLUME DATA

Bridlewood Drive

Average Daily Traffic (ADT) counts were collected for the segment of Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive, on Wednesday, May 2, 2018. The ADT, or 24-hour two-way traffic volume, along this segment resulted in 722 vehicles.

A two-lane collector street generally has a Level-of-Service (LOS) 'D' capacity of 11,300 vehicles per day. Consequently, the existing traffic volume is well under the roadway capacity.

Devonshire Road

Average Daily Traffic (ADT) counts were collected for the segment of Devonshire Road, between Falling Leaf Drive and Nottingham Court, on Wednesday, May 2, 2018. The ADT, or 24-hour two-way traffic volume, along this segment resulted in 590 vehicles.

As mentioned, a two-lane collector street generally has a Level-of-Service (LOS) 'D' capacity of 11,300 vehicles per day. Consequently, the existing traffic volume is well under the roadway capacity. All traffic volume data is included in the appendix.

COLLISION DATA

Bridlewood Drive

HCI obtained collision data for the past five (5) years, between January 1, 2013 – February 28, 2018, from the Statewide Integrated Traffic Records System website (*i-SWITRS*) database to determine the number of collisions occurring on this segment of Bridlewood Drive. Table 3 below presents the summary collision data.

TABLE 3
TRAFFIC COLLISION DATA SUMMARY
BRIDLEWOOD DRIVE, FROM VISTA VIEJO ROAD TO LAUREL CREST DRIVE

YEAR	NUMBER OF COLLISIONS	FATAL	INJURY	PROPERTY DAMAGE ONLY
2013	1	0	1	0
2014	0	0	0	0
2015	0	0	0	0
2016	0	0	0	0
2017	1	0	0	1
2018 *	1	0	0	1

* Available SWITRS data was only up to February 2018 at the time of report preparation.

Mr. Kenneth H. Rosenfield, PE

June 1, 2018

Page 4 of 5

COLLISION DATA (continued)

As shown above, there were a total of three (3) collisions reported along this segment within the last (5) years. The collisions were recorded as Rear End and Head-On types, and categorized as Driving or Bicycling Under Influence and Automobile ROW. As such, there were no collisions determined as ‘speed-related’. Consequently, there are no other recommendations regarding collisions at this time.

It is noted, a resident provided the City with photographic evidence of a two vehicle traffic collision having occurred on Bridlewood Drive on April 5, 2018. The Sheriff’s Department reported that no police report was written as the parties described no injuries and stated they would settle the matter on their own. Accordingly, we have no details on the cause of this traffic collision.

Devonshire Road

HCI also obtained collision data for the past five (5) years, between January 1, 2013 – February 28, 2018, from the Statewide Integrated Traffic Records System website (*i-SWITRS*) database to determine the number of collisions occurring on the subject segment of Devonshire Road. Table 4 below presents the summary collision data.

**TABLE 4
TRAFFIC COLLISION DATA SUMMARY
DEVONSHIRE ROAD, FROM FALLING LEAF DRIVE TO NOTTINGHAM COURT**

YEAR	NUMBER OF COLLISIONS	FATAL	INJURY	PROPERTY DAMAGE ONLY
2013	0	0	0	0
2014	0	0	0	0
2015	0	0	0	0
2016	0	0	0	0
2017	1	0	1	0
2018 *	0	0	0	0

* Available SWITRS data was only up to February 2018 at the time of report preparation.

As shown above, there was only one (1) collision reported along this segment within the last (5) years. This collision was recorded as a Rear End type, and categorized as Improper Turning. As such, there were no collisions determined as ‘speed-related’. Consequently, there are no other recommendations regarding collisions at this time. The comprehensive 5-year segment collision history reports are attached to this letter.

Mr. Kenneth H. Rosenfield, PE
June 1, 2018
Page 5 of 5

RECOMMENDATIONS

As speeding was verified on Bridlewood Drive, it is recommended that an incremental approach be taken to address the higher travel speeds. Initial steps include:

- increased law enforcement.
- deployment of portable radar speed-feedback trailers.
- neighborhood watch committee meeting to help make all residents aware of speeding.

It has been our pleasure to prepare this letter of opinion regarding speeds, traffic volumes, and collisions on Bridlewood Drive, and also on Devonshire Road. If you may have any questions or need additional information, please feel free to call us anytime at (714) 731-9455.

Sincerely,
HARTZOG & CRABILL, INC.



Gerald J. Stock, PE, TE
Executive Vice President

Attachments: Radar Speed Data (Qty. 2)
 ADT Volume Data (Qty. 2)
 Collision History (Qty. 2)

Speed Data

RADAR SPEED DISTRIBUTION SHEET

HCI

CITY OF LAGUNA HILLS

BRIDLEWOOD DRIVE
LAUREL CREST DR TO VISTA VIEJO
DATE: 5/16/2018
SURVEY BY:
C. BUENDIA
TIME: 9:00 AM - 10:00 AM
CHECKED BY:
JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60					X	100.0%
59					X	100.0%
58					X	100.0%
57					X	100.0%
56					X	100.0%
55					X	100.0%
54					X	100.0%
53					X	100.0%
52					X	100.0%
51					X	100.0%
50					X	100.0%
49					X	100.0%
48					X	100.0%
47					X	100.0%
46					X	100.0%
45					X	100.0%
44					X	100.0%
43					X	100.0%
42					X	98.1%
41					X	98.1%
40					X	96.2%
39					X	94.3%
38					X	92.5%
37					X	86.8%
36				X		83.0% ---85PCT
35				X		77.4%
34				X		75.5% }PACE
33				X		67.9% }PACE
32				X		64.2% }PACE
31			X			56.6% }PACE
30			X			49.1% }PACE ---MEAN
29			X			41.5% }PACE
28		X				34.0% }PACE
27		X				28.3% }PACE
26	X					18.9% }PACE
25	X					17.0% }PACE ---15PCT
24	X					5.7%
23	X					3.8%
22	X					3.8%
21	X					1.9%
20	X					1.9%
19	X					0.0%
18	X					0.0%
17	X					0.0%
16	X					0.0%
15	X					0.0%

UPPER LIMIT 10 MPH PACE: 34 MPH
 LOWER LIMIT 10 MPH PACE: 25 MPH
 PERCENT OVER PACE: 24.5 %
 PERCENT IN PACE: 69.8 %
 PERCENT UNDER PACE: 5.7 %

85th PERCENTILE SPEED: 36.5 MPH
 MEDIAN SPEED: 30.1 MPH
 15th PERCENTILE SPEED: 24.8 MPH

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

wood Spot Spd 2018-01

Radar Speed Survey Field Sheet

HARTZOG AND CRABILL I

 Consulting Traffic Engineers
 10331 Santa Rita Blvd., Santa Rita, NM 87040
 (505) 733-5432

AGENCY: CITY OF LAS VEGAS HILLS

STREET: BRIDLEWOOD

LOCATION: LAUREL CREST DR TO VISTA VIEJO

WEATHER: SUNNY

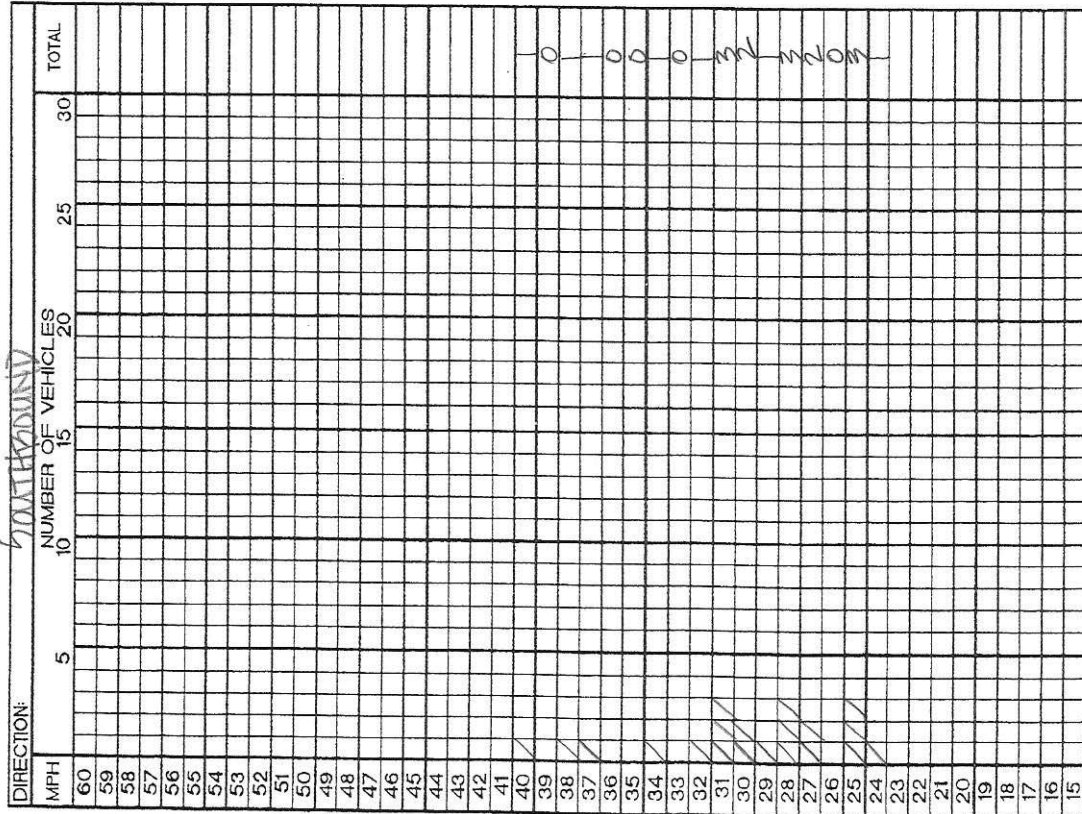
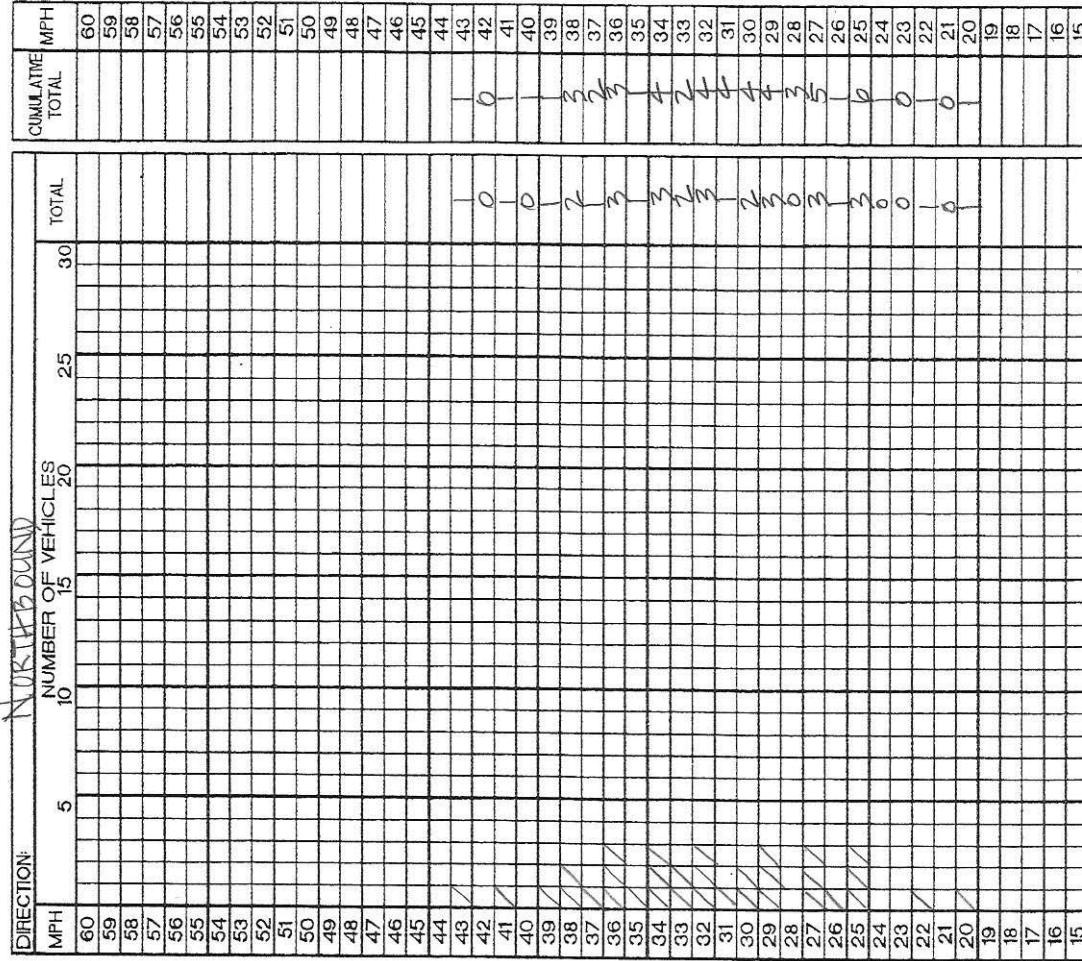
DATE: 5-16-18

ROAD CONDITION: DRY

START TIME: 9:00 AM

OBSERVER: CATHY BUENDIA

END TIME: 10:00 AM VLM


 AVERAGE SPEED: _____ PACE SPEED: _____
 CRITICAL SPEED: _____
 CUMULATIVE (BOTH DIRECTIONS) _____

 AVERAGE SPEED: _____ PACE SPEED: _____
 CRITICAL SPEED: _____

RADAR SPEED DISTRIBUTION SHEET

HCI

CITY OF LAGUNA HILLS

BRIDLEWOOD DRIVE

LAUREL CREST DR TO VISTA VIEJO

DATE: 5/16/2018

SURVEY BY:

C. BUENDIA

TIME: 10:00 AM - 11:00 AM

CHECKED BY:

JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60					X	100.0%
59					X	100.0%
58					X	100.0%
57					X	100.0%
56					X	100.0%
55					X	100.0%
54					X	100.0%
53					X	100.0%
52					X	100.0%
51					X	100.0%
50					X	98.4%
49					X	98.4%
48					X	98.4%
47					X	98.4%
46					X	98.4%
45					X	98.4%
44					X	98.4%
43					X	98.4%
42					X	98.4%
41					X	96.7%
40					X	95.1%
39					X	93.4%
38					X	91.8%
37				X		82.0%
36				X		78.7%
35				X		78.7%
34				X		75.4%
33				X		67.2%
32				X		63.9%
31				X		60.7%
30				X		57.4%
29				X		50.8%
28				X		45.9%
27				X		34.4%
26				X		18.0%
25				X		13.1%
24				X		8.2%
23				X		6.6%
22				X		4.9%
21				X		4.9%
20				X		3.3%
19				X		1.6%
18				X		0.0%
17				X		0.0%
16				X		0.0%
15				X		0.0%

--85PCT

---MEAN

---15PCT

UPPER LIMIT 10 MPH PACE: 34 MPH
 LOWER LIMIT 10 MPH PACE: 25 MPH
 PERCENT OVER PACE: 24.6 %
 PERCENT IN PACE: 67.2 %
 PERCENT UNDER PACE: 8.2 %

85th PERCENTILE SPEED: 37.3 MPH
 MEDIAN SPEED: 28.8 MPH
 15th PERCENTILE SPEED: 25.4 MPH

wood Spot Spd 2018-02

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

Radar Speed Survey Field Sheet

AGENCY: CITY OF LAGUNA HTUS

STREET: BRIDLEWOOD

LOCATION: LAUREL CREST DR TO VISTA VIEJO

WEATHER: *hazy*

ROAD CONDITION: DRY

OBSERVER: CATHY BUENDIA

DATE: 5-16-18

DATE: 08/18/2010 START TIME: 10:00 AM

END TIME: 11:00 AM 10/2/11

HARTZOG AND CRABILL
Consulting Traffic Engineers
11532 Irvine Blvd., Suite 122, Irvine, CA 92618
(916) 751-5452

Connelly, J. Hall: Engineer
1532 Mine Bldg., Suite 122, Los Angeles
(213) 731-5455

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire

DIRECTION: SOUTHBOUND		NUMBER OF VEHICLES	TOTAL
MPH			
60			
59			
58			
57			
56			
55			
54			
53			
52			
51			
50			
49			
48			
47			
46			
45			
44			
43			
42			
41			
40			
39			
38			
37			
36			
35			
34			
33			
32			
31			
30			
29			
28			
27			
26			
25			
24			
23			
22			
21			
20			
19			
18			
17			
16			
15			

AVERAGE

CRITICAL

PACE

7

DIRECTION: Nov 17 2007

NUMBER OF VEHICLES

MPH

TOTAL

MPH Bin	Number of Vehicles
60-65	1
55-60	1
50-55	1
45-50	2
40-45	3
35-40	4
30-35	5
25-30	5
20-25	0
15-20	0

13	AVERAGE
----	---------

CRITICAL

	PAGE
--	------

1

CUMULATIVE TOTAL	MPH
	60
	59
	58
	57
	56
	55
	54
	53
	52
6	51
0	50
0	49
0	48
0	47
0	46
0	45
0	44
0	43
1	42
1	41
1	40
1	39
6	38
2	37
5	36
2	35
5	34
2	33
2	32
2	31
4	30
3	29
7	28
10	27
3	26
3	25
1	24
1	23
0	22
1	21
1	20
1	19
	18
	17
	16

— 000 0000 — 22254444 + 99970545 — 22

RADAR SPEED DISTRIBUTION SHEET

HCI

CITY OF LAGUNA HILLS

BRIDLEWOOD DRIVE
LAUREL CREST DR TO VISTA VIEJO
DATE: 5/16/2018
SURVEY BY:
C. BUENDIA
TIME: 9:00 AM - 11:00 AM
CHECKED BY:
JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60					X	100.0%
59					X	100.0%
58					X	100.0%
57					X	100.0%
56					X	100.0%
55					X	100.0%
54					X	100.0%
53					X	100.0%
52					X	100.0%
51					X	100.0%
50					X	99.1%
49					X	99.1%
48					X	99.1%
47					X	99.1%
46					X	99.1%
45					X	99.1%
44					X	99.1%
43					X	99.1%
42					X	98.2%
41					X	97.4%
40					X	95.6%
39					X	93.9%
38					X	92.1%
37					X	84.2%
36					X	80.7%
35					X	78.1%
34					X	75.4% }PACE
33					X	67.5% }PACE
32					X	64.0% }PACE
31					X	58.8% }PACE
30					X	53.5% }PACE
29					X	46.5% }PACE ---MEAN
28					X	40.4% }PACE
27					X	31.6% }PACE
26					X	18.4% }PACE
25					X	14.9% }PACE ---15PCT
24					X	7.0%
23					X	5.3%
22					X	4.4%
21					X	3.5%
20					X	2.6%
19					X	0.9%
18					X	0.0%
17					X	0.0%
16					X	0.0%
15					X	0.0%

UPPER LIMIT 10 MPH PACE: 34 MPH
 LOWER LIMIT 10 MPH PACE: 25 MPH
 PERCENT OVER PACE: 24.6 %
 PERCENT IN PACE: 68.4 %
 PERCENT UNDER PACE: 7.0 %

85th PERCENTILE SPEED: 37.1 MPH
 MEDIAN SPEED: 29.5 MPH
 15th PERCENTILE SPEED: 25.0 MPH

od Spot Spd 2018-CUM

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

RADAR SPEED DISTRIBUTION SHEET

HCI

CITY OF LAGUNA HILLS

DEVONSHIRE ROAD
FALLING LEAF DR TO NOTTINGHAM CT

DATE: 5/17/2018

SURVEY BY:

C. BUENDIA

TIME: 9:00 AM - 10:00 AM

CHECKED BY:

JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60					X	100.0%
59					X	100.0%
58					X	100.0%
57					X	100.0%
56					X	100.0%
55					X	100.0%
54					X	100.0%
53					X	100.0%
52					X	100.0%
51					X	100.0%
50					X	100.0%
49					X	100.0%
48					X	100.0%
47					X	100.0%
46					X	100.0%
45					X	100.0%
44					X	100.0%
43					X	100.0%
42					X	100.0%
41					X	100.0%
40					X	100.0%
39					X	100.0%
38					X	100.0%
37					X	96.9%
36					X	96.9%
35					X	96.9%
34					X	93.8% }PACE
33				X	X	78.1% }PACE -- -85PCT
32				X	X	78.1% }PACE
31				X		75.0% }PACE
30				X		71.9% }PACE
29			X			62.5% }PACE
28			X			50.0% }PACE ---MEAN
27			X			46.9% }PACE
26		X				28.1% }PACE
25		X				21.9% }PACE
24	X					9.4% -- -15PCT
23	X					9.4%
22	X					3.1%
21	X					3.1%
20	X					0.0%
19	X					0.0%
18	X					0.0%
17	X					0.0%
16	X					0.0%
15	X					0.0%

UPPER LIMIT 10 MPH PACE: 34 MPH
 LOWER LIMIT 10 MPH PACE: 25 MPH
 PERCENT OVER PACE: 6.3 %
 PERCENT IN PACE: 84.4 %
 PERCENT UNDER PACE: 9.4 %

85th PERCENTILE SPEED: 33.4 MPH
 MEDIAN SPEED: 28.0 MPH
 15th PERCENTILE SPEED: 24.5 MPH

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

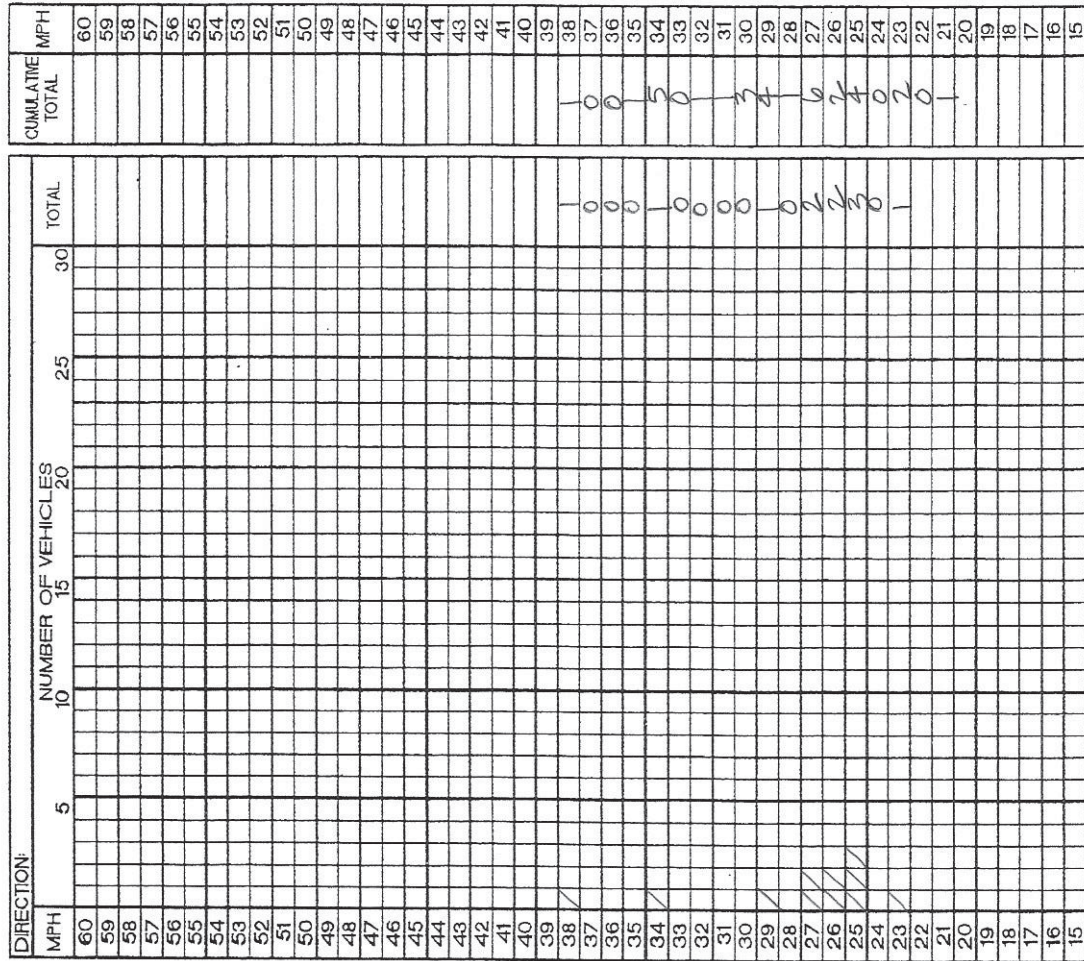
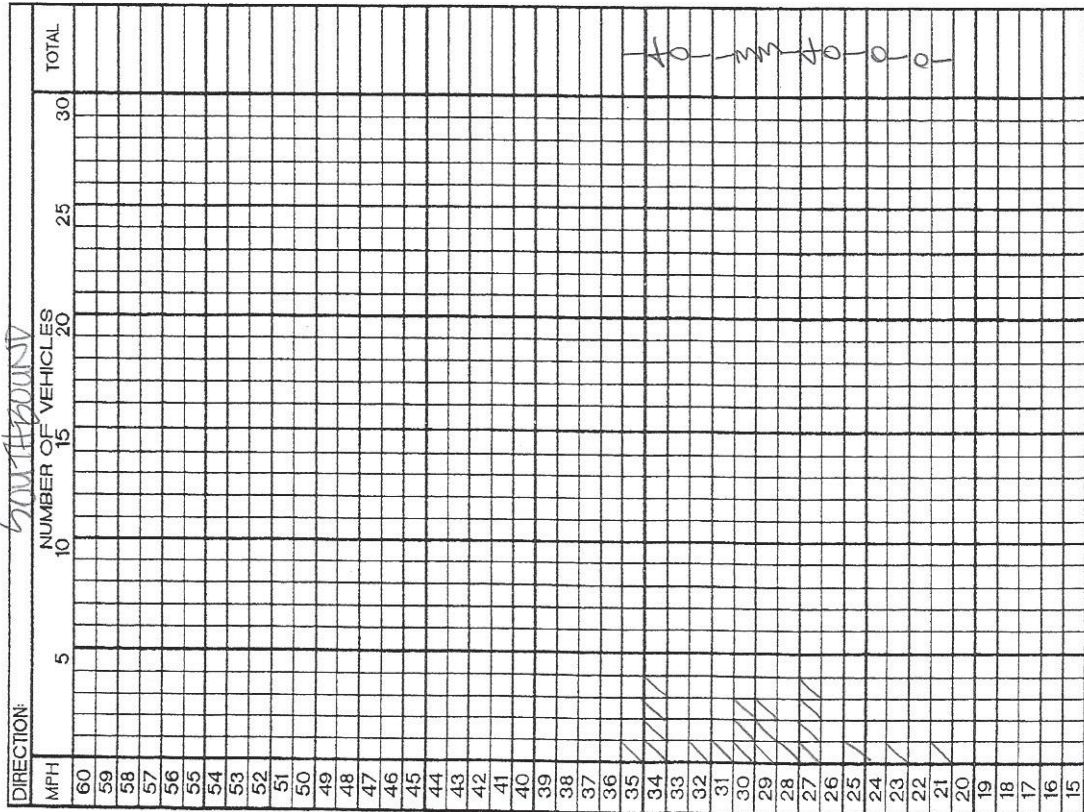
Devonshire 2018-01

Radar Speed Survey Field Sheet

HARTZOG AND CRABILL II
Countywide Traffic Report
11241 Hwy. Rd., Suite 100, Dallas, TX 75242
(214) 731-4462

AGENCY: CITY OF LAGUNA HILLS
STREET: DEVONSHIRE ROAD
LOCATION: FALLING LEAF DR. TO NOTTINGHAM CT

WEATHER: sunny DATE: 05-17-18
ROAD CONDITION: dry START TIME: 9:00 AM
OBSERVER: CATHY BUENDIA END TIME: 10:00 AM



CUMULATIVE TOTAL	MPH
1	60
0	59
0	58
5	57
0	56
0	55
0	54
0	53
0	52
0	51
0	50
0	49
0	48
0	47
0	46
0	45
0	44
0	43
0	42
0	41
0	40
0	39
0	38
0	37
0	36
0	35
0	34
0	33
0	32
0	31
0	30
0	29
0	28
0	27
0	26
0	25
0	24
0	23
0	22
0	21
0	20
0	19
0	18
0	17
0	16
0	15

RADAR SPEED DISTRIBUTION SHEET

CITY OF LAGUNA HILLS
HCI **DEVONSHIRE ROAD**

FALLING LEAF DR TO NOTTINGHAM CT

DATE: 5/17/2018

SURVEY BY:

C. BUENDIA

TIME: 10:00 AM - 11:00 AM

CHECKED BY:

JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60					X	100.0%
59					X	100.0%
58					X	100.0%
57					X	100.0%
56					X	100.0%
55					X	100.0%
54					X	100.0%
53					X	100.0%
52					X	100.0%
51					X	100.0%
50					X	100.0%
49					X	100.0%
48					X	100.0%
47					X	100.0%
46					X	100.0%
45					X	100.0%
44					X	100.0%
43					X	100.0%
42					X	100.0%
41					X	100.0%
40					X	100.0%
39					X	100.0%
38					X	100.0%
37					X	100.0%
36					X	95.7%
35					X	95.7%
34					X	95.7% }PACE
33					X	95.7% }PACE
32					X	95.7% }PACE
31					X	87.0% }PACE
30					X	87.0% }PACE
29					X	78.3% }PACE -- 85PCT
28					X	60.9% }PACE
27					X	52.2% }PACE
26					X	39.1% }PACE ---MEAN
25	X				X	21.7% }PACE
24	X				X	4.3% }PACE ---15PCT
23	X				X	0.0%
22	X				X	0.0%
21	X				X	0.0%
20	X				X	0.0%
19	X				X	0.0%
18	X				X	0.0%
17	X				X	0.0%
16	X				X	0.0%
15	X				X	0.0%

UPPER LIMIT 10 MPH PACE: 34 MPH
 LOWER LIMIT 10 MPH PACE: 25 MPH
 PERCENT OVER PACE: 4.3 %
 PERCENT IN PACE: 95.7 %
 PERCENT UNDER PACE: 0.0 %

85th PERCENTILE SPEED: 30.8 MPH
 MEDIAN SPEED: 27.8 MPH
 15th PERCENTILE SPEED: 25.6 MPH

Devonshire 2018-02

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

Radar Speed Survey Field Sheet

HARTZOG AND CRABILL
Consulting Traffic Engineers
1532 West 8th St., Suite 102, Brea, CA 92603
(714) 751-5400

AGENCY: CITY OF LAGUNA HILLS
STREET: DEVONSHIRE ROAD
LOCATION: FALLING LEAF DR TO NOTTINGHAM CT.

WEATHER: SUNNY
ROAD CONDITION: DRY
OBSERVER: CATHY BUENDIA
DATE: 5-17-18
START TIME: 10:00 AM
END TIME: 11:00 AM

DIRECTION:	MPH	NUMBER OF VEHICLES				TOTAL
		5	10	15	20	
	60					
	59					
	58					
	57					
	56					
	55					
	54					
	53					
	52					
	51					
	50					
	49					
	48					
	47					
	46					
	45					
	44					
	43					
	42					
	41					
	40					
	39					
	38					
	37					
	36					
	35					
	34					
	33					
	32					
	31					
	30					
	29					
	28					
	27					
	26					
	25					
	24					
	23					
	22					
	21					
	20					
	19					
	18					
	17					
	16					
	15					

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____
CUMULATIVE (BOTH DIRECTIONS) _____

DIRECTION:	MPH	NUMBER OF VEHICLES				TOTAL
		5	10	15	20	
	60					
	59					
	58					
	57					
	56					
	55					
	54					
	53					
	52					
	51					
	50					
	49					
	48					
	47					
	46					
	45					
	44					
	43					
	42					
	41					
	40					
	39					
	38					
	37					
	36					
	35					
	34					
	33					
	32					
	31					
	30					
	29					
	28					
	27					
	26					
	25					
	24					
	23					
	22					
	21					
	20					
	19					
	18					
	17					
	16					
	15					

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____

RADAR SPEED DISTRIBUTION SHEET

HCI
CITY OF LAGUNA HILLS
DEVONSHIRE ROAD
FALLING LEAF DR TO NOTTINGHAM CT
DATE: 5/17/2018
SURVEY BY:
C. BUENDIA
TIME: 9:00 AM - 11:00 AM
CHECKED BY:
JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60					X	100.0%
59					X	100.0%
58					X	100.0%
57					X	100.0%
56					X	100.0%
55					X	100.0%
54					X	100.0%
53					X	100.0%
52					X	100.0%
51					X	100.0%
50					X	100.0%
49					X	100.0%
48					X	100.0%
47					X	100.0%
46					X	100.0%
45					X	100.0%
44					X	100.0%
43					X	100.0%
42					X	100.0%
41					X	100.0%
40					X	100.0%
39					X	100.0%
38					X	100.0%
37					X	96.4%
36					X	96.4%
35					X	96.4%
34					X	94.5% }PACE
33				X		85.5% }PACE
32				X		81.8% }PACE ---85PCT
31				X		80.0% }PACE
30				X		74.5% }PACE
29			X			61.8% }PACE
28			X			50.9% }PACE
27		X				43.6% }PACE ---MEAN
26		X				25.5% }PACE
25	X					14.5% }PACE ---15PCT
24	X					5.5%
23	X					5.5%
22	X					1.8%
21	X					1.8%
20	X					0.0%
19	X					0.0%
18	X					0.0%
17	X					0.0%
16	X					0.0%
15	X					0.0%

UPPER LIMIT 10 MPH PACE: 34 MPH
 LOWER LIMIT 10 MPH PACE: 25 MPH
 PERCENT OVER PACE: 5.5 %
 PERCENT IN PACE: 89.1 %
 PERCENT UNDER PACE: 5.5 %

85th PERCENTILE SPEED: 32.9 MPH
 MEDIAN SPEED: 27.9 MPH
 15th PERCENTILE SPEED: 25.0 MPH

Devonshire 2018 CUM

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

ADT Volume Data

Prepared by NDS/ATD

VOLUME

Bridlewood Dr Bet. Vista Viejo Rd & Laurel Crest Dr

Day: Wednesday

Date: 5/2/2018

City: Laguna Hills

Project #: CA18_1093_001

DAILY TOTALS					NB	SB	EB					WB	Total
					454	268						0	0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00	0	0			0	12:00	5	10			15		
00:15	1	1			2	12:15	6	9			15		
00:30	0	0			0	12:30	7	3			10		
00:45	0	1	0	1	0	12:45	7	25	4	26	11		
01:00	0	0			0	13:00	5	2			7		
01:15	0	0			0	13:15	6	4			10		
01:30	0	0			0	13:30	8	4			12		
01:45	0	0			0	13:45	2	21	9	19	11		
02:00	0	0			0	14:00	8	7			15		
02:15	0	0			0	14:15	7	4			11		
02:30	0	0			0	14:30	7	5			12		
02:45	0	0			0	14:45	9	31	5	21	14		
03:00	0	0			0	15:00	5	7			12		
03:15	0	0			0	15:15	9	5			14		
03:30	0	0			0	15:30	3	6			9		
03:45	0	0			0	15:45	8	25	4	22	12		
04:00	1	1			2	16:00	12	5			17		
04:15	0	0			0	16:15	10	7			17		
04:30	1	0			1	16:30	6	3			9		
04:45	1	3	0	1	1	16:45	11	39	3	18	14		
05:00	1	1			2	17:00	4	2			6		
05:15	0	0			0	17:15	4	3			7		
05:30	2	0			2	17:30	15	10			25		
05:45	1	4	0	1	1	17:45	9	32	5	20	14		
06:00	2	1			3	18:00	4	2			6		
06:15	1	1			2	18:15	10	8			18		
06:30	5	0			5	18:30	10	4			14		
06:45	2	10	1	3	3	18:45	7	31	6	20	13		
07:00	9	3			12	19:00	12	7			19		
07:15	8	5			13	19:15	3	1			4		
07:30	7	4			11	19:30	4	4			8		
07:45	15	39	4	16	19	19:45	4	23	3	15	7		
08:00	11	7			18	20:00	4	1			5		
08:15	11	4			15	20:15	4	1			5		
08:30	16	5			21	20:30	4	3			7		
08:45	7	45	2	18	9	20:45	3	15	1	6	4		
09:00	9	6			15	21:00	4	1			5		
09:15	11	1			12	21:15	3	2			5		
09:30	8	4			12	21:30	2	4			6		
09:45	4	32	4	15	8	21:45	1	10	0	7	1		
10:00	4	2			6	22:00	0	4			4		
10:15	6	4			10	22:15	0	2			2		
10:30	11	4			15	22:30	2	0			2		
10:45	8	29	5	15	13	22:45	1	3	0	6	1		
11:00	6	8			14	23:00	1	1			2		
11:15	7	4			11	23:15	0	0			0		
11:30	13	2			15	23:30	0	0			0		
11:45	8	34	3	17	11	23:45	1	2	0	1	1		
TOTALS	197	87			284	TOTALS	257	181			438		
SPLIT %	69.4%	30.6%			39.3%	SPLIT %	58.7%	41.3%			60.7		

DAILY TOTALS					NB	SB	EB	WB	Total
					454	268	0	0	722
AM Peak Hour	07:45	11:45		07:45	PM Peak Hour	16:00	12:00		18:1
AM Pk Volume	53	25		73	PM Pk Volume	39	26		64
Pk Hr Factor	0.828	0.625		0.869	Pk Hr Factor	0.813	0.650		0.84
7 - 9 Volume	84	34	0	0	4 - 6 Volume	71	38	0	0
7 - 9 Peak Hour	07:45	07:15		07:45	4 - 6 Peak Hour	16:00	17:00		16:0
7 - 9 Pk Volume	53	20	0	0	4 - 6 Pk Volume	39	20	0	0
Pk Hr Factor	0.828	0.714	0.000	0.000	Pk Hr Factor	0.813	0.500	0.000	0.000

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

Prepared by NDS/ATD

VOLUME

Devonshire Rd Bet. Falling Leaf Dr & Nottingham Ct

Day: Wednesday
Date: 5/2/2018City: Laguna Hills
Project #: CA18_1093_002

DAILY TOTALS					NB	SB						EB	WB	Total
					174	416						0	0	590
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
00:00	0	0			0	12:00	2	9			11			
00:15	0	0			0	12:15	2	7			9			
00:30	0	0			0	12:30	3	6			9			
00:45	0	0			0	12:45	4	11	8	30	12	41		
01:00	0	0			0	13:00	2	5			7			
01:15	0	0			0	13:15	5	7			12			
01:30	0	0			0	13:30	3	5			8			
01:45	0	0			0	13:45	5	15	3	20	8	35		
02:00	0	0			0	14:00	6	7			13			
02:15	0	0			0	14:15	4	7			11			
02:30	0	0			0	14:30	5	5			10			
02:45	0	0			0	14:45	2	17	6	25	8	42		
03:00	1	0			1	15:00	3	10			13			
03:15	0	0			0	15:15	6	9			15			
03:30	0	0			0	15:30	7	10			17			
03:45	0	1	0		0	15:45	1	17	7	36	8	53		
04:00	0	0			0	16:00	0	6			6			
04:15	0	0			0	16:15	8	4			12			
04:30	0	0			0	16:30	4	9			13			
04:45	0	1	1		1	16:45	7	19	12	31	19	50		
05:00	0	0			0	17:00	3	11			14			
05:15	1	1			2	17:15	6	14			20			
05:30	0	0			0	17:30	3	12			15			
05:45	0	1	1	2	1	17:45	2	14	14	51	16	65		
06:00	1	1			2	18:00	2	14			16			
06:15	0	0			0	18:15	4	19			23			
06:30	0	5			5	18:30	2	7			9			
06:45	0	1	2	8	2	18:45	3	11	8	48	11	59		
07:00	1	2			3	19:00	3	8			11			
07:15	0	3			3	19:15	2	4			6			
07:30	5	1			6	19:30	4	4			8			
07:45	2	8	5	11	7	19:45	1	10	3	19	4	29		
08:00	2	6			8	20:00	1	6			7			
08:15	2	7			9	20:15	2	3			5			
08:30	6	4			10	20:30	1	1			2			
08:45	2	12	5	22	7	20:45	1	5	3	13	4	18		
09:00	3	10			13	21:00	0	2			2			
09:15	0	7			7	21:15	3	5			8			
09:30	4	4			8	21:30	1	4			5			
09:45	3	10	6	27	9	21:45	1	5	1	12	2	17		
10:00	1	9			10	22:00	0	6			6			
10:15	0	3			3	22:15	1	3			4			
10:30	2	5			7	22:30	0	0			0			
10:45	2	5	6	23	8	22:45	2	3	0	9	2	12		
11:00	2	7			9	23:00	1	1			2			
11:15	1	5			6	23:15	0	3			3			
11:30	3	5			8	23:30	0	0			0			
11:45	2	8	5	22	7	23:45	0	1	2	6	2	7		
TOTALS	46	116			162	TOTALS	128	300			428			
SPLIT %	28.4%	71.6%			27.5%	SPLIT %	29.9%	70.1%			72.5			

DAILY TOTALS					NB	SB	EB	WB	Total
					174	416	0	0	590
AM Peak Hour	08:15	09:00		08:15	PM Peak Hour	16:15	17:30		17:30
AM Pk Volume	13	27		39	PM Pk Volume	22	59		70
Pk Hr Factor	0.542	0.675		0.750	Pk Hr Factor	0.688	0.776		0.76
7 - 9 Volume	20	33	0	53	4 - 6 Volume	33	82	0	115
7 - 9 Peak Hour	07:45	07:45		07:45	4 - 6 Peak Hour	16:15	17:00		16:4
7 - 9 Pk Volume	12	22	0	34	4 - 6 Pk Volume	22	51	0	68
Pk Hr Factor	0.500	0.786	0.000	0.000	Pk Hr Factor	0.688	0.911	0.000	0.85

Attachment: Traffic Evaluation (1635 : Review of Traffic Conditions on Bridlewood Drive and Devonshire Road)

Collision History

JAN. 1, 2013 - FEB. 28, 2018

JAN. 1, 2013 - FEB. 28, 2018																
CASE ID	COLL. DATE	COLL. TIME	PRIMARY ROAD	SECONDARY ROAD	DIST.	DIR.	INTERS.	WEATH.	COLL. SEVERITY	PRIM. COLL. FACT.	PCF VIOL CAT.	HIT AND RUN VIOL.	TYPE OF COLL.	MOTOR VEHICLE INVOLVED WITH	ROA SURI	
8361526	20170326	10	BRIDLEWOOD DR	VISTA VIEJO RD	488	N	N	A	0	A	1	23152	N	C	E	A
6174038	20130806	1741	VISTA VIEJO	BRIDLEWOOD LN	0		Y	A	4	A	9	21801	N	A	C	A

NOTES:

Weather 1	Collision Severity	Primary Collision Factor	PCF Violation Category	Hit and Run	Type of Collision
A - Clear	1 - Fatal	A - (Vehicle) Code Violation	01 - Driving or Bicycling Under Influence	F - Felony	A - Head-On
B - Cloudy	2 - Injury (Severe)	B - Other Improper Driving	02 - Impeding Traffic	M - Misdemeanor	B - Sideswipe
C - Raining	3 - Injury (Other Visible)	C - Other Than Driver	03 - Unsafe Speed	N - Not Hit & Run	C - Rear-End
D - Snowing	4 - Injury (Complaint of Pain)	D - Unknown	04 - Following Too Closely		D - Broadside
E - Fog	0 - PDO (Property Damage Only)	E - Fell Asleep	05 - Wrong Side of Road		E - Hit Object
F - Other		-- Not Stated	06 - Improper Passing		F - Overturned
G - Wind			07 - Unsafe Lane Change		G - Vehicle/Pedestrian
-- Not Stated			08 - Improper Turning		H - Other
			09 - Automobile ROW		-- Not Stated

Motor Vehicle Involved With:

Road Surface	
A - Non-Collision	11 - Pedestrian Violation
B - Pedestrian	12 - Traffic Signals and Signs
C - Other Motor Vehicle	13 - Hazardous Parking
D - Motor Vehicle on Other Roadway	14 - Lights
E - Parked Motor Vehicle	15 - Brakes
F - Train	16 - Other Equipment
G - Bicycle	17 - Other Hazardous Violation
H - Animal	18 - Other Than Driver (or Ped)
I - Fixed Object	19 -
J - Other Object	20 -
-- Not Stated	21 - Unsafe Starting or Backing
	22 - Other Improper Driving
	23 - Pedestrian or "Other" Under the Influence
	24 - Fell Asleep
	00 - Unknown
	-- Not Stated

JAN. 1, 2013 - FEB. 28, 2018

JAN. 1, 2013 - FEB. 28, 2018																
CASE ID	COLL. DATE	COLL. TIME	PRIMARY ROAD	SECONDARY ROAD	DIST.	DIR.	INTERS.	WEATH.	COLL. SEVERITY	PRIM. COLL. FACT.	PCF VIOL CAT.	HIT AND PCF VIOL. RUN	TYPE OF COLL.	MOTOR VEHICLE INVOLVED WITH	ROA SURI	
83326285	20170220	2256	DEVONSHIRE RD	NORTH ELM BANK DR	175		N	A	4	A	8	22107	N	C	E	A

NOTES:

Weather 1	Collision Severity	Primary Collision Factor	PCF Violation Category	Hit and Run	Type of Collision
A - Clear	1 - Fatal	A - (Vehicle) Code Violation	01 - Driving or Bicycling Under Influence	F - Felony	A - Head-On
B - Cloudy	2 - Injury (Severe)	B - Other Improper Driving	02 - Impeding Traffic	M - Misdemeanor	B - Sideswipe
C - Raining	3 - Injury (Other Visible)	C - Other Than Driver	03 - Unsafe Speed	N - Not Hit & Run	C - Rear-End
D - Snowing	4 - Injury (Complaint of Pain)	D - Unknown	04 - Following Too Closely		D - Broadside
E - Fog	0 - PDO (Property Damage Only)	E - Fell Asleep	05 - Wrong Side of Road		E - Hit Object
F - Other		-- Not Stated	06 - Improper Passing		F - Overturned
G - Wind			07 - Unsafe Lane Change		G - Vehicle/Pedestrian
-- Not Stated			08 - Improper Turning		H - Other
			09 - Automobile ROW		-- Not Stated

Motor Vehicle Involved With:

	Road Surface
A - Non-Collision	
B - Pedestrian	A - Dry
C - Other Motor Vehicle	B - Wet
D - Motor Vehicle on Other Roadway	C - Snowy or Icy
E - Parked Motor Vehicle	D - Slippery
F - Train	- - Not Stated
G - Bicycle	
H - Animal	
I - Fixed Object	
J - Other Object	
K - Not Stated	
L - Pedestrian Violation	
M - Traffic Signals and Signs	
N - Hazardous Parking	
O - Lights	
P - Brakes	
Q - Other Equipment	
R - Other Hazardous Violation	
S - Other Than Driver (or Ped)	
T -	
U -	
V - Unsafe Starting or Backing	
W - Other Improper Driving	
X - Pedestrian or "Other" Under the Influence	
Y - Fell Asleep	
Z - Unknown	
-- Not Stated	



City of Laguna Hills Traffic Commission Staff Report

DATE: November 20, 2019

TO: TRAFFIC COMMISSIONERS

FROM: Amber M. Shah, P.E.
Associate Civil Engineer

ISSUE: REPEAT SPEED SURVEY ON BRIDLEWOOD DRIVE

RECOMMENDATION: TRAFFIC COMMISSION RECEIVE AND FILE

SUMMARY:

Staff was previously contacted by a resident of Moulton Ranch in April 2018 regarding concerns of vehicular speeding and collisions on Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive. Please see the attached Vicinity Map. Based upon the resident's concerns and in accordance with the Residential Streets Management Policy, staff subsequently initiated a traffic engineering evaluation of Bridlewood Drive between Vista Viejo Road and Laurel Crest Drive. The report presented at the July 18, 2018 meeting of the Traffic Commission concluded the 85th percentile speed measurement of Bridlewood Drive was higher than expected and considered to be unacceptable. Additional traffic speed enforcement and use of the radar trailer were utilized to address this issue. The Traffic Commission requested staff repeat the speed survey of Bridlewood Drive in six months' time.

In accordance with the Traffic Commission's request, a follow-up speed survey was performed in December 2018. Although the prevailing speed of traffic was lower than previous measurements, it was still higher than expected for a residential street. Therefore, staff recommended and subsequently installed additional signs and pavement legends on Bridlewood Drive. Continued concentrated police enforcement was also recommended in addition to a follow-up speed survey in six months' time.

In accordance with the recommendation at the January 16, 2019, meeting of the Traffic Commission, a new speed survey was performed in October 2019. This speed survey determined the prevailing speed of traffic was in the acceptable range in the morning but remained higher than expected in the afternoon time period. The City has already taken incremental steps to address this speeding issue and implemented all non-physical traffic control devices appropriate for this location. Based upon a collision history of two collisions

reported in the past 5 years with none categorized as unsafe speed, staff recommends continued concentrated police enforcement and posting of the radar trailer in this area.

BACKGROUND:

Staff was contacted by a resident of Moulton Ranch in April 2018 regarding concerns of vehicular speeding and traffic collisions on Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive, and on Devonshire Road, between Falling Leaf Drive and Nottingham Court. Please see the attached Vicinity Map. Based upon the resident's concern and in accordance with the Residential Streets Management Policy, staff subsequently initiated a review of the vehicular speeds, traffic volume and traffic collision history on Bridlewood Drive and separately on Devonshire Road. The report presented at the July 18, 2018 meeting of the Traffic Commission concluded the 85th percentile speed measurement of Bridlewood Drive was higher than expected and considered to be unacceptable for a residential character street. Additional traffic speed enforcement and use of the radar trailer were utilized to address this issue. The report concluded the 85th percentile speed on Devonshire Road was within expectations and no further action on that street was needed. The Traffic Commission requested staff repeat the speed survey of Bridlewood Drive in six months' time.

In accordance with the Traffic Commission's request, the Traffic Engineers of Hartzog & Crabill, Inc., (HCI) completed a speed survey of Bridlewood Drive from Vista Viejo Road to Laurel Crest Drive in December 2018. The report presented at the January 16, 2019, meeting of the Traffic Commission concluded the 85th percentile speed on Bridlewood Drive reduced from 37.1 mph, as recorded in the first speed survey in May 2018, to 36.1 mph in December 2018. Based upon the results of the December 2018 speed survey indicating vehicular speed continued to be an issue, staff field reviewed the existing number and locations of speed limit signage and pavement markings. Staff recommended and subsequently had painted two "25" mph pavement legends adjacent to the posted speed limits signs along southbound Bridlewood Drive and "Stop Ahead" pavement markings in advance of the stop sign at Vista Viejo Road. Continued concentrated police enforcement was also recommended in addition to a follow-up speed survey in six months' time.

In accordance with the recommendation at the January 16, 2019, meeting of the Traffic Commission, the Traffic Engineers of Hartzog & Crabill, Inc., (HCI) completed the attached November 7, 2019, speed survey of Bridlewood Drive from Vista Viejo Road to Laurel Crest Drive. This speed survey determined the 85th percentile speed on Bridlewood Drive in the morning was within the typical range of 34 – 36 mph but remained higher than expected at 37.3 mph in the afternoon. The results of this speed survey indicate vehicular speed remains an issue on Bridlewood Drive. The City has taken the incremental steps necessary to address this speeding issue and implemented all non-physical traffic control devices appropriate for this location. Based upon a collision history of two collisions reported in the past 5 years with none categorized as unsafe speed, staff recommends continued concentrated police enforcement of driver behavior is the best and appropriate remedy for Bridlewood Drive. Staff will continue to work with the Sheriff's Department on

enforcement activity in this area and will continue to post the radar trailer in this area to increase driver education as to the appropriate speed on Bridlewood Drive.

ATTACHMENT:

- Vicinity Map
- Hartzog & Crabill, Inc. November 7, 2019, Traffic Data Evaluation – Letter of Opinion – Speeding Data Follow-Up along Bridlewood Drive



Trammell Hartzog, President
Gerald J. Stock, PE, TE,
Executive Vice President

17852 E. 17th Street
Suite 101
Tustin, CA 92780

Phone: (714) 731-9455
FAX: (714) 731-9498

www.hartzog-crabill.com

November 7, 2019

Mr. Kenneth H. Rosenfield, PE
Assistant City Manager/Public Services Director
City of Laguna Hills
24035 El Toro Road
Laguna Hills, CA 92653

**Subject: Traffic Data Evaluation - Letter of Opinion -
Speeding Data Follow-Up along Bridlewood Drive**

Dear Mr. Rosenfield,

Pursuant to your request, Hartzog & Crabill, Inc. (HCI) has prepared this traffic engineering evaluation as a follow-up to our June 1, 2018 and January 9, 2019 evaluations regarding residential concerns of speeding along the street segment of Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive.

The following data was gathered/performed as part of this evaluation:

- 1) Two (2) radar speed surveys on Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive.

BACKGROUND

Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive, is a 40-foot wide, 2-lane, north-south residential collector roadway. At the project limits, there is a 1-way stop at Vista Viejo Road and a 3-way stop at Laurel Crest Drive. There is no centerline striping along the entire segment, with exception of a short length of double-yellow centerline at the project limits.

There are posted 25 MPH speed limit signs along Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive. There are also '25' pavement markings adjacent to the sign postings. On-street parking is allowed along both sides of Bridlewood Drive.

TRAVEL SPEED DATA

To determine current travel speeds on Bridlewood Drive, two spot speed radar surveys were conducted along this residential collector roadway on Thursday, October 24, 2019 (see attached). The tables below summarize the recent radar speed data collected.

SPEED SURVEY SUMMARY BRIDLEWOOD DRIVE, FROM VISTA VIEJO ROAD TO LAUREL CREST DRIVE

<u>9:00-10:00AM</u> Radar Speed Data Summary	Between Vista Viejo Road and Laurel Crest Drive
85 th Percentile Speed	36.3 MPH
Median Speed	29.6 MPH
15th Percentile Speed	24.0 MPH
10 MPH Pace Speed	23 - 32 MPH
Percent in Pace Speed	63.8%

<u>4:00-5:00PM</u> Radar Speed Data Summary	Between Vista Viejo Road and Laurel Crest Drive
85 th Percentile Speed	37.3 MPH
Median Speed	30.8 MPH
15th Percentile Speed	25.7 MPH
10 MPH Pace Speed	29 - 38 MPH
Percent in Pace Speed	63.9%

Source: Hartzog & Crabill, Inc., 2019.

As shown in the two tables above, the highest 85th-percentile speed on Bridlewood Drive was recorded in the afternoon at 37.3 MPH. This data shows that higher than typical travel speeds are occurring above the posted 25 MPH speed limit.

The critical speeds also appear to be consistently high when compared to the highest critical speeds recorded back in June 2018 and January 2019, which were 37.1 MPH and 36.1 MPH, respectively.

COLLISION DATA

HCI obtained the most recent, citywide collision data that was reported during the past five (5+) years from the Statewide Integrated Traffic Records System website (*i*-SWITRS) database.

HCI prepared an updated 5-year collision history report to determine the number of collisions occurring on this particular segment of Bridlewood Drive. The table below presents the summary collision data.

TRAFFIC COLLISION DATA SUMMARY BRIDLEWOOD DRIVE, FROM VISTA VIEJO ROAD TO LAUREL CREST DRIVE

Year	Number of Collisions	Fatal	Injury	Property Damage Only
2014	0	0	0	0
2015	0	0	0	0
2016	0	0	0	0
2017	1	0	0	1
2018	0	0	0	0
2019 *	1	0	0	1
TOTAL	2	0	0	2

* Available SWITRS data was up to June 30, 2019 at the time of report preparation.

As shown above, there were a total of two (2) collisions reported along this segment within the prior (5-1/2) years. These collisions were recorded as Rear End and Hit Object types. The two collisions were also categorized with primary collision factors that include Driving Under the Influence and Unsafe Starting or Backing. None (0) were categorized as Unsafe Speed; therefore, there are no other recommendations in regards to collisions at this time.

RECOMMENDATIONS

As speeding above the 25 MPH speed limit was verified on Bridlewood Drive, it is recommended to continue the incremental approach in order to address and lower the overall travel speeds. These incremental steps include:

- increased law enforcement of this segment.
- frequent deployment of portable radar speed-feedback trailers.
- neighborhood watch committee meeting to help make all residents aware of speeding.
- additional speed limit signage and pavement markings.

Mr. Kenneth H. Rosenfield, PE

November 7, 2019

Page 4 of 4

It has been our pleasure to prepare this follow-up letter of opinion regarding speeding concerns along Bridlewood Drive. If you may have any questions or need additional information, please feel free to call us anytime at (714) 731-9455.

Sincerely,

HARTZOG & CRABILL, INC.



Gerald J. Stock, PE, TE
Executive Vice President

Attachment: Radar Speed Data

Speed Data

SUMMARY OF SPOT SPEED SURVEYS OCTOBER 2019

STREET LOCATION	EXISTING SPEED LIMIT	RECOMMENDED SPEED LIMIT	85 TH PERCENTILE SPEED	AVERAGE SPEED	10 MPH PACE RANGE	PERCENT OF VEHICLES IN PACE	DAY / DATE / TIME PERIOD
<u>BRIDLEWOOD DRIVE</u>							
LAUREL CREST TO VISTA VIEJO	25	-	36.3	29.6	23-32	63.8	THURS / 10-24-2019 / AM
	25	-	34.9	30.2	26-35	74.5	THURS / 10-24-2019 / AM
	25	-	36.2	29.9	26-35	67.9	THURS / 10-24-2019 / PM
	25	-	37.3	30.8	29-38	63.9	THURS / 10-24-2019 / PM
<u>SANTA VITTORIA DRIVE</u>							
CAMINITO JALISCO TO CAMINTO COSTA	25	-	34.9	31.2	27-36	78.4	TUES / 10-29-2019 / AM
	25	-	34.9	30.5	27-36	82.9	TUES / 10-29-2019 / AM
	25	-	38.1	32.9	28-37	69.3	TUES / 10-29-2019 / PM
	25	-	38.0	33.7	30-39	77.0	TUES / 10-29-2019 / PM

HARTOG AND CRABILL INC.
 Consulting Traffic Engineers
 11925 Lake Blvd., Suite 127, Irvine, CA 92618
 (714) 441-9200

Radar Speed Survey Field Sheet

WEATHER: SUNNY DATE: 10/24/19
 ROAD CONDITION: DRY START TIME: 9:00 AM
 OBSERVER: CATHY BUENDIA END TIME: 10:00 AM var

AGENCY: CITY OF LAGUNA HILLS
 STREET: BRIDLEWOOD
 LOCATION: VISTA VIEO TO LAUREL CREST

DIRECTION: NORTHBOUND

MPH	5	10	15	20	25	30	TOTAL	MPH	CUMULATIVE TOTAL
60								60	
59								59	
58								58	
57								57	
56								56	
55								55	
54								54	
53								53	
52								52	
51								51	
50								50	
49								49	
48								48	
47								47	
46								46	
45								45	
44								44	
43								43	
42								42	
41								41	
40								40	
39								39	
38								38	
37								37	
36								36	
35								35	
34								34	
33								33	
32								32	
31								31	
30								30	
29								29	
28								28	
27								27	
26								26	
25								25	
24								24	
23								23	
22								22	
21								21	
20								20	
19								19	
18								18	
17								17	
16								16	
15								15	

DIRECTION: SOUTHBOUND

MPH	5	10	15	20	25	30	TOTAL	MPH	CUMULATIVE TOTAL
60								60	
59								59	
58								58	
57								57	
56								56	
55								55	
54								54	
53								53	
52								52	
51								51	
50								50	
49								49	
48								48	
47								47	
46								46	
45								45	
44								44	
43								43	
42								42	
41								41	
40								40	
39								39	
38								38	
37								37	
36								36	
35								35	
34								34	
33								33	
32								32	
31								31	
30								30	
29								29	
28								28	
27								27	
26								26	
25								25	
24								24	
23								23	
22								22	
21								21	
20								20	
19								19	
18								18	
17								17	
16								16	
15								15	

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____
 CUMULATIVE (BOTH DIRECTIONS) _____

RADAR SPEED DISTRIBUTION SHEET

HCI

CITY OF LAGUNA HILLS

BRIDLEWOOD DRIVE

DATE: 10/24/2019

TIME: 9:00 AM - 10:00 AM

LAUREL CREST DR TO VISTA VIEJO

SURVEY BY:

C. BUENDIA

CHECKED BY:

JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60					X	100.0%
59					X	100.0%
58					X	100.0%
57					X	100.0%
56					X	100.0%
55					X	100.0%
54					X	100.0%
53					X	100.0%
52					X	100.0%
51					X	100.0%
50					X	100.0%
49					X	100.0%
48					X	100.0%
47					X	100.0%
46					X	100.0%
45					X	100.0%
44					X	100.0%
43					X	100.0%
42					X	100.0%
41					X	100.0%
40					X	95.7%
39					X	93.6%
38					X	91.5%
37					X	91.5%
36					X	89.4%
35					X	83.0%
34					X	78.7%
33					X	74.5%
32					X	72.3%
31					X	66.0%
30					X	61.7%
29					X	53.2%
28					X	44.7%
27					X	38.3%
26					X	34.0%
25					X	25.5%
24					X	21.3%
23					X	14.9%
22					X	12.8%
21					X	2.1%
20					X	0.0%
19					X	0.0%
18					X	0.0%
17					X	0.0%
16					X	0.0%
15					X	0.0%

UPPER LIMIT 10 MPH PACE:	32	MPH
LOWER LIMIT 10 MPH PACE:	23	MPH
PERCENT OVER PACE:	34.0	%
PERCENT IN PACE:	63.8	%
PERCENT UNDER PACE:	2.1	%

85th PERCENTILE SPEED:	36.3	MPH
MEDIAN SPEED:	29.6	MPH
15th PERCENTILE SPEED:	24.0	MPH

HARTOG AND CRABILL INC.
Consulting Traffic Engineers
11951 Santa Monica Blvd., Suite 102, Torrance, CA 90503
(310) 331-9333

Radar Speed Survey Field Sheet

AGENCY: CITY OF LAGUNA HILLS DATE: 10/24/19
STREET: BRIDLEWOOD ROAD CONDITION: DRY START TIME: 10:00 AM
LOCATION: VISTA VIEJO TO LAUREL CREST OBSERVER: CATHY BUENDIA END TIME: 11:00 AM VAR

DIRECTION: SOUTHBOUND

MPH	5	10	15	20	25	30	TOTAL
60							
59							
58							
57							
56							
55							
54							
53							
52							
51							
50							
49							
48							
47							
46							
45							
44							
43							
42							
41							
40							
39							
38							
37							
36							
35							
34							
33							
32							
31							
30							
29							
28							
27							
26							
25							
24							
23							
22							
21							
20							
19							
18							
17							
16							
15							

AVERAGE SPEED: _____ PACE SPEED: _____
CRITICAL SPEED: _____
CUMULATIVE (BOTH DIRECTIONS): _____

DIRECTION: NORTHBOUND

MPH	5	10	15	20	25	30	TOTAL
60							
59							
58							
57							
56							
55							
54							
53							
52							
51							
50							
49							
48							
47							
46							
45							
44							
43							
42							
41							
40							
39							
38							
37							
36							
35							
34							
33							
32							
31							
30							
29							
28							
27							
26							
25							
24							
23							
22							
21							
20							
19							
18							
17							
16							
15							

AVERAGE SPEED: _____ PACE SPEED: _____
CRITICAL SPEED: _____
CUMULATIVE TOTAL: _____

RADAR SPEED DISTRIBUTION SHEET

HCI

CITY OF LAGUNA HILLS

BRIDLEWOOD DRIVE

LAUREL CREST DR TO VISTA VIEJO

DATE: 10/24/2019

SURVEY BY:

C. BUENDIA

TIME: 10:00 AM - 11:00 AM

CHECKED BY:

JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60					X	100.0%
59					X	100.0%
58					X	100.0%
57					X	100.0%
56					X	100.0%
55					X	100.0%
54					X	100.0%
53					X	100.0%
52					X	100.0%
51					X	100.0%
50					X	100.0%
49					X	100.0%
48					X	100.0%
47					X	100.0%
46					X	100.0%
45					X	98.2%
44					X	98.2%
43					X	98.2%
42					X	98.2%
41					X	96.4%
40					X	94.5%
39					X	94.5%
38					X	92.7%
37					X	90.9%
36					X	85.5%
35					X	85.5% }PACE
34				X		80.0% }PACE ---85PCT
33				X		76.4% }PACE
32				X		67.3% }PACE
31				X		63.6% }PACE
30			X			47.3% }PACE ----MEAN
29			X			34.5% }PACE
28			X			30.9% }PACE
27		X				23.6% }PACE
26		X				18.2% }PACE
25		X				10.9% ---15PCT
24		X				9.1%
23	X					5.5%
22	X					3.6%
21	X					3.6%
20	X					3.6%
19	X					1.8%
18	X					1.8%
17	X					1.8%
16	X					0.0%
15	X					0.0%

UPPER LIMIT 10 MPH PACE: 35 MPH
 LOWER LIMIT 10 MPH PACE: 26 MPH
 PERCENT OVER PACE: 14.5 %
 PERCENT IN PACE: 74.5 %
 PERCENT UNDER PACE: 10.9 %

85th PERCENTILE SPEED: 34.9 MPH
 MEDIAN SPEED: 30.2 MPH
 15th PERCENTILE SPEED: 25.6 MPH

Bridlewood Spot Spd 2019-AM2

HARTZOG AND CRABILL INC.
Consulting Traffic Engineers
11591 Lake Blvd., Suite 410, San Diego, CA 92189
(619) 581-0400

Radar Speed Survey Field Sheet

WEATHER: SUNNY DATE: 10/24/19
ROAD CONDITION: DRY START TIME: 3:00 PM
OBSERVER: CATHY BUENDIA END TIME: 4:00 PM JAC

AGENCY: CITY OF LAGUNA HILLS
STREET: BRIDLEWOOD
LOCATION: VISTA VIEW TO LAUREL CREST

DIRECTION: <u>NORTHBOUND</u>		NUMBER OF VEHICLES				TOTAL	MPH	CUMULATIVE TOTAL
60	55	50	45	40	35	30		
							60	
							59	
							58	
							57	
							56	
							55	
							54	
							53	
							52	
							51	
							50	
							49	
							48	
							47	
							46	
							45	
							44	
							43	
							42	
							41	
							40	
							39	
							38	
							37	
							36	
							35	
							34	
							33	
							32	
							31	
							30	
							29	
							28	
							27	
							26	
							25	
							24	
							23	
							22	
							21	
							20	
							19	
							18	
							17	
							16	
							15	

DIRECTION: <u>SOUTHBOUND</u>		NUMBER OF VEHICLES				TOTAL	MPH	CUMULATIVE TOTAL
60	55	50	45	40	35	30		
							60	
							59	
							58	
							57	
							56	
							55	
							54	
							53	
							52	
							51	
							50	
							49	
							48	
							47	
							46	
							45	
							44	
							43	
							42	
							41	
							40	
							39	
							38	
							37	
							36	
							35	
							34	
							33	
							32	
							31	
							30	
							29	
							28	
							27	
							26	
							25	
							24	
							23	
							22	
							21	
							20	
							19	
							18	
							17	
							16	
							15	

AVERAGE SPEED: _____ CRITICAL SPEED: _____ PACE SPEED: _____
CUMULATIVE (BOTH DIRECTIONS) _____

PM-1

RADAR SPEED DISTRIBUTION SHEET

HCI

CITY OF LAGUNA HILLS

BRIDLEWOOD DRIVE

LAUREL CREST DR TO VISTA VIEJO

DATE: 10/24/2019

SURVEY BY:

C. BUENDIA

TIME: 3:00 PM - 4:00 PM

CHECKED BY:

JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60					X	100.0%
59					X	100.0%
58					X	100.0%
57					X	100.0%
56					X	100.0%
55					X	100.0%
54					X	100.0%
53					X	100.0%
52					X	100.0%
51					X	98.7%
50					X	98.7%
49					X	98.7%
48					X	98.7%
47					X	98.7%
46					X	98.7%
45					X	98.7%
44					X	98.7%
43					X	96.2%
42					X	96.2%
41					X	96.2%
40					X	93.6%
39					X	91.0%
38					X	91.0%
37					X	87.2%
36					X	84.6%
35					X	80.8%
34					X	70.5%
33					X	64.1%
32					X	59.0%
31					X	56.4%
30					X	51.3%
29					X	42.3%
28					X	35.9%
27					X	25.6%
26					X	17.9%
25					X	12.8%
24					X	9.0%
23					X	5.1%
22					X	5.1%
21					X	5.1%
20					X	2.6%
19					X	0.0%
18					X	0.0%
17					X	0.0%
16					X	0.0%
15					X	0.0%

-- -85PCT

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

}PACE

UPPER LIMIT 10 MPH PACE: 35 MPH
 LOWER LIMIT 10 MPH PACE: 26 MPH
 PERCENT OVER PACE: 19.2 %
 PERCENT IN PACE: 67.9 %
 PERCENT UNDER PACE: 12.8 %

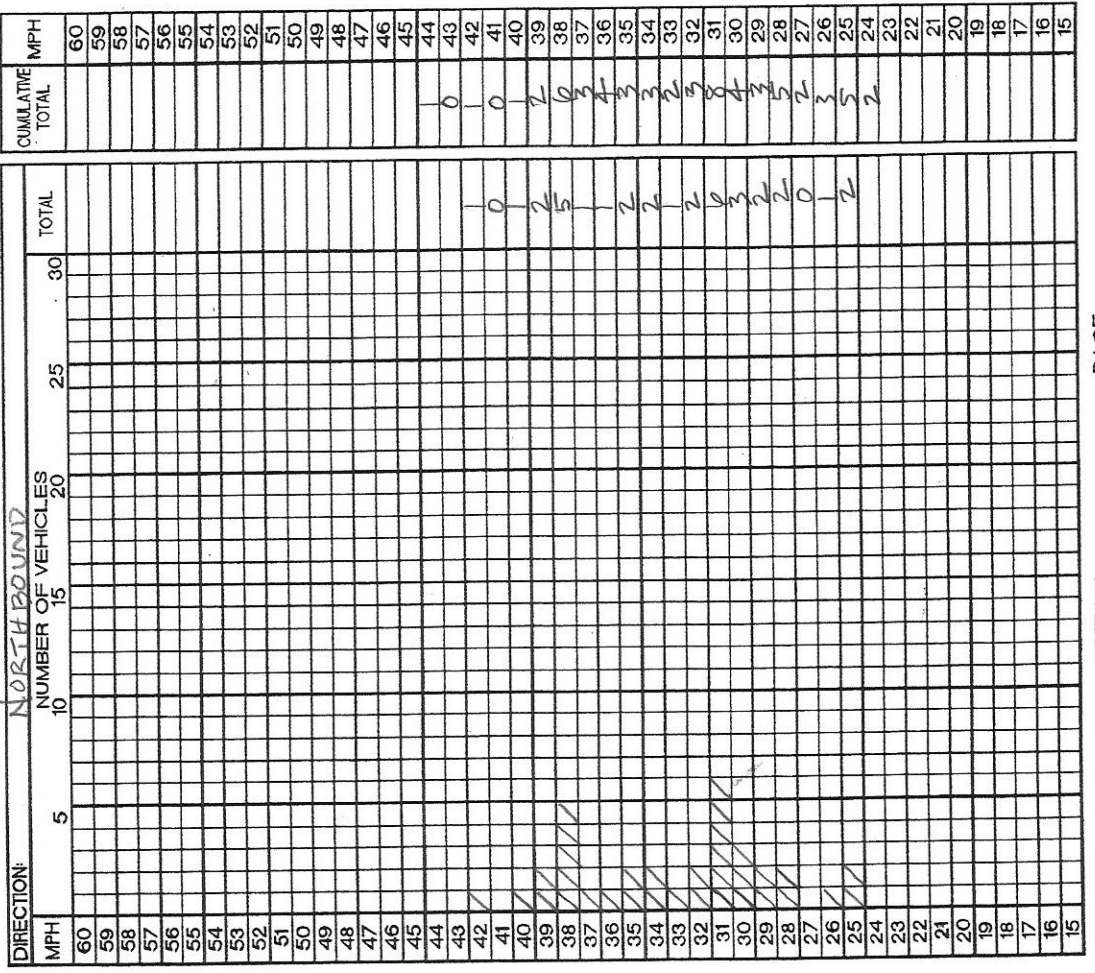
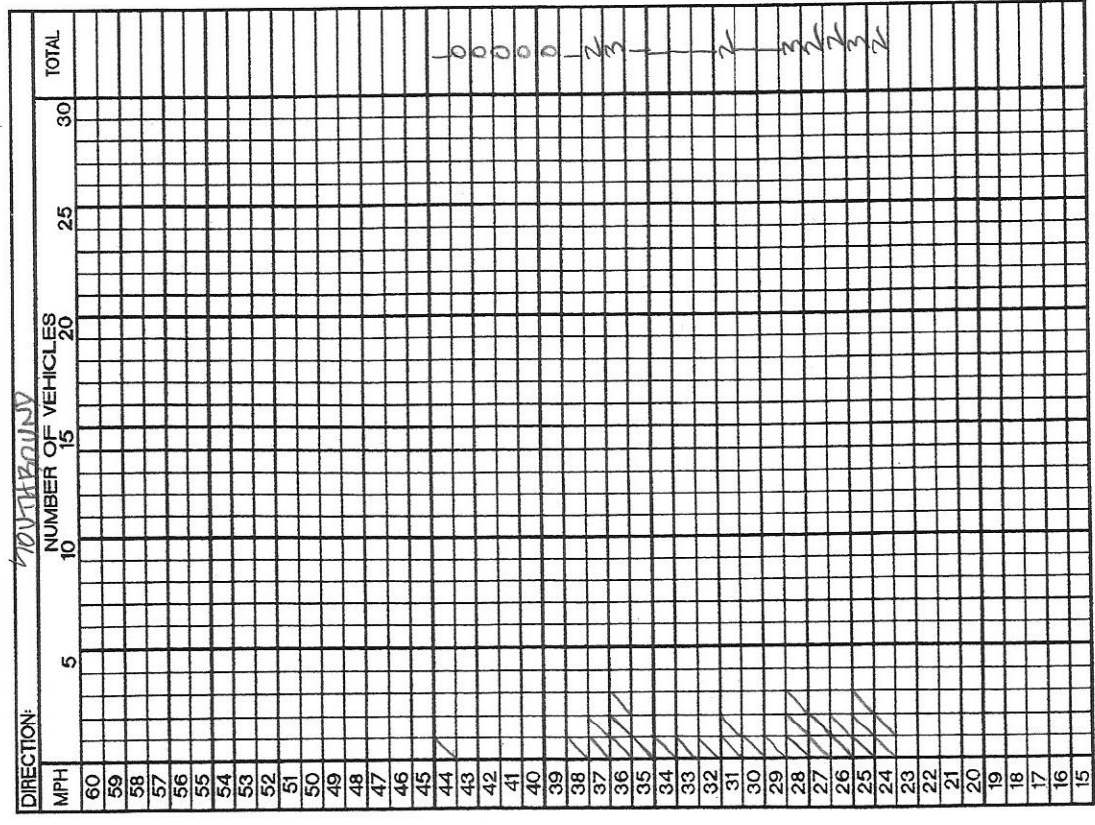
85th PERCENTILE SPEED: 36.2 MPH
 MEDIAN SPEED: 29.9 MPH
 15th PERCENTILE SPEED: 25.4 MPH

Bridlewood Spot Spd 2019-PM1

HARTZOG AND CRABILL INC.
COUNTY TRAILER, ETCETERA
17221 Santa Rita Blvd, Suite 102, Santa Rita, CA 95070
(415) 731-9255

Radar Speed Survey Field Sheet

AGENCY: CITY OF LAGUNA HILLS DATE: 10/24/19
STREET: BRIDLEWOOD START TIME: 4:00 PM
LOCATION: VISTA VIEJO TO LAUREL CREST END TIME: 5:00 PM 1/19
WEATHER: SUNNY
ROAD CONDITION: DRY
OBSERVER: CATHY BUENDIA



PM-2

RADAR SPEED DISTRIBUTION SHEET

HCI

CITY OF LAGUNA HILLS

BRIDLEWOOD DRIVE

LAUREL CREST DR TO VISTA VIEJO

DATE: 10/24/2019

SURVEY BY:

C. BUENDIA

TIME: 4:00 PM - 5:00 PM

CHECKED BY:

JERRY STOCK

SPEED	CUMMULATIVE PERCENT					
	20	40	60	80	100	
60					X	100.0%
59					X	100.0%
58					X	100.0%
57					X	100.0%
56					X	100.0%
55					X	100.0%
54					X	100.0%
53					X	100.0%
52					X	100.0%
51					X	100.0%
50					X	100.0%
49					X	100.0%
48					X	100.0%
47					X	100.0%
46					X	100.0%
45					X	100.0%
44					X	98.4%
43					X	98.4%
42					X	96.7%
41					X	96.7%
40					X	95.1%
39					X	91.8%
38					X	82.0%
37					X	77.0%
36					X	70.5%
35					X	65.6%
34					X	60.7%
33					X	57.4%
32					X	52.5%
31					X	39.3%
30					X	32.8%
29					X	27.9%
28					X	19.7%
27					X	16.4%
26					X	11.5%
25					X	3.3%
24					X	0.0%
23					X	0.0%
22					X	0.0%
21					X	0.0%
20					X	0.0%
19					X	0.0%
18					X	0.0%
17					X	0.0%
16					X	0.0%
15					X	0.0%

UPPER LIMIT 10 MPH PACE: 38 MPH
 LOWER LIMIT 10 MPH PACE: 29 MPH
 PERCENT OVER PACE: 8.2 %
 PERCENT IN PACE: 63.9 %
 PERCENT UNDER PACE: 27.9 %

85th PERCENTILE SPEED: 37.3 MPH
 MEDIAN SPEED: 30.8 MPH
 15th PERCENTILE SPEED: 25.7 MPH

Bridlewood Spot Spd 2019-PM2



City of Laguna Hills Traffic Commission Staff Report

Date: March 19, 2025
To: Chair and Commission Members
From: Samantha Vu, Assistant Engineer
Issue: Review of Traffic Conditions on Bridlewood Drive and Vista Viejo

Recommendation: That the Traffic Commission recommend that the City Engineer add Bridlewood Drive and Vista Viejo to the portable radar speed-feedback trailer rotational deployment list and conduct another speed survey in 90 days, and that Police Services conduct increased law (speed) enforcement on Bridlewood Drive and Vista Viejo.

Background:

City staff was recently contacted by a resident of the community regarding concerns of vehicular speeding on Bridlewood Drive and Vista Viejo. Please see the attached Vicinity Map. Based upon the resident's concern and in accordance with the Residential Streets Management Policy, City staff initiated a review of the requested area.

City staff was previously contacted by a resident of Moulton Ranch in April 2018 regarding concerns of vehicular speeding and collisions on Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive. City staff subsequently initiated a traffic engineering evaluation of Bridlewood Drive between Vista Viejo Road and Laurel Crest Drive. The report presented at the July 18, 2018 meeting of the Traffic Commission concluded the 85th percentile speed measurement of Bridlewood Drive was higher than expected and considered to be unacceptable. Additional traffic speed enforcement and use of the radar trailer were utilized to address this issue. The Traffic Commission requested City staff repeat the speed survey of Bridlewood Drive in six months' time.

In accordance with the Traffic Commission's request, a follow-up speed survey was performed in December 2018. Although the prevailing speed of traffic was lower than previous measurements, it was still higher than expected for a residential street.

Therefore, City staff recommended and subsequently installed additional signs and pavement legends on Bridlewood Drive. Continued concentrated police enforcement was also recommended in addition to a follow-up speed survey in six months' time.

In accordance with the recommendation at the January 16, 2019, meeting of the Traffic Commission, a new speed survey was performed in October 2019. This speed survey determined the prevailing speed of traffic was in the acceptable range in the morning but remained higher than expected in the afternoon time period. At the time, it was determined that the appropriate steps were to continue concentrated police enforcement. Previous Traffic Commission reports are attached.

Due to the previous studies being more than two (2) years old, City staff contacted Counts Unlimited, Inc. to conduct a four (4) day speed survey in two locations. Please see the attached Speed Survey Location Map. Counts Unlimited, Inc. collected and reported the attached 96-hour speed survey on Bridlewood Drive and Vista Viejo, between January 3 and January 6, 2025. Table 1 below contains a summary of the results. It should be noted that Bridlewood Drive has a posted speed limit of 25 MPH. Vista Viejo has a posted speed limit of 35 MPH in the City of Mission Viejo which decreases to 30 MPH for the portion of the roadway that is in within the City of Laguna Hills.

Table 1: Speed Survey Summary

Speed Summary	Bridlewood Drive			Vista Viejo		
	NB	SB	Both	EB	WB	Both
85 th Percentile Speed (MPH)	35.5	34.25	35	36.75	33.75	35.5
Average Speed (MPH)	30.5	28.75	29.75	31.5	29	30.25
Percent of Vehicles in Pace (Within 26-35 MPH)	65.03%	57.75%	62.5%	56.55%	67.15%	61.38%

Staff's experience has found the typical prevailing speed range for such streets to be between 32 and 34 MPH, without traffic safety concerns. This is approximately 7-8 MPH above the posted speed limit. The speed survey counts determined the 85th percentile speeds on Bridlewood Drive as 35 MPH and 35.5 MPH on Vista Viejo. Based on the data in Table 1, the 85th percentile speeds were found to be high for Bridlewood Drive. Both streets experienced low vehicle volumes for a typical, residential streets; however, Bridlewood Drive and Vista Viejo had unusual spotty speeding which lead to a low percent of vehicles in pace for both streets.

To address traffic safety concerns, the Residential Streets Traffic Management Policy outlines procedures and incremental solutions. Generally, actions to address speeding issues on residential streets will only be recommended if the prevailing speed is above 32 to 34 MPH, if unusual conditions exist on the roadway, or if there are documented speed-related traffic collisions. Although Vista Viejo does not pose a traffic safety concern on average, the unusual spotty speeding poses a safety issue for residents. In this case, the policy recommends an incremental approach, which includes:

- Increased law enforcement
- Frequent deployment of portable radar speed-feedback trailers
- The use of traffic control devices, regulatory signs and markings, warning signs, and striping
- Physical devices like bolt-down speed cushions

It should be noted that the implementation of physical devices has additional criteria to be considered during assessment. According to the Residential Streets traffic management Policy, the following minimum criteria must be met to consider the implementation of physical devices:

- a. At least 67% of the affected residents of the street and adjacent area streets support the implementation of the physical device. The streets to be used to evaluate the support for the physical device will be those that reasonably can be inferred to draw traffic to the street of concern.
- b. The prevailing speed of traffic has been documented to be greater than 34 mph for at least two radar speed surveys taken 90 days apart as part of the follow-up evaluation of all other traffic controls used to address the issue.
- c. At least 1,500 vehicles traverse the street in a 24-hour period.

- d. The location meets the approval of the Police and Fire Department related to adequate response time of safety vehicles.
- e. The grade of the street shall not exceed 6%.
- f. The street must have a length of at least 1,300 feet and be able to accommodate a minimum of three speed humps unless otherwise directed by the City Council.
- g. Other issues related to traffic engineering will be considered as deemed appropriate by the City Traffic Engineer.

City staff recommends an incremental approach to be followed by adding both Bridlewood Drive and Vista Viejo to the portable radar speed-feedback trailer rotational deployment list, conducting another speed survey in 90 days, and requesting that Police Services conduct increased law (speed) enforcement on Bridlewood Drive and Vista Viejo. If no change is observed using the incremental approach and the minimum criteria in the Residential Streets Traffic Management Policy are met, City staff will research the implementation of physical devices including cost and present it to the Traffic Commission at a future meeting.

Fiscal Impact:

City staff's recommendation will result in no new fiscal impact.

Attachments:

- 1. Vicinity Map
- 2. Traffic Commission Item 4.2, dated July 18, 2018
- 3. Traffic Commission Item 4.2, dated January 16, 2019
- 4. Traffic Commission Item 4.5, dated November 20, 2019
- 5. Speed Survey Location Map
- 6. Counts Unlimited, Inc. Speed Survey, January 3, 2025 through January 6, 2025



City of Laguna Hills Traffic Commission Staff Report

Date: May 21, 2025
To: Chair and Commission Members
From: Samantha Vu, Assistant Engineer
Issue: Review of Traffic Conditions on Bridlewood Drive and Vista Viejo

Recommendation: That the Traffic Commission recommend that the City Engineer install centerline striping and “Watch Downhill Speed” signs along Bridlewood Drive and Vista Viejo, as well as additional white “30” pavement legends along Vista Viejo and conduct another speed survey in six months, in accordance to the City Council’s Residential Streets Traffic Management Policy.

Background:

City staff was previously contacted by a resident of the community regarding concerns of vehicular speeding on Bridlewood Drive and Vista Viejo. Please see the attached Vicinity Map. Based upon the resident’s concern and in accordance with the Residential Streets Management Policy, City staff initiated a review of the requested area.

City staff was previously contacted by a resident of Moulton Ranch in April 2018 regarding concerns of vehicular speeding and collisions on Bridlewood Drive, between Vista Viejo Road and Laurel Crest Drive. City staff subsequently initiated a traffic engineering evaluation of Bridlewood Drive between Vista Viejo Road and Laurel Crest Drive. The report presented at the July 18, 2018 meeting of the Traffic Commission concluded that the 85th percentile speed measurement of Bridlewood Drive was higher than expected and considered to be unacceptable. Additional traffic speed enforcement and use of the radar trailer were utilized to address this issue. The Traffic Commission requested City staff repeat the speed survey of Bridlewood Drive in six months’ time.

In accordance with the Traffic Commission's request, a follow-up speed survey was performed in December 2018. Although the prevailing speed of traffic was lower than previous measurements, it was still higher than expected for a residential street. Therefore, City staff recommended and subsequently installed additional signs and pavement legends on Bridlewood Drive. Continued concentrated police enforcement was also recommended in addition to a follow-up speed survey in six months' time.

In accordance with the recommendation at the January 16, 2019, meeting of the Traffic Commission, a new speed survey was performed in October 2019. This speed survey determined the prevailing speed of traffic was in the acceptable range in the morning but remained higher than expected in the afternoon time period. At the time, it was determined that the appropriate steps were to continue concentrated police enforcement. Previous Traffic Commission reports are attached.

Due to the previous studies being more than two (2) years old, City staff contacted Counts Unlimited, Inc. to conduct a four (4) day speed survey in two locations in January 2025. Per direction of the Traffic Commission from the March, 19th 2025 meeting, City staff contacted Counts Unlimited, Inc. to conduct a four (4) day speed survey in four locations. Please see the attached Speed Survey Location Map. Counts Unlimited, Inc. collected and reported the attached 96-hour speed survey on Bridlewood Drive and Vista Viejo, between April 11 and April 14, 2025. Table 1 below contains a summary of the results as well as the previous January 2025 results for comparison. It should be noted that Bridlewood Drive has a posted speed limit of 25 MPH. Vista Viejo has a posted speed limit of 35 MPH in the City of Mission Viejo which decreases to 30 MPH for the portion of the roadway that is in within the City of Laguna Hills.

Table 1: April 2025 Speed Survey Summary

Speed Summary	Bridlewood			Vista Viejo		
	Jan.	April (South of Laurel Crest)	April (South of Meadow Crest)	Jan.	April (East of Devonshire)	April (East of Bridlewood)
85 th Percentile Speed (MPH)	35	29.5	36.5	35.5	33	40
Average Speed (MPH)	29.75	26.25	30.5	30.25	28	35.25
Percent of Vehicles in Pace	62.5%	76.68%	57.08%	61.38%	66.28%	62.28%
10 MPH Pace Speed	26-35	21-30	26-35	26-35	21-30	31-40

Staff's experience has found the typical prevailing speed range for such streets to be between 32 and 34 MPH, without traffic safety concerns. This is approximately 7-8 MPH above the posted speed limit. The speed survey determined the 85th percentile speeds on both streets have increased since the last speed survey. Both streets experienced low vehicle volumes for a typical, residential streets; however, Bridlewood Drive and Vista Viejo had unusual spotty speeding which led to a low percent of vehicles in pace for both streets.

To address traffic safety concerns, the Residential Streets Traffic Management Policy outlines procedures and incremental solutions. Generally, actions to address speeding issues on residential streets will only be recommended if the prevailing speed is above 32 to 34 MPH, if unusual conditions exist on the roadway, or if there are documented speed-related traffic collisions. In this case, the policy recommends an incremental approach, which includes:

- Increased law enforcement
- Frequent deployment of portable radar speed-feedback trailers
- The use of traffic control devices, regulatory signs and markings, warning signs, and striping

- Physical devices like bolt-down speed cushions

It should be noted that the implementation of physical devices has additional criteria to be considered during assessment. According to the Residential Streets traffic management Policy, the following minimum criteria must be met to consider the implementation of physical devices:

- a. At least 67% of the affected residents of the street and adjacent area streets support the implementation of the physical device. The streets to be used to evaluate the support for the physical device will be those that reasonably can be inferred to draw traffic to the street of concern.
- b. The prevailing speed of traffic has been documented to be greater than 34 mph for at least two radar speed surveys taken 90 days apart as part of the follow-up evaluation of all other traffic controls used to address the issue.
- c. At least 1,500 vehicles traverse the street in a 24-hour period.
- d. The location meets the approval of the Police and Fire Department related to adequate response time of safety vehicles.
- e. The grade of the street shall not exceed 6%.
- f. The street must have a length of at least 1,300 feet and be able to accommodate a minimum of three speed humps unless otherwise directed by the City Council.
- g. Other issues related to traffic engineering will be considered as deemed appropriate by the City Traffic Engineer.

Increased law enforcement and deployment of portable radar speed-feedback trailers were implemented after the previous traffic commission meeting. Due to the increase in speeding, City staff recommends an incremental approach to be followed by installing centerline striping and “Watch Downhill Speed” signs along Bridlewood Drive and Vista Viejo, as well as additional white “30” pavement legends along Vista Viejo and conduct another speed survey in six months, in accordance to the City Council’s Residential Streets Traffic Management Policy. If no change is observed using the incremental approach and the minimum criteria in the Residential Streets Traffic Management Policy are met, City staff will research the implementation of physical devices including cost and present it to the Traffic Commission at a future meeting.

Fiscal Impact:

The anticipated cost of the required signing and striping is \$3,500.00. Funds are available for this work in the 2024-25 Fiscal Year Public Works Maintenance Budget.

Attachments:

1. Vicinity Map
2. Traffic Commission Item 4.2, dated July 18, 2018
3. Traffic Commission Item 4.2, dated January 16, 2019
4. Traffic Commission Item 4.5, dated November 20, 2019
5. Traffic Commission Item 4.2, dated March 19, 2025
6. Speed Survey Location Map
7. Counts Unlimited, Inc. Speed Survey, April 11, 2025 through April 14, 2025

Photos of striping installations on Vista Viejo on July 8, 2025.

The striping of a painted median with raised “dots” was recommended by the Traffic Commission at the May 21, 2025, Traffic Commission meeting to address motorists speeding down (eastbound on) Vista Viejo and turning left (north) onto Bridlewood Drive:





City of Laguna Hills City Council / Planning Agency Staff Report

Date: October 14, 2025
To: Mayor and Council Members
From: Holland Gannon, Community Services Director
Issue: 2025 Holiday Lighting and Decorations Agreement with Trovao and Associates, Inc. dba The Christmas Light Guy Company

Recommendation: That the City Council: 1. Waive competitive formal bidding requirements and procedures set forth in the City of Laguna Hills Municipal Code (LHMC) Section 3-08.090 with regard to approval of the proposed Holiday Lighting and Decorations Agreement with Trovao and Associates, Inc. dba The Christmas Light Guy Company, as it is hereby found and determined, pursuant to LHMC Section 3-08.110, that the recommended contract is for entertainment services and community support and 2. Approve the proposed Holiday Lighting and Decorations Agreement and authorize the Interim City Manager to execute the Agreement.

Background:

The current 2025-2027 Biennial Budget includes funding for City-wide holiday decorations for each fiscal year. The budget for this fiscal year is \$120,000. Three informal proposals were received for this year's decorations. After review of the proposals, Trovao and Associates, Inc, dba The Christmas Light Guy Co. (TCLGC), is recommended as the City's light vendor for this year's holiday decorations. It is recommended for the City Council to approve the attached agreement and authorize the Interim City Manager to execute the agreement.

On July 14, 2025, City staff reached out to various light vendors in order to obtain informal quotes for holiday lighting services. Within the scope of work was an option to submit up to three (3) different quotes. One for the entry monuments only (Proposal A), one for the entry monuments and static displays at the Community Center (Proposal B), and one for the entry monuments and a light show at the Community Center

(Proposal C).

The costs for each proposal received were as follows:

	Proposal A - Entry Monument Lights Only	Proposal B - Entry Monument Lights and Static Display at the Community Center	Proposal C - Entry Monument Lights and Light Show at the Community Center
St. Nick's	\$28,610	\$103,814	\$119,915
The Christmas Light Guy Co.	\$36,410	\$115,500	\$120,000
The Christmas Kings	\$49,000	\$94,000	\$110,000

Quotes were evaluated by staff on the following criteria: experience of the firm and design team, quality of proposal and detailed responsiveness to the informal request for quotes, understanding of the project, design approach, and references. The elements included by TCLGC in Proposal C have been designed to reflect features that are unique to Laguna Hills, reinforcing community identity and offering residents and visitors alike a distinct experience. Based off of these criteria, staff recommends contract award to TCLGC.

Summary of TCLGC Decorations

1. Community Center located at 25555 Alicia Pkwy

1. Lights around building roofline
2. Wreath and other decorations on windows at Community Center main entrance
3. Decorations on top of pillars at PDV/Alicia Community Center sidewalk entrance
4. Walk-through décor pieces in plaza area
5. Synchronized light show with music
6. Display above water fountain
7. Lights around tree trunks and in tree canopy at Community Center Drive
8. Lights in the plaza area and adjacent to Alicia Pkwy to include wrapping of tree trunks and limbs
9. Lights in bushes and palms adjacent to Community Center building
10. Hanging cluster lights to the tree canopies of the outer trees adjacent to

Alicia Pkwy and Paseo de Valencia

2. El Toro Medians (2 Identical Medians)

1. Lights around twelve (12) palm trees with uplights
2. Decorations on top of each monument pillar

3. Laguna Hills Entry Monuments and Gazebo Park

1. Entry monument locations:

1. Lake Forest/Moulton
2. Alicia/5 freeway
3. La Paz/5 freeway
4. Oso/Cabot
5. Moulton/Nellie Gail Rd.

2. Decorations shall include the following at each monument:

1. Garland and lights on entry monument signs
 2. Lights wrapped around tree trunk and limbs of trees located in close proximity to entry monument
 3. Hanging lit decorations added to tree canopies of trees located in close proximity to entry monument
3. Lights wrapped around tree canopy (from bottom to top) of trees located in close proximity to entry monument
4. Lighting and decorations on gazebo located at Santa Maria/San Remo

Fiscal Impact:

The budget for this fiscal year is \$120,000, which is the cost of the proposal.

Attachments:

1. Proposed Agreement with The Christmas Light Guy Co.



TERMS AND AGREEMENT

1. TERMS OF AGREEMENT:

- a. The Invoice, dated October 6, 2025 (the "Invoice"), the City of Laguna Hills 2025 Proposal dated October 6, 2025, and the 2025 Holiday Decorations Scope of Work – Request for Quotes dated July 14, 2025, attached hereto as Exhibit "A" and incorporated herein, along with these Terms and Agreement will represent the exclusive agreement ("Lighting Agreement") between Trovao and Associates Inc., dba The Christmas Light Guy Co. ("TCLGC") and The City of Laguna Hills (the "Client").
- b. The term of the Lighting Agreement shall be effective and begin on October 14th, 2025 and remain in effect through the end of the applicable holiday season, on January 31st, 2026.

2. PAYMENT TERMS:

- a. The Client shall pay TCLGC the amount set forth in the invoice with the following terms in mind.
- b. DEPOSIT - a deposit of 50% shall be due once the Invoice and terms are agreed upon.
- c. BALANCE DUE - Client shall pay the remaining balance to TCLGC including any additional billable invoices that were incurred after initial contracting Net30 after the scope of work is completed in full.
- d. CLIENT REFUNDS AND CREDITS - if there is a particular scope of work that cannot be completed due to Client power, construction, change of mind, or any other reason not in the control of TCLGC, TCLGC and the Client in a reasonable timely manner shall re-design, reallocate, or change the scope of work to another item valued at the same cost. Once a price point and invoice is agreed upon by the Client, the Client may not diminish their budget for that holiday season after the fact and request a refund or hold final payment.
- e. CANCELTION POLICY - in the event of a Client cancelation more than 30 days prior to the scheduled installation date, the Client shall forfeit a portion of their deposit amount which will be 25% of their total invoiced amount as a cancelation fee. If the Lighting Agreement is cancelled within 30 days of the installation date the Client shall be responsible for 50% of the invoice amount. If there is custom decor specific for the Client's project that has been ordered or manufactured at the request of Client, the Client will be responsible for 100% of the costs associated with such decor.
- f. OWNERSHIP OF MATERIALS - TCLGC is the sole owner of all materials used on projects with the Client unless otherwise specified on the invoice denoting a purchase, lease to own, Client provided material, or similar. All products are supplied on a rental basis and it is the duty and obligation of the Client and their employees to use their best efforts to protect and ensure decorations and materials are not damaged, or stolen during the rental duration. Once installed on the Client's property, Client shall be responsible for the replacement or repair costs

of materials that are stolen or damaged, excepting normal wear and tear or weather-related damage.

3. SCOPE OF WORK

a. Installation

- i. TCLGC will provide installation using commercially reasonable efforts to complete the installation as described in the scope of work and detailed on the Invoice (the "Project"), attached hereto as Exhibit "A" and incorporated herein. TCLGC will install the Client display no later than November 27th or on an earlier scheduled date agreed upon by TCLGC and the Client. All Non-Daytime decor (trees, bushes, roof lines, etc.) will be installed prior to November 1st and powered off until commencement of lighting display designated by Client. Determination of installation methods will be at the sole discretion of TCLGC. TCLGC shall not be responsible for functionality issues due to electrical system faults or inadequate power availability at the property.

b. Service

- i. TCLGC will use commercially reasonable efforts to ensure all decorations are in working order during the season from the install date to January 1st, 2026. All service calls during the season shall be relayed to TCLGC in writing so there is a trackable date and time stamp on the service call. Please send detailed information about the issue so we can promptly respond and remedy the situation. TCLGC has a 24-48 hour service call response time for issues depending on the severity of the issue and service area. Client is required to change sprinkler run times in areas that lights have been requested. Sprinkler times must be set to start any time after the lights are off and to stop at least 4 hours prior to the lights activating. If there are issues with GFCI's popping and sprinkler times have not been changed Client may experience additional charges for service calls.

c. Removal

- i. All lighting displays will be removed by January 2nd, 2026.

4. CLIENT CHECKLIST AND RESPONSIBILITIES:

- a. Power - Client must provide sufficient power to each location lights are requested to be installed. TCLGC does not always conduct a site survey and it is not included in our pricing, Client is urged to have an electrical evaluation done with their preferred electrical contractor in order to ensure proper working power is available for TCLGC to tie into.
- b. Bubble covers - All outlets should be equipped with In-Use covers to prevent tripping from intruding water threats. TCLGC cannot ensure workability of displays that are connected to outlets without bubble covers, and the Client may incur service call charges.
- c. GFCI - The most common service call is for a tripped GFCI. Client is responsible for first attempting to reset the GFCI before requesting service. NOTE: power must be live to the outlet in order to reset the GFCI button. If an outlet is on a timer or photocell, that device must be activated to allow power to flow to the outlet before trying to reset. If a TCLGC technician is dispatched to repair an issue related to a popped GFCI in the circumstance that is related to a non protected GFCI outlet or a Client related power issue, the Client will be responsible for \$75 per hour including drive time for the repair.
- d. Sprinklers - Sprinkler systems must operate only when the lights are off. Please give 4 hours

of dry time before the lights turn on for the evening. The TCLGC lights used on all projects are outdoor rated but they are not meant to be hit by direct pressurized water. If sprinklers hit lights or outlets, the GFCI will trip and cause light failure.

- e. Tree trimming - Client will have all trees scheduled for lighting within the scope trimmed and ready for installation by the end of September. Trimming trees has several benefits: helps with the speed of install, allows more lights to be visible from guests, allows install technicians to wrap higher and more primary branches offering a better final product for no additional costs to the Client.
- f. Deployed Product During The Season - TCLGC is not responsible for our product or Client owned product that has been stolen, cut, damaged, or destroyed while on the Client's property. Client must offer a safe and secure environment with adequate and sufficient security/supervision to prevent decorations from being stolen or damaged.

5. LEGAL

- a. Notices - all notices and correspondence shall be delivered electronically to TCLGC main customer support email or the appropriate salesperson.
- b. Modification or Waiver - No amendments, modifications or waivers of the Lighting Agreement shall be binding unless both parties agree in writing and both sign an amendment, addendum or new contract.
- c. Severability - The invalidity or unenforceability of any particular provision of the Lighting Agreement shall not affect the other provisions hereof, and this Lighting Agreement shall be construed in all respects as if such invalid or unenforceable provisions were omitted.
- d. Governing Law -The Lighting Agreement shall be constructed and enforced under and in accordance with the laws of the state of California.
- e. Dispute Resolution
 - i. (a) Mediation. In the event a dispute arises between the parties with respect to the Lighting Agreement, the parties agree to first submit such dispute to mediation in Orange County, California, which process shall commence by one party providing written notice to the other party requesting mediation. The mediator shall be selected by mutual agreement of the parties, provided, however, if the parties cannot agree on a mediator, TCLGC shall provide a list of five acceptable mediators to Client and Client shall choose the mediator from such list. The mediator shall conduct the mediation as he/she determines, with the agreement of the parties. The parties shall discuss their differences in good faith and attempt, with the mediator's assistance, to reach an amicable resolution of the dispute. The mediation shall be treated as a settlement discussion and shall therefore be confidential. The mediator may not testify for either party in any later proceeding relating to the dispute. The mediation proceedings shall not be recorded or transcribed. Each party shall bear its own costs in the mediation. The parties shall share equally the fees and expenses of the mediator. If the parties have not resolved a dispute within 90 days after written notice beginning mediation (or a longer period, if the parties agree to extend the mediation), the mediation shall terminate and the dispute shall be settled by arbitration.

(b) Arbitration. If the parties are unable to resolve any dispute through mediation as set forth above, the parties will refer the issue (to the exclusion of a court of law) to final and binding arbitration in Orange County, California in accordance with the then existing Commercial rules ("Rules") of the American Arbitration Association ("AAA"), and judgment upon the award rendered by the arbitrators may be entered in any court having jurisdiction thereof; provided, however, that the law applicable to any controversy shall be the law of the State of California, regardless of principles of conflicts of laws. In any arbitration pursuant to this Lighting Agreement, (i) discovery shall be allowed and governed by the Rules, and (ii) the award or decision shall be rendered by a single arbitrator appointed by mutual agreement of the parties. In the event of failure of the parties to agree within thirty (30) days after the commencement of the arbitration proceeding upon the appointment of the arbitrator, the arbitrator shall be appointed by the AAA in accordance with the Rules. Upon the completion of the selection of the arbitrator, an award or decision shall be rendered within no more than thirty (30) days. Notwithstanding the foregoing, the request by either party for preliminary or permanent injunctive relief, whether prohibitive or mandatory, shall not be subject to arbitration and may be adjudicated only by the courts of the State of California located in Orange County or the Federal District Court for the District of California. EACH PARTY HERETO HEREBY IRREVOCABLY AND UNCONDITIONALLY WAIVES, TO THE FULLEST EXTENT IT MAY LEGALLY AND EFFECTIVELY DO SO, TRIAL BY JURY IN ANY SUIT, ACTION OR PROCEEDING ARISING HEREUNDER. All aspects of the arbitration shall be treated as confidential. The parties and the arbitrator may disclose the existence, content or results of the arbitration only in accordance with the Rules or applicable professional standards.

6. INSURANCE

6.1 Compliance with Insurance Requirements. TCLGC shall obtain, maintain, and keep in full force and effect during the term of this Lighting Agreement, at its sole cost and expense, and in a form and content satisfactory to Client, all insurance required under this section. TCLGC shall not commence any Project services or work under this Lighting Agreement unless and until it has provided evidence satisfactory to Client that it has secured all insurance required under this section. If TCLGC's existing insurance policies do not meet the insurance requirements set forth herein, TCLGC agrees to amend, supplement or endorse the policies to do so.

6.2 Types of Insurance Required. As a condition precedent to the effectiveness of this Lighting Agreement, and without limiting the indemnity provisions set forth in this Lighting Agreement, TCLGC shall obtain and maintain in full force and effect during the term of this Lighting Agreement, including any extension thereof, the following policies of insurance:

A. Commercial General Liability Insurance. TCLGC shall obtain and maintain, in full force and effect throughout the term of this Lighting Agreement, a policy of Commercial General Liability Insurance written on an occurrence basis with limits of at least one million dollars (\$1,000,000.00) per occurrence, two million dollars (\$2,000,000.00) in the general aggregate, and one million dollars (\$1,000,000.00) for products and completed operations. Defense costs shall be paid in addition to the limits. The policy shall contain no endorsements or provisions limiting coverage for (1) contractual liability; (2) cross liability exclusion for claims or suits by one insured against another; or (3) contain any other exclusion contrary to the Lighting Agreement.

B. Automobile Liability Insurance. TCLGC shall obtain and maintain, in full force and

effect throughout the term of this Lighting Agreement, a policy of Automobile Liability Insurance written on a per occurrence basis with limits of at least one million dollars (\$1,000,000.00) combined limit for each occurrence covering bodily injury and property damage. The policy shall specifically include coverage for owned, non-owned, leased, and hired automobiles.

- C. Workers' Compensation Insurance. TCLGC shall obtain and maintain, in full force and effect throughout the term of this Lighting Agreement, a policy of Workers' Compensation Insurance in at least the minimum statutory amounts, and in compliance with all other statutory requirements, as required by the State of California. TCLGC agrees to waive and obtain endorsements from its workers' compensation insurer waiving all subrogation rights under its workers' compensation insurance policy against the Client, its officials, officers, employees, agents and volunteers, and to require each of its sub consultants and subcontractors, if any, to do likewise under their workers' compensation insurance policies. TCLGC shall obtain and maintain, in full force and effect throughout the term of this Lighting Agreement, a policy of Employer's Liability Insurance written on a per occurrence basis with limits of at least one million dollars (\$1,000,000.00) per accident for bodily injury or disease.

6.3 Acceptability of Insurers. Insurance required by this section shall be issued by a licensed company authorized to transact business in the state by the Department of Insurance for the State of California with a current rating of A-:VII or better (if an admitted carrier), or a current rating of A:X or better (if offered by a non-admitted insurer listed on the State of California List of Approved Surplus Lines Insurers (LASLI), by the latest edition of A.M. Best's Key Rating Guide, except that the Client will accept workers' compensation insurance from the State Compensation Fund. In the event the Client determines that the Project work or services to be performed under this Lighting Agreement creates an increased or decreased risk of loss to the Client, TCLGC agrees that the minimum limits of the insurance policies may be changed accordingly upon receipt of written notice from the Client. TCLGC shall immediately substitute any insurer whose A.M. Best rating drops below the levels specified herein.

6.4 Insurance Endorsements. Required insurance policies shall not be in compliance if they include any limiting provision or endorsement that has not been submitted to the Client for written approval. Required insurance policies shall contain the following provisions, or TCLGC shall provide endorsements on forms approved by the Client to add the following provisions to the insurance policies:

- A. The policy or policies of insurance required by this section for Commercial General Liability and Automobile Liability Insurance shall be endorsed to provide the following:
1. Additional Insured: The Client, its officials, officers, employees, agents and volunteers, shall be additional insureds with regard to liability and defense of suits or claims arising out of the performance of the Lighting Agreement; and
 2. Additional Insured Endorsements: Additional insured endorsements shall not (1) be restricted to "ongoing operations", (2) exclude "contractual liability", (3) restrict coverage to "sole" liability of TCLGC, or (4) contain any other exclusions contrary to the Lighting Agreement; and, the coverage shall contain no special limitations on the scope of protection afforded to additional insureds.
 3. Notice: The policy or policies of insurance required by this section for Commercial General Liability and Automobile Liability Insurance shall be endorsed to state that coverage shall not be suspended, voided, cancelled, or modified, or reduced in coverage or in limits, except after thirty (30) days prior

written notice by First Class U.S. Mail, postage-prepaid, has been provided to the Client. Notwithstanding the foregoing, if coverage is to be suspended, voided, or cancelled because of TCLGC's failure to pay the insurance premium, the notice provided to Client shall be by ten (10) days prior written notice.

B. For all policies of Commercial General Liability Insurance, TCLGC shall provide endorsements for ongoing operations and completed operations to effectuate this requirement.

- 6.5 Deductibles and Self-Insured Retentions.** Any deductible or self-insured retention must be approved in writing by the Client in advance and shall protect the Client, its officials, officers, employees, agents and volunteers, in the same manner and to the same extent as they would have been protected had the policy or policies not contained a deductible or self-insured retention.
- 6.6 Primary and Non-Contributing Insurance.** All policies of Commercial General Liability Insurance and Automobile Liability Insurance shall be primary and any other insurance, deductible, or self-insurance maintained by the Client, its officials, officers, employees, agents or volunteers, shall not contribute with this primary insurance. Policies shall contain or be endorsed to contain such provisions.
- 6.7 Waiver of Subrogation.** All policies of Commercial General Liability and Automobile Liability Insurance shall contain or be endorsed to waive subrogation against the Client, its officials, officers, employees, agents and volunteers, or shall specifically allow TCLGC or others providing insurance evidence in compliance with the requirements set forth in this section to waive their right to recovery prior to a loss. TCLGC hereby agrees to waive its own right of recovery against the Client, its officials, officers, employees, agents and volunteers, and TCLGC hereby agrees to require similar written express waivers and insurance clauses from each of its sub consultants or subcontractors.
- 6.8 Evidence of Coverage.** Concurrently with the execution of the Lighting Agreement, TCLGC shall deliver certificates of insurance together with original endorsements affecting each of the insurance policies required by this section. Required insurance policies shall not be in compliance if they include any limiting provision or endorsement that has not been submitted to the Client for written approval. The certificates of insurance and original endorsements for each insurance policy shall be signed by a person authorized by that insurer to bind coverage on its behalf. At least fifteen (15) days prior to the expiration of any such policy, evidence of insurance showing that such insurance coverage has been renewed or extended shall be filed with the Client. If such coverage is cancelled or reduced and not replaced immediately so as to avoid a lapse in the required coverage, TCLGC shall, within ten (10) days after receipt of written notice of such cancellation or reduction of coverage, file with the Client evidence of insurance showing that the required insurance has been reinstated or has been provided through another insurance company or companies. TCLGC shall promptly furnish, at Client's request, copies of actual policies including all declaration pages, endorsements, exclusions and any other policy documents Client requires to verify coverage.
- 6.9 Requirements Not Limiting.** Requirements of specific coverage or minimum limits contained in this section are not intended as a limitation on coverage, limits, or other requirements, or a waiver of any coverage normally provided by any insurance. Nothing in this section shall be construed as limiting in any way the indemnification provision contained in this Lighting Agreement, or the extent to which TCLGC may be held responsible for payments of damages

to persons or property.

6.10 Enforcement of Agreement (Non-Estoppe). TCLGC acknowledges and agrees that actual or alleged failure on the part of the Client to inform TCLGC of any non-compliance with any of the insurance requirements set forth in this section imposes no additional obligation on the Client nor does it waive any rights hereunder.

6.11 Insurance for Subconsultants. TCLGC shall either: (1) include all subconsultants or subcontractors engaged in any Project work or services for TCLGC relating to this Lighting Agreement as additional named insureds under the TCLGC's insurance policies; or (2) TCLGC shall be responsible for causing its subconsultants or subcontractors to procure and maintain the appropriate insurance in compliance with the terms of the insurance requirements set forth in this section, including adding the Client, its officials, officers, employees, agents and volunteers, as additional insureds to their respective policies. All policies of Commercial General Liability Insurance provided by TCLGC's subconsultants or subcontractors performing any Project work or services related to this Lighting Agreement shall be endorsed to name the Client, its officials, officers, employees, agents and volunteers, as additional insureds. TCLGC shall not allow any subconsultants or subcontractors to commence any Project work or services relating to this Lighting Agreement unless and until it has provided evidence satisfactory to Client that the subconsultant or subcontractor has secured all insurance required under this section.

6.12 Other Insurance Requirements. The following terms and conditions shall apply to the insurance policies required of TCLGC pursuant to this Lighting Agreement:

- A. TCLGC shall provide immediate written notice to Client if (1) any of the insurance policies required herein are terminated, cancelled or suspended, (2) the limits of any of the insurance coverages required herein are reduced, or (3) the deductible or self-insured retention is increased.
- B. All insurance coverage and limits provided by TCLGC and available or applicable to this Lighting Agreement are intended to apply to each insured, including additional insureds, against whom a claim is made or suit is brought to the full extent of the policies. Nothing contained in this Lighting Agreement or any other agreement relating to the Client or its operations shall limit the application of such insurance coverage.
- C. None of the insurance coverages required herein will be in compliance with the requirements of this section if they include any limiting endorsement which substantially impairs the coverages set forth herein (e.g., elimination of contractual liability or reduction of discovery period), unless the endorsement has first been submitted to the Client and approved in writing.
- D. Certificates of insurance will not be accepted in lieu of required endorsements, and submittal of certificates without required endorsements may delay commencement of the Project. It is TCLGC's obligation to ensure timely compliance with all insurance submittal requirements as provided herein.
- E. TCLGC agrees to ensure that subconsultants and subcontractors, if any, and any other parties involved with the Project who are brought onto or involved in the Project by TCLGC, provide the same minimum insurance coverage required of TCLGC. TCLGC agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this

section. TCLGC agrees that upon request, all agreements with subcontractors and others engaged in the Project will be submitted to the Client for review.

- F. TCLGC agrees to provide immediate written notice to Client of any claim, demand or loss against TCLGC arising out of the Project work or services performed under this Lighting Agreement and for any other claim, demand or loss which may reduce the insurance available to pay claims, demands or losses arising out of this Lighting Agreement.

7. INDEMNIFICATION

To the fullest extent permitted by law, TCLGC shall defend (at TCLGC's sole cost and expense with legal counsel reasonably acceptable to Client), indemnify, protect, and hold harmless Client, its officials, officers, employees, agents and volunteers (collectively the "Indemnified Parties"), from and against any and all liabilities, actions, suits, claims, demands, losses, costs, judgments, arbitration awards, settlements, damages, demands, orders, penalties, and expenses including legal costs and attorney fees (collectively "Claims"), including but not limited to Claims arising from injuries to or death of persons (TCLGC's employees included), for damage to property, including property owned by Client, or from any violation of any federal, state, or local law or ordinance, which Claims arise out of, pertain to, or are related to TCLGC's performance under this Lighting Agreement. Under no circumstances shall the insurance requirements and limits set forth in this Lighting Agreement be construed to limit TCLGC's indemnification obligation or other liability hereunder.

8. ENTIRE LIGHTING AGREEMENT

This Lighting Agreement constitutes the entire Lighting Agreement between the parties hereto and supersedes all prior negotiations, arrangements, representations, or understandings, if any, made by or among the parties with respect to the subject matter hereof. No amendments or other modifications of this Lighting Agreement shall be binding unless executed in writing by both parties hereto, or their respective successors, assigns, or grantees.

9. NO DURESS

This Lighting Agreement has been entered into without force or duress, signing at free will of the Client and each party involved. The Client has had free will with a clear decision to enter into this Lighting Agreement as a fully informed decision and such persons/companies/or clients are aware of all legal verbiage and has complete understanding of all listed contractual terms and agreements.

I THE UNDERSIGNED AGREE IN FULL WITH ALL THE TERMS AND CONDITIONS LAID OUT IN THE ATTACHED DOCUMENTS AND INVOICES. I THE UNDERSIGNED AM QUALIFIED ON BEHALF OF SELF, CLIENT, OR THE PROPERTY/COMPANY TO ENTER INTO SUCH CONTRACT.

[Signatures on Next Page]

“Client”

City of Laguna Hills,
a California municipal corporation

JOE AMES,
Interim City Manager

ATTEST:

(SEAL)

JENNIFER LEE,
City Clerk

APPROVED AS TO FORM:

GREGORY E. SIMONIAN,
City Attorney

“TCLGC”

**Trovao and Associates, Inc. dba The
Christmas Light Guy, Co.**

Signed by:

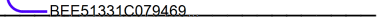
By:  BEE51331C079469
FRANK TROVAO,
President

Exhibit A
Scope of Work



The Christmas Light Guy Co.
7542 Santa Rita Circle | Stanton, California 90680
8883788722 | Andrea@thechristmaslightguyco.com | www.thechristmaslightguyco.com

RECIPIENT:

City of Laguna Hills
25555 Alicia Parkway
Laguna Hills, California 92653

Invoice #14	
Issued	Oct 06, 2025
Due	Oct 21, 2025
Total	\$120,000.00
Account Balance	\$120,000.00

2025 Holiday Lighting & Decor

Product/Service	Description	Qty.	Unit Price	Total
Services	2025 Holiday Lighting and Decor Services per Contract Agreement	1	\$120,000.00	\$120,000.00*

* Non-taxable

Thank you for your business. Please contact us with any questions regarding this invoice.

Total	\$120,000.00
Account balance	\$120,000.00

2025 PROPOSAL

Rental, Installation, Removal - Monument Décor - (5) Entry Monuments decorated with garland and lighting.

\$250.00	per monument	x	5	=	\$1,250.00
----------	--------------	---	---	---	------------

Rental, Installation, Removal - (14) Trees (Trunks & Branches) wrapped with Cool White LED Mini Lights and (8) LED Starburst lights

*Locations:	\$950.00	per tree	x	14	=	\$13,300.00
-------------	----------	----------	---	----	---	-------------

Moulton/Lake Forest (1 Tree)

Moulton/Nellie Gail (4 Tree)

Alicia/5 Freeway (2 Trees)

La Paz/Cabot (3 Trees)

Oso/Cabot (4 Trees)

Rental, Installation, Removal - Palm Tree Wrap - (12) Palm Trees (trunks) wrapped with Cool White LED Mini Lights.

*El Toro Medians(identical)

\$280.00	per tree	x	12	=	\$3,360.00
----------	----------	---	----	---	------------

Rental, Installation, Removal - Median Pillar Décor - (8) Median Pillars with LED Décor

*El Toro Medians(identical)

\$2,000.00	per pillar	x	8	=	\$16,000.00
------------	------------	---	---	---	-------------

Rental, Installation, Removal - Gazebo Lighting - 90 ft of LED Lit Garland

*Gazebo Park at Santa Maria/San Remo

\$250.00	per pc	x	10	=	\$2,500.00
----------	--------	---	----	---	------------

Rental, Installation, Removal - C9 Perimeter Lighting - along Community Center Roofline (add in ft)

\$4.90	per ft	x	1937	=	\$9,491.30
--------	--------	---	------	---	------------

Rental, Installation, Removal - Window/Door Décor (wreaths, snowflakes, other décor)

\$1,250.00	per 72" wreath	x	1	=	\$1,250.00
------------	----------------	---	---	---	------------

\$850.00	per 60" wreath	x	2	=	\$1,700.00
----------	----------------	---	---	---	------------

Rental, Installation, Removal - LED Lights wrapped around (2) Columns

\$320.00	per columns	x	2	=	\$640.00
----------	-------------	---	---	---	----------

Rental, Installation, Removal - Plaza Planter Area 1 (includes bush lighting, small palm trees)

\$40.00	per strand	x	33	=	\$1,320.00
---------	------------	---	----	---	------------

Rental, Installation, Removal - Plaza Planter Area 2 (includes bush lighting, small palm trees)

\$40.00	per strand	x	20	=	\$800.00
---------	------------	---	----	---	----------

Rental, Installation, Removal - 18' City Christmas Tree Decor - LED Warm White Mini Lights - 100ct

\$45.00	per strand	x	25	=	\$1,125.00
---------	------------	---	----	---	------------

<i>Rental, Installation, Removal - 18' City Christmas Tree Decor - Ornament Package</i>						
\$2,500.00	each	x	1	=		\$2,500.00
<i>Rental, Installation, Removal - Tree Lighting Ceremony Light Switch</i>						
\$350.00	per light switch	x	1	=		\$350.00
<i>Rental, Installation, Removal - Tree Wrap - (8) Plaza Area Trees in tree wells (4 strands each)</i>						
*Plaza Trees (tree wells)						
\$160.00	per tree	x	8	=		\$1,280.00
<i>Rental, Installation, Removal - Tree Wrap - (12) Trees wrapped with Cool White LED Mini Lights. (6 strands each)</i>						
*adjacent to Alicia Pkwy and Paseo de Valencia						
\$240.00	per tree	x	12	=		\$2,880.00
<i>Rental, Installation, Removal - Tree Wrap - (7) Trees (trunks and canopies) with Cool White LED Mini Lights - (14 strands each)</i>						
*both sides Community Center Dr entry						
\$560.00	per tree	x	7	=		\$3,920.00
<i>Rental, Installation, Removal - Monument Décor - (4) Monument Pillars with LED Lit Décor</i>						
*Paseo de Valencia/Alicia Pkwy						
\$2,000.00	per monument	x	4	=		\$8,000.00
<i>Rental, Installation, Removal - Large Décor - Warm White Steady LED Walk-thru Display - Happy Holidays Lasso</i>						
*Plaza						
\$12,000.00	each	x	1	=		\$12,000.00
<i>Rental, Design, Installation, Removal - Warm White Steady Cowboy Hat with Lasso along Waterfall monument</i>						
\$2,500.00	each	x	1	=		\$2,500.00
<i>Rental, Design, Installation, Removal - 6' Warm White Steady Star</i>						
\$2,000.00	each	x	1	=		\$2,000.00
<i>Rental, Design, Installation, Removal - Warm White Steady Stable Fencing walkway between Tree well trees</i>						
\$400.00	each	x	8	=		\$3,200.00
<i>Rental, Design, Installation, Removal - Tree Lighting - Additional fee to upgrade to RGB Lights - add in all plaza trees, columns, wreaths, 18' Christmas Tree,</i>						
\$40.00	per strand	x	198	=		\$7,920.00
<i>Rental, Design, Installation, Removal - Light Show - Holiday Light show synchronized to music.</i>						
* Includes: C9 RGB Front of building perimeter lighting (dancing - white lights), plaza tree, columns, bush, wreath lights, 18' Tree lights,(RGB color changing) and audio						
\$23,500.00	each	x	1	=		\$23,500.00
Subtotal:						\$122,786.30
Discount:						\$ 2,786.30
<u>Proposal Total:</u>						\$120,000.00



UPDATED: Synchronized Holiday Light Show

Each 7–10 minute animated performance will run every 30 minutes from 5:00 PM to 9:00 PM nightly, offering the community repeated opportunities to enjoy a magical, professionally programmed show. The installation will include one shows set to different festive musical selections (presented in advance for City approval), with all lighting and audio perfectly synchronized.

Show Overview

- One musical programs, each choreographed to high-energy RGB/Warm White flashing animations
- Full outdoor audio system included, professionally installed and optimized for plaza coverage
- Automated show playback running every 30 minutes from 5:00 PM–9:00 PM
- Custom musical selections submitted for City review and approval prior to programming
- Immersive RGB lighting design, combining color changing with warm white flashing
- Integration across plaza elements including trees, rooflines, and pathways

Featured Elements – Warm White Static Elements

Custom Warm White Stable Fence Display – Along Tree Well

- A decorative custom-built fence prop wrapped in warm white lighting, positioned along the tree well area
- Designed as a thematic nod to the city’s equestrian heritage

12’ Warm White Archway Sign (“Happy Holidays”) – LED Walk-Thru Display

- Warm white mode

3D Ground 6’ Warm White Star Sculpture

- Slow rotating effect

Oversized Cowboy Hat & Lasso Display – Warm White Fountain Wall

- Oversized cowboy hat with swirling lasso mounted along the top of the fountain wall
- Serves as a bold visual centerpiece and playful nod to the City’s Western heritage

Plaza-Wide RGB Integration

Lighting elements throughout the plaza will be synchronized and animated to create a cohesive, immersive experience:

- **C9 RGB Roofline Perimeter Lights** – Outlining the front perimeter (plaza facing) Community Center building, programmed with flowing chases, twinkles, and rhythm-driven flashes
- **RGB Wreaths on Entrance Windows** – Shift between soft white shimmer and bold RGB colors to complement the musical score
- **RGB Column Lighting at Main Entrance** – Wrapped columns pulse vertically and rhythmically in coordination with the music’s tempo
- **Plaza Planter Areas 1 & 2** – Small palm trees and bushes animated with vibrant color sequences and sparkle bursts
- **18’ Decorated City Tree** – Upgraded to RGB with custom programming, becoming a central beacon of color, sparkle, and wave effects during the show

The Christmas Light Guy Company | 7542 Santa Rita Circle, Stanton, CA 90680
P (888) 378-8722 | E andrea@thexchristmaslightguyco.com | www.thexchristmaslightguyco.com



- **(8) Plaza Trees in Tree Wells** – Fully RGB-wrapped trees shimmer, trace, and pulse, reinforcing musical transitions and enhancing the show’s spatial rhythm
- **(12) RGB Trees Along Alicia Pkwy & Paseo de Valencia** – These perimeter trees, formerly static cool white, are now fully RGB-enabled. Their lighting will:
 - Dance and animate with the core musical show
 - Create a dynamic visual border viewable from nearby roadways
 - Tie the outer perimeter visually back into the heart of the show

Audio & Playback System

- Outdoor-rated, high-quality audio equipment
 - Timed controller set to trigger shows automatically every 30 minutes
 - Audio and lighting sequences are perfectly synced for a high-impact viewer experience
-



**CITY OF LAGUNA HILLS
HOLIDAY LIGHTING AND DECORATION SERVICES**

Proposal Due Date: August 1st, 2025

Contact Person:

Holland Gannon, Community Services Director

hgannon@lagunahillsca.gov

949-707-2686

I. INTRODUCTION

The City of Laguna Hills is soliciting quotes (proposals) from qualified vendors for the design, installation, maintenance, and removal of holiday lighting and decorations at various locations throughout the City. The City seeks festive, professional, and visually impressive lighting displays that will enhance community spirit during the holiday season.

The City is requesting three distinct proposals:

- **Proposal A:** Lights at Entry Monuments Only
- **Proposal B:** Lights at Entry Monuments + Static Display at Community Center
- **Proposal C:** Lights at Entry Monuments + Light Show at Community Center

Vendors may submit proposals for one, two, or all three options. Each proposal will be evaluated independently.

The budget for 2025 Holiday Light Decorations is \$120,000.

II. PROPOSAL A – ENTRY MONUMENTS ONLY

Scope of Work:

1. Laguna Hills Entry Monuments and Gazebo Park

- **Garland & Lights:** Decorate all 5 Entry Monument signs with garland and lighting.
- **Tree Decoration Requirements (per location):**
 - Trunk and branch wrapping with cool white string lighting
 - Canopy lighting and hanging light decorations (e.g., starbursts, drip lights)
 - Lift and traffic coordination with Public Works as required

Location	Number of Trees
Moulton/Lake Forest	1
Moulton/Nellie Gail	4
Alicia/5 Freeway	2
La Paz/Cabot	3
Oso/Cabot	4

2. El Toro Medians (2 Identical Medians)

- Wrap palm tree trunks with cool white lights (6 palms per median)
- Install lighted decorations on 4 pillars per median

3. Gazebo Park (Santa Maria/San Remo)

- Decorate gazebo with holiday lights

III. PROPOSAL B – ENTRY MONUMENTS + STATIC DISPLAY AT COMMUNITY CENTER

Includes all work in **Proposal A**, plus the following additions at the **Laguna Hills Community Center (25555 Alicia Pkwy)**:

Static Display Scope of Work:

- a) Lighting along building roofline
- b) Wreaths, snowflakes, or other holiday-themed decorations on front entrance doors/windows
- c) Install lighting on bushes, trees, and small palm trees in plaza area planters
- d) Decorate 18’ tall City outdoor Christmas tree:
 - Warm white string lights (with option to add multi-color/twinkle lights)
 - Ornaments
 - Light switch prop for tree lighting ceremony with City Council
- e) Tree lighting adjacent to:
 - Alicia Parkway (cool white lights)
 - Paseo de Valencia (cool white lights)
- f) Trees on both sides of Community Center Drive entry:
 - Wrap trunks and canopies as in “Entry Monument Light Coverage Examples”
- g) Lit holiday decorations on monument pillars at corner of PDV/Alicia
- h) One large walk-through lit decoration piece in plaza area

IV. PROPOSAL C – ENTRY MONUMENTS + LIGHT SHOW AT COMMUNITY CENTER

Includes all work in **Proposal A and B**, plus a **synchronized light show** in the Community Center plaza area.

Light Show Scope of Work:

i) Design and install a holiday light show synchronized to music:

- Include additional lighted decorations, lights, and professional audio equipment
- Use plaza area trees (eight in tree wells) for light show lighting
- When not active, lights must remain static
- Include decorations within plaza area that integrate with the show

ii) Show Schedule:

- Duration: 7–10 minutes per show
- Frequency: Every 30 minutes from 5:00 PM to 9:00 PM
- Program two alternating shows with different musical selections

V. GENERAL REQUIREMENTS (Applies to All Proposals)

- Provide traffic control, including traffic control plans, for the installation and removal of lights. Obtain a no-fee City encroachment permit from the Public Works Department prior to implementation of traffic control.
- All lighting must be LED
- Timers or automation must be included for lighting control
- Contractor shall be responsible for maintenance and repair during the display period
- Lights must be installed by November 27th. Lights will be turned on at all locations from November 28, 2025-December 28, 2025. Lights must be removed by January 2, 2026.
- Contractor must have experience with municipal-scale holiday lighting
- Insurance, bonding, and appropriate certifications required

INSURANCE

- Compliance with Insurance Requirements. VENDOR shall obtain, maintain, and keep in full force and effect during the term of this Lighting Agreement, at its sole cost and expense, and in a form and content satisfactory to Client, all insurance required under this section. VENDOR shall not commence any Project services or work under this Lighting Agreement unless and until it has provided evidence satisfactory to Client that it has secured all insurance required under this section. If VENDOR's existing insurance policies do not meet the insurance requirements set forth herein, VENDOR agrees to amend, supplement or endorse the policies to do so.

- Types of Insurance Required. As a condition precedent to the effectiveness of this Lighting Agreement, and without limiting the indemnity provisions set forth in this Lighting Agreement, VENDOR shall obtain and maintain in full force and effect during the term of this Lighting Agreement, including any extension thereof, the following policies of insurance:
 - Commercial General Liability Insurance. VENDOR shall obtain and maintain, in full force and effect throughout the term of this Lighting Agreement, a policy of Commercial General Liability Insurance written on an occurrence basis with limits of at least one million dollars (\$1,000,000.00) per occurrence, two million dollars (\$2,000,000.00) in the general aggregate, and one million dollars (\$1,000,000.00) for products and completed operations. Defense costs shall be paid in addition to the limits. The policy shall contain no endorsements or provisions limiting coverage for (1) contractual liability; (2) cross liability exclusion for claims or suits by one insured against another; or (3) contain any other exclusion contrary to the Lighting Agreement.
 - Automobile Liability Insurance. VENDOR shall obtain and maintain, in full force and effect throughout the term of this Lighting Agreement, a policy of Automobile Liability Insurance written on a per occurrence basis with limits of at least one million dollars (\$1,000,000.00) combined limit for each occurrence covering bodily injury and property damage. The policy shall specifically include coverage for owned, non-owned, leased, and hired automobiles.
 - Workers' Compensation Insurance. VENDOR shall obtain and maintain, in full force and effect throughout the term of this Lighting Agreement, a policy of Workers' Compensation Insurance in at least the minimum statutory amounts, and in compliance with all other statutory requirements, as required by the State of California. VENDOR agrees to waive and obtain endorsements from its workers' compensation insurer waiving all subrogation rights under its workers' compensation insurance policy against the Client, its officials, officers, employees, agents and volunteers, and to require each of its sub consultants and subcontractors, if any, to do likewise under their workers' compensation insurance policies. VENDOR shall obtain and maintain, in full force and effect throughout the term of this Lighting Agreement, a policy of Employer's Liability Insurance written on a per occurrence basis with limits of at least one million dollars (\$1,000,000.00) per accident for bodily injury or disease.
- Acceptability of Insurers. Insurance required by this section shall be issued by a licensed company authorized to transact business in the state by the Department of Insurance for the State of California with a current rating of A-:VII or better (if an admitted carrier), or a current rating of A:X or better (if offered by a non-admitted insurer listed on the State of California List of Approved Surplus Lines Insurers (LASLI), by the latest edition of A.M. Best's Key Rating Guide, except that the Client will accept workers' compensation insurance from the State Compensation Fund. In the event the Client determines that the Project work or services to be performed under this Lighting Agreement creates an increased or decreased risk of loss to the Client, VENDOR agrees that the minimum

limits of the insurance policies may be changed accordingly upon receipt of written notice from the Client. VENDOR shall immediately substitute any insurer whose A.M. Best rating drops below the levels specified herein.

- Insurance Endorsements. Required insurance policies shall not be in compliance if they include any limiting provision or endorsement that has not been submitted to the Client for written approval. Required insurance policies shall contain the following provisions, or VENDOR shall provide endorsements on forms approved by the Client to add the following provisions to the insurance policies:
 - The policy or policies of insurance required by this section for Commercial General Liability and Automobile Liability Insurance shall be endorsed to provide the following:
 - Additional Insured: The Client, its officials, officers, employees, agents and volunteers, shall be additional insureds with regard to liability and defense of suits or claims arising out of the performance of the Lighting Agreement; and
 - Additional Insured Endorsements: Additional insured endorsements shall not (1) be restricted to “ongoing operations”, (2) exclude “contractual liability”, (3) restrict coverage to “sole” liability of VENDOR, or (4) contain any other exclusions contrary to the Lighting Agreement; and, the coverage shall contain no special limitations on the scope of protection afforded to additional insureds.
 - Notice: The policy or policies of insurance required by this section for Commercial General Liability and Automobile Liability Insurance shall be endorsed to state that coverage shall not be suspended, voided, cancelled, or modified, or reduced in coverage or in limits, except after thirty (30) days prior written notice by First Class U.S. Mail, postage-prepaid, has been provided to the Client. Notwithstanding the foregoing, if coverage is to be suspended, voided, or cancelled because of VENDOR’s failure to pay the insurance premium, the notice provided to Client shall be by ten (10) days prior written notice.
 - For all policies of Commercial General Liability Insurance, VENDOR shall provide endorsements for ongoing operations and completed operations to effectuate this requirement.
- Deductibles and Self-Insured Retentions. Any deductible or self-insured retention must be approved in writing by the Client in advance and shall protect the Client, its officials, officers, employees, agents and volunteers, in the same manner and to the same extent as they would have been protected had the policy or policies not contained a deductible or self-insured retention.
- Primary and Non-Contributing Insurance. All policies of Commercial General Liability Insurance and Automobile Liability Insurance shall be primary and any other insurance, deductible, or self-insurance maintained by the Client, its officials, officers, employees, agents or volunteers, shall not contribute with this primary insurance. Policies shall contain or be endorsed to contain such provisions.

- Waiver of Subrogation. All policies of Commercial General Liability and Automobile Liability Insurance shall contain or be endorsed to waive subrogation against the Client, its officials, officers, employees, agents and volunteers, or shall specifically allow VENDOR or others providing insurance evidence in compliance with the requirements set forth in this section to waive their right to recovery prior to a loss. VENDOR hereby agrees to waive its own right of recovery against the Client, its officials, officers, employees, agents and volunteers, and VENDOR hereby agrees to require similar written express waivers and insurance clauses from each of its sub consultants or subcontractors.
- Evidence of Coverage. Concurrently with the execution of the Lighting Agreement, VENDOR shall deliver certificates of insurance together with original endorsements affecting each of the insurance policies required by this section. Required insurance policies shall not be in compliance if they include any limiting provision or endorsement that has not been submitted to the Client for written approval. The certificates of insurance and original endorsements for each insurance policy shall be signed by a person authorized by that insurer to bind coverage on its behalf. At least fifteen (15) days prior to the expiration of any such policy, evidence of insurance showing that such insurance coverage has been renewed or extended shall be filed with the Client. If such coverage is cancelled or reduced and not replaced immediately so as to avoid a lapse in the required coverage, VENDOR shall, within ten (10) days after receipt of written notice of such cancellation or reduction of coverage, file with the Client evidence of insurance showing that the required insurance has been reinstated or has been provided through another insurance company or companies. VENDOR shall promptly furnish, at Client's request, copies of actual policies including all declaration pages, endorsements, exclusions and any other policy documents Client requires to verify coverage.
- Requirements Not Limiting. Requirements of specific coverage or minimum limits contained in this section are not intended as a limitation on coverage, limits, or other requirements, or a waiver of any coverage normally provided by any insurance. Nothing in this section shall be construed as limiting in any way the indemnification provision contained in this Lighting Agreement, or the extent to which VENDOR may be held responsible for payments of damages to persons or property.
- Enforcement of Agreement (Non-Estoppel). VENDOR acknowledges and agrees that actual or alleged failure on the part of the Client to inform VENDOR of any non-compliance with any of the insurance requirements set forth in this section imposes no additional obligation on the Client nor does it waive any rights hereunder.
- Insurance for Subconsultants. VENDOR shall either: (1) include all subconsultants or subcontractors engaged in any Project work or services for VENDOR relating to this Lighting Agreement as additional named insureds under the VENDOR's insurance policies; or (2) VENDOR shall be responsible for causing its subconsultants or subcontractors to procure and maintain the appropriate insurance in compliance with the terms of the insurance requirements set forth in this section, including adding the Client, its officials, officers, employees, agents and volunteers, as additional insureds to their respective policies. All policies of Commercial General Liability Insurance provided by VENDOR's subconsultants or subcontractors performing any Project work or services

related to this Lighting Agreement shall be endorsed to name the Client, its officials, officers, employees, agents and volunteers, as additional insureds. VENDOR shall not allow any subconsultants or subcontractors to commence any Project work or services relating to this Lighting Agreement unless and until it has provided evidence satisfactory to Client that the subconsultant or subcontractor has secured all insurance required under this section.

- Other Insurance Requirements. The following terms and conditions shall apply to the insurance policies required of VENDOR pursuant to this Lighting Agreement:
 - VENDOR shall provide immediate written notice to Client if (1) any of the insurance policies required herein are terminated, cancelled or suspended, (2) the limits of any of the insurance coverages required herein are reduced, or (3) the deductible or self-insured retention is increased.
 - All insurance coverage and limits provided by VENDOR and available or applicable to this Lighting Agreement are intended to apply to each insured, including additional insureds, against whom a claim is made or suit is brought to the full extent of the policies. Nothing contained in this Lighting Agreement or any other agreement relating to the Client or its operations shall limit the application of such insurance coverage.
 - None of the insurance coverages required herein will be in compliance with the requirements of this section if they include any limiting endorsement which substantially impairs the coverages set forth herein (e.g., elimination of contractual liability or reduction of discovery period), unless the endorsement has first been submitted to the Client and approved in writing.
 - Certificates of insurance will not be accepted in lieu of required endorsements, and submittal of certificates without required endorsements may delay commencement of the Project. It is VENDOR's obligation to ensure timely compliance with all insurance submittal requirements as provided herein.
 - VENDOR agrees to ensure that subconsultants and subcontractors, if any, and any other parties involved with the Project who are brought onto or involved in the Project by VENDOR, provide the same minimum insurance coverage required of VENDOR. VENDOR agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. VENDOR agrees that upon request, all agreements with subcontractors and others engaged in the Project will be submitted to the Client for review.
 - VENDOR agrees to provide immediate written notice to Client of any claim, demand or loss against VENDOR arising out of the Project work or services performed under this Lighting Agreement and for any other claim, demand or loss which may reduce the insurance available to pay claims, demands or losses arising out of this Lighting Agreement.
- **INDEMNIFICATION**
 - To the fullest extent permitted by law, VENDOR shall defend (at VENDOR's sole cost and expense with legal counsel reasonably acceptable to Client), indemnify,

protect, and hold harmless Client, its officials, officers, employees, agents and volunteers (collectively the “Indemnified Parties”), from and against any and all liabilities, actions, suits, claims, demands, losses, costs, judgments, arbitration awards, settlements, damages, demands, orders, penalties, and expenses including legal costs and attorney fees (collectively “Claims”), including but not limited to Claims arising from injuries to or death of persons (VENDOR’s employees included), for damage to property, including property owned by Client, or from any violation of any federal, state, or local law or ordinance, which Claims arise out of, pertain to, or are related to VENDOR’s performance under this Lighting Agreement. Under no circumstances shall the insurance requirements and limits set forth in this Lighting Agreement be construed to limit VENDOR’s indemnification obligation or other liability hereunder.

VI. SUBMISSION REQUIREMENTS

Please include the following in your proposal:

1. Company profile and relevant experience
2. Detailed scope of work for each proposal (A, B, and/or C)
3. Conceptual lighting plan, sketches, and photos of past work
4. Project timeline
5. Itemized cost breakdown by proposal and location
6. Warranty and maintenance plan
7. Proof of insurance and licenses
8. Three references from similar projects

VII. SELECTION CRITERIA

Proposals will be evaluated based on:

- Creativity and quality of design
- Experience and qualifications
- References and past performance
- Cost-effectiveness
- Timeline feasibility
- Maintenance and warranty service

Please submit proposals and inquiries by August 1, 2025 to:

Holland Gannon
City of Laguna Hills
25555 Alicia Pkwy, Laguna Hills CA 92653

hgannon@lagunahillsca.gov
949-707-2686

Entry Monument & Gazebo Park Locations

Entry Monument (Alicia/5 Freeway)



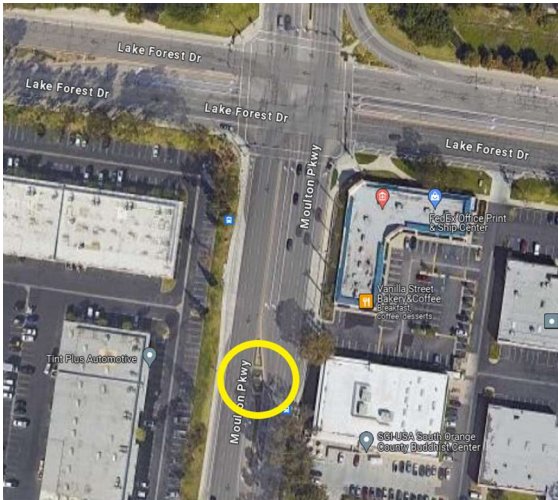
Entry Monument (Oso/Cabot)



Entry Monument (La Paz/Cabot)



Entry Monument (Moulton/Lake Forest)



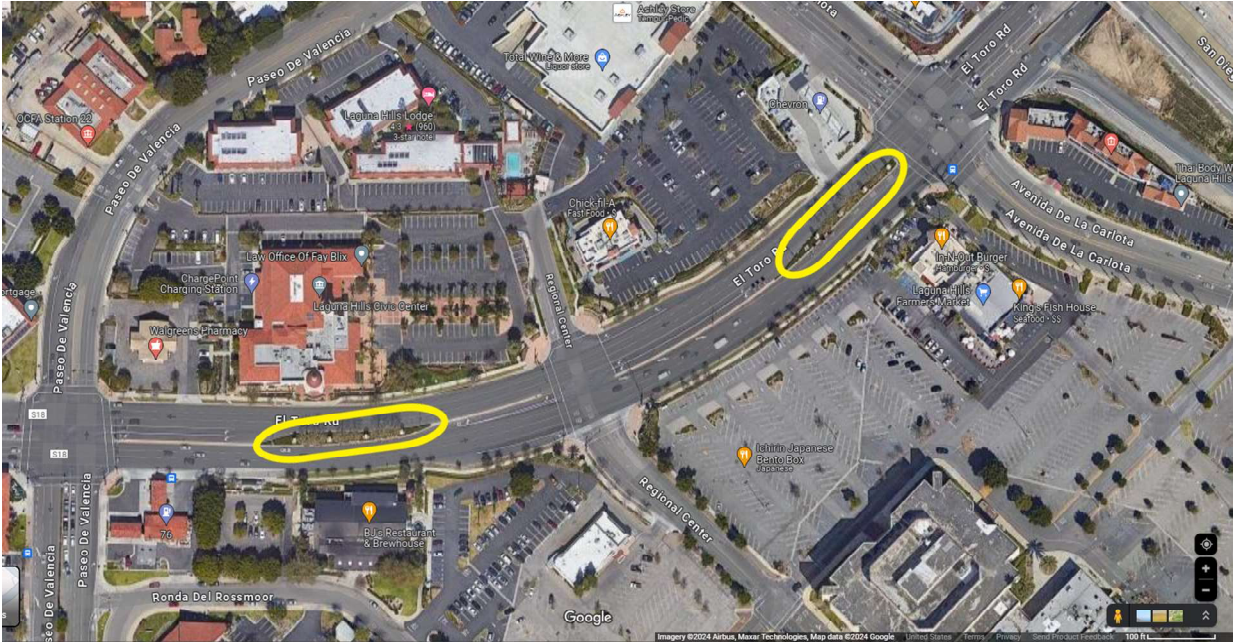
Gazebo Park (Moulton/Nellie Gail)



Gazebo Park (Santa Maria/San Remo)



El Toro Median Locations



Community Center Decoration Coverage



-  Outer tree decoration coverage areas
-  Planter area decorations
-  Corner monument decorations
-  Outdoor Xmas Tree

Additional Areas not marked on diagrams requiring lights and decorations:

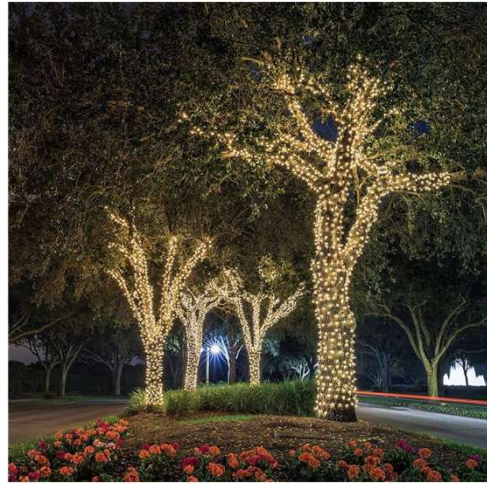
- 1) Community Center roofline
- 2) Front entrance doors and windows
- 3) Main walkthrough lit decoration
- 4) Lights/Decorations installed in plaza area and incorporated into the light show

Community Center Drive Coverage



Entry Monument Light Coverage Examples

1) Wrap tree trunk and major branches with lights



2) Wrap tree canopy with lights



3) Hang lit decorations such as star bursts or drip lighting from tree canopy





City of Laguna Hills City Council / Planning Agency Staff Report

Date: October 14, 2025
To: Mayor and Council Members
From: Greg Simonian, City Attorney
Issue: Second Public Hearing to Consider Composition of Districts for Commencing the Process to Transition to By-District Elections

Recommendation: That the City Council: 1. Receive and file districting public participation presentation prepared by the City's retained expert demographer National Demographics Corporation and 2. Conduct the Second Public Hearing necessary for commencing the process to transition to by-district elections, review and consider input regarding the composition of districts from interested members of the public, and provide further direction to City staff.

Background:

Since incorporating as a city in 1991, members of the City Council of the City of Laguna Hills have been elected by the at-large method of election rather than by the by-district election system; the at-large method of election is one in which the voters of the entire jurisdiction elect the members to the governing body; the by-district method of election is a method of electing members to the governing body of a political subdivision in which the candidate must reside within an election district that is a divisible part of the political subdivision and is elected only by the voters residing within that election district.

In 2002, the State Legislature enacted the California Voting Rights Act ("CVRA"), modifying burden of proof requirements contained in the federal Voting Rights Act of 1965 to make it much easier for plaintiffs to challenge the at-large system of elections for cities. The CVRA prohibits a public agency from using at-large elections if it impairs the ability of a protected class, as defined, to elect candidates of its choice or otherwise influence the outcome of an election. The CVRA includes the imposition of district-

based elections by a court as a remedy to violations of the Act, and requires the public agency to pay all legal and court fees should the plaintiff prevail in court.

In a letter received by the City Clerk on June 20, 2023, Michelle R. Jackson, an attorney representing an undisclosed registered voter and resident of the City of Laguna Hills, alleged that the City's at-large elections system violates the CVRA because it results in "racially polarized voting" that dilutes the impact of Latino voters. The 2023 letter demanded that the City voluntarily change its at-large system for electing City Council members to a district-based system to avoid litigation. The initial demand letter failed to identify the name of the Prospective Plaintiff and contained no direct evidence of any racially polarized voting prepared by a qualified demographer. Despite repeated requests, attorney Michelle Jackson refused to identify the name of the Prospective Plaintiff.

On August 28, 2025, the City Clerk received a follow-up letter from attorney Michelle R. Jackson, dated August 25, 2025, wherein Ms. Jackson referenced her initial June 20, 2023 letter and renewed her demand that the City voluntarily change from the current at-large election system to by-district elections. In her August 25, 2025 renewed demand letter, attorney Michelle Jackson identified for the first time the Prospective Plaintiff as being the "Voter Equality Association" and "Arthur Sanchez," a registered voter in the City, and provided the City with some additional information regarding her assertion that the City's at-large election system violates the California Voting Rights Act; however, once again failing to provide any direct evidence of racially polarized voting prepared by a qualified demographer. In her August 25, 2025 renewed demand letter, Ms. Jackson once again demanded that the City voluntarily change to by-district elections and threatened litigation should the City fail to voluntarily change to by-district elections.

In response to Ms. Jackson's renewed CVRA claim, and after identifying the name of the Prospective Plaintiff, the City Council adopted a Resolution of Intent to Transition to By-District Elections at its September 23, 2025 regular meeting, in advance of the October 15, 2025 deadline imposed by Ms. Jackson.

Discussion:

Before adopting district-based elections, the City must prepare a draft map or maps for public review and consideration; however, pursuant to State law, before drawing any maps, the City must first hold at least two public hearings over a period of no more than 30 days for the purpose of allowing interested members of the public the opportunity to provide input regarding the districts' boundaries and composition. The

first public hearing was held on October 7, 2025. Tonight's public hearing is the second of two "pre-map" public hearings.

The actual map drawing process by the City begins after these initial two public hearings. The City Council will then define the criteria used to create one or more proposed district maps and present the draft map or maps for public review and comment at two subsequent public hearings. Members of the public may also submit maps for review and consideration. All proposed maps will be made available to the public at least seven days prior to each of these two additional public hearings. The final third and fourth public hearings must be held within 45 days of each other.

During the third and fourth public hearings, the City Council will also determine the "sequencing" of the elections. This means that the Council will decide which districts will be up for election at which general municipal election, so that they will be staggered between 2026 and 2028.

Districting information will be featured on the City's website at the following official City web address: <https://www.lagunahillsca.gov/districting>. In addition, the City's website will be populated with information about how the public can participate and also provide answers to frequently asked districting questions.

The third public hearing for the Council to consider the proposed boundaries and the composition of voting districts, as well as the "sequencing" of the elections is currently scheduled for October 28, 2025. The public is encouraged to provide input via email to jlee@lagunahillsca.gov.

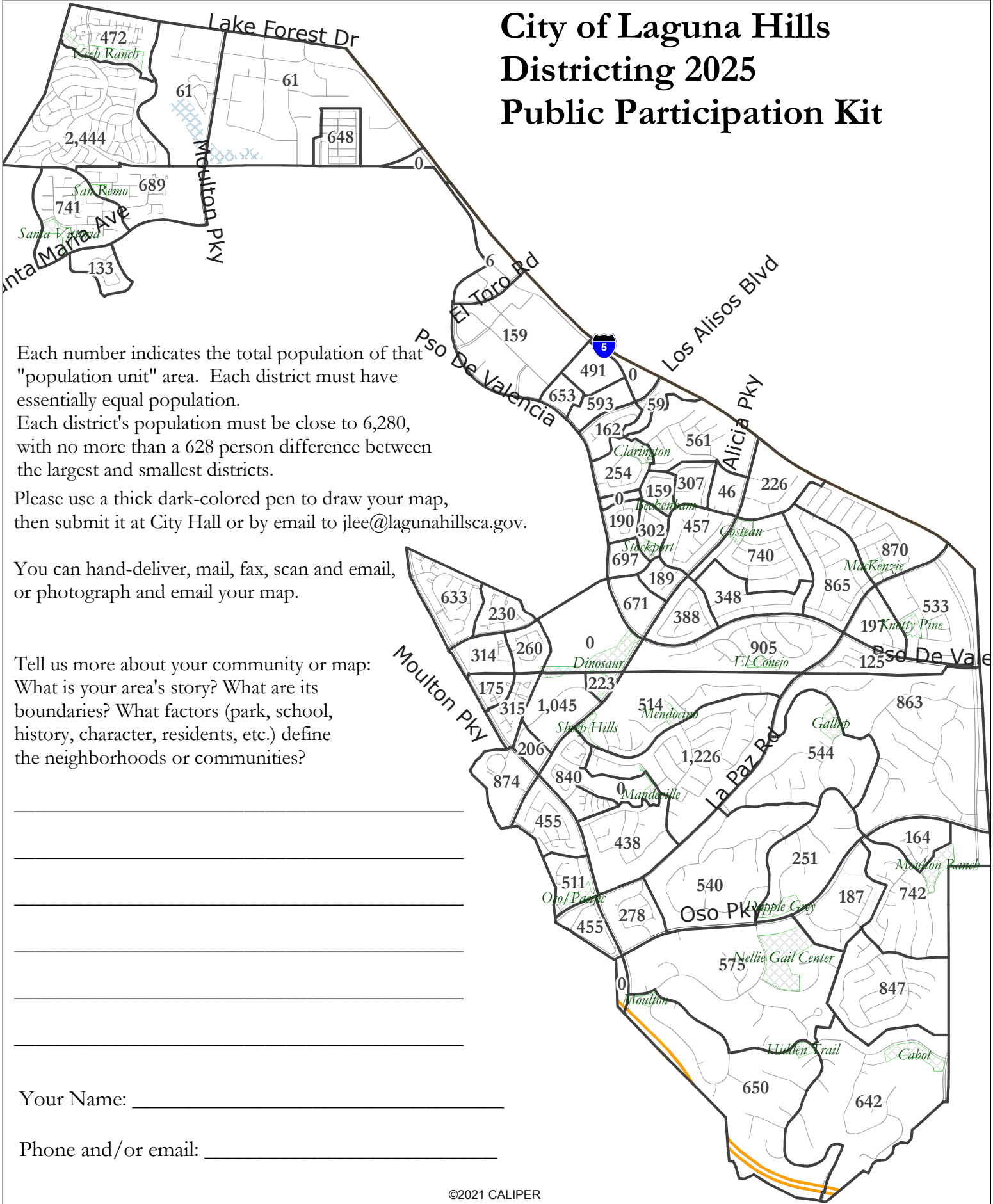
Conclusion:

The creation and approval of voting district maps is intended to be a transparent, interactive public process. Voting district maps must be prepared in compliance with certain State and Federal requirements; therefore, the use of qualified expert demographer is required. Of import is Elections Code Section 10010(b), which provides that, in determining the sequence of the district elections, the city council shall give special consideration to the purposes of the CVRA and it shall take into consideration the preferences expressed by members of the districts. The districting process must also include consideration of the following criteria when drawing district maps: 1) geographically contiguous; 2) undivided neighborhoods and "communities of interest"; 3) easily identifiable boundaries/ natural geographic boundaries; 4) compactness; and 5) all voting districts be as nearly equal in population as possible. Finally, federal caselaw prohibits drawing districts with race as a predominate factor.

Attachments:

1. Public Participation Kit (English), Prepared by NDC
2. Public Participation Kit (Spanish), Prepared by NDC

City of Laguna Hills Districting 2025 Public Participation Kit



Each number indicates the total population of that "population unit" area. Each district must have essentially equal population.

Each district's population must be close to 6,280, with no more than a 628 person difference between the largest and smallest districts.

Please use a thick dark-colored pen to draw your map, then submit it at City Hall or by email to jlee@lagunahillsca.gov.

You can hand-deliver, mail, fax, scan and email, or photograph and email your map.

Tell us more about your community or map: What is your area's story? What are its boundaries? What factors (park, school, history, character, residents, etc.) define the neighborhoods or communities?

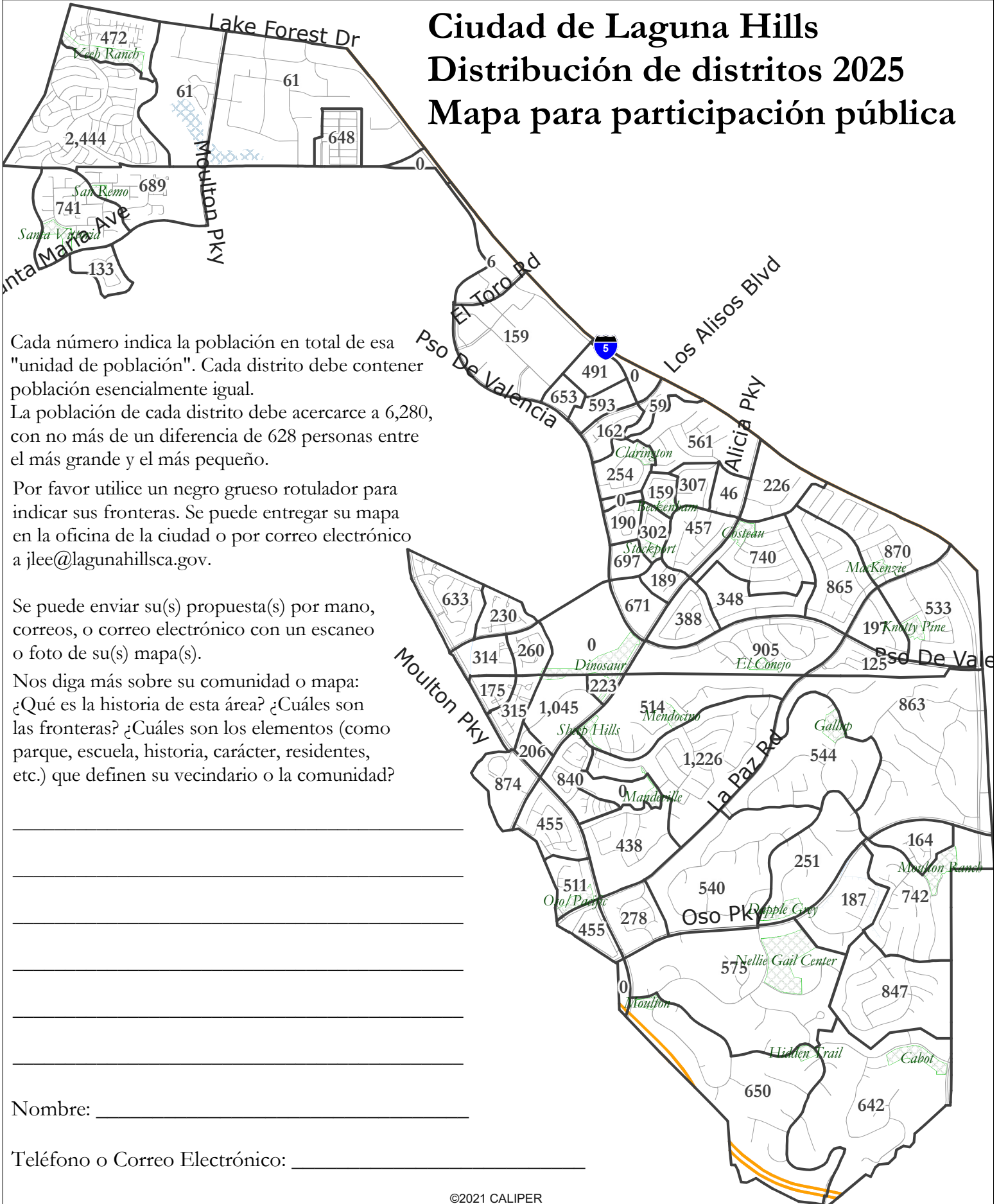
Your Name: _____

Phone and/or email: _____

Ciudad de Laguna Hills

Distribución de distritos 2025

Mapa para participación pública





City of Laguna Hills City Council / Planning Agency Staff Report

Date: October 14, 2025
To: Mayor and Council Members
From: Joe Ames, Interim City Manager
Issue: Review of Funding Needs for City-Owned Buildings, Streets, Parks, Open Spaces, and Other Infrastructure

Recommendation: That the City Council: 1. Receive and file the report concerning City-owned buildings and streets and 2. Direct the Interim City Manager to develop and release Requests for Proposals for the development of a Parks and Open Space Needs Assessment, and a Storm Drain and Bridge Infrastructure Needs Assessment.

Background:

At the July 8, 2025, City Council meeting, Mayor Pro Tem Caskey and Council Member Wheeler requested that a report on the amortization of City-owned buildings and City-wide maintenance needs be brought back to City Council in the future for review. This report is meant to address the five largest public infrastructure expenses for the City of Laguna Hills: City-owned buildings, streets, parks, open spaces, and other infrastructure (such as storm drains and bridges). Studies have been previously prepared and presented to City Council on the first two items: City-owned buildings and streets.

In November 2023, Advanced Reserve Solutions completed Reserve Study Reports for the Laguna Hills Community Center and Civic Center. These studies provided long-range projections of major repair and replacement needs for each facility. In March 2024, Bucknam Infrastructure Group completed the City's Pavement Management Program (PMP), which analyzed the condition of the roadway network and estimated funding levels required to maintain the City's Pavement Condition Index (PCI).

On March 12, 2024, the City Council received and filed the Community Center and Civic Center Reserve Studies. On May 28, 2024, the City Council received the Pavement

Management Program. At that time, the recommended annual contributions for the facilities significantly exceeded the City’s budgeted resources, and pavement rehabilitation was identified as underfunded relative to system needs.

Since that time, as part of the FY 2025–2027 budget cycle, the City Council approved new annual maintenance line items for both the Community Center and Civic Center. Given the City's overall financial constraints, these allocations do not fully meet the recommended levels but represent progress toward funding long-term facility needs.

At the request of the City Council, this report reintroduces the findings of the Community Center and Civic Center Reserve Studies, and the Pavement Management Program.

Unfortunately, insufficient data exists to evaluate funding needs for parks, open spaces, and other infrastructure (such as storm drains and bridges). For this data, a recommendation is being made to develop and release Requests for Proposals for the development of a Parks and Open Space Needs Assessment (Study) and a Storm Drain and Bridge Infrastructure Needs Assessment (Study).

Community Center Reserve Study (2023)

The 2023 Reserve Study projected long-term repair and replacement needs for the Community Center. While the consultant’s report included “fully funded balance” and “percent funded” figures, those metrics are designed for homeowners’ associations and are not applicable to a municipal setting. The City addresses facility needs through the Capital Improvement Program and General Fund allocations, not through a stand-alone reserve funding model.

- Recommended Annual Contribution: \$500,000 annually (per 2024 staff report) for Reserve Study recommended projects.
- Budgeted Contribution (FY 2025–27): \$250,000 annually for maintenance needs (GL 100-310-645500), \$500,000 for one-time capital improvement funds for Heritage Room improvements, carpeting, wallpaper, and painting needs (GL 600-255-950513), and \$300,000 for electrical system improvements (GL 600-255-950520).
- Shortfall: \$500,000 for the biennial budget period of FY 2025-27 for Reserve Study recommended projects.

Reserve Study recommended upcoming major capital improvement projects include the following items, which are not currently funded, or are beyond the scope of the

City's 7-year capital improvement program:

- Gymnasium restroom remodel – \$378,000 (FY 2025-26)
- Ballroom wood floor replacement – \$888,000 (FY 2026-27)
- Major restroom remodels – \$402,000 (FY 2032-33)
- Elevator modernization – \$326,000 (FY 2032-33)
- Fountain refurbishment – \$326,000 (FY 2032-33)

Summary: The Community Center Reserve Study recommends annual contributions of \$500,000. The City now budgets \$250,000 annually, narrowing the gap but leaving a \$250,000 shortfall each year. The City has prioritized other needed improvements not identified in the Reserve Study with its existing FY 25-27 biennial capital improvement budget of \$800,000, which addresses Heritage Room improvements, carpeting, wallpaper, painting, and electrical system improvements.

Civic Center Reserve Study (2023)

The 2023 Reserve Study for the Civic Center similarly projects substantial future facility needs. Like the Community Center report, it uses HOA-style measures such as “fully funded balance” and “percent funded,” which are not applicable to the City’s approach. Facility needs are instead funded through the Capital Improvement Program and General Fund as directed by the City Council.

Reserve Study Recommended Upcoming Major Projects:

- HVAC system – The Civic Center’s HVAC system includes multiple units of varying types and ages. To date, 8 units have been replaced, and the City’s approach is to continue replacing units individually as they reach the end of their service life rather than undertaking a wholesale replacement. The system is up to date, with one unit currently scheduled for replacement.
- Roof replacement (tile section) – While the reserve study originally projected the cost of replacement at \$400,000+ in FY 2025-26, City staff, through the Informal Bidding Ordinance process, has been able to address roof replacements and repairs starting in 2023. The process is expected to be complete in 2026 at a significant cost savings.
- Carpet replacement – \$290,000 (FY 2026-27)
- Plumbing repipe – estimated at \$287,800 (FY 2027-28). The current proposal covers all City Hall offices and public areas, including drywall demo/patch and ceiling tile replacement, with a one-year warranty and prevailing wage requirements. This does not take into account any private kitchens or sinks that

other tenants may have in their suites. The proposal also excludes plan check fees, permits, tile/carpet repairs, overtime, and bond costs. Due to the scale and cost, this project would require inclusion in the City's Capital Improvement Program and would need to go out to bid.

Summary: The Civic Center Reserve Study recommends annual contributions of \$425,000. The City now budgets \$150,000 annually, narrowing the gap but leaving a \$275,000 shortfall each year. However, the City currently has \$220,000 available toward these Major Projects in CIP 505 (GL 600-255-950505).

Pavement Management Program (2024)

On May 28, 2024, the City Council received the Pavement Management Program prepared by Bucknam Infrastructure Group. The PMP evaluated the condition of the City's 127 centerline miles of streets and projected funding needs over a 7-year planning horizon.

- Recommended Funding (to maintain PCI): \$6.9 million per biennium
- Budgeted Funding: \$2.9 million per biennium (State Gas Tax funds)
- Shortfall: ~\$4.0 million per biennium

Current Condition (PCI):

- Overall PCI = 82.7 (Good)
- Arterials/Collectors = 74.1 (Fair)
- Local Streets = 89.2 (Very Good)

Deferred Maintenance:

- With current biennial funding of \$2.9 million, deferred maintenance is projected to increase by approximately 340% by FY 2030, and average overall PCI will decline to 78.9.
- Without additional investment, average PCI will decline, leading to higher-cost rehabilitation rather than preservation treatments.

As City Council may be aware, with the approval of the Paseo de Valencia (Alicia to El Toro) and La Paz Road (Alameda to west City limits) Pavement Rehabilitation Project, the normally scheduled residential resurfacing project for Zones A & D was delayed by two years to provide \$2.9 million in funding for this project. In addition, the project required approximately \$2.6 million from General Fund reserves.

Based upon current biennial funding levels of \$2.9 million, the following projects are programmed in the Pavement Management Program:

- La Paz Road (east City limits to Alameda); and
- Zones A & D Residential Resurfacing (see note below concerning scope of work)

However, it should be noted that several other arterial highways require repaving and this maintenance continues to be deferred, including Moulton Parkway south of Laguna Hills Drive, all of Lake Forest Drive, and all of Avenida de la Carlota. The expected cost alone to repave Moulton Parkway is expected to be \$2.5 million. To this end, City staff applied for grant funding as part of The Southern California Association of Governments (SCAG) federal fiscal year 2026-27 and federal fiscal year 2027-28 Surface Transportation Block Grant (STBG) Program and Congestion Mitigation and Air Quality (CMAQ) Improvement Program call for projects. City staff is awaiting the results of the application process. Also, it should be noted that the historic practice of either slurry sealing or constructing a pavement overlay of every residential street within a Zone has not been occurring and can not occur with the funding currently allocated.

Summary: The PMP confirms that existing funding is insufficient to maintain current street conditions. The \$4.0 million biennial shortfall continues to pose a long-term fiscal challenge, requiring either additional revenue sources, use of reserves, or deferral of projects.

Parks, Open Spaces, and Other Facilities

The City's parks, open spaces, and other facilities have not been evaluated through a similar long-range funding analysis as the reserve studies conducted for the Laguna Hills Civic Center and the Community Center.

Staff recommends that a Parks and Open Space Needs Assessment Study be undertaken to identify anticipated repair and replacement needs across the City's parks and open space system. This study would serve as the foundation for the development of a comprehensive Parks Master Plan, ensuring that future capital and maintenance priorities are identified and aligned with available funding.

Staff also recommends that a Storm Drain and Bridge Infrastructure Needs Assessment Study be undertaken to identify anticipated repair and replacement needs for the City's storm drain system and bridges.

At present, neither study is funded. To proceed, the City Council would need to allocate funding from General Fund reserves to initiate the studies. Staff anticipates that the

results of these studies would provide the same type of actionable financial planning information now available for the Civic Center and Community Center, and would allow the City to evaluate funding strategies for long-term maintenance and improvements.

Fiscal Impact:

There is no fiscal impact associated with receiving and filing this report.

However, the Reserve Studies and PMP highlight substantial unfunded liabilities in both the City's facilities and its roadway network. Since 2024, the City has made progress by adding annual budget line items for the Civic Center and Community Center. Despite this improvement, the recommended contribution levels remain significantly higher than what is currently funded. Details are in the report above.

In addition, parks, open space, storm drain, and bridge funding need studies have not yet been completed or funded. To move forward, the City Council would need to allocate General Fund reserves for these studies.

Attachments:

1. 2024 Civic Center Reserve Study
2. 2024 Community Center Reserve Study
3. 2024 Pavement Management Program Submittal to OCTA

RESERVE ANALYSIS REPORT

Laguna Hills Civic Center

Laguna Hills, California

Version 1

November 10, 2023



Advanced Reserve Solutions, Inc.

23201 Mill Creek Drive, Suite 210

Laguna Hills, California 92653

Phone (949) 474-9800

arsinc.com

© 1997 - 2023

Advanced Reserve Solutions, Inc.

All Rights Reserved.

Laguna Hills Civic Center

Table Of Contents

	Page
Preface	i
Executive Summary	1
Disclosure Statement	2
Photo Library	3
Cross-Tabular Summary	11
Calculation of Percent Funded	17
Management Summary	19
Management Charts	21
Annual Expenditures	23
Projections	26
Projection Charts	27
Component Detail	29
Component Detail Index	75

Laguna Hills Civic Center

Preface

This preface is intended to provide an introduction to the enclosed reserve analysis as well as detailed information regarding the reserve analysis report format, reserve fund goals/objectives and calculation methods. The following sections are included in this preface:

Introduction to Reserve Budgetingpage i
Understanding the Reserve Analysispage i
Reserve Funding Goals / Objectivespage ii
Reserve Funding Calculation Methodspage iii
Reading the Reserve Analysispage vi
Glossary of Key Termspage xi
Limitations of Reserve Analysispage xiv

◆ ◆ ◆ ◆ INTRODUCTION TO RESERVE BUDGETING ◆ ◆ ◆ ◆

The Board of Directors of an association has a legal and fiduciary duty to maintain the community in a good state of repair. Individual unit property values are significantly impacted by the level of maintenance and upkeep provided by the association as well as the amount of the regular assessment charged to each owner.

A prudent plan must be implemented to address the issues of long-range maintenance, repair and replacement of the common areas. Additionally, the plan should recognize that the value of each unit is affected by the amount of the regular assessment charged to each unit.

There is a fine line between “not enough,” “just right” and “too much.” Each member of an association should contribute to the reserve fund for their proportionate amount of “depreciation” (or “use”) of the reserve components. Through time, if each owner contributes a “fair share” into the reserve fund for the depreciation of the reserve components, then the possibility of large increases in regular assessments or special assessments will be minimized.

An accurate reserve analysis and a “healthy” reserve fund are essential to protect and maintain association common areas and property values of individual unit owners. A comprehensive reserve analysis is one of the most significant elements of any association's long-range plan and provides the critical link between sound business judgment and good fiscal planning. The reserve analysis provides a “financial blueprint” for the future of an association.

◆ ◆ ◆ ◆ UNDERSTANDING THE RESERVE ANALYSIS ◆ ◆ ◆ ◆

In order for the reserve analysis to be useful, it must be understandable by a variety of individuals. Board members (from seasoned, experienced Board members to new Board members), property managers, accountants, attorneys and homeowners may ultimately review the reserve analysis. The reserve analysis must be detailed enough to provide a comprehensive analysis, yet simple enough to enable less experienced individuals to understand the results.

There are four key bits of information that a comprehensive reserve analysis should provide: Budget, Percent Funded, Projections and Inventory. This information is described as follows:

Budget

Amount recommended to be transferred into the reserve account for the fiscal year for which the reserve analysis is prepared. In some cases, the reserve analysis may present two or more funding plans based on different goals/objectives. The Board should have a clear understanding of the differences among these funding goals/objectives prior to implementing one of them in the annual budget.

Laguna Hills Civic Center

Preface

Percent Funded

Measure of the reserve fund “health” (expressed as a percentage) as of the beginning of the fiscal year for which the reserve analysis is prepared. This figure is the ratio of the actual reserve fund on hand to the fully funded balance. A reserve fund that is “100% funded” means the association has accumulated the proportionately correct amount of money, to date, for the reserve components it maintains.

Projections

Indicate “level of service” the association will provide the membership as well as a “road map” for the fiscal future of the association. Projections define the timetables for repairs and replacements, such as when buildings will be painted or when asphalt will be seal coated. Projections also show the financial plan for the association – when an underfunded association will “catch up” or how a properly funded association will remain fiscally “healthy.”

Inventory

Complete listing of reserve components. Key bits of information are available for each reserve component, including placed-in-service date, useful life, remaining life, replacement year, quantity, current cost of replacement, future cost of replacement and analyst’s comments.

◆ ◆ ◆ ◆ RESERVE FUNDING GOALS / OBJECTIVES ◆ ◆ ◆ ◆

There are four reserve funding goals/objectives which may be used to develop a reserve funding plan that corresponds with the risk tolerance of the association: Full Funding, Baseline Funding, Threshold Funding and Statutory Funding. These goals/objectives are described as follows:

Full Funding

Describes goal/objective to have reserves on hand equivalent to the value of the deterioration of each reserve component. The objective of this funding goal is to achieve and/or maintain a 100% percent funded reserve fund. Component calculation method or directed cash flow calculation method is typically used to develop a full funding plan.

Baseline Funding

Describes goal/objective to have sufficient reserves on hand to never completely run out of money. The objective of this funding goal is to simply pay for all reserve expenses as they come due without regard to the association’s percent funded. Minimum cash flow calculation method or directed cash flow calculation method s typically used to develop a baseline funding plan.

Threshold Funding

Describes goal/objective other than the 100% level (full funding) or just staying cash-positive (baseline funding). This threshold goal/objective may be a specific percent funded target or a cash balance target. Threshold funding is often a value chosen between full funding and baseline funding. Minimum cash flow calculation method or directed cash flow calculation method is typically used to develop a threshold funding plan.

Statutory Funding

Describes goal/objective as described or required by local laws or codes. Component calculation method, minimum cash flow calculation method or directed cash flow calculation method may be used to develop a statutory funding plan, depending on the requirements.

Laguna Hills Civic Center

Preface

◆ ◆ ◆ ◆ RESERVE FUNDING CALCULATION METHODS ◆ ◆ ◆ ◆

There are three funding methods which can be used to develop a reserve funding plan based on reserve funding goals/objectives: Component Calculation Method, Minimum Cash Flow Calculation Method and Directed Cash Flow Calculation Method.

Directed cash flow calculation method offers flexibility for developing custom funding plans. Directed cash flow calculation method funding plans can accommodate use of various contribution increases and/or special assessments (or loans) through time. As the name suggests, the user “directs” the funding plan as needed to achieve reserve funding goals or objectives. Because of this flexibility, the vast majority of reserve analyses are developed using the directed cash flow calculation method. Whereas component calculation method funding plans and minimum cash flow calculation method funding plans are typically used as reference information; usually considered the “floor” (minimum cash flow calculation method) and “ceiling” (component calculation method) of a reasonable reserve funding plan.

The three calculation methods are described as follows:

Component Calculation Method

Component calculation method develops a funding plan for each individual reserve component. The sum of the funding plan for each component equals the total funding plan for the association. This method is often referred to as the “straight line” method. This method structures a funding plan that enables the association to pay all reserve expenditures as they come due, enables the association to achieve the fully funded reserves in time, and then enables the association to maintain fully funded reserves through time. The following is a detailed description of component calculation method:

Step 1: Calculation of fully funded balance for each component

Fully funded balance is calculated for each component based on its age, useful life and current cost. The actual formula is as follows:

$$\text{Fully Funded Balance} = \frac{\text{Age}}{\text{Useful Life}} \times \text{Current Cost}$$

Step 2: Distribution of current reserve funds

Association's current reserve funds are assigned to (or distributed amongst) reserve components based on each component's remaining life and fully funded balance as follows:

Pass 1: Components are organized in remaining life order, from least to greatest, and the current reserve funds are assigned to each component up to its fully funded balance, until reserve funds are exhausted.

Pass 2: If all components are assigned their fully funded balance and additional funds exist, they are assigned in a “second pass.” Again, components are organized in remaining life order, from least to greatest, and remaining current reserve funds are assigned to each component up to its current cost, until reserve funds are exhausted.

Pass 3: If all components are assigned their current cost and additional funds exist, they are assigned in a “third pass.” Components with a remaining life of zero years are assigned double their current cost, until reserve funds are exhausted. After pass 3, if additional reserve funds remain, there are excess reserves.

Distributing, or assigning, reserve funds in this manner is the most efficient use of the funds on hand – it defers the make-up period of any underfunded reserves over the lives of the components with the largest remaining lives.

Step 3: Developing a funding plan

After step 2, all components have a “starting” balance. A calculation is made to determine what funding would be required to get from the starting balance to the future cost over the number of years remaining until replacement. The funding plan incorporates the contribution increase parameter to develop a “stair stepped” contribution.

Laguna Hills Civic Center

Preface

For example, if an association needs to accumulate \$100,000 in ten years, \$10,000 could be contributed each year. Alternatively, the association could contribute \$8,723 in the first year and increase the contribution by 3% each year thereafter until the tenth year.

In most cases, the contribution increase parameter should match the inflation parameter. Matching the contribution increase parameter to the inflation parameter indicates, in theory, that member contributions should increase at the same rate as the cost of living (inflation parameter). Due to the "time value of money," this creates the most equitable distribution of member contributions through time.

Using a contribution increase parameter that is greater than the inflation parameter will reduce the burden to current members at the expense of future members. Using a contribution increase parameter that is less than the inflation parameter will increase the burden to the current members to the benefit of future members. The following chart shows a comparison:

	0% Increase	3% Increase	10% Increase
Year 1	\$10,000.00	\$8,723.05	\$6,274.54
Year 2	\$10,000.00	\$8,984.74	\$6,901.99
Year 3	\$10,000.00	\$9,254.28	\$7,592.19
Year 4	\$10,000.00	\$9,531.91	\$8,351.41
Year 5	\$10,000.00	\$9,817.87	\$9,186.55
Year 6	\$10,000.00	\$10,112.41	\$10,105.21
Year 7	\$10,000.00	\$10,415.78	\$11,115.73
Year 8	\$10,000.00	\$10,728.25	\$12,227.30
Year 9	\$10,000.00	\$11,050.10	\$13,450.03
Year 10	\$10,000.00	\$11,381.60	\$14,795.04
TOTAL	\$100,000.00	\$100,000.00	\$100,000.00

One major benefit of using component calculation method is that for any single component (or group of components), reserve funding can be precisely calculated. For example, using this calculation method, the reserve analysis can indicate the exact amount of current reserve funds "in the bank" for the roofs and the amount of money being funded towards the roofs each month. This information is displayed on the Management Summary and Charts as well as elsewhere within the report.

Minimum Cash Flow Calculation Method

Minimum cash flow calculation method develops a funding plan based on current reserve funds and projected expenditures during a specific timeframe (typically 30 years). This funding method structures a funding plan that enables the association to pay for all reserve expenditures as they come due, but is not concerned with the ideal level of reserves or percent funded through time.

This calculation method tests reserve contributions against reserve expenditures through time to determine the minimum contribution necessary (baseline funding). This calculation method will determine the minimum reserve contribution to ensure that the beginning reserve balance is sufficient to pay for the scheduled expenditures in each year. By definition, this calculation method will create a funding plan where, at some point over the projection period, the beginning reserve fund balance will equal the expenditures for that year. Under some conditions, based on reserve expenditure profile, this calculation method produces a funding plan that will take the association into an overfunded status through time; in these cases, directed cash flow calculation method can be used to optimize results.

Minimum cash flow calculation method is not without downsides... Unlike component calculation method, the minimum cash flow calculation method cannot precisely calculate reserve funding for any single component (or group of components). In order to work-around this issue to provide this bookkeeping information, a formula has been applied to component calculation method results to calculate a reasonable breakdown. This information is displayed on the Management Summary and Charts as well as elsewhere within the report. Using minimum cash flow calculation method typical-

Laguna Hills Civic Center

Preface

ly requires an annual reallocation of reserve funds (amongst reserve components) to ensure each component remains properly funded through time. Associations in states that require segregated reserve funds for certain components (i.e. roofs, painting, etc.), should pay special attention to this issue; it may be desirable to complete separate reserve analyses for segregated reserve components.

Directed Cash Flow Calculation Method

Directed cash flow calculation method develops a funding plan based on current reserve funds and projected expenditures during a specific timeframe (typically 30 years). This funding method structures a funding plan that enables the association to pay for all reserve expenditures as they come due and, if possible, determine the optimal funding plan to achieve 100% funding over the projection period.

Directed cash flow calculation method offers flexibility for developing custom funding plans. Directed cash flow funding plans can accommodate use of various contribution increases and/or special assessments (or loans) through time. As the name suggests, the user “directs” the funding plan as needed to achieve any reserve funding goals or objectives. Because of this flexibility, the vast majority of reserve analyses are developed using this calculation method.

Directed cash flow calculation method is not without downsides... Unlike component calculation method, the directed cash flow calculation method cannot precisely calculate reserve funding for any single component (or group of components). In order to work-around this issue to provide this bookkeeping information, a formula has been applied to component calculation method results to calculate a reasonable breakdown. This information is displayed on the Management Summary and Charts as well as elsewhere within the report. Using directed cash flow calculation method typically requires an annual reallocation of reserve funds (amongst reserve components) to ensure each component remains properly funded through time. Associations in states that require segregated reserve funds for certain components (i.e. roofs, painting, etc.), should pay special attention to this issue; it may be desirable to complete separate reserve analyses for segregated reserve components.

Laguna Hills Civic Center

Preface

◆ ◆ ◆ ◆ READING THE RESERVE ANALYSIS ◆ ◆ ◆ ◆

In some cases, the reserve analysis may be a lengthy document of one hundred pages or more. A complete and thorough review of the reserve analysis is always a good idea. However, if time is limited, it is suggested that a thorough review of the summary pages be made. If a “red flag” is raised in this review, the reader should then check the detail information (“Component Detail”), of the component in question, for all relevant information. In this section, a description of most of the summary or report sections is provided along with comments regarding what to look for and how to use each section.

Executive Summary

Provides general information about project, global parameters used in the calculation of the reserve analysis as well as the core results of the reserve analysis.

Client Information

Provides information including fiscal year for which reserve analysis is prepared, number of units, etc.

Global Parameters

Displays calculation parameters that were used to calculate reserve analysis including inflation, contribution increase, investment rate, tax rate and contingency.

Community Profile

Provides brief description of community as well as other “global” comments.

Budget

Provides recommended funding for fiscal year for which reserve analysis is prepared. Indicates reserve funding from membership, anticipated interest contribution and total contribution requirement.

Sample Condominium Association			
Executive Summary			
Directed Cash Flow Method			
Client Information		Global Parameters	
Account Number	00002	Inflation Rate	2.50%
Version Number	1	Annual Contribution Increase	2.50%
Analysis Date	1/16/2023	Investment Rate	1.00%
Fiscal Year	1/1/2022 to 12/31/2022	Taxes on Investments	30.00%
Number of Condominiums	275	Contingency	3.00%
Community Profile			
This community consists of 275 attached condominium units with private roadways, pool area and extensive landscaped areas.			
For budgeting purposes, unless otherwise indicated, we have used January 1994 as the average placed-in-service date for aging the original components included in this analysis.			
ARS site visits: August 24, 2021; July 2018; August 2015; June 2012 and August 2009			
Adequacy of Reserves as of January 1, 2022			
Anticipated Reserve Balance			\$2,860,500.00
Fully Funded Reserve Balance			\$5,089,099.96
Percent Funded			56.21%
Deficit per Condominium			\$8,104.00
Funding for the 2022 Fiscal Year			
	Annual	Monthly	Per Month
Member Contribution	\$524,159	\$43,679.89	\$158.84
Interest Contribution	\$20,842	\$1,736.83	\$6.32
Total Contribution	\$545,001	\$45,416.72	\$165.15

Adequacy of Reserves

Displays results of calculations with regard to “health” of reserve fund as of beginning of fiscal year for which the reserve analysis is prepared. Provides anticipated reserve balance, fully funded reserve balance and percent funded.

Laguna Hills Civic Center

Preface

Calculation of Percent Funded

Summary displays all reserve components, shown here in "category" order. Provides remaining life, useful life, current cost and fully funded balance at beginning of fiscal year for which the reserve analysis is prepared.

Reserve Components

All components are displayed (shown here in "category" order).

Lifespans

Remaining life and useful life are displayed. And, these columns are conveniently sub totaled to show range.

Current Cost

Displays current cost to replace or otherwise maintain each component. This column is conveniently sub totaled.

Fully Funded Balance

Displays fully funded balance for each component. This column is conveniently sub totaled.

Total current cost to replace or otherwise maintain all components, total fully funded balance, anticipated reserve balance and percent funded are provided at bottom of this summary. Also shown is range of reserve component remaining lives and useful lives.

Sample Condominium Association Calculation of Percent Funded Sorted by Category: Alphabetical				
	Remaining Life	Useful Life	Current Cost	Fully Funded Balance
010 Streets				
Streets - Asphalt, Overlay / Major Rehab	6	24	\$360,300.00	\$321,176.47
Streets - Asphalt, Repair	2	4	\$24,300.00	\$12,150.00
Streets - Asphalt, Seal Coat	2	4	\$14,580.00	\$7,290.00
Streets - Concrete	2	4	\$20,300.00	\$10,000.00
Sub Total	2-6	4-24	\$448,980.00	\$350,616.47
020 Roofs				
Roofs - Rain Gutters	12	40	\$123,785.00	\$66,645.50
Roofs - Tile, Clean & Maintain	0	1	\$37,500.00	\$37,500.00
Roofs - Tile, Replace				
Sub Total				
030 Painting				
Painting - Cabana Interior				
Painting - Red Cuts				
Painting - Stucco				
Painting - Woodwork				
Painting - Wrought Iron, Buildings				
Painting - Wrought Iron, Pool Area				
Sub Total				
040 Fencing, Railing & Walls				
Fencing - Glass Sound Attenuation				
Fencing - Wrought Iron, Pool Area				
Railing & Gates - Wrought Iron, Units				
Walls - Stucco, Repair				
Sub Total				
050 Lighting				
Lighting - Buildings				
Lighting - Landscape				
Lighting - Streets & Walkways				
Sub Total				
060 Pool Area				
Cabana - Ceramic Tile, Interior				
Cabana - Ceramic Tile, Showers				
Cabana - Doors				
Cabana - Plumbing Fixtures%				
Cabana - Restroom Partitions				
Cabana - Water Heater				
Sub Total				
070 Decks				
Decks/Stairs - Clean & Seal	2	4	\$103,868.25	\$45,695.27
Decks/Stairs - Resurface	6	20	\$728,900.00	\$562,196.97
Sub Total	2-6	4-20	\$832,768.25	\$608,092.24
080 Termite Control & Wood Repair				
Termite Control	n.a.	n.a.	\$0.00	\$300,000.00
Wood Repair - Paint Cycle	4	5	\$58,000.00	\$6,444.44
Wood Repair - Shutters	4	20	\$44,900.00	\$39,267.50
Sub Total	4	5-20	\$102,900.00	\$345,731.94
090 Landscape				
Landscape - Irrigation Controllers	7	12	\$24,150.00	\$9,450.00
Landscape - Renovation	0	1	\$17,500.00	\$17,500.00
Sub Total	0-7	1-12	\$41,650.00	\$26,950.00
100 Miscellaneous				
Fire Safety - Control Panels	1	20	\$126,000.00	\$121,655.17
Fire Safety - Extinguisher Cabinets	9	30	\$64,900.00	\$49,113.51
Motobikes	18	20	\$67,000.00	\$6,700.00
Signage	0	20	\$75,000.00	\$75,000.00
Utility Closet Doors	4	20	\$157,100.00	\$137,467.50
Sub Total	0-18	20-30	\$490,000.00	\$389,931.16
Contingency	n.a.	n.a.	n.a.	\$148,225.21
Total	0-18	1-40	\$7,044,161.25	\$6,088,099.96
Anticipated Reserve Balance				\$2,860,800.00
Percent Funded				56.21%

Laguna Hills Civic Center

Preface

Management Summary and Charts

Summary displays all reserve components, shown here in "category" order. Provides assigned reserve funds at beginning of fiscal year for which reserve analysis is prepared along with monthly member contribution, interest contribution and total contribution for each component and category. Pie charts show graphically how reserve fund is distributed amongst reserve component categories and how each category is funded on a monthly basis.

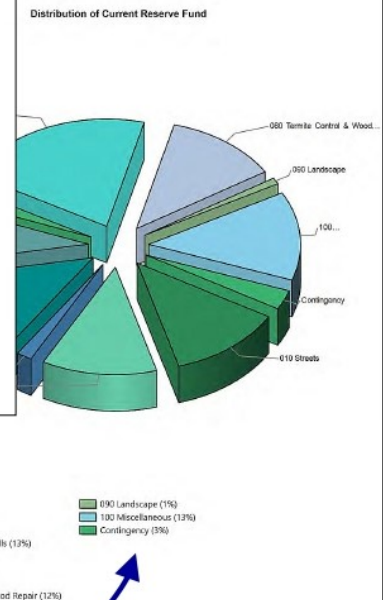
Sample Condominium Association Management Summary Directed Cash Flow Method; Sorted by Category				
	Balance at Beginning of Year	Monthly Member Contribution	Monthly Interest Contribution	Total Monthly Contribution
010 Streets				
Streets - Asphalt, Overlay / Major Rehab	\$321,176.47	\$1,150.31	\$188.16	\$1,338.46
Streets - Asphalt, Repair	\$12,190.00	\$414.09	\$8.63	\$422.73
Streets - Asphalt, Seal Coat	\$7,200.00	\$246.45	\$5.18	\$253.64
Streets - Concrete	\$10,000.00	\$340.82	\$7.11	\$347.92
Sub Total	\$350,616.47	\$2,153.67	\$209.08	\$2,362.75
020 Roofs				
Roofs - Rain Gutters	\$86,649.50	\$321.53	\$50.81	\$372.34
Roofs - Tile, Clean & Maintain	\$17,500.00	\$2,448.57	\$10.02	\$2,458.59
Roofs - Tile, Replace	\$226,722.83	\$19.25		
Sub Total	\$350,872.33	\$22.05		
030 Painting				
Painting - Cabana Interior	\$94.21	\$1		
Painting - Red Curbs	\$2,557.50	\$8		
Painting - Stucco	\$20,230.79	\$2.85		
Painting - Woodwork	\$19,001.11	\$2.06		
Painting - Wrought Iron, Buildings	\$4,277.76	\$57		
Painting - Wrought Iron, Pool Area	\$670.83	\$4		
Sub Total	\$46,632.22	\$6.19		
040 Fencing, Railing & Walls				
Fencing - Glass Sound Attenuation	\$38,027.03	\$13		
Fencing - Wrought Iron, Pool Area	\$19,455.88	\$6		
Railing & Gates - Wrought Iron, Units	\$298,472.22	\$1.08		
Walls - Stucco, Repair	\$8,368.84	\$2		
Sub Total	\$364,323.97	\$1.31		
050 Lighting				
Lighting - Buildings	\$154,994.23	\$81		
Lighting - Landscape	\$11,340.00	\$12		
Lighting - Streets & Walkways	\$77,437.60	\$27		
Sub Total	\$243,771.73	\$1.21		
060 Pool Area				
Cabana - Ceramic Tile, Interior	\$10,847.94	\$3		
Cabana - Ceramic Tile, Showers	\$6,342.19	\$5		
Cabana - Doors	\$2,036.36	\$1		
Cabana - Plumbing Fixtures%	\$7,404.12	\$2		
Cabana - Restroom Partitions	\$3,609.57	\$2		
Cabana - Water Heater	\$175.00	\$1		

Balance at FYB
Shows amount of
reserve funds assigned to
each reserve component.
And, this column is
conveniently sub totaled.

Sample Condominium Association Management Summary Directed Cash Flow Method; Sorted by Category				
	Balance at Beginning of Year	Monthly Member Contribution	Monthly Interest Contribution	Total Monthly Contribution
070 Decks				
Decks/Stairs - Clean & Seal	\$45,895.27	\$1,901.98	\$34.24	\$1,936.22
Decks/Stairs - Resurface	\$62,196.97	\$2,641.42	\$326.21	\$2,967.63
Sub Total	\$98,092.24	\$4,503.40	\$360.45	\$4,963.85
080 Termite Control & Wood Repair				
Termite Control	\$300,000.00	\$0.00	\$171.35	\$171.35
Wood Repair - Paint Cycle	\$6,444.44	\$871.43	\$7.25	\$878.68
Wood Repair - Shutters	\$39,287.50	\$139.06	\$23.01	\$162.06
Sub Total	\$345,731.94	\$1,010.48	\$201.61	\$1,212.09
090 Landscape				
Landscape - Irrigation Controllers	\$9,450.00	\$155.33	\$6.03	\$161.36
Landscape - Renovation	\$17,500.00	\$1,142.96	\$4.67	\$1,147.64
Sub Total	\$26,950.00	\$1,297.99	\$10.71	\$1,308.70
100 Miscellaneous				
Fire Safety - Control Panels	\$121,655.17	\$423.02	\$71.22	\$494.24
Fire Safety - Extinguisher Cabinets	\$49,113.51	\$179.05	\$28.79	\$207.83
Mailboxes	\$0.00	\$281.30	\$1.15	\$282.45
Signage	\$75,000.00	\$288.18	\$1.18	\$289.36
Utility Closet Doors	\$137,462.50	\$495.04	\$30.51	\$567.05
Sub Total	\$383,231.19	\$1,656.08	\$102.84	\$1,840.92
Contingency	\$83,315.33	\$1,272.23	\$52.79	\$1,325.02
Total	\$2,860,500.30	\$43,679.89	\$1,736.83	\$45,416.72

Monthly Funding
Displays monthly
funding for each
component from
members and interest.
Total monthly funding is
also indicated. And,
these columns are
conveniently sub totaled.

Sample Condominium Association
Management / Accounting Charts
Directed Cash Flow Method; Sorted by Category



Pie Charts

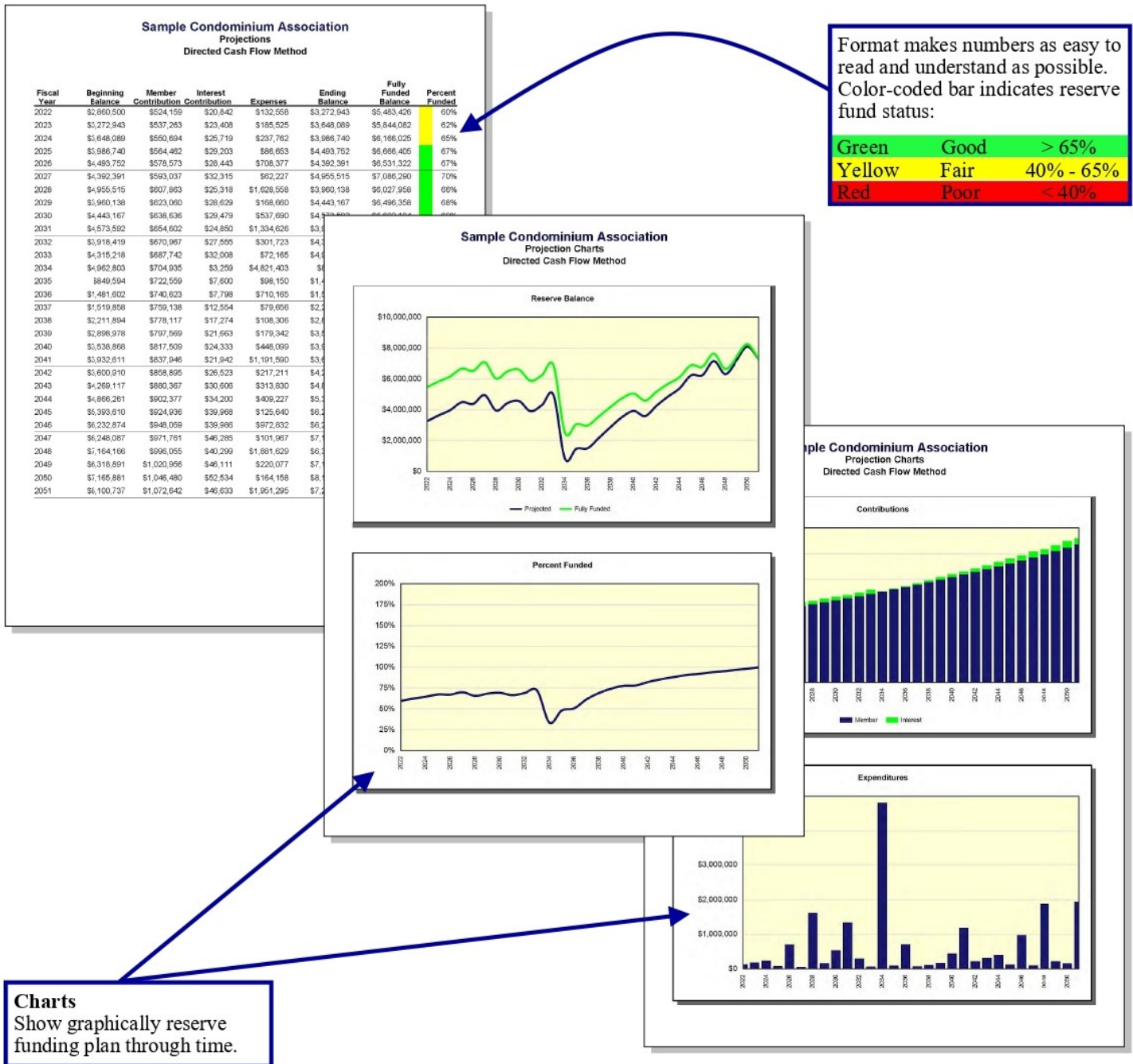
Show graphically how reserve fund is
distributed amongst reserve components
and how components are funded.

Laguna Hills Civic Center

Preface

Projections and Charts

Summary displays projections of beginning reserve balance, member contribution, interest contribution, expenditures and ending reserve balance for each year of projection period (shown here for 30 years). Two columns on the right-hand side provide fully funded ending balance and percent funded for each year. Charts show the same information in an easy-to-understand graphic format.



Format makes numbers as easy to read and understand as possible. Color-coded bar indicates reserve fund status:

Green	Good	> 65%
Yellow	Fair	40% - 65%
Red	Poor	< 40%

Charts

Show graphically reserve funding plan through time.

Laguna Hills Civic Center

Preface

Component Detail

Summary provides detailed information about each reserve component. These pages display all information about each reserve component as well as comments from site observations and historical information regarding replacement or other maintenance.

Lifespan Information

Displays placed-in-service date, useful life, remaining life and replacement year.

Cost Information

Displays quantity, unit cost, percentage of replacement, current cost and future cost.

Calculation Results

Displays assigned reserves and funding requirements.

Sample Condominium Association
Component Detail
Directed Cash Flow Calculation Method; Sorted By Category

Streets - Asphalt, Seal Coat			
Category	010 Streets	Quantity	162,000 sq. ft.
		Unit Cost	\$0.09
		% of Replacement	100.00%
		Current Cost	\$14,580.00
		Future Cost	\$15,318.11
Placed In Service	01/2020		
Useful Life	4		
Remaining Life	2		
Replacement Year	2024		
		Assigned Reserves at FYB	\$7,290.00
		Monthly Member Contribution	\$248.45
		Monthly Interest Contribution	\$5.18
		Total Monthly Contribution	\$253.64



The association repaired, seal coated and restriped the asphalt throughout the community during 2015 for an unknown cost. The association repaired, seal coated and restriped the asphalt throughout the community in October 2010 for a total cost of \$4,790, seal coat at \$8,736 and restripe at \$3,482.

The current cost used for this component is based on actual expenditures incurred and adjusted for inflation where applicable.

For budgeting purposes, we have used the next fiscal year's beginning date as the replacement year.

Asphalt surfaces should be seal coated on a 3 to 4 year cycle.

Sample Condominium Association
Component Detail
Directed Cash Flow Calculation Method; Sorted By Category

Painting - Stucco			
Category	030 Painting	Quantity	325,750 sq. ft.
		Unit Cost	\$1.18
		% of Replacement	100.00%
		Current Cost	\$384,385.00
		Future Cost	\$480,044.19
Placed In Service	07/2021		
Useful Life	10		
Remaining Life	9		
Replacement Year	2031		
		Assigned Reserves at FYB	\$20,230.79
		Monthly Member Contribution	\$2,855.92
		Monthly Interest Contribution	\$23.24
		Total Monthly Contribution	\$2,879.16



The association painted the entire community (stucco, woodwork, wrought iron and total cost of \$306,000. The association painted the entire community (stucco, woodwork, wrought iron and total cost of \$400,000. The association painted the entire community (stucco, woodwork, wrought iron and total cost of \$1,565,000. The association painted the entire community (stucco, woodwork, wrought iron and total cost of \$1,565,000. The association painted the entire community (stucco, woodwork, wrought iron and total cost of \$1,565,000.

The current cost used for this component is based on actual expenditures incurred and adjusted for inflation where applicable.

Sample Condominium Association
Component Detail
Directed Cash Flow Calculation Method; Sorted By Category

Pool - Replaster & Tile			
Category	060 Pool Area	Quantity	1 pool
		Unit Cost	\$34,387.50
		% of Replacement	100.00%
		Current Cost	\$34,387.50
		Future Cost	\$40,875.93
Placed In Service	05/2019		
Useful Life	10		
Remaining Life	7		
Replacement Year	2029		
		Assigned Reserves at FYB	\$9,486.21
		Monthly Member Contribution	\$255.65
		Monthly Interest Contribution	\$6.46
		Total Monthly Contribution	\$262.11



2,125 sq. ft. of replastering	@	\$13.90	=	\$28,887.50
180 lin. ft. of waterline/tile	@	\$17.50	=	\$3,150.00
170 lin. ft. of step/bench tile	@	\$15.00	=	\$2,550.00
		TOTAL	=	\$34,387.50

The association replastered the pool during 2006 for a total cost of \$22,174. The association replastered the pool and spa, replaced the pool and spa lighting (with LED lights) and replaced the mosaic material at the pool area in March 2011 for a total cost of \$41,541. The association replastered the pool and spa in May 2019 for a total cost of \$35,443.

Comments

Useful information from site observations and historical expenses included here.

Photos

Optional photos adds an additional layer of detail to the reserve analysis.

Laguna Hills Civic Center

Preface

◆ ◆ ◆ ◆ GLOSSARY OF KEY TERMS ◆ ◆ ◆ ◆

Anticipated Reserve Balance (or Reserve Funds)

Amount of money, as of a certain point in time, held by association to be used for the repair or replacement of reserve components. This figure is “anticipated” because it is calculated based on the most current financial information available as of the analysis date, which is almost always prior to the fiscal year beginning date for which the reserve analysis is prepared.

Assigned Funds (and “Fixed” Assigned Funds)

Amount of money, as of fiscal year beginning date for which reserve analysis is prepared, that a reserve component has been assigned.

Assigned funds are considered “fixed” when the normal calculation process is bypassed and a specific amount of money is assigned to a reserve component. For example, if the normal calculation process assigns \$10,000 to the roofs, but the association would like to show \$20,000 assigned to roofs, “fixed” funds of \$20,000 can be assigned.

Component Calculation Method

Reserve funding calculation method developed based on each individual reserve component. A more detailed description of the actual calculation process is included in the “reserve funding calculation methods” section of the preface.

Contingency Parameter

Rate used as a built-in buffer in the calculation of a reserve funding plan. This rate will assign a percentage of reserve funds, as of the fiscal year beginning, as contingency funds and will also determine the level of funding toward contingency each month.

Contribution Increase Parameter

Rate used in calculation of funding plan. This rate is used on an annual compounding basis. This rate represents, in theory, the rate the association expects to increase contributions each year.

In most cases, this rate should match the inflation parameter. Matching the contribution increase parameter to the inflation parameter indicates, in theory, that member contributions should increase at the same rate as the cost of living (inflation parameter). Due to the “time value of money,” this creates the most equitable distribution of member contributions through time.

Current Replacement Cost

Amount of money, as of fiscal year beginning date for which reserve analysis is prepared, that a reserve component is expected to cost to replace.

Directed Cash Flow Calculation Method

Reserve funding calculation method developed based on total annual expenditures. A more detailed description of the actual calculation process is included in the “reserve funding calculation methods” section of the preface.

Fiscal Year

Budget year for association for which reserve analysis is prepared. Fiscal year beginning (FYB) is first day of budget year; fiscal year end (FYE) is last day of budget year.

Fully Funded Reserve Balance

Amount of money that should theoretically have accumulated in the reserve fund as of a certain point in time. Fully funded reserves are calculated for each reserve component based on the current replacement cost, age and useful life:

$$\text{Fully Funded Reserves} = \frac{\text{Age}}{\text{Useful Life}} \times \text{Current Replacement Cost}$$

Fully funded reserve balance is the sum of the fully funded reserves for each reserve component.

An association that has accumulated the fully funded reserve balance does not have all of the funds necessary to replace all of its reserve components immediately; it has the proportionately appropriate reserve funds for the reserve com-

Laguna Hills Civic Center

Preface

ponents it maintains, based on each component's current replacement cost, age and useful life.

Future Replacement Cost

Amount of money, as of fiscal year during which replacement of a reserve component is scheduled, that a reserve component is expected to cost to replace. This cost is calculated using the current replacement cost compounded annually by the inflation parameter.

Global Parameters

Financial parameters used to calculate reserve analysis. See also "inflation parameter," "contribution increase parameter," "investment rate parameter" and "taxes on investments parameter."

Inflation Parameter

Rate used in calculation of future costs for reserve components. This rate is used on an annual compounding basis. This rate represents rate the association expects the cost of goods and services relating to their reserve components to increase each year.

Interest Contribution

Amount of money contributed to reserve fund by interest earned on reserve fund and member contributions.

Investment Rate Parameter

Gross rate used in calculation of interest contribution (interest earned) from reserve balance and member contributions. This rate (net of taxes on investments parameter) is used on a monthly compounding basis. This parameter represents the weighted average interest rate association expects to earn on their reserve fund investments.

Membership Contribution

Amount of money contributed to reserve fund by association's membership.

Minimum Cash Flow Calculation Method

Reserve funding calculation method developed based on total annual expenditures. A more detailed description of the actual calculation process is included in the "reserve funding calculation methods" section of the preface.

Monthly Contribution (and "Fixed" Monthly Contribution)

Amount of money, for fiscal year which reserve analysis is prepared, that a reserve component will be funded.

Monthly contribution is considered "fixed" when the normal calculation process is bypassed and a specific amount of money is funded to a reserve component. For example, if the normal calculation process funds \$1,000 to the roofs each month, but the association would like to show \$500 funded to roofs each month, a "fixed" contribution of \$500 can be assigned.

Number of Units (or other assessment basis)

Number of units for which reserve analysis is prepared. In "phased" developments, this number represents the number of units, and corresponding common area components, that exist as of a certain point in time.

For some associations, assessments and reserve contributions are based on a unit of measure other than number of units. Examples include time-interval weeks for timeshare resorts or lot acreage (or square feet) for commercial/industrial developments.

One-Time Replacement

Used for components that will be budgeted for only once.

Percent Funded

Measure of association's reserve fund "health," expressed as a percentage, as of a certain point in time. This number is the ratio of anticipated reserve fund balance to fully funded reserve balance:

$$\text{Percent Funded} = \frac{\text{Anticipated Reserve Fund Balance}}{\text{Fully Funded Reserve Balance}}$$

Laguna Hills Civic Center

Preface

Reserve fund health:

Green	Good	> 65%
Yellow	Fair	40% to 65%
Red	Poor	< 40%

An association that is 100% funded does not have all reserve funds necessary to replace all of its reserve components immediately; it has the proportionately appropriate reserve funds for reserve components it maintains, based on each component's current replacement cost, age and useful life.

Percentage of Replacement

Percentage of reserve component that is expected to be replaced.

For most reserve components, this percentage is 100%. In some cases, this percentage may be more or less than 100%. For example, fencing which is shared with a neighboring community may be set at 50%. Another example would be a component where partial replacement is expected, such as interior doors.

Placed-In-Service Date

Date (month and year) that a reserve component was originally put into service or last replaced.

Remaining Life

Length of time, in years, until a reserve component is scheduled to be replaced.

Remaining Life Adjustment

Length of time, in years, that a reserve component is expected to last in excess (or deficiency) of its useful life for current cycle of replacement (only).

If current cycle of replacement for a reserve component is expected to be greater than or less than the "normal" life expectancy, the reserve component's life should be adjusted using a remaining life adjustment.

For example, if wood trim is painted normally on a 4 year cycle, useful life should be 4 years. However, when it comes time to paint the wood trim and it is determined that it can be deferred for an additional year, useful life should remain at 4 years and a remaining life adjustment of +1 year should be used.

Replacement Year

Fiscal year that a reserve component is scheduled to be replaced.

Reserve Components

Line items included in the reserve analysis.

Taxes on Investments Parameter

Rate used to offset investment rate parameter in the calculation of interest contribution. This parameter represents the marginal tax rate association expects to pay on interest earned by reserve funds and member contributions.

Total Contribution

Sum of membership contribution and interest contribution.

Useful Life

Length of time, in years, that a reserve component is expected to last each time it is replaced. See also "remaining life adjustment."

Laguna Hills Civic Center

Preface

◆ ◆ ◆ ◆ LIMITATIONS OF RESERVE ANALYSIS ◆ ◆ ◆ ◆

This reserve analysis is intended as a tool for the association's Board of Directors to be used in evaluating the association's current physical and financial condition with regard to reserve components. The results of this reserve analysis represent the independent opinion of the preparer. There is no implied warranty or guarantee of this work product.

For the purposes of this reserve analysis, it has been assumed that all components have been installed properly, no construction defects exist and all components are operational. Additionally, it has been assumed that all components will be maintained properly in the future.

Representations set forth in this reserve analysis are based on the best information and estimates of the preparer as of the date of this analysis. These estimates are subject to change. This reserve analysis includes estimates of replacement costs and life expectancies as well as assumptions regarding future events. Some estimates are projections of future events based on information currently available and are not necessarily indicative of the actual future outcome. The longer the time period between the estimate and the estimated event, the more likely the possibility of error and/or discrepancy. For example, some assumptions inevitably will not materialize and unanticipated events and circumstances may occur subsequent to the preparation of this reserve analysis. Therefore, the actual replacement costs and remaining lives may vary from this reserve analysis and the variation may be significant. Additionally, inflation and other economic events may impact this reserve analysis, particularly over an extended period of time and those events could have a significant and negative impact on the accuracy of this reserve analysis and, further, the funds available to meet the association's obligation for repair, replacement or other maintenance of major components during their estimated useful life. Furthermore, the occurrence of vandalism, severe weather conditions, climate change, earthquakes, floods, acts of nature or other unforeseen events cannot be predicted and/or accounted for and are excluded when assessing life expectancy, repair and/or replacement costs of the reserve components.

Laguna Hills Civic Center

Executive Summary

Directed Cash Flow Method

Client Information

Account Number	12692(A)
Version Number	1
Analysis Date	11/10/2023
Fiscal Year	1/1/2024 to 12/31/2024
Number of facility	1

Global Parameters

Inflation Rate	3.00%
Annual Contribution Increase	3.00%
Investment Rate	3.00%
Taxes on Investments	0.00%
Contingency	3.00%

Community Profile

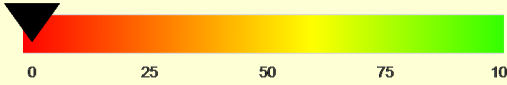
The Laguna Hills Civic Center consists of a 55,881 sq. ft. building on approximately 4 acres of land that was purchased by the City of Laguna Hills in 2002 for \$6.2 million. In 2004, the building underwent an addition and extensive renovation of the interior and exterior. The City of Laguna Hills currently occupies approximately 21,033 sq. ft. of space with an additional 34,848 sq. ft. of leasable area.

Many of the building's components were replaced during the renovation in 2004. For budgeting purposes, we have used the actual placed-in-service dates for aging the components wherever available. For components where the actual placed-in-service dates were not available to us, we have estimated the placed-in-service dates based on the condition of the components during our site visits.

At the request of the client, we have included only those reserve components with a replacement cost of \$20,000 or greater in this analysis.

ARS site visits conducted: October 26, 2023 and November 7, 2007

Adequacy of Reserves as of January 1, 2024

Anticipated Reserve Balance		\$0.00
Fully Funded Reserve Balance		\$4,047,055.57
Percent Funded	0 25 50 75 100	0.00%

Funding for the 2024 Fiscal Year	Annual	Monthly	Per facility Per Month
Member Contribution	\$850,000	\$70,833.33	\$70,833.33
Interest Contribution	\$7,755	\$646.28	\$646.28
Total Contribution	\$857,755	\$71,479.61	\$71,479.61

Laguna Hills Civic Center

Preparer's Disclosure Statement

In July 1998, Steve Jackson was awarded the Reserve Specialist (RS) designation from Community Associations Institute (CAI). Mr. Jackson was the seventh person in the United States to receive this professional designation.

The RS designation was developed by CAI for professional reserve analysts who wish to confirm to their peers and/or clients that they have demonstrated a basic level of competency within the industry. The RS designation is awarded to reserve analysts who are dedicated to the highest standards of professionalism and reserve analysis preparation.

Consultant certifies that:

1) Consultant has no other involvement with client which could result in actual or perceived conflicts of interest.

2) Consultant made site visit of project on October 26, 2023. Consultant made a prior site visit on November 7, 2007. Component inventories were developed by actual field inventory, representative sampling, take-offs of scaled plans, provided by the client's previous reserve analysis prepared by another firm or provided by the client.

Component conditional assessments were developed by actual field observation and representative sampling.

3) Financial assumptions used in this analysis are listed on the Executive Summary and further explained in the Preface of this report.

4) Consultant is a Reserve Specialist (RS) designee.

5) There are no material issues known to consultant at this time which would cause a distortion of the client's situation.

Laguna Hills Civic Center

Photo Library



Entry Monument



Park Bench & Trellis



Building Entry with Fountain



Parking Lot

Laguna Hills Civic Center

Photo Library



Lobby



Lobby



Council Chamber



Council Chamber

Laguna Hills Civic Center

Photo Library



Restroom



Restroom



Restroom



Restroom

Laguna Hills Civic Center

Photo Library



Cooling Tower



Emergency Diesel Generator



Package Unit on Roof



Package Unit on Roof

Laguna Hills Civic Center

Photo Library



Boiler



Fire Control Panel



Pumps (Cooling Tower)



Elevator Hydraulic Pumps

Laguna Hills Civic Center

Photo Library



Flat Roof



Flat Roof



Tile Roof



Tile Roof

Laguna Hills Civic Center

Photo Library



Building Exterior



Building Exterior



Building Exterior



Building Exterior

Laguna Hills Civic Center

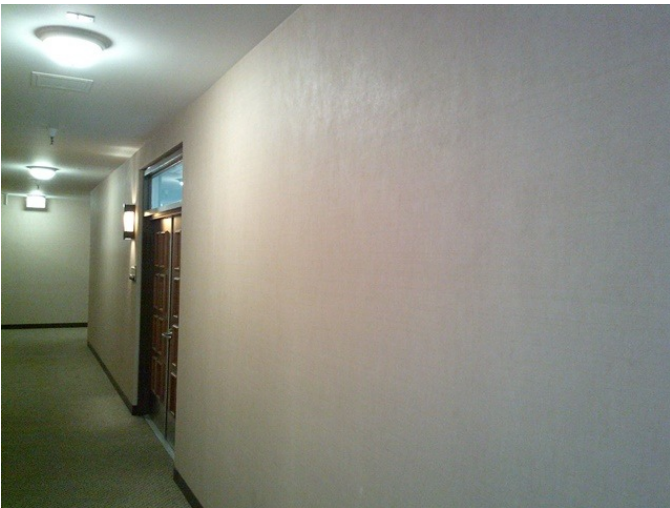
Photo Library



Common Hallway



Common Hallway



Common Hallway



Common Hallway

Laguna Hills Civic Center
Cross-Tabular Summary
Directed Cash Flow Method; Sorted by Category

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
BEGINNING RESERVE BALANCE	\$0	\$725,255	\$879,087	\$919,858	\$1,373,112	\$1,855,809	\$2,396,280	\$2,967,710	\$3,571,477	\$3,967,063
Member Contribution	\$850,000	\$850,000	\$850,000	\$450,000	\$463,500	\$477,405	\$491,727	\$506,479	\$521,673	\$537,324
Interest Contribution	\$7,755	\$12,296	\$13,500	\$33,304	\$47,335	\$63,066	\$79,703	\$97,288	\$108,721	\$125,136
Expenditures (detailed below)	\$132,500	\$708,465	\$822,728	\$30,050	\$28,138	\$0	\$0	\$0	\$234,809	\$97,858
ENDING RESERVE BALANCE	\$725,255	\$879,087	\$919,858	\$1,373,112	\$1,855,809	\$2,396,280	\$2,967,710	\$3,571,477	\$3,967,063	\$4,531,665
Concrete - Mastic, Unfunded										
Concrete - Replacement										
Streets - Asphalt, Overlay/Major Rehab									\$203,139	
Streets - Asphalt, Repair/Seal & Stripe	\$25,000				\$28,138				\$31,669	
Roofs - Built Up			\$183,111							
Roofs - Tile			\$403,566							
Painting - Exterior		\$95,687								
Painting - Interior		\$139,823								
Fencing - Metal										
Walls - Masonry										
Lighting - Exterior, Building										
Lighting - Exterior, Grounds										
Lighting - Interior										
Building Interior - Ceiling Panels										
Building Interior - Council Chamber, Desks										
Building Interior - Floor, Carpet		\$290,514								
Building Interior - Floor, Stairwells										
Building Interior - Floor, Tile										
Building Interior - Restrooms, City Suites										
Building Interior - Restrooms, Common (Floor 1)										
Building Interior - Restrooms, Common (Floor 2)										
Building Interior - Restrooms, Common (Floor 3)										
Building Interior - Room Partition										
Building Interior - Wallpaper		\$146,392								
Plumbing - Repipe, Fresh Water Lines										

Laguna Hills Civic Center
Cross-Tabular Summary
Directed Cash Flow Method; Sorted by Category

	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
BEGINNING RESERVE BALANCE	\$4,531,665	\$967,535	\$635,197	\$1,056,387	\$1,540,274	\$2,052,432	\$2,315,324	\$2,838,055	\$3,432,833	\$3,670,642
Member Contribution	\$553,443	\$420,000	\$432,600	\$445,578	\$458,945	\$472,714	\$486,895	\$501,502	\$516,547	\$532,043
Interest Contribution	\$19,670	\$12,004	\$24,234	\$38,309	\$53,212	\$60,751	\$75,954	\$93,276	\$100,054	\$111,023
Expenditures (detailed below)	\$4,137,243	\$764,342	\$35,644	\$0	\$0	\$270,572	\$40,118	\$0	\$378,791	\$263,026
ENDING RESERVE BALANCE	\$967,535	\$635,197	\$1,056,387	\$1,540,274	\$2,052,432	\$2,315,324	\$2,838,055	\$3,432,833	\$3,670,642	\$4,050,683
Concrete - Mastic, Unfunded										
Concrete - Replacement										
Streets - Asphalt, Overlay/Major Rehab										
Streets - Asphalt, Repair/Seal & Stripe			\$35,644				\$40,118			
Roofs - Built Up										
Roofs - Tile										
Painting - Exterior		\$128,595								
Painting - Interior		\$187,910								
Fencing - Metal	\$43,543									
Walls - Masonry						\$56,819				
Lighting - Exterior, Building		\$57,411								
Lighting - Exterior, Grounds	\$172,021									
Lighting - Interior	\$336,181									
Building Interior - Ceiling Panels	\$111,881									
Building Interior - Council Chamber, Desks	\$312,057									
Building Interior - Floor, Carpet		\$390,426								
Building Interior - Floor, Stairwells	\$34,883									
Building Interior - Floor, Tile	\$427,669									
Building Interior - Restrooms, City Suites	\$121,322									
Building Interior - Restrooms, Common (Floor 1)	\$190,863									
Building Interior - Restrooms, Common (Floor 2)	\$147,643									
Building Interior - Restrooms, Common (Floor 3)	\$147,643									
Building Interior - Room Partition	\$100,794									
Building Interior - Wallpaper										
Plumbing - Repipe, Fresh Water Lines	\$403,175									

Laguna Hills Civic Center
Cross-Tabular Summary
Directed Cash Flow Method; Sorted by Category

	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
BEGINNING RESERVE BALANCE	\$4,050,683	\$3,932,963	\$3,306,374	\$3,655,601	\$4,317,987	\$5,022,293	\$5,819,147	\$6,659,561	\$7,545,440	\$8,419,825
Member Contribution	\$548,005	\$564,445	\$581,378	\$598,820	\$616,784	\$635,288	\$654,346	\$673,977	\$694,196	\$715,022
Interest Contribution	\$107,292	\$88,532	\$98,568	\$117,841	\$138,342	\$161,566	\$186,068	\$211,902	\$237,387	\$260,635
Expenditures (detailed below)	\$773,016	\$1,279,566	\$330,719	\$54,274	\$50,820	\$0	\$0	\$0	\$57,198	\$176,742
ENDING RESERVE BALANCE	\$3,932,963	\$3,306,374	\$3,655,601	\$4,317,987	\$5,022,293	\$5,819,147	\$6,659,561	\$7,545,440	\$8,419,825	\$9,218,739
Concrete - Mastic, Unfunded										
Concrete - Replacement	\$727,863									
Streets - Asphalt, Overlay/Major Rehab										
Streets - Asphalt, Repair/Seal & Stripe	\$45,153				\$50,820				\$57,198	
Roofs - Built Up			\$330,719							
Roofs - Tile										
Painting - Exterior		\$172,821								
Painting - Interior		\$252,535								
Fencing - Metal										
Walls - Masonry										
Lighting - Exterior, Building										
Lighting - Exterior, Grounds										
Lighting - Interior										
Building Interior - Ceiling Panels										
Building Interior - Council Chamber, Desks										
Building Interior - Floor, Carpet		\$524,700								
Building Interior - Floor, Stairwells										
Building Interior - Floor, Tile										
Building Interior - Restrooms, City Suites										
Building Interior - Restrooms, Common (Floor 1)										
Building Interior - Restrooms, Common (Floor 2)										
Building Interior - Restrooms, Common (Floor 3)										
Building Interior - Room Partition										
Building Interior - Wallpaper		\$264,400								
Plumbing - Repipe, Fresh Water Lines										

Laguna Hills Civic Center
Cross-Tabular Summary
Directed Cash Flow Method; Sorted by Category

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
BEGINNING RESERVE BALANCE	\$0	\$725,255	\$879,087	\$919,858	\$1,373,112	\$1,855,809	\$2,396,280	\$2,967,710	\$3,571,477	\$3,967,063
Member Contribution	\$850,000	\$850,000	\$850,000	\$450,000	\$463,500	\$477,405	\$491,727	\$506,479	\$521,673	\$537,324
Interest Contribution	\$7,755	\$12,296	\$13,500	\$33,304	\$47,335	\$63,066	\$79,703	\$97,288	\$108,721	\$125,136
Expenditures (detailed below)	\$132,500	\$708,465	\$822,728	\$30,050	\$28,138	\$0	\$0	\$0	\$234,809	\$97,858
ENDING RESERVE BALANCE	\$725,255	\$879,087	\$919,858	\$1,373,112	\$1,855,809	\$2,396,280	\$2,967,710	\$3,571,477	\$3,967,063	\$4,531,665
Plumbing - Repipe, Sewer Lines										
Building Exterior - Decks & Stairs										
Building Exterior - Doors										
Building Exterior - Termite Control	\$107,500									
Equipment - Back Up Generator										
Equipment - Electronic/Office, Unfunded										
Equipment - Elevators, Cab Refurbish		\$36,050								
Equipment - Elevators, Modernization										
Equipment - Fire Control Panel, Unfunded										
Equipment - HVAC, Boiler				\$30,050						
Equipment - HVAC, Cooling Tower (Refurbish)										\$97,858
Equipment - HVAC, Cooling Tower (Replace)										
Equipment - HVAC, Package Units			\$188,310							
Equipment - HVAC, Pumps/Motors			\$47,741							
Equipment - Surveillance System, Unfunded										
Grounds - Flag Poles, Unfunded										
Grounds - Fountain										
Grounds - Monument Signs, Unfunded										
Grounds - Park Furnishings										

Laguna Hills Civic Center
Cross-Tabular Summary
Directed Cash Flow Method; Sorted by Category

	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
BEGINNING RESERVE BALANCE	\$4,531,665	\$967,535	\$635,197	\$1,056,387	\$1,540,274	\$2,052,432	\$2,315,324	\$2,838,055	\$3,432,833	\$3,670,642
Member Contribution	\$553,443	\$420,000	\$432,600	\$445,578	\$458,945	\$472,714	\$486,895	\$501,502	\$516,547	\$532,043
Interest Contribution	\$19,670	\$12,004	\$24,234	\$38,309	\$53,212	\$60,751	\$75,954	\$93,276	\$100,054	\$111,023
Expenditures (detailed below)	\$4,137,243	\$764,342	\$35,644	\$0	\$0	\$270,572	\$40,118	\$0	\$378,791	\$263,026
ENDING RESERVE BALANCE	\$967,535	\$635,197	\$1,056,387	\$1,540,274	\$2,052,432	\$2,315,324	\$2,838,055	\$3,432,833	\$3,670,642	\$4,050,683
Plumbing - Repipe, Sewer Lines	\$335,979									
Building Exterior - Decks & Stairs						\$46,272				
Building Exterior - Doors	\$185,192									
Building Exterior - Termite Control						\$167,481				
Equipment - Back Up Generator	\$167,990									
Equipment - Electronic/Office, Unfunded										
Equipment - Elevators, Cab Refurbish										
Equipment - Elevators, Modernization	\$671,958									
Equipment - Fire Control Panel, Unfunded										
Equipment - HVAC, Boiler										
Equipment - HVAC, Cooling Tower (Refurbish)										
Equipment - HVAC, Cooling Tower (Replace)										\$263,026
Equipment - HVAC, Package Units									\$302,182	
Equipment - HVAC, Pumps/Motors									\$76,609	
Equipment - Surveillance System, Unfunded										
Grounds - Flag Poles, Unfunded										
Grounds - Fountain	\$80,635									
Grounds - Monument Signs, Unfunded										
Grounds - Park Furnishings	\$145,815									

Laguna Hills Civic Center
Cross-Tabular Summary
Directed Cash Flow Method; Sorted by Category

	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053
BEGINNING RESERVE BALANCE	\$4,050,683	\$3,932,963	\$3,306,374	\$3,655,601	\$4,317,987	\$5,022,293	\$5,819,147	\$6,659,561	\$7,545,440	\$8,419,825
Member Contribution	\$548,005	\$564,445	\$581,378	\$598,820	\$616,784	\$635,288	\$654,346	\$673,977	\$694,196	\$715,022
Interest Contribution	\$107,292	\$88,532	\$98,568	\$117,841	\$138,342	\$161,566	\$186,068	\$211,902	\$237,387	\$260,635
Expenditures (detailed below)	\$773,016	\$1,279,566	\$330,719	\$54,274	\$50,820	\$0	\$0	\$0	\$57,198	\$176,742
ENDING RESERVE BALANCE	\$3,932,963	\$3,306,374	\$3,655,601	\$4,317,987	\$5,022,293	\$5,819,147	\$6,659,561	\$7,545,440	\$8,419,825	\$9,218,739
Plumbing - Repipe, Sewer Lines										
Building Exterior - Decks & Stairs										
Building Exterior - Doors										
Building Exterior - Termite Control										
Equipment - Back Up Generator										
Equipment - Electronic/Office, Unfunded										
Equipment - Elevators, Cab Refurbish		\$65,110								
Equipment - Elevators, Modernization										
Equipment - Fire Control Panel, Unfunded										
Equipment - HVAC, Boiler				\$54,274						
Equipment - HVAC, Cooling Tower (Refurbish)										\$176,742
Equipment - HVAC, Cooling Tower (Replace)										
Equipment - HVAC, Package Units										
Equipment - HVAC, Pumps/Motors										
Equipment - Surveillance System, Unfunded										
Grounds - Flag Poles, Unfunded										
Grounds - Fountain										
Grounds - Monument Signs, Unfunded										
Grounds - Park Furnishings										

Laguna Hills Civic Center

Calculation of Percent Funded

Sorted by Category; Alphabetical

	Remaining Life	Useful Life	Current Cost	Fully Funded Balance
<u>010 Asphalt & Concrete</u>				
Concrete - Mastic, Unfunded	n.a.	n.a.	\$0.00	\$0.00
Concrete - Replacement	20	40	\$403,000.00	\$201,500.00
Streets - Asphalt, Overlay/Major Rehab	8	24	\$160,360.00	\$106,906.67
Streets - Asphalt, Repair/Seal & Stripe	0	4	\$25,000.00	\$25,000.00
Sub Total	0-20	4-40	\$588,360.00	\$333,406.67
<u>020 Roofs</u>				
Roofs - Built Up	2	20	\$172,600.00	\$156,909.09
Roofs - Tile	2	40	\$380,400.00	\$345,818.18
Sub Total	2	20-40	\$553,000.00	\$502,727.27
<u>030 Painting</u>				
Painting - Exterior	1	10	\$92,900.00	\$88,476.19
Painting - Interior	1	10	\$135,750.00	\$122,175.00
Sub Total	1	10	\$228,650.00	\$210,651.19
<u>040 Fencing/Walls</u>				
Fencing - Metal	10	30	\$32,400.00	\$21,600.00
Walls - Masonry	15	35	\$36,470.00	\$20,840.00
Sub Total	10-15	30-35	\$68,870.00	\$42,440.00
<u>050 Lighting</u>				
Lighting - Exterior, Building	11	20	\$41,475.00	\$26,758.06
Lighting - Exterior, Grounds	10	25	\$128,000.00	\$85,333.33
Lighting - Interior	10	30	\$250,150.00	\$166,766.67
Sub Total	10-11	20-30	\$419,625.00	\$278,858.06
<u>070 Building Interior</u>				
Building Interior - Ceiling Panels	10	30	\$83,250.00	\$55,500.00
Building Interior - Council Chamber, Desks	10	30	\$232,200.00	\$154,800.00
Building Interior - Floor, Carpet	1	10	\$282,052.00	\$268,620.95
Building Interior - Floor, Stairwells	10	30	\$25,956.00	\$17,304.00
Building Interior - Floor, Tile	10	30	\$318,226.23	\$212,150.82
Building Interior - Restrooms, City Suites	10	30	\$90,275.00	\$60,183.33
Building Interior - Restrooms, Common (Floor 1)	10	30	\$142,020.00	\$94,680.00
Building Interior - Restrooms, Common (Floor 2)	10	30	\$109,860.00	\$73,240.00
Building Interior - Restrooms, Common (Floor 3)	10	30	\$109,860.00	\$73,240.00
Building Interior - Room Partition	10	30	\$75,000.00	\$50,000.00
Building Interior - Wallpaper	1	20	\$142,128.00	\$135,360.00
Plumbing - Repipe, Fresh Water Lines	10	30	\$300,000.00	\$200,000.00

Laguna Hills Civic Center

Calculation of Percent Funded

Sorted by Category; Alphabetical

	Remaining Life	Useful Life	Current Cost	Fully Funded Balance
Plumbing - Repipe, Sewer Lines	10	30	\$250,000.00	\$166,666.67
Sub Total	1-10	10-30	\$2,160,827.23	\$1,561,745.77
<u>080 Building Exterior</u>				
Building Exterior - Decks & Stairs	15	15	\$29,700.00	\$0.00
Building Exterior - Doors	10	30	\$137,800.00	\$91,866.67
Building Exterior - Termite Control	0	15	\$107,500.00	\$107,500.00
Sub Total	0-15	15-30	\$275,000.00	\$199,366.67
<u>090 Equipment</u>				
Equipment - Back Up Generator	10	30	\$125,000.00	\$83,333.33
Equipment - Electronic/Office, Unfunded	n.a.	n.a.	\$0.00	\$0.00
Equipment - Elevators, Cab Refurbish	1	20	\$35,000.00	\$33,333.33
Equipment - Elevators, Modernization	10	30	\$500,000.00	\$333,333.33
Equipment - Fire Control Panel, Unfunded	n.a.	n.a.	\$0.00	\$0.00
Equipment - HVAC, Boiler	3	20	\$27,500.00	\$23,913.04
Equipment - HVAC, Cooling Tower (Refurbish)	9	20	\$75,000.00	\$5,769.23
Equipment - HVAC, Cooling Tower (Replace)	19	20	\$150,000.00	\$5,696.20
Equipment - HVAC, Package Units	2	16	\$177,500.00	\$161,363.64
Equipment - HVAC, Pumps/Motors	2	16	\$45,000.00	\$40,909.09
Equipment - Surveillance System, Unfunded	n.a.	n.a.	\$0.00	\$0.00
Sub Total	1-19	16-30	\$1,135,000.00	\$687,651.20
<u>100 Grounds</u>				
Grounds - Flag Poles, Unfunded	n.a.	n.a.	\$0.00	\$0.00
Grounds - Fountain	10	30	\$60,000.00	\$40,000.00
Grounds - Monument Signs, Unfunded	n.a.	n.a.	\$0.00	\$0.00
Grounds - Park Furnishings	10	20	\$108,500.00	\$72,333.33
Sub Total	10	20-30	\$168,500.00	\$112,333.33
Contingency	n.a.	n.a.	n.a.	\$117,875.41
Total	0-20	4-40	\$5,597,832.23	\$4,047,055.57
Anticipated Reserve Balance				\$0.00
Percent Funded				0.00%

Laguna Hills Civic Center
Management Summary
Directed Cash Flow Method; Sorted by Category

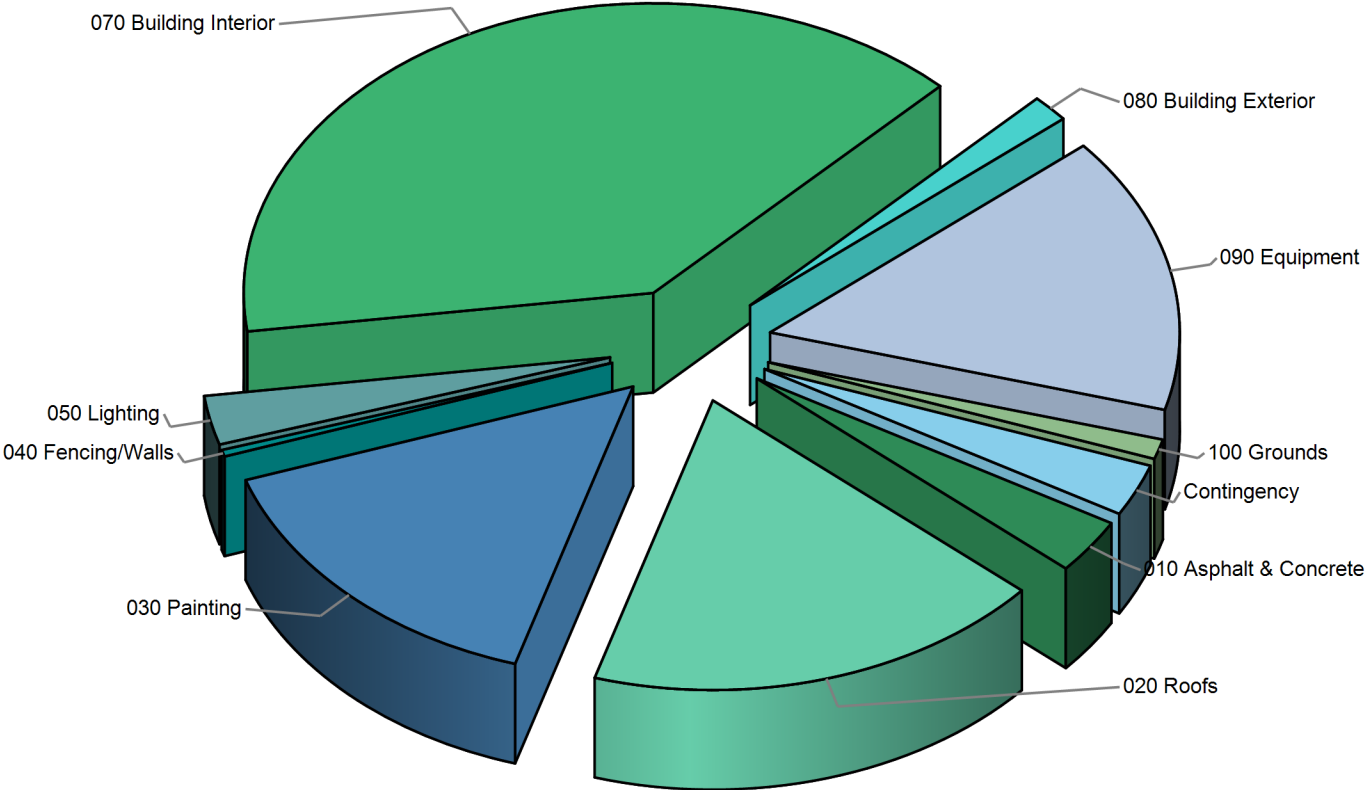
	Balance at Beginning of Year	Monthly Member Contribution	Monthly Interest Contribution	Total Monthly Contribution
<u>010 Asphalt & Concrete</u>				
Concrete - Mastic, Unfunded	\$0.00	\$0.00	\$0.00	\$0.00
Concrete - Replacement	\$0.00	\$939.19	\$8.57	\$947.76
Streets - Asphalt, Overlay/Major Rehab	\$0.00	\$936.57	\$8.55	\$945.11
Streets - Asphalt, Repair/Seal & Stripe	\$0.00	\$292.26	\$2.67	\$294.92
Sub Total	\$0.00	\$2,168.02	\$19.78	\$2,187.80
<u>020 Roofs</u>				
Roofs - Built Up	\$0.00	\$4,037.10	\$36.83	\$4,073.94
Roofs - Tile	\$0.00	\$8,897.53	\$81.18	\$8,978.71
Sub Total	\$0.00	\$12,934.63	\$118.01	\$13,052.65
<u>030 Painting</u>				
Painting - Exterior	\$0.00	\$4,346.73	\$39.66	\$4,386.39
Painting - Interior	\$0.00	\$6,351.65	\$57.95	\$6,409.60
Sub Total	\$0.00	\$10,698.37	\$97.61	\$10,795.99
<u>040 Fencing/Walls</u>				
Fencing - Metal	\$0.00	\$151.32	\$1.38	\$152.70
Walls - Masonry	\$0.00	\$113.44	\$1.04	\$114.47
Sub Total	\$0.00	\$264.76	\$2.42	\$267.18
<u>050 Lighting</u>				
Lighting - Exterior, Building	\$0.00	\$176.06	\$1.61	\$177.67
Lighting - Exterior, Grounds	\$0.00	\$597.82	\$5.45	\$603.27
Lighting - Interior	\$0.00	\$1,168.31	\$10.66	\$1,178.97
Sub Total	\$0.00	\$1,942.19	\$17.72	\$1,959.91
<u>070 Building Interior</u>				
Building Interior - Ceiling Panels	\$0.00	\$388.81	\$3.55	\$392.36
Building Interior - Council Chamber, Desks	\$0.00	\$1,084.47	\$9.89	\$1,094.37
Building Interior - Floor, Carpet	\$0.00	\$13,197.02	\$120.41	\$13,317.43
Building Interior - Floor, Stairwells	\$0.00	\$121.23	\$1.11	\$122.33
Building Interior - Floor, Tile	\$0.00	\$1,486.25	\$13.56	\$1,499.81
Building Interior - Restrooms, City Suites	\$0.00	\$421.62	\$3.85	\$425.47
Building Interior - Restrooms, Common (Floor 1)	\$0.00	\$663.29	\$6.05	\$669.35
Building Interior - Restrooms, Common (Floor 2)	\$0.00	\$513.09	\$4.68	\$517.78
Building Interior - Restrooms, Common (Floor 3)	\$0.00	\$513.09	\$4.68	\$517.78
Building Interior - Room Partition	\$0.00	\$350.28	\$3.20	\$353.48
Building Interior - Wallpaper	\$0.00	\$6,650.07	\$60.67	\$6,710.74
Plumbing - Repipe, Fresh Water Lines	\$0.00	\$1,401.13	\$12.78	\$1,413.91

Laguna Hills Civic Center
Management Summary
Directed Cash Flow Method; Sorted by Category

	Balance at Beginning of Year	Monthly Member Contribution	Monthly Interest Contribution	Total Monthly Contribution
Plumbing - Repipe, Sewer Lines	\$0.00	\$1,167.61	\$10.65	\$1,178.26
Sub Total	\$0.00	\$27,957.98	\$255.09	\$28,213.07
<u>080 Building Exterior</u>				
Building Exterior - Decks & Stairs	\$0.00	\$92.38	\$0.84	\$93.22
Building Exterior - Doors	\$0.00	\$643.59	\$5.87	\$649.46
Building Exterior - Termite Control	\$0.00	\$334.38	\$3.05	\$337.43
Sub Total	\$0.00	\$1,070.34	\$9.77	\$1,080.11
<u>090 Equipment</u>				
Equipment - Back Up Generator	\$0.00	\$583.80	\$5.33	\$589.13
Equipment - Electronic/Office, Unfunded	\$0.00	\$0.00	\$0.00	\$0.00
Equipment - Elevators, Cab Refurbish	\$0.00	\$1,637.63	\$14.94	\$1,652.57
Equipment - Elevators, Modernization	\$0.00	\$2,335.22	\$21.31	\$2,356.52
Equipment - Fire Control Panel, Unfunded	\$0.00	\$0.00	\$0.00	\$0.00
Equipment - HVAC, Boiler	\$0.00	\$428.73	\$3.91	\$432.64
Equipment - HVAC, Cooling Tower (Refurbish)	\$0.00	\$389.28	\$3.55	\$392.83
Equipment - HVAC, Cooling Tower (Replace)	\$0.00	\$368.05	\$3.36	\$371.41
Equipment - HVAC, Package Units	\$0.00	\$4,151.71	\$37.88	\$4,189.59
Equipment - HVAC, Pumps/Motors	\$0.00	\$1,052.55	\$9.60	\$1,062.15
Equipment - Surveillance System, Unfunded	\$0.00	\$0.00	\$0.00	\$0.00
Sub Total	\$0.00	\$10,946.96	\$99.88	\$11,046.84
<u>100 Grounds</u>				
Grounds - Flag Poles, Unfunded	\$0.00	\$0.00	\$0.00	\$0.00
Grounds - Fountain	\$0.00	\$280.23	\$2.56	\$282.78
Grounds - Monument Signs, Unfunded	\$0.00	\$0.00	\$0.00	\$0.00
Grounds - Park Furnishings	\$0.00	\$506.74	\$4.62	\$511.37
Sub Total	\$0.00	\$786.97	\$7.18	\$794.15
Contingency	\$0.00	\$2,063.11	\$18.82	\$2,081.93
Total	\$0.00	\$70,833.33	\$646.28	\$71,479.61

Laguna Hills Civic Center
Management / Accounting Charts
Directed Cash Flow Method; Sorted by Category

Monthly Member Contribution



010 Asphalt & Concrete (3%)	070 Building Interior (39%)
020 Roofs (18%)	080 Building Exterior (2%)
030 Painting (15%)	090 Equipment (15%)
040 Fencing/Walls (0%)	100 Grounds (1%)
050 Lighting (3%)	Contingency (3%)

Laguna Hills Civic Center

Annual Expenditures Sorted by Alphabetical

2024 Fiscal Year

Building Exterior - Termite Control	\$107,500.00
Streets - Asphalt, Repair/Seal & Stripe	\$25,000.00
Sub Total	\$132,500.00

2025 Fiscal Year

Building Interior - Floor, Carpet	\$290,513.56
Building Interior - Wallpaper	\$146,391.84
Equipment - Elevators, Cab Refurbish	\$36,050.00
Painting - Exterior	\$95,687.00
Painting - Interior	\$139,822.50
Sub Total	\$708,464.90

2026 Fiscal Year

Equipment - HVAC, Package Units	\$188,309.75
Equipment - HVAC, Pumps/Motors	\$47,740.50
Roofs - Built Up	\$183,111.34
Roofs - Tile	\$403,566.36
Sub Total	\$822,727.95

2027 Fiscal Year

Equipment - HVAC, Boiler	\$30,049.99
Sub Total	\$30,049.99

2028 Fiscal Year

Streets - Asphalt, Repair/Seal & Stripe	\$28,137.72
Sub Total	\$28,137.72

2032 Fiscal Year

Streets - Asphalt, Overlay/Major Rehab	\$203,139.25
Streets - Asphalt, Repair/Seal & Stripe	\$31,669.25
Sub Total	\$234,808.50

2033 Fiscal Year

Equipment - HVAC, Cooling Tower (Refurbish)	\$97,857.99
Sub Total	\$97,857.99

2034 Fiscal Year

Building Exterior - Doors	\$185,191.68
Building Interior - Ceiling Panels	\$111,881.04
Building Interior - Council Chamber, Desks	\$312,057.38
Building Interior - Floor, Stairwells	\$34,882.69

Laguna Hills Civic Center

Annual Expenditures Sorted by Alphabetical

Building Interior - Floor, Tile	\$427,669.44
Building Interior - Restrooms, City Suites	\$121,322.05
Building Interior - Restrooms, Common (Floor 1)	\$190,863.00
Building Interior - Restrooms, Common (Floor 2)	\$147,642.65
Building Interior - Restrooms, Common (Floor 3)	\$147,642.65
Building Interior - Room Partition	\$100,793.73
Equipment - Back Up Generator	\$167,989.55
Equipment - Elevators, Modernization	\$671,958.19
Fencing - Metal	\$43,542.89
Grounds - Fountain	\$80,634.98
Grounds - Park Furnishings	\$145,814.93
Lighting - Exterior, Grounds	\$172,021.30
Lighting - Interior	\$336,180.68
Plumbing - Repipe, Fresh Water Lines	\$403,174.91
Plumbing - Repipe, Sewer Lines	\$335,979.09
Sub Total	\$4,137,242.84

2035 Fiscal Year

Building Interior - Floor, Carpet	\$390,425.93
Lighting - Exterior, Building	\$57,411.10
Painting - Exterior	\$128,595.33
Painting - Interior	\$187,909.75
Sub Total	\$764,342.11

2036 Fiscal Year

Streets - Asphalt, Repair/Seal & Stripe	\$35,644.02
Sub Total	\$35,644.02

2039 Fiscal Year

Building Exterior - Decks & Stairs	\$46,271.63
Building Exterior - Termite Control	\$167,481.50
Walls - Masonry	\$56,819.07
Sub Total	\$270,572.20

2040 Fiscal Year

Streets - Asphalt, Repair/Seal & Stripe	\$40,117.66
Sub Total	\$40,117.66

2042 Fiscal Year

Equipment - HVAC, Package Units	\$302,181.87
Equipment - HVAC, Pumps/Motors	\$76,609.49
Sub Total	\$378,791.36

Laguna Hills Civic Center

Annual Expenditures Sorted by Alphabetical

2043 Fiscal Year

Equipment - HVAC, Cooling Tower (Replace)	\$263,025.91
Sub Total	\$263,025.91

2044 Fiscal Year

Concrete - Replacement	\$727,862.83
Streets - Asphalt, Repair/Seal & Stripe	\$45,152.78
Sub Total	\$773,015.61

2045 Fiscal Year

Building Interior - Floor, Carpet	\$524,699.80
Building Interior - Wallpaper	\$264,399.95
Equipment - Elevators, Cab Refurbish	\$65,110.31
Painting - Exterior	\$172,821.37
Painting - Interior	\$252,534.99
Sub Total	\$1,279,566.42

2046 Fiscal Year

Roofs - Built Up	\$330,719.45
Sub Total	\$330,719.45

2047 Fiscal Year

Equipment - HVAC, Boiler	\$54,273.63
Sub Total	\$54,273.63

2048 Fiscal Year

Streets - Asphalt, Repair/Seal & Stripe	\$50,819.85
Sub Total	\$50,819.85

2052 Fiscal Year

Streets - Asphalt, Repair/Seal & Stripe	\$57,198.19
Sub Total	\$57,198.19

2053 Fiscal Year

Equipment - HVAC, Cooling Tower (Refurbish)	\$176,742.41
Sub Total	\$176,742.41

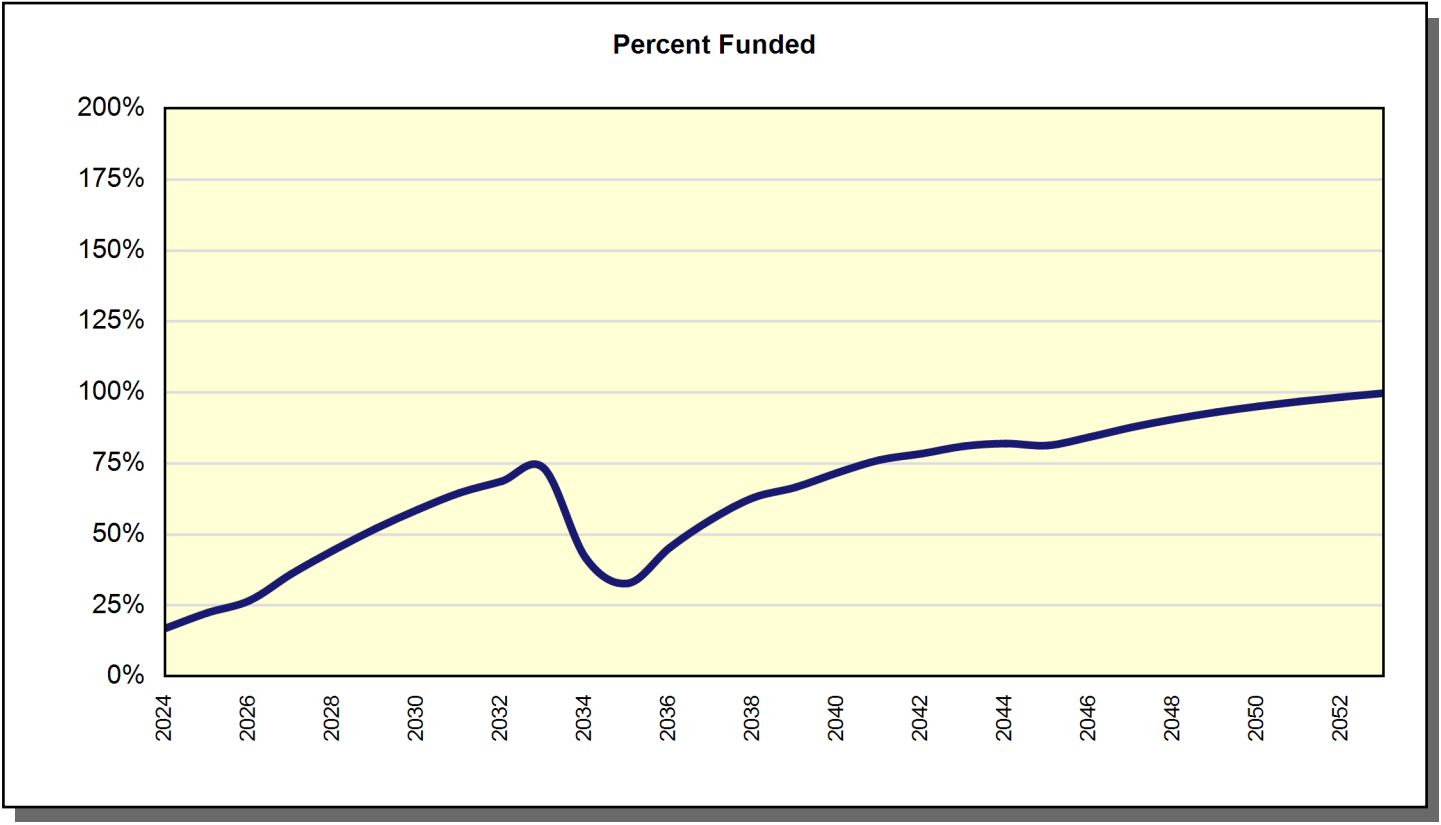
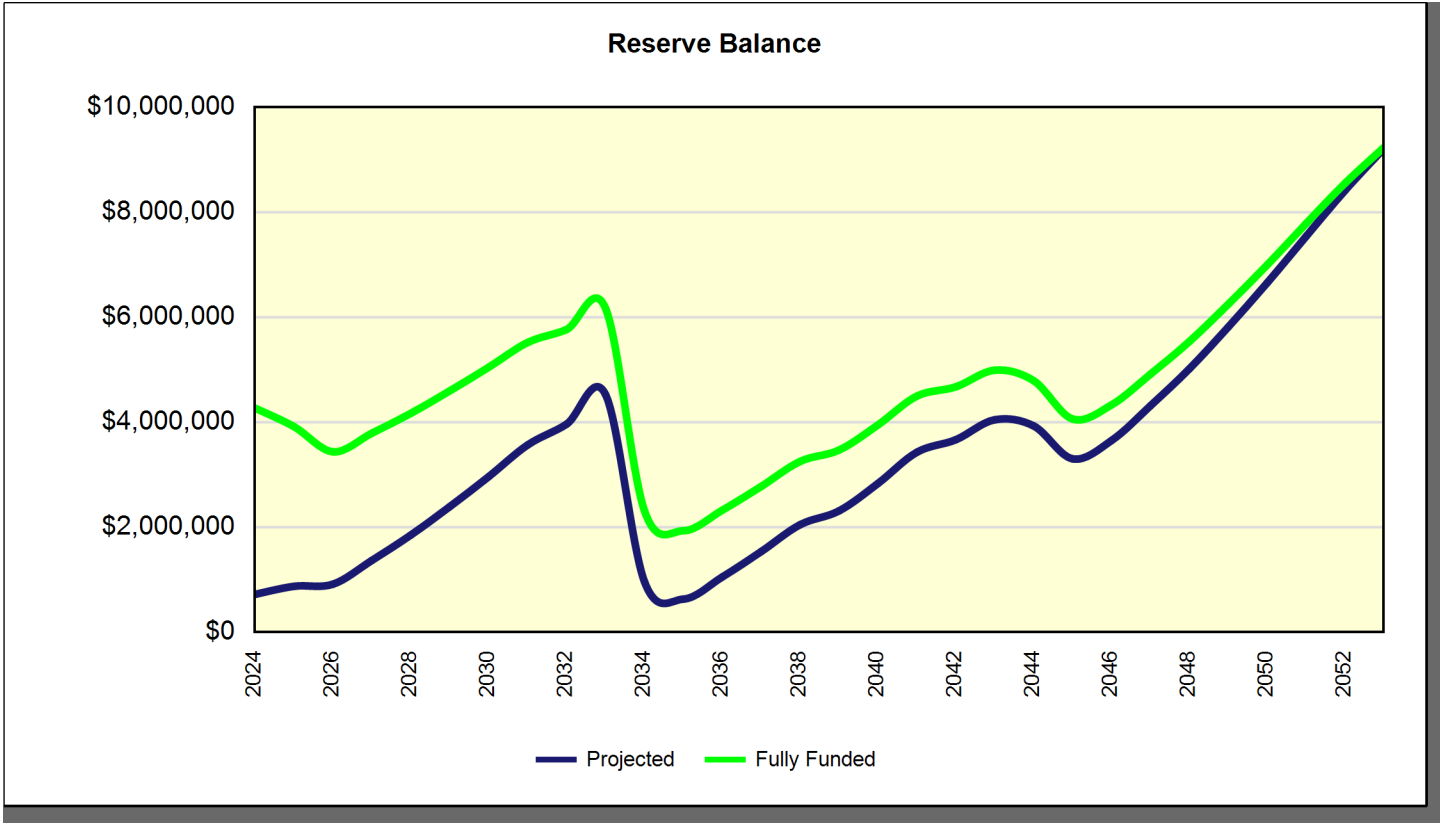
Laguna Hills Civic Center

Projections

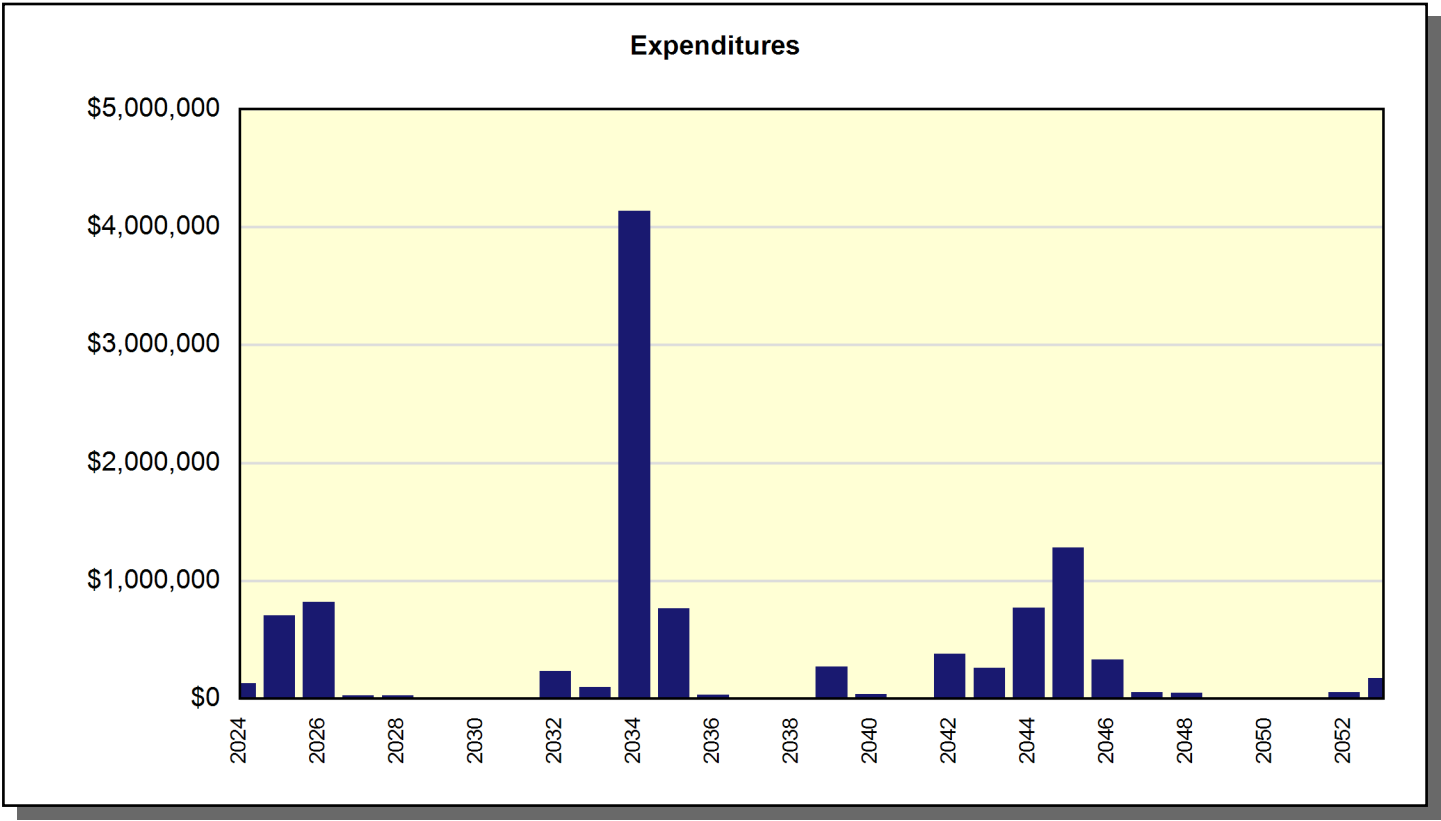
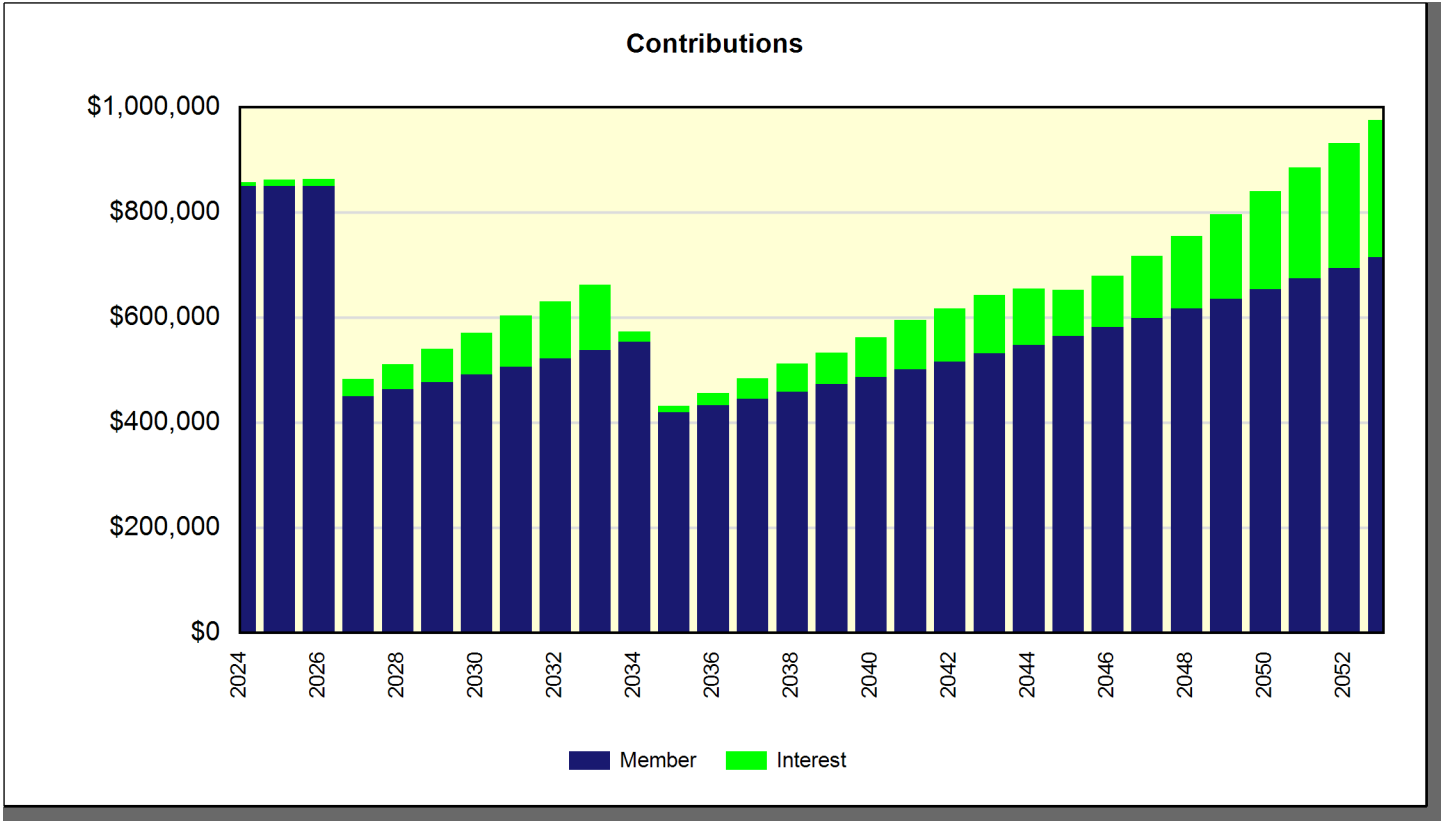
Directed Cash Flow Method

Fiscal Year	Beginning Balance	Member Contribution	Interest Contribution	Expenses	Ending Balance	Fully Funded Balance	Percent Funded
2024	\$0	\$850,000	\$7,755	\$132,500	\$725,255	\$4,270,576	17%
2025	\$725,255	\$850,000	\$12,296	\$708,465	\$879,087	\$3,918,963	22%
2026	\$879,087	\$850,000	\$13,500	\$822,728	\$919,858	\$3,440,131	27%
2027	\$919,858	\$450,000	\$33,304	\$30,050	\$1,373,112	\$3,796,387	36%
2028	\$1,373,112	\$463,500	\$47,335	\$28,138	\$1,855,809	\$4,173,908	44%
2029	\$1,855,809	\$477,405	\$63,066	\$0	\$2,396,280	\$4,601,409	52%
2030	\$2,396,280	\$491,727	\$79,703	\$0	\$2,967,710	\$5,050,805	59%
2031	\$2,967,710	\$506,479	\$97,288	\$0	\$3,571,477	\$5,523,022	65%
2032	\$3,571,477	\$521,673	\$108,721	\$234,809	\$3,967,063	\$5,769,919	69%
2033	\$3,967,063	\$537,324	\$125,136	\$97,858	\$4,531,665	\$6,173,966	73%
2034	\$4,531,665	\$553,443	\$19,670	\$4,137,243	\$967,535	\$2,318,589	42%
2035	\$967,535	\$420,000	\$12,004	\$764,342	\$635,197	\$1,937,399	33%
2036	\$635,197	\$432,600	\$24,234	\$35,644	\$1,056,387	\$2,328,654	45%
2037	\$1,056,387	\$445,578	\$38,309	\$0	\$1,540,274	\$2,780,590	55%
2038	\$1,540,274	\$458,945	\$53,212	\$0	\$2,052,432	\$3,257,546	63%
2039	\$2,052,432	\$472,714	\$60,751	\$270,572	\$2,315,324	\$3,473,567	67%
2040	\$2,315,324	\$486,895	\$75,954	\$40,118	\$2,838,055	\$3,952,718	72%
2041	\$2,838,055	\$501,502	\$93,276	\$0	\$3,432,833	\$4,501,329	76%
2042	\$3,432,833	\$516,547	\$100,054	\$378,791	\$3,670,642	\$4,677,440	78%
2043	\$3,670,642	\$532,043	\$111,023	\$263,026	\$4,050,683	\$4,994,761	81%
2044	\$4,050,683	\$548,005	\$107,292	\$773,016	\$3,932,963	\$4,794,236	82%
2045	\$3,932,963	\$564,445	\$88,532	\$1,279,566	\$3,306,374	\$4,064,386	81%
2046	\$3,306,374	\$581,378	\$98,568	\$330,719	\$3,655,601	\$4,333,787	84%
2047	\$3,655,601	\$598,820	\$117,841	\$54,274	\$4,317,987	\$4,919,501	88%
2048	\$4,317,987	\$616,784	\$138,342	\$50,820	\$5,022,293	\$5,541,849	91%
2049	\$5,022,293	\$635,288	\$161,566	\$0	\$5,819,147	\$6,252,643	93%
2050	\$5,819,147	\$654,346	\$186,068	\$0	\$6,659,561	\$7,001,097	95%
2051	\$6,659,561	\$673,977	\$211,902	\$0	\$7,545,440	\$7,788,830	97%
2052	\$7,545,440	\$694,196	\$237,387	\$57,198	\$8,419,825	\$8,556,845	98%
2053	\$8,419,825	\$715,022	\$260,635	\$176,742	\$9,218,739	\$9,238,927	100%

Laguna Hills Civic Center
Projection Charts
Directed Cash Flow Method



Laguna Hills Civic Center
Projection Charts
Directed Cash Flow Method



Laguna Hills Civic Center
Component Detail
Directed Cash Flow Calculation Method; Sorted By Category

Concrete - Mastic, Unfunded

Category	010 Asphalt & Concrete	Quantity	1,865 sq. ft.
		Unit Cost	\$0.00
		% of Replacement	0.00%
		Current Cost	\$0.00
Placed In Service	01/2004	Future Cost	\$0.00
Useful Life	n.a.		
		Assigned Reserves at FYB	\$0.00
Remaining Life	n.a.	Monthly Member Contribution	\$0.00
Replacement Year	n.a.	Monthly Interest Contribution	\$0.00
		Total Monthly Contribution	\$0.00

Mastic material (deck caulking) prevents moisture from seeping through the expansion joints in the concrete deck, which otherwise could result in cracking these surfaces. The mastic material should be carefully monitored for deterioration and replaced as soon as water tight integrity is lost.

We have excluded budgeting for this component as we anticipate it will be replaced on an as-needed basis and the cost would fall below the \$20,000 threshold the City has established.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Concrete - Replacement

Category	010 Asphalt & Concrete	Quantity	15,500 sq. ft.
		Unit Cost	\$26.00
		% of Replacement	100.00%
		Current Cost	\$403,000.00
Placed In Service	01/2004	Future Cost	\$727,862.83
Useful Life	40		
		Assigned Reserves at FYB	\$0.00
Remaining Life	20	Monthly Member Contribution	\$939.19
Replacement Year	2044	Monthly Interest Contribution	\$8.57
		Total Monthly Contribution	\$947.76

The inventory for this component represents the decorative, colored concrete at the walkways surrounding the civic center. We have budgeted for complete replacement of this concrete on a 40-year cycle. Minor repairs, as needed, should be addressed immediately as a maintenance issue due to safety concerns. The overall condition of the concrete should be monitored through time and the estimates adjusted accordingly.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Streets - Asphalt, Overlay/Major Rehab

Category	010 Asphalt & Concrete	Quantity	80,180 sq. ft.
		Unit Cost	\$4.00
		% of Replacement	50.00%
		Current Cost	\$160,360.00
Placed In Service	01/2008	Future Cost	\$203,139.25
Useful Life	24		
		Assigned Reserves at FYB	\$0.00
Remaining Life	8	Monthly Member Contribution	\$936.57
Replacement Year	2032	Monthly Interest Contribution	\$8.55
		Total Monthly Contribution	\$945.11

Most asphalt areas can be expected to last approximately 20 years before it will become necessary for an overlay to be applied. This can double the life of the surface upon application. It will be necessary to adjust manhole and valve covers at the time the overlay is applied. Deflection testing should be conducted by an independent consultant near the end of the estimated useful life to determine the condition of the asphalt and estimated remaining life before the overlay is required.

In addition to this service, a consultant may be obtained to prepare the application specifications, and to work with the contractor during actual installation. It is recommended that the client obtain bids for such a consultation near the end of the estimated useful life. As costs vary, a provision for this consulting has not been included in this cost estimate. Should the client request, this cost can be incorporated into this analysis.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Streets - Asphalt, Repair/Seal & Stripe

Category	010 Asphalt & Concrete	Quantity	1 total
		Unit Cost	\$25,000.00
		% of Replacement	100.00%
		Current Cost	\$25,000.00
		Future Cost	\$28,137.72
Placed In Service	01/2020		
Useful Life	4		
		Assigned Reserves at FYB	\$0.00
Remaining Life	0	Monthly Member Contribution	\$292.26
Replacement Year	2024	Monthly Interest Contribution	\$2.67
		Total Monthly Contribution	\$294.92

There is a total of 80,180 sq. ft. of asphalt.

Asphalt surfaces should be seal coated within 3 years of their initial installation. Thereafter, a 3 to 5 year cycle should be observed and adjusted according to the client's particular needs.

We have budgeted for the asphalt to be repaired on the same cycle and in conjunction with the seal coating of the asphalt.

The cost for this component is based on actual quotations provided to the client. The unit cost includes any restriping that may be necessary.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Roofs - Built Up

Category	020 Roofs	Quantity	8,630 sq. ft.
		Unit Cost	\$20.00
		% of Replacement	100.00%
		Current Cost	\$172,600.00
Placed In Service	01/2004	Future Cost	\$183,111.34
Useful Life	20		
Adjustment	+2	Assigned Reserves at FYB	\$0.00
Remaining Life	2	Monthly Member Contribution	\$4,037.10
Replacement Year	2026	Monthly Interest Contribution	\$36.83
		Total Monthly Contribution	\$4,073.94

The roofing specifications are unknown; therefore, the cost used for this built-up roof is based on replacing it with a 3 ply roof membrane. The useful life used is based on the assumption that the roof will be inspected annually and maintained as needed.

The remaining life of this component has been extended due to its condition at our most recent site visit.

In order to ensure a high quality installation, the client may wish to obtain the services of an independent roofing consultant to work with the client and the roofing contractor providing installation. Consultants are available for the preparation of installation specifications and, if desired, to work with the contractor during the installation process. Fees for these services vary based on the size of the project and detail required by the client, and have not been included in the cost used for this component. Should the client desire, a provision for a consultant can be incorporated into this analysis.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Roofs - Tile			
Category	020 Roofs	Quantity	23,775 sq. ft.
		Unit Cost	\$16.00
		% of Replacement	100.00%
		Current Cost	\$380,400.00
Placed In Service	01/2004	Future Cost	\$403,566.36
Useful Life	40		
Adjustment	-18	Assigned Reserves at FYB	\$0.00
Remaining Life	2	Monthly Member Contribution	\$8,897.53
Replacement Year	2026	Monthly Interest Contribution	\$81.18
		Total Monthly Contribution	\$8,978.71

Tile roofs are designed to last the life of a building. However, the underlayment (waterproof membrane underneath the roof tiles) can be subject to deterioration and failure through time. The timing and rate of failure is difficult to predict and can vary significantly from one project to another depending largely on the quality of the original design and construction (materials and installation), exposure to outside influences (climate, foot traffic, etc.) and the level of routine maintenance.

For the purposes of this analysis, we have budgeted for the replacement of the tile underlayment to include removing the existing tiles, replacing the underlayment material and reinstalling the existing tiles with a provision for breakage. The cost for this component has been provided by the client and incorporated into this analysis at their request.

In order to ensure a high quality installation, the client may wish to obtain the services of an independent roofing consultant to work with the client and the roofing contractor providing installation. Consultants are available for the preparation of installation specifications and, if desired, to work with the contractor during the installation process. Fees for these services vary based on the size of the project and detail required by the client, and have not been included in the cost used for this component. Should the client desire, a provision for a consultant can be incorporated into this analysis.

Due to the nature and size of the expense, funding for the gutters and downspouts has been excluded. It is anticipated that any expenditures can be effectively budgeted for by the client's operating and/or reserve contingency funds.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Painting - Exterior

Category	030 Painting	Quantity	37,160 sq. ft.
		Unit Cost	\$2.50
		% of Replacement	100.00%
		Current Cost	\$92,900.00
Placed In Service	01/2004	Future Cost	\$95,687.00
Useful Life	10		
Adjustment	+11	Assigned Reserves at FYB	\$0.00
Remaining Life	1	Monthly Member Contribution	\$4,346.73
Replacement Year	2025	Monthly Interest Contribution	\$39.66
		Total Monthly Contribution	\$4,386.39

The building exterior was painted in 2004.

The remaining life of this component has been extended at the request of the client (not planned for 2024).

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Painting - Interior

Category	030 Painting	Quantity	67,875 sq. ft.
		Unit Cost	\$2.00
		% of Replacement	100.00%
		Current Cost	\$135,750.00
Placed In Service	01/2015	Future Cost	\$139,822.50
Useful Life	10		
		Assigned Reserves at FYB	\$0.00
Remaining Life	1	Monthly Member Contribution	\$6,351.65
Replacement Year	2025	Monthly Interest Contribution	\$57.95
		Total Monthly Contribution	\$6,409.60

1st floor common areas	17,040 sq. ft.
council chamber	8,695
2nd floor common areas	5,425
stairwells	4,320
3rd floor common areas	4,170
city-occupied suites (1st floor)	28,225
	67,875 sq. ft.

Painting costs can vary tremendously depending on quality of materials, preparation, detail work and local labor costs.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Fencing - Metal

Category	040 Fencing/Walls	Quantity	405 lin. ft.
		Unit Cost	\$80.00
		% of Replacement	100.00%
		Current Cost	\$32,400.00
Placed In Service	01/2004	Future Cost	\$43,542.89
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$151.32
Replacement Year	2034	Monthly Interest Contribution	\$1.38
		Total Monthly Contribution	\$152.70

This is 2' to 2.5' custom metal fencing located along the north perimeter.

To ensure that the metal fencing achieves its full useful life, it should be painted on a 2-3 year cycle or as required.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Walls - Masonry

Category	040 Fencing/Walls	Quantity	2,605 sq. ft.
		Unit Cost	\$28.00
		% of Replacement	50.00%
		Current Cost	\$36,470.00
Placed In Service	01/2004	Future Cost	\$56,819.07
Useful Life	35		
		Assigned Reserves at FYB	\$0.00
Remaining Life	15	Monthly Member Contribution	\$113.44
Replacement Year	2039	Monthly Interest Contribution	\$1.04
		Total Monthly Contribution	\$114.47

These are stone and concrete walls.

It is estimated that a percentage of the stone and concrete walls will require repair or replacement through time. The actual condition of these walls should be monitored and the percentage of replacement and remaining life estimates adjusted accordingly.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Lighting - Exterior, Building

Category	050 Lighting	Quantity	1 total
		Unit Cost	\$41,475.00
		% of Replacement	100.00%
		Current Cost	\$41,475.00
		Future Cost	\$57,411.10
Placed In Service	01/2004		
Useful Life	20		
Adjustment	+11	Assigned Reserves at FYB	\$0.00
Remaining Life	11	Monthly Member Contribution	\$176.06
Replacement Year	2035	Monthly Interest Contribution	\$1.61
		Total Monthly Contribution	\$177.67

27 x-large coach lanterns	@	\$950.00	=	\$25,650.00
7 recessed step lights	@	\$575.00	=	\$4,025.00
7 large coach lanterns	@	\$750.00	=	\$5,250.00
6 small half-lanterns	@	\$650.00	=	\$3,900.00
3 recessed spots	@	\$250.00	=	\$750.00
2 large vapor floods	@	\$950.00	=	\$1,900.00
		TOTAL	=	\$41,475.00

The remaining life of this component has been extended due to its condition at our most recent site visit.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Lighting - Exterior, Grounds

Category	050 Lighting	Quantity	1 total
		Unit Cost	\$128,000.00
		% of Replacement	100.00%
		Current Cost	\$128,000.00
		Future Cost	\$172,021.30
Placed In Service	01/2004		
Useful Life	25		
Adjustment	+5	Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$597.82
Replacement Year	2034	Monthly Interest Contribution	\$5.45
		Total Monthly Contribution	\$603.27

15 decorative poles w/single vapor lanterns	@	\$4,500.00	=	\$67,500.00
11 decorative poles w/double vapor lanterns	@	\$5,500.00	=	\$60,500.00
		TOTAL	=	\$128,000.00

The remaining life of this component has been extended due to its condition at our most recent site visit.

We have excluded budgeting for the landscape flood lighting throughout the grounds as we anticipate these fixtures will be replaced on an as-needed basis and the cost would fall below the \$20,000 threshold the City has established.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Lighting - Interior

Category	050 Lighting	Quantity	1 total
		Unit Cost	\$250,150.00
		% of Replacement	100.00%
		Current Cost	\$250,150.00
		Future Cost	\$336,180.68
Placed In Service	01/2004		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$1,168.31
Replacement Year	2034	Monthly Interest Contribution	\$10.66
		Total Monthly Contribution	\$1,178.97

1ST FLOOR COMMON AREAS:

66 recessed spots	@	\$250.00	=	\$16,500.00
11 wall mounted fluorescent floods	@	\$500.00	=	\$5,500.00
9 wall mounted box lanterns	@	\$650.00	=	\$5,850.00
5 single sided EXIT signs	@	\$300.00	=	\$1,500.00
3 ceiling mount round fixtures	@	\$350.00	=	\$1,050.00
2 ceiling mount box lanterns	@	\$650.00	=	\$1,300.00
2 double sided EXIT signs	@	\$350.00	=	\$700.00
2 wall mount gooseneck floods	@	\$1,250.00	=	\$2,500.00
1 large iron/glass chandelier	@	\$12,000.00	=	\$12,000.00

COUNCIL CHAMBERS:

57 recessed spots	@	\$250.00	=	\$14,250.00
6 wall mounted box lanterns	@	\$650.00	=	\$3,900.00
4 iron/glass chandeliers	@	\$7,000.00	=	\$28,000.00
3 single sided EXIT signs	@	\$300.00	=	\$900.00

2ND FLOOR COMMON AREAS:

11 recessed spots	@	\$250.00	=	\$2,750.00
8 single sided EXIT signs	@	\$300.00	=	\$2,400.00
7 ceiling mount round fixtures	@	\$350.00	=	\$2,450.00
5 wall mounted box lanterns	@	\$650.00	=	\$3,250.00
5 square fluorescent fixtures w/diffusers	@	\$550.00	=	\$2,750.00
4 ceiling globes	@	\$350.00	=	\$1,400.00
2 fluorescent fixtures w/diffusers	@	\$650.00	=	\$1,300.00
1 double sided EXIT sign	@	\$350.00	=	\$350.00

3RD FLOOR COMMON AREAS:

9 ceiling mount round fixtures	@	\$350.00	=	\$3,150.00
7 single sided EXIT signs	@	\$300.00	=	\$2,100.00

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

5 recessed spots	@	\$250.00	=	\$1,250.00
5 wall mounted box lanterns	@	\$650.00	=	\$3,250.00
4 ceiling globes	@	\$350.00	=	\$1,400.00
2 fluorescent fixtures w/diffusers	@	\$650.00	=	\$1,300.00
<u>STAIRWELLS:</u>				
10 double fluorescents w/lenses	@	\$700.00	=	\$7,000.00
<u>CITY-OCCUPIED SUITES (1ST FLOOR):</u>				
124 fluorescent fixtures w/diffusers	@	\$650.00	=	\$80,600.00
85 recessed spots	@	\$250.00	=	\$21,250.00
22 single sided EXIT signs	@	\$300.00	=	\$6,600.00
12 square fluorescent fixtures w/diffusers	@	\$550.00	=	\$6,600.00
5 small hanging lights	@	\$350.00	=	\$1,750.00
4 large hanging lights	@	\$650.00	=	\$2,600.00
2 strip vanity fixtures	@	\$350.00	=	\$700.00
		TOTAL	=	<u>\$250,150.00</u>

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Ceiling Panels

Category	070 Building Interior	Quantity	18,500 sq. ft.
		Unit Cost	\$4.50
		% of Replacement	100.00%
		Current Cost	\$83,250.00
		Future Cost	\$111,881.04
Placed In Service	01/2004		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$388.81
Replacement Year	2034	Monthly Interest Contribution	\$3.55
		Total Monthly Contribution	\$392.36

These are the fiberboard ceiling panels in the city-occupied suites.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Council Chamber, Desks

Category	070 Building Interior	Quantity	108 lin.ft.
		Unit Cost	\$2,150.00
		% of Replacement	100.00%
		Current Cost	\$232,200.00
Placed In Service	01/2004	Future Cost	\$312,057.38
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$1,084.47
Replacement Year	2034	Monthly Interest Contribution	\$9.89
		Total Monthly Contribution	\$1,094.37

These are custom built natural wood desks with granite detail; some of these desks are built-in and others are movable (casters).

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Floor, Carpet

Category	070 Building Interior	Quantity	2,636 sq. yds.
		Unit Cost	\$100.00
		% of Replacement	107.00%
		Current Cost	\$282,052.00
		Future Cost	\$290,513.56
Placed In Service	01/2004		
Useful Life	10		
Adjustment	+11	Assigned Reserves at FYB	\$0.00
Remaining Life	1	Monthly Member Contribution	\$13,197.02
Replacement Year	2025	Monthly Interest Contribution	\$120.41
		Total Monthly Contribution	\$13,317.43

1st floor common areas	20 sq. yds.
Council chamber	272
2nd floor common areas	179
3rd floor common areas	145
city-occupied suites (1st floor)	2,020
	<u>2,636 sq. yds.</u>

The remaining life of this component has been extended at the request of the client (not planned for 2024).

The measurement indicated represents the actual area to be replaced. The percentage of replacement has been increased above 100% to allow for a waste factor which should be considered when replacing this component.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Floor, Stairwells

Category	070 Building Interior	Quantity	1,008 sq. ft.
		Unit Cost	\$25.00
		% of Replacement	103.00%
		Current Cost	\$25,956.00
		Future Cost	\$34,882.69
Placed In Service	01/2004		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$121.23
Replacement Year	2034	Monthly Interest Contribution	\$1.11
		Total Monthly Contribution	\$122.33

This rubberized floor cover is located at the stairwells.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Floor, Tile			
Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$308,957.50
		% of Replacement	103.00%
		Current Cost	\$318,226.23
		Future Cost	\$427,669.44
Placed In Service	01/2004		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$1,486.25
Replacement Year	2034	Monthly Interest Contribution	\$13.56
		Total Monthly Contribution	\$1,499.81

This is ceramic tile (except as noted):

<u>1st FLOOR COMMON AREAS:</u>			
3,141 sq. ft. of floor tile w/travertine detail	@	\$70.00	= \$219,870.00
250 sq. ft. of marble stairs w/tile accents	@	\$100.00	= \$25,000.00
<u>COUNCIL CHAMBERS:</u>			
252 sq. ft. of floor tile	@	\$35.00	= \$8,820.00
<u>2nd FLOOR COMMON AREAS:</u>			
133 sq. ft. of floor tile	@	\$35.00	= \$4,655.00
<u>CITY-OCCUPIED SUITES (1ST FLOOR):</u>			
1,235 sq. ft. of vinyl tile	@	\$12.50	= \$15,437.50
830 sq. ft. of floor tile	@	\$35.00	= \$29,050.00
350 sq. ft. of vinyl plank floor	@	\$17.50	= \$6,125.00
		TOTAL	= \$308,957.50

The measurement indicated represents the actual area to be replaced. The percentage of replacement has been increased above 100% to allow for a waste factor which should be considered when replacing this component.

The cost for this component includes the removal and disposal of the existing material.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Restrooms, City Suites

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$90,275.00
		% of Replacement	100.00%
		Current Cost	\$90,275.00
		Future Cost	\$121,322.05
Placed In Service	01/2004		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$421.62
Replacement Year	2034	Monthly Interest Contribution	\$3.85
		Total Monthly Contribution	\$425.47

This component budgets for the renovation the restrooms within the city-occupied suites on floor 1:

PUBLIC WORKS AREA:

660 sq. ft. of ceramic wall tile	@	\$40.00	=	\$26,400.00
325 sq. ft. of ceramic floor tile	@	\$35.00	=	\$11,375.00
14 lin. ft. of solid surface counters	@	\$450.00	=	\$6,300.00
3 laminated stall partitions	@	\$4,500.00	=	\$13,500.00
4 sinks, counter rectangle	@	\$1,600.00	=	\$6,400.00
3 toilets, flush valve	@	\$2,000.00	=	\$6,000.00
1 urinal, wall mount unit	@	\$2,000.00	=	\$2,000.00

ADMINISTRATIVE AREA:

190 sq. ft. of ceramic wall tile	@	\$40.00	=	\$7,600.00
100 sq. ft. of ceramic floor tile	@	\$35.00	=	\$3,500.00
2 toilets, flush valve	@	\$2,000.00	=	\$4,000.00
2 sinks, counter rectangle	@	\$1,600.00	=	\$3,200.00
		TOTAL	=	\$90,275.00

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Restrooms, Common (Floor 1)

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$142,020.00
		% of Replacement	100.00%
		Current Cost	\$142,020.00
		Future Cost	\$190,863.00
Placed In Service	01/2004		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$663.29
Replacement Year	2034	Monthly Interest Contribution	\$6.05
		Total Monthly Contribution	\$669.35

This component budgets for the renovation the common restrooms on floor 1:

1,208 sq. ft. of travertine wall tile	@	\$45.00	=	\$54,360.00
426 sq. ft. of ceramic floor tile	@	\$35.00	=	\$14,910.00
15 lin. ft. of solid surface counters	@	\$450.00	=	\$6,750.00
6 wood stall partitions	@	\$5,000.00	=	\$30,000.00
6 toilets, flush valve	@	\$2,000.00	=	\$12,000.00
5 sinks, counter oval	@	\$1,600.00	=	\$8,000.00
2 urinals, wall mount unit	@	\$2,000.00	=	\$4,000.00
2 stainless steel drinking fountains	@	\$6,000.00	=	\$12,000.00
		TOTAL	=	\$142,020.00

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Restrooms, Common (Floor 2)

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$109,860.00
		% of Replacement	100.00%
		Current Cost	\$109,860.00
		Future Cost	\$147,642.65
Placed In Service	01/2004		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$513.09
Replacement Year	2034	Monthly Interest Contribution	\$4.68
		Total Monthly Contribution	\$517.78

This component budgets for the renovation the common restrooms on floor 2:

790 sq. ft. of ceramic wall tile	@	\$40.00	=	\$31,600.00
456 sq. ft. of ceramic floor tile	@	\$35.00	=	\$15,960.00
12 lin. ft. of solid surface counters	@	\$450.00	=	\$5,400.00
5 laminated stall partitions	@	\$4,500.00	=	\$22,500.00
1 laminated urinal partition	@	\$2,000.00	=	\$2,000.00
5 toilets, flush valve	@	\$2,000.00	=	\$10,000.00
4 sinks, counter rectangle	@	\$1,600.00	=	\$6,400.00
2 urinals, wall mount unit	@	\$2,000.00	=	\$4,000.00
2 stainless steel drinking fountains	@	\$6,000.00	=	\$12,000.00
		TOTAL	=	<u>\$109,860.00</u>

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Restrooms, Common (Floor 3)

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$109,860.00
		% of Replacement	100.00%
		Current Cost	\$109,860.00
		Future Cost	\$147,642.65
Placed In Service	01/2004		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$513.09
Replacement Year	2034	Monthly Interest Contribution	\$4.68
		Total Monthly Contribution	\$517.78

This component budgets for the renovation the common restrooms on floor 3:

790 sq. ft. of ceramic wall tile	@	\$40.00	=	\$31,600.00
456 sq. ft. of ceramic floor tile	@	\$35.00	=	\$15,960.00
12 lin. ft. of solid surface counters	@	\$450.00	=	\$5,400.00
5 laminated stall partitions	@	\$4,500.00	=	\$22,500.00
1 laminated urinal partition	@	\$2,000.00	=	\$2,000.00
5 toilets, flush valve	@	\$2,000.00	=	\$10,000.00
4 sinks, counter rectangle	@	\$1,600.00	=	\$6,400.00
2 urinals, wall mount unit	@	\$2,000.00	=	\$4,000.00
2 stainless steel drinking fountains	@	\$6,000.00	=	\$12,000.00
		TOTAL	=	<u>\$109,860.00</u>

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Room Partition

Category	070 Building Interior	Quantity	1 partition
		Unit Cost	\$75,000.00
		% of Replacement	100.00%
		Current Cost	\$75,000.00
Placed In Service	01/2004	Future Cost	\$100,793.73
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$350.28
Replacement Year	2034	Monthly Interest Contribution	\$3.20
		Total Monthly Contribution	\$353.48

This is a large recessed room divider located in the ceiling of the council chamber and measures approximately 48' x 15'.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Wallpaper

Category	070 Building Interior	Quantity	8,460 sq. ft.
		Unit Cost	\$16.00
		% of Replacement	105.00%
		Current Cost	\$142,128.00
		Future Cost	\$146,391.84
Placed In Service	01/2004		
Useful Life	20		
Adjustment	+1	Assigned Reserves at FYB	\$0.00
Remaining Life	1	Monthly Member Contribution	\$6,650.07
Replacement Year	2025	Monthly Interest Contribution	\$60.67
		Total Monthly Contribution	\$6,710.74
	2nd floor common areas	2,035 sq. ft.	
	3rd floor common areas	2,545	
	city-occupied suites (1st floor)	3,880	
		8,460 sq. ft.	

The remaining life of this component has been extended at the request of the client (not planned for 2024).

The unit cost indicated represents the actual area to be replaced. The percentage of replacement has been increased above 100% to allow for a waste factor which should be considered when replacing this component.

The cost for this component includes the removal and disposal of the existing material.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Plumbing - Repipe, Fresh Water Lines

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$300,000.00
		% of Replacement	100.00%
		Current Cost	\$300,000.00
Placed In Service	01/2004	Future Cost	\$403,174.91
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$1,401.13
Replacement Year	2034	Monthly Interest Contribution	\$12.78
		Total Monthly Contribution	\$1,413.91

This component, and all information contained herein, has been provided by the client and incorporated into this analysis at their request.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Plumbing - Repipe, Sewer Lines

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$250,000.00
		% of Replacement	100.00%
		Current Cost	\$250,000.00
Placed In Service	01/2004	Future Cost	\$335,979.09
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$1,167.61
Replacement Year	2034	Monthly Interest Contribution	\$10.65
		Total Monthly Contribution	\$1,178.26

This component, and all information contained herein, has been provided by the client and incorporated into this analysis at their request.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Exterior - Decks & Stairs

Category	080 Building Exterior	Quantity	660 sq. ft.
		Unit Cost	\$45.00
		% of Replacement	100.00%
		Current Cost	\$29,700.00
		Future Cost	\$46,271.63
Placed In Service	01/2024		
Useful Life	15		
		Assigned Reserves at FYB	\$0.00
Remaining Life	15	Monthly Member Contribution	\$92.38
Replacement Year	2039	Monthly Interest Contribution	\$0.84
		Total Monthly Contribution	\$93.22

These are the coated decks (suite 210) and two stairways at the building exterior.

The client rebuilt the two stairways in Fall 2023 for an unknown total cost; the stairway on the south side of the building required significant reconstruction due to water intrusion.

For budgeting purposes, we have used the next fiscal year's beginning date as the placed-in-service date for this component.

In order to achieve their full useful life, elastomeric type deck coatings should be cleaned, sealed/top coated on a 3-4 year cycle.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Exterior - Doors

Category	080 Building Exterior	Quantity	1 total
		Unit Cost	\$137,800.00
		% of Replacement	100.00%
		Current Cost	\$137,800.00
		Future Cost	\$185,191.68
Placed In Service	01/2004		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$643.59
Replacement Year	2034	Monthly Interest Contribution	\$5.87
		Total Monthly Contribution	\$649.46

12 - 3' x 8' decorative wood/glass doors	@	\$4,500.00	=	\$54,000.00
8 - 2.5' x 6'8" wood/glass doors	@	\$3,000.00	=	\$24,000.00
6 - 3' x 8' metal/glass doors	@	\$4,500.00	=	\$27,000.00
3 - 3' x 6'8" metal/glass doors	@	\$3,500.00	=	\$10,500.00
2 - 3' x 8' wood/glass doors	@	\$4,500.00	=	\$9,000.00
2 - 3' x 6'8" wood/glass doors	@	\$3,750.00	=	\$7,500.00
2 - 3' x 6'8" metal doors	@	\$2,000.00	=	\$4,000.00
1 - 2.75' x 6'8" metal door	@	\$1,800.00	=	\$1,800.00
		TOTAL	=	\$137,800.00

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Exterior - Termite Control

Category	080 Building Exterior	Quantity	1 total
		Unit Cost	\$107,500.00
		% of Replacement	100.00%
		Current Cost	\$107,500.00
Placed In Service	01/2004	Future Cost	\$167,481.50
Useful Life	15		
		Assigned Reserves at FYB	\$0.00
Remaining Life	0	Monthly Member Contribution	\$334.38
Replacement Year	2024	Monthly Interest Contribution	\$3.05
		Total Monthly Contribution	\$337.43

The consensus of pest control companies operating in this geographic area is that all buildings can be considered to warrant fumigation on a 15 year cycle.

The cost for this component is based on actual quotations provided to the client.

It is recommended that each client provide a line item in their operating budget for "local treatments" annually which would include a provision for subterranean termites.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - Back Up Generator

Category	090 Equipment	Quantity	1 generator
		Unit Cost	\$125,000.00
		% of Replacement	100.00%
		Current Cost	\$125,000.00
Placed In Service	01/2004	Future Cost	\$167,989.55
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$583.80
Replacement Year	2034	Monthly Interest Contribution	\$5.33
		Total Monthly Contribution	\$589.13

This is an Olympian D200P4 200KW back up generator with Caterpillar diesel powered engine and auto start operation.

Because of the durability of diesel engines, most maintenance is preventative by nature. Preventative diesel engine maintenance consists of the following: General inspection, lubrication service, cooling system service, fuel system service, servicing and testing starting batteries and regular engine exercise. Consult with a qualified service representative for actual service intervals and detailed maintenance.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - Electronic/Office, Unfunded

Category	090 Equipment	Quantity	1 comment
		Unit Cost	\$0.00
		% of Replacement	0.00%
		Current Cost	\$0.00
Placed In Service	01/2004	Future Cost	\$0.00
Useful Life	n.a.		
		Assigned Reserves at FYB	\$0.00
Remaining Life	n.a.	Monthly Member Contribution	\$0.00
Replacement Year	n.a.	Monthly Interest Contribution	\$0.00
		Total Monthly Contribution	\$0.00

During our November 2007 site visit, we observed the following electronic equipment:

Server room (Electrical Room #143):

3 - Mitel SX-200 phone systems
 2 - Mitel DNIC music on-hold, etc.
 6 - large computer hubs/switches
 3 - smaller computer hubs/switches
 many servers, monitors and other electronic equipment

Council Chamber:

12 - NEC computer monitors/terminals
 3 - AMX touch screens
 2 - built-in digital time keepers
 2 - Sanyo Pro Xtra projectors
 2 - retractable ceiling screens
 1 - Panasonic video camera
 1 - large wood podium w/2 mics, digital timekeeper & computer interface
 1 - smaller wood podium w/1 mic & computer interface
 9 - in ceiling speakers

Council Chamber (back room):

5 - Stewart PA-50B 100 watt power amps
 3 - Symnet Audio Matrix amps/processors
 2 - ATI amplifiers
 2 - Listen P.A. systems
 1 - Netlinx integrated controller
 1 - QSC CX108V professional amp
 1 - Powerware S125
 1 - AMX touch panel interface
 1 - Octopus scaler/switcher
 1 - Extron EQ/amplifier
 1 - Extron converter

We have excluded budgeting at this time for the computer/office equipment and furnishings & fixtures located throughout the City's offices and council chamber. We anticipate this equipment will be replaced/upgraded on an as-needed basis and not all at one time. If the City wishes to incorporate this element into the reserve analysis, we would be happy to revise this report.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - Elevators, Cab Refurbish

Category	090 Equipment	Quantity	2 elevators
		Unit Cost	\$17,500.00
		% of Replacement	100.00%
		Current Cost	\$35,000.00
Placed In Service	01/2004	Future Cost	\$36,050.00
Useful Life	20		
Adjustment	+1	Assigned Reserves at FYB	\$0.00
Remaining Life	1	Monthly Member Contribution	\$1,637.63
Replacement Year	2025	Monthly Interest Contribution	\$14.94
		Total Monthly Contribution	\$1,652.57

These are Otis 3-floor hydraulic elevators.

The remaining life of this component has been extended at the request of the client (not planned for 2024).

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - Elevators, Modernization

Category	090 Equipment	Quantity	2 elevators
		Unit Cost	\$250,000.00
		% of Replacement	100.00%
		Current Cost	\$500,000.00
Placed In Service	01/2004	Future Cost	\$671,958.19
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$2,335.22
Replacement Year	2034	Monthly Interest Contribution	\$21.31
		Total Monthly Contribution	\$2,356.52

These are Otis 3-floor hydraulic elevators.

This component is for the additional major repair costs associated with hydraulic style elevators such as valve and cylinder replacements.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - Fire Control Panel, Unfunded

Category	090 Equipment	Quantity	1 panel
		Unit Cost	\$0.00
		% of Replacement	0.00%
		Current Cost	\$0.00
Placed In Service	01/2004	Future Cost	\$0.00
Useful Life	n.a.		
		Assigned Reserves at FYB	\$0.00
Remaining Life	n.a.	Monthly Member Contribution	\$0.00
Replacement Year	n.a.	Monthly Interest Contribution	\$0.00
		Total Monthly Contribution	\$0.00

This is the Radionics D7412 fire control panel with LCD display located in the electrical room on the first level (room 115).

We have excluded budgeting for this component as we anticipate it will be replaced on an as-needed basis and the cost would fall below the \$20,000 threshold the City has established.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - HVAC, Boiler

Category	090 Equipment	Quantity	1 boiler
		Unit Cost	\$27,500.00
		% of Replacement	100.00%
		Current Cost	\$27,500.00
Placed In Service	01/2004	Future Cost	\$30,049.99
Useful Life	20		
Adjustment	+3	Assigned Reserves at FYB	\$0.00
Remaining Life	3	Monthly Member Contribution	\$428.73
Replacement Year	2027	Monthly Interest Contribution	\$3.91
		Total Monthly Contribution	\$432.64

This is a Lochinvar 650K BTU boiler located in a small building next to the cooling tower.

The remaining life of this component has been extended due to its condition at our most recent site visit.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - HVAC, Cooling Tower (Refurbish)

Category	090 Equipment	Quantity	1 cooling tower
		Unit Cost	\$75,000.00
		% of Replacement	100.00%
		Current Cost	\$75,000.00
Placed In Service	04/2023	Future Cost	\$97,857.99
Useful Life	20		
Adjustment	-10	Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$389.28
Replacement Year	2033	Monthly Interest Contribution	\$3.55
		Total Monthly Contribution	\$392.83

Originally, there was a large Evapco cooling tower (model #LSWA41B) located outside of the building at ground level. The client replaced this cooling tower with an Evapco cooling tower (model #LSWE4-4112) in April 2023 for a total cost of \$143,000.

Refurbishing includes motor replacement, bearing and shaft replacement, protective metal coating and all additional minor repairs which may be necessary.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - HVAC, Cooling Tower (Replace)

Category	090 Equipment	Quantity	1 cooling tower
		Unit Cost	\$150,000.00
		% of Replacement	100.00%
		Current Cost	\$150,000.00
Placed In Service	04/2023	Future Cost	\$263,025.91
Useful Life	20		
		Assigned Reserves at FYB	\$0.00
Remaining Life	19	Monthly Member Contribution	\$368.05
Replacement Year	2043	Monthly Interest Contribution	\$3.36
		Total Monthly Contribution	\$371.41

Originally, there was a large Evapco cooling tower (model #LSWA41B) located outside of the building at ground level. The client replaced this cooling tower with an Evapco cooling tower (model #LSWE4-4112) in April 2023 for a total cost of \$143,000.

The current cost used for this component is based on actual expenditures incurred at last replacement, and has been adjusted for inflation where applicable.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - HVAC, Package Units

Category	090 Equipment	Quantity	1 total
		Unit Cost	\$177,500.00
		% of Replacement	100.00%
		Current Cost	\$177,500.00
		Future Cost	\$188,309.75
Placed In Service	01/2004		
Useful Life	16		
Adjustment	+6	Assigned Reserves at FYB	\$0.00
Remaining Life	2	Monthly Member Contribution	\$4,151.71
Replacement Year	2026	Monthly Interest Contribution	\$37.88
		Total Monthly Contribution	\$4,189.59

These units are located on the roof:

1 York 2 ton A/C unit*	@	\$8,000.00	=	\$8,000.00
1 Trane 3 ton unit	@	\$20,000.00	=	\$20,000.00
1 Trane 7.5 ton unit	@	\$37,500.00	=	\$37,500.00
1 Carrier 14 ton unit	@	\$46,000.00	=	\$46,000.00
1 Carrier 16 ton unit	@	\$50,000.00	=	\$50,000.00
2 Fujitsu mini split systems	@	\$8,000.00	=	\$16,000.00
		TOTAL	=	\$177,500.00

* This unit is located on the roof and serves the city's server room.

The remaining life of this component has been extended due to its condition at our most recent site visit.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - HVAC, Pumps/Motors

Category	090 Equipment	Quantity	2 pumps
		Unit Cost	\$22,500.00
		% of Replacement	100.00%
		Current Cost	\$45,000.00
Placed In Service	01/2004	Future Cost	\$47,740.50
Useful Life	16		
Adjustment	+6	Assigned Reserves at FYB	\$0.00
Remaining Life	2	Monthly Member Contribution	\$1,052.55
Replacement Year	2026	Monthly Interest Contribution	\$9.60
		Total Monthly Contribution	\$1,062.15

These are 15HP pumps/motors with digital control panels, in the small building next to the cooling tower, that circulate the water from the cooling tower through the building.

The remaining life of this component has been extended due to its condition at our most recent site visit.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - Surveillance System, Unfunded

Category	090 Equipment	Quantity	1 system
		Unit Cost	\$0.00
		% of Replacement	0.00%
		Current Cost	\$0.00
Placed In Service	01/2004	Future Cost	\$0.00
Useful Life	n.a.		
		Assigned Reserves at FYB	\$0.00
Remaining Life	n.a.	Monthly Member Contribution	\$0.00
Replacement Year	n.a.	Monthly Interest Contribution	\$0.00
		Total Monthly Contribution	\$0.00

At the request of the client, budgeting for this component has been excluded at this time as this system is regularly repaired, maintained, augmented and updated as an ongoing operating expense. This component is listed for inventory purposes only.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Grounds - Flag Poles, Unfunded

Category	100 Grounds	Quantity	2 poles
		Unit Cost	\$0.00
		% of Replacement	0.00%
		Current Cost	\$0.00
Placed In Service	01/2004	Future Cost	\$0.00
Useful Life	n.a.		
		Assigned Reserves at FYB	\$0.00
Remaining Life	n.a.	Monthly Member Contribution	\$0.00
Replacement Year	n.a.	Monthly Interest Contribution	\$0.00
		Total Monthly Contribution	\$0.00

These are approximately 25' metal flag poles.

We have excluded budgeting for this component as we anticipate it will be replaced on an as-needed basis and the cost would fall below the \$20,000 threshold the City has established.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Grounds - Fountain

Category	100 Grounds	Quantity	1 fountain
		Unit Cost	\$60,000.00
		% of Replacement	100.00%
		Current Cost	\$60,000.00
Placed In Service	01/2004	Future Cost	\$80,634.98
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$280.23
Replacement Year	2034	Monthly Interest Contribution	\$2.56
		Total Monthly Contribution	\$282.78

This is a large decorative 6' tall concrete fountain with ceramic trim tile and large round base pool measuring approximately 115 sq. ft.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Grounds - Monument Signs, Unfunded

Category	100 Grounds	Quantity	2 signs
		Unit Cost	\$0.00
		% of Replacement	0.00%
		Current Cost	\$0.00
Placed In Service	01/2004	Future Cost	\$0.00
Useful Life	n.a.		
		Assigned Reserves at FYB	\$0.00
Remaining Life	n.a.	Monthly Member Contribution	\$0.00
Replacement Year	n.a.	Monthly Interest Contribution	\$0.00
		Total Monthly Contribution	\$0.00

These are stone-covered masonry walls with 6" and 11" metal lettering located at the El Toro and Paseo de Valencia entrances to the civic center; the lettering spells out "Laguna Hills Civic Center".

We have excluded budgeting for this component as we anticipate it will be replaced on an as-needed basis and the cost would fall below the \$20,000 threshold the City has established.

Laguna Hills Civic Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Grounds - Park Furnishings

Category	100 Grounds	Quantity	1 total
		Unit Cost	\$108,500.00
		% of Replacement	100.00%
		Current Cost	\$108,500.00
		Future Cost	\$145,814.93
Placed In Service	01/2004		
Useful Life	20		
Adjustment	+10	Assigned Reserves at FYB	\$0.00
Remaining Life	10	Monthly Member Contribution	\$506.74
Replacement Year	2034	Monthly Interest Contribution	\$4.62
		Total Monthly Contribution	\$511.37

22 - 6' x 6' metal tree grates	@	\$2,000.00	=	\$44,000.00
5 - metal trash receptacles	@	\$1,500.00	=	\$7,500.00
4 - wood trellis structures	@	\$8,500.00	=	\$34,000.00
4 - 6.5' metal benches w/backs	@	\$3,250.00	=	\$13,000.00
4 - 6.5' metal benches w/o backs	@	\$2,500.00	=	\$10,000.00
		TOTAL	=	\$108,500.00

The remaining life of this component has been extended due to its condition at our most recent site visit.

Laguna Hills Civic Center

Component Detail Index

	Page
Building Exterior - Decks & Stairs	56
Building Exterior - Doors	57
Building Exterior - Termite Control	58
Building Interior - Ceiling Panels	43
Building Interior - Council Chamber, Desks	44
Building Interior - Floor, Carpet	45
Building Interior - Floor, Stairwells	46
Building Interior - Floor, Tile	47
Building Interior - Restrooms, City Suites	48
Building Interior - Restrooms, Common (Floor 1)	49
Building Interior - Restrooms, Common (Floor 2)	50
Building Interior - Restrooms, Common (Floor 3)	51
Building Interior - Room Partition	52
Building Interior - Wallpaper	53
Concrete - Mastic, Unfunded	29
Concrete - Replacement	30
Equipment - Back Up Generator	59
Equipment - Electronic/Office, Unfunded	60
Equipment - Elevators, Cab Refurbish	62
Equipment - Elevators, Modernization	63
Equipment - Fire Control Panel, Unfunded	64
Equipment - HVAC, Boiler	65
Equipment - HVAC, Cooling Tower (Refurbish)	66
Equipment - HVAC, Cooling Tower (Replace)	67
Equipment - HVAC, Package Units	68
Equipment - HVAC, Pumps/Motors	69
Equipment - Surveillance System, Unfunded	70
Fencing - Metal	37
Grounds - Flag Poles, Unfunded	71
Grounds - Fountain	72
Grounds - Monument Signs, Unfunded	73
Grounds - Park Furnishings	74
Lighting - Exterior, Building	39
Lighting - Exterior, Grounds	40
Lighting - Interior	41
Painting - Exterior	35
Painting - Interior	36
Plumbing - Repipe, Fresh Water Lines	54
Plumbing - Repipe, Sewer Lines	55
Roofs - Built Up	33
Roofs - Tile	34
Streets - Asphalt, Overlay/Major Rehab	31
Streets - Asphalt, Repair/Seal & Stripe	32
Walls - Masonry	38

Laguna Hills Civic Center
Component Detail Index

44 Components

RESERVE ANALYSIS REPORT

Laguna Hills Community Center

Laguna Hills, California

Version 1

November 8, 2023



Advanced Reserve Solutions, Inc.

23201 Mill Creek Drive, Suite 210

Laguna Hills, California 92653

Phone (949) 474-9800

Facsimile (949) 474-9820

© 1997 - 2023

Advanced Reserve Solutions, Inc.

All Rights Reserved.

Laguna Hills Community Center

Table Of Contents

	Page
Preface	i
Executive Summary	1
Disclosure Statement	2
Photo Library	3
Cross-Tabular Summary	8
Calculation of Percent Funded	14
Management Summary	16
Management Charts	18
Annual Expenditures	20
Projections	24
Projection Charts	25
Component Detail	27
Component Detail Index	77

Laguna Hills Community Center

Preface

This preface is intended to provide an introduction to the enclosed reserve analysis as well as detailed information regarding the reserve analysis report format, reserve fund goals/objectives and calculation methods. The following sections are included in this preface:

Introduction to Reserve Budgeting	page i
Understanding the Reserve Analysis	page i
Reserve Funding Goals / Objectives	page ii
Reserve Funding Calculation Methods	page iii
Reading the Reserve Analysis	page vi
Glossary of Key Terms	page xi
Limitations of Reserve Analysis	page xiv

◆ ◆ ◆ ◆ INTRODUCTION TO RESERVE BUDGETING ◆ ◆ ◆ ◆

The Board of Directors of an association has a legal and fiduciary duty to maintain the community in a good state of repair. Individual unit property values are significantly impacted by the level of maintenance and upkeep provided by the association as well as the amount of the regular assessment charged to each owner.

A prudent plan must be implemented to address the issues of long-range maintenance, repair and replacement of the common areas. Additionally, the plan should recognize that the value of each unit is affected by the amount of the regular assessment charged to each unit.

There is a fine line between “not enough,” “just right” and “too much.” Each member of an association should contribute to the reserve fund for their proportionate amount of “depreciation” (or “use”) of the reserve components. Through time, if each owner contributes a “fair share” into the reserve fund for the depreciation of the reserve components, then the possibility of large increases in regular assessments or special assessments will be minimized.

An accurate reserve analysis and a “healthy” reserve fund are essential to protect and maintain association common areas and property values of individual unit owners. A comprehensive reserve analysis is one of the most significant elements of any association's long-range plan and provides the critical link between sound business judgment and good fiscal planning. The reserve analysis provides a “financial blueprint” for the future of an association.

◆ ◆ ◆ ◆ UNDERSTANDING THE RESERVE ANALYSIS ◆ ◆ ◆ ◆

In order for the reserve analysis to be useful, it must be understandable by a variety of individuals. Board members (from seasoned, experienced Board members to new Board members), property managers, accountants, attorneys and homeowners may ultimately review the reserve analysis. The reserve analysis must be detailed enough to provide a comprehensive analysis, yet simple enough to enable less experienced individuals to understand the results.

There are four key bits of information that a comprehensive reserve analysis should provide: Budget, Percent Funded, Projections and Inventory. This information is described as follows:

Budget

Amount recommended to be transferred into the reserve account for the fiscal year for which the reserve analysis is prepared. In some cases, the reserve analysis may present two or more funding plans based on different goals/objectives. The Board should have a clear understanding of the differences among these funding goals/objectives prior to implementing one of them in the annual budget.

Laguna Hills Community Center

Preface

Percent Funded

Measure of the reserve fund "health" (expressed as a percentage) as of the beginning of the fiscal year for which the reserve analysis is prepared. This figure is the ratio of the actual reserve fund on hand to the fully funded balance. A reserve fund that is "100% funded" means the association has accumulated the proportionately correct amount of money, to date, for the reserve components it maintains.

Projections

Indicate "level of service" the association will provide the membership as well as a "road map" for the fiscal future of the association. Projections define the timetables for repairs and replacements, such as when buildings will be painted or when asphalt will be seal coated. Projections also show the financial plan for the association – when an underfunded association will "catch up" or how a properly funded association will remain fiscally "healthy."

Inventory

Complete listing of reserve components. Key bits of information are available for each reserve component, including placed-in-service date, useful life, remaining life, replacement year, quantity, current cost of replacement, future cost of replacement and analyst's comments.

◆ ◆ ◆ ◆ RESERVE FUNDING GOALS / OBJECTIVES ◆ ◆ ◆ ◆

There are four reserve funding goals/objectives which may be used to develop a reserve funding plan that corresponds with the risk tolerance of the association: Full Funding, Baseline Funding, Threshold Funding and Statutory Funding. These goals/objectives are described as follows:

Full Funding

Describes goal/objective to have reserves on hand equivalent to the value of the deterioration of each reserve component. The objective of this funding goal is to achieve and/or maintain a 100% percent funded reserve fund. Component calculation method or directed cash flow calculation method is typically used to develop a full funding plan.

Baseline Funding

Describes goal/objective to have sufficient reserves on hand to never completely run out of money. The objective of this funding goal is to simply pay for all reserve expenses as they come due without regard to the association's percent funded. Minimum cash flow calculation method or directed cash flow calculation method s typically used to develop a baseline funding plan.

Threshold Funding

Describes goal/objective other than the 100% level (full funding) or just staying cash-positive (baseline funding). This threshold goal/objective may be a specific percent funded target or a cash balance target. Threshold funding is often a value chosen between full funding and baseline funding. Minimum cash flow calculation method or directed cash flow calculation method is typically used to develop a threshold funding plan.

Statutory Funding

Describes goal/objective as described or required by local laws or codes. Component calculation method, minimum cash flow calculation method or directed cash flow calculation method may be used to develop a statutory funding plan, depending on the requirements.

Laguna Hills Community Center

Preface

◆ ◆ ◆ ◆ RESERVE FUNDING CALCULATION METHODS ◆ ◆ ◆ ◆

There are three funding methods which can be used to develop a reserve funding plan based on reserve funding goals/objectives: Component Calculation Method, Minimum Cash Flow Calculation Method and Directed Cash Flow Calculation Method.

Directed cash flow calculation method offers flexibility for developing custom funding plans. Directed cash flow calculation method funding plans can accommodate use of various contribution increases and/or special assessments (or loans) through time. As the name suggests, the user “directs” the funding plan as needed to achieve reserve funding goals or objectives. Because of this flexibility, the vast majority of reserve analyses are developed using the directed cash flow calculation method. Whereas component calculation method funding plans and minimum cash flow calculation method funding plans are typically used as reference information; usually considered the “floor” (minimum cash flow calculation method) and “ceiling” (component calculation method) of a reasonable reserve funding plan.

The three calculation methods are described as follows:

Component Calculation Method

Component calculation method develops a funding plan for each individual reserve component. The sum of the funding plan for each component equals the total funding plan for the association. This method is often referred to as the “straight line” method. This method structures a funding plan that enables the association to pay all reserve expenditures as they come due, enables the association to achieve the fully funded reserves in time, and then enables the association to maintain fully funded reserves through time. The following is a detailed description of component calculation method:

Step 1: Calculation of fully funded balance for each component

Fully funded balance is calculated for each component based on its age, useful life and current cost. The actual formula is as follows:

$$\text{Fully Funded Balance} = \frac{\text{Age}}{\text{Useful Life}} \times \text{Current Cost}$$

Step 2: Distribution of current reserve funds

Association's current reserve funds are assigned to (or distributed amongst) reserve components based on each component's remaining life and fully funded balance as follows:

Pass 1: Components are organized in remaining life order, from least to greatest, and the current reserve funds are assigned to each component up to its fully funded balance, until reserve funds are exhausted.

Pass 2: If all components are assigned their fully funded balance and additional funds exist, they are assigned in a “second pass.” Again, components are organized in remaining life order, from least to greatest, and remaining current reserve funds are assigned to each component up to its current cost, until reserve funds are exhausted.

Pass 3: If all components are assigned their current cost and additional funds exist, they are assigned in a “third pass.” Components with a remaining life of zero years are assigned double their current cost, until reserve funds are exhausted. After pass 3, if additional reserve funds remain, there are excess reserves.

Distributing, or assigning, reserve funds in this manner is the most efficient use of the funds on hand – it defers the make-up period of any underfunded reserves over the lives of the components with the largest remaining lives.

Step 3: Developing a funding plan

After step 2, all components have a “starting” balance. A calculation is made to determine what funding would be required to get from the starting balance to the future cost over the number of years remaining until replacement. The funding plan incorporates the contribution increase parameter to develop a “stair stepped” contribution.

Laguna Hills Community Center

Preface

For example, if an association needs to accumulate \$100,000 in ten years, \$10,000 could be contributed each year. Alternatively, the association could contribute \$8,723 in the first year and increase the contribution by 3% each year thereafter until the tenth year.

In most cases, the contribution increase parameter should match the inflation parameter. Matching the contribution increase parameter to the inflation parameter indicates, in theory, that member contributions should increase at the same rate as the cost of living (inflation parameter). Due to the "time value of money," this creates the most equitable distribution of member contributions through time.

Using a contribution increase parameter that is greater than the inflation parameter will reduce the burden to current members at the expense of future members. Using a contribution increase parameter that is less than the inflation parameter will increase the burden to the current members to the benefit of future members. The following chart shows a comparison:

	0% Increase	3% Increase	10% Increase
Year 1	\$10,000.00	\$8,723.05	\$6,274.54
Year 2	\$10,000.00	\$8,984.74	\$6,901.99
Year 3	\$10,000.00	\$9,254.28	\$7,592.19
Year 4	\$10,000.00	\$9,531.91	\$8,351.41
Year 5	\$10,000.00	\$9,817.87	\$9,186.55
Year 6	\$10,000.00	\$10,112.41	\$10,105.21
Year 7	\$10,000.00	\$10,415.78	\$11,115.73
Year 8	\$10,000.00	\$10,728.25	\$12,227.30
Year 9	\$10,000.00	\$11,050.10	\$13,450.03
Year 10	\$10,000.00	\$11,381.60	\$14,795.04
TOTAL	\$100,000.00	\$100,000.00	\$100,000.00

One major benefit of using component calculation method is that for any single component (or group of components), reserve funding can be precisely calculated. For example, using this calculation method, the reserve analysis can indicate the exact amount of current reserve funds "in the bank" for the roofs and the amount of money being funded towards the roofs each month. This information is displayed on the Management Summary and Charts as well as elsewhere within the report.

Minimum Cash Flow Calculation Method

Minimum cash flow calculation method develops a funding plan based on current reserve funds and projected expenditures during a specific timeframe (typically 30 years). This funding method structures a funding plan that enables the association to pay for all reserve expenditures as they come due, but is not concerned with the ideal level of reserves or percent funded through time.

This calculation method tests reserve contributions against reserve expenditures through time to determine the minimum contribution necessary (baseline funding). This calculation method will determine the minimum reserve contribution to ensure that the beginning reserve balance is sufficient to pay for the scheduled expenditures in each year. By definition, this calculation method will create a funding plan where, at some point over the projection period, the beginning reserve fund balance will equal the expenditures for that year. Under some conditions, based on reserve expenditure profile, this calculation method produces a funding plan that will take the association into an overfunded status through time; in these cases, directed cash flow calculation method can be used to optimize results.

Minimum cash flow calculation method is not without downsides... Unlike component calculation method, the minimum cash flow calculation method cannot precisely calculate reserve funding for any single component (or group of components). In order to work-around this issue to provide this bookkeeping information, a formula has been applied to component calculation method results to calculate a reasonable breakdown. This information is displayed on the Management Summary and Charts as well as elsewhere within the report. Using minimum cash flow calculation method typical-

Laguna Hills Community Center

Preface

ly requires an annual reallocation of reserve funds (amongst reserve components) to ensure each component remains properly funded through time. Associations in states that require segregated reserve funds for certain components (i.e. roofs, painting, etc.), should pay special attention to this issue; it may be desirable to complete separate reserve analyses for segregated reserve components.

Directed Cash Flow Calculation Method

Directed cash flow calculation method develops a funding plan based on current reserve funds and projected expenditures during a specific timeframe (typically 30 years). This funding method structures a funding plan that enables the association to pay for all reserve expenditures as they come due and, if possible, determine the optimal funding plan to achieve 100% funding over the projection period.

Directed cash flow calculation method offers flexibility for developing custom funding plans. Directed cash flow funding plans can accommodate use of various contribution increases and/or special assessments (or loans) through time. As the name suggests, the user “directs” the funding plan as needed to achieve any reserve funding goals or objectives. Because of this flexibility, the vast majority of reserve analyses are developed using this calculation method.

Directed cash flow calculation method is not without downsides... Unlike component calculation method, the directed cash flow calculation method cannot precisely calculate reserve funding for any single component (or group of components). In order to work-around this issue to provide this bookkeeping information, a formula has been applied to component calculation method results to calculate a reasonable breakdown. This information is displayed on the Management Summary and Charts as well as elsewhere within the report. Using directed cash flow calculation method typically requires an annual reallocation of reserve funds (amongst reserve components) to ensure each component remains properly funded through time. Associations in states that require segregated reserve funds for certain components (i.e. roofs, painting, etc.), should pay special attention to this issue; it may be desirable to complete separate reserve analyses for segregated reserve components.

Laguna Hills Community Center

Preface

◆ ◆ ◆ ◆ READING THE RESERVE ANALYSIS ◆ ◆ ◆ ◆

In some cases, the reserve analysis may be a lengthy document of one hundred pages or more. A complete and thorough review of the reserve analysis is always a good idea. However, if time is limited, it is suggested that a thorough review of the summary pages be made. If a “red flag” is raised in this review, the reader should then check the detail information (“Component Detail”), of the component in question, for all relevant information. In this section, a description of most of the summary or report sections is provided along with comments regarding what to look for and how to use each section.

Executive Summary

Provides general information about project, global parameters used in the calculation of the reserve analysis as well as the core results of the reserve analysis.

Client Information

Provides information including fiscal year for which reserve analysis is prepared, number of units, etc.

Global Parameters

Displays calculation parameters that were used to calculate reserve analysis including inflation, contribution increase, investment rate, tax rate and contingency.

Community Profile

Provides brief description of community as well as other “global” comments.

Budget

Provides recommended funding for fiscal year for which reserve analysis is prepared. Indicates reserve funding from membership, anticipated interest contribution and total contribution requirement.

Sample Condominium Association			
Executive Summary			
Directed Cash Flow Method			
Client Information		Global Parameters	
Account Number	00002	Inflation Rate	2.50%
Version Number	1	Annual Contribution Increase	2.50%
Analysis Date	1/16/2023	Investment Rate	1.00%
Fiscal Year	1/1/2022 to 12/31/2022	Taxes on Investments	30.00%
Number of Condominiums	275	Contingency	3.00%
Community Profile			
This community consists of 275 attached condominium units with private roadways, pool area and extensive landscaped areas.			
For budgeting purposes, unless otherwise indicated, we have used January 1994 as the average placed-in-service date for aging the original components included in this analysis.			
ARS site visits: August 24, 2021; July 2018; August 2015; June 2012 and August 2009			
Adequacy of Reserves as of January 1, 2022			
Anticipated Reserve Balance			\$2,860,500.00
Fully Funded Reserve Balance			\$5,089,099.96
Percent Funded			56.21%
Deficit per Condominium			\$8,104.00
Funding for the 2022 Fiscal Year			
	Annual	Monthly	Per Month
Member Contribution	\$524,159	\$43,679.89	\$158.84
Interest Contribution	\$20,842	\$1,736.83	\$6.32
Total Contribution	\$545,001	\$45,416.72	\$165.15

Adequacy of Reserves

Displays results of calculations with regard to “health” of reserve fund as of beginning of fiscal year for which the reserve analysis is prepared. Provides anticipated reserve balance, fully funded reserve balance and percent funded.

Laguna Hills Community Center

Preface

Calculation of Percent Funded

Summary displays all reserve components, shown here in "category" order. Provides remaining life, useful life, current cost and fully funded balance at beginning of fiscal year for which the reserve analysis is prepared.

Reserve Components

All components are displayed (shown here in "category" order).

Lifespans

Remaining life and useful life are displayed. And, these columns are conveniently sub totaled to show range.

Current Cost

Displays current cost to replace or otherwise maintain each component. This column is conveniently sub totaled.

Fully Funded Balance

Displays fully funded balance for each component. This column is conveniently sub totaled.

Total current cost to replace or otherwise maintain all components, total fully funded balance, anticipated reserve balance and percent funded are provided at bottom of this summary. Also shown is range of reserve component remaining lives and useful lives.

Sample Condominium Association
Calculation of Percent Funded
Sorted by Category: Alphabetical

	Remaining Life	Useful Life	Current Cost	Fully Funded Balance
010 Streets				
Streets - Asphalt, Overlay / Major Rehab	6	24	\$360,300.00	\$321,176.47
Streets - Asphalt, Repair	2	4	\$24,300.00	\$12,150.00
Streets - Asphalt, Seal Coat	2	4	\$14,580.00	\$7,290.00
Streets - Concrete	2	4	\$20,300.00	\$10,000.00
Sub Total	2-6	4-24	\$448,980.00	\$350,616.47

020 Roofs				
Roofs - Rain Gutters	12	40	\$123,785.00	\$66,645.50
Roofs - Tile, Clean & Maintain	0	1	\$37,500.00	\$37,500.00
Roofs - Tile, Replace				
Sub Total				

030 Painting				
Painting - Cabana Interior				
Painting - Red Cutbs				
Painting - Stucco				
Painting - Woodwork				
Painting - Wrought Iron, Buildings				
Painting - Wrought Iron, Pool Area				
Sub Total				

040 Fencing, Railing & Walls				
Fencing - Glass Sound Attenuation				
Fencing - Wrought Iron, Pool Area				
Railing & Gates - Wrought Iron, Units				
Walls - Stucco, Repair				
Sub Total				

050 Lighting				
Lighting - Buildings				
Lighting - Landscape				
Lighting - Streets & Walkways				
Sub Total				

060 Pool Area				
Cabana - Ceramic Tile, Interior				
Cabana - Ceramic Tile, Showers				
Cabana - Doors				
Cabana - Plumbing Fixtures%				
Cabana - Restroom Partitions				
Cabana - Water Heater				

Sample Condominium Association
Calculation of Percent Funded
Sorted by Category: Alphabetical

	Remaining Life	Useful Life	Current Cost	Fully Funded Balance
Pool - Filters	2	12	\$4,000.00	\$3,535.46
Pool - Heater	7	12	\$4,750.00	\$1,959.79
Pool - Replaster & Tile	7	10	\$34,387.50	\$9,466.21
Pool Area - Furniture	4	5	\$15,400.00	\$4,529.41
Pool Area - Paver Deck, Repair	17	20	\$20,000.00	\$2,564.10
Pool Area - Wood Patio Covers	7	20	\$15,125.00	\$9,631.25
Spa - Filter	2	10	\$2,000.00	\$1,724.14
Spa - Heater	4	10	\$4,750.00	\$2,650.00
Spa - Replaster & Tile	7	10	\$8,475.00	\$2,337.93
Sub Total	2-17	6-30	\$152,107.50	\$69,326.46

070 Decks				
Decks/Stairs - Clean & Seal	2	4	\$103,868.25	\$45,695.27
Decks/Stairs - Resurface	6	20	\$728,900.00	\$562,196.97
Sub Total	2-6	4-20	\$832,768.25	\$608,092.24

080 Termite Control & Wood Repair				
Termite Control	n.a.	n.a.	\$0.00	\$300,000.00
Wood Repair - Paint Cycle	4	5	\$58,000.00	\$6,444.44
Wood Repair - Shutters	4	20	\$44,900.00	\$39,267.50
Sub Total	4	5-20	\$102,900.00	\$345,731.94

090 Landscape				
Landscape - Irrigation Controllers	7	12	\$24,150.00	\$9,450.00
Landscape - Renovation	0	1	\$17,500.00	\$17,500.00
Sub Total	0-7	1-12	\$41,650.00	\$26,950.00

100 Miscellaneous				
Fire Safety - Control Panels	1	20	\$126,000.00	\$121,655.17
Fire Safety - Extinguisher Cabinets	9	30	\$64,900.00	\$49,113.51
Motobikes	18	20	\$67,000.00	\$6,700.00
Signage	0	20	\$75,000.00	\$75,000.00
Utility Closet Doors	4	20	\$157,100.00	\$137,467.50
Sub Total	0-18	20-30	\$490,000.00	\$389,931.16

Contingency	n.a.	n.a.	n.a.	\$148,225.21
-------------	------	------	------	--------------

Total	0-18	1-40	\$7,044,161.25	\$6,089,099.96
Anticipated Reserve Balance				\$2,860,800.00
Percent Funded				56.21%

Laguna Hills Community Center

Preface

Management Summary and Charts

Summary displays all reserve components, shown here in "category" order. Provides assigned reserve funds at beginning of fiscal year for which reserve analysis is prepared along with monthly member contribution, interest contribution and total contribution for each component and category. Pie charts show graphically how reserve fund is distributed amongst reserve component categories and how each category is funded on a monthly basis.

Sample Condominium Association Management Summary Directed Cash Flow Method; Sorted by Category				
	Balance at Beginning of Year	Monthly Member Contribution	Monthly Interest Contribution	Total Monthly Contribution
010 Streets				
Streets - Asphalt, Overlay / Major Rehab	\$321,178.47	\$1,150.31	\$188.16	\$1,338.46
Streets - Asphalt, Repair	\$12,190.00	\$414.09	\$8.63	\$422.73
Streets - Asphalt, Seal Coat	\$7,200.00	\$248.45	\$5.18	\$253.64
Streets - Concrete	\$10,000.00	\$340.82	\$7.11	\$347.92
Sub Total	\$350,618.47	\$2,153.67	\$209.08	\$2,362.75
020 Roofs				
Roofs - Rain Gutters	\$86,649.50	\$321.53	\$50.81	\$372.34
Roofs - Tile, Clean & Maintain	\$17,500.00	\$2,448.57	\$10.02	\$2,458.59
Roofs - Tile, Replace	\$226,722.83	\$19.25		
Sub Total	\$350,872.33	\$22.05		
030 Painting				
Painting - Cabana Interior	\$94.21	\$1		
Painting - Red Curbs	\$2,557.50	\$8		
Painting - Stucco	\$20,230.79	\$2.85		
Painting - Woodwork	\$19,001.11	\$2.06		
Painting - Wrought Iron, Buildings	\$4,277.78	\$57		
Painting - Wrought Iron, Pool Area	\$670.83	\$4		
Sub Total	\$46,632.22	\$6.19		
040 Fencing, Railing & Walls				
Fencing - Glass Sound Attenuation	\$38,027.03	\$13		
Fencing - Wrought Iron, Pool Area	\$19,455.88	\$6		
Railing & Gates - Wrought Iron, Units	\$298,472.22	\$1.08		
Walls - Stucco, Repair	\$8,368.84	\$2		
Sub Total	\$364,323.97	\$1.31		
050 Lighting				
Lighting - Buildings	\$154,994.23	\$81		
Lighting - Landscape	\$11,340.00	\$12		
Lighting - Streets & Walkways	\$77,437.60	\$27		
Sub Total	\$243,771.73	\$1.21		
060 Pool Area				
Cabana - Ceramic Tile, Interior	\$10,847.94	\$3		
Cabana - Ceramic Tile, Showers	\$6,342.19	\$5		
Cabana - Doors	\$2,036.36	\$1		
Cabana - Plumbing Fixtures%	\$7,404.12	\$2		
Cabana - Restroom Partitions	\$3,609.57	\$2		
Cabana - Water Heater	\$175.00	\$1		

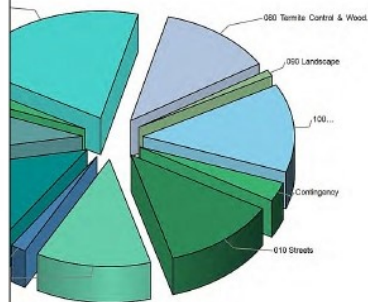
Balance at FYB
Shows amount of
reserve funds assigned to
each reserve component.
And, this column is
conveniently sub totaled.

Sample Condominium Association Management Summary Directed Cash Flow Method; Sorted by Category				
	Balance at Beginning of Year	Monthly Member Contribution	Monthly Interest Contribution	Total Monthly Contribution
070 Decks				
Decks/Stairs - Clean & Seal	\$45,895.27	\$1,901.98	\$34.24	\$1,936.22
Decks/Stairs - Resurface	\$62,196.97	\$2,641.42	\$326.21	\$2,967.63
Sub Total	\$98,092.24	\$4,503.40	\$360.45	\$4,963.85
080 Termite Control & Wood Repair				
Termite Control	\$300,000.00	\$0.00	\$171.35	\$171.35
Wood Repair - Paint Cycle	\$6,444.44	\$871.43	\$7.25	\$878.68
Wood Repair - Shutters	\$39,287.50	\$139.06	\$23.01	\$162.06
Sub Total	\$345,731.94	\$1,010.48	\$201.61	\$1,212.09
090 Landscape				
Landscape - Irrigation Controllers	\$9,450.00	\$155.33	\$6.03	\$161.36
Landscape - Renovation	\$17,500.00	\$1,142.96	\$4.67	\$1,147.64
Sub Total	\$26,950.00	\$1,298.29	\$10.71	\$1,309.00
100 Miscellaneous				
Fire Safety - Control Panels	\$121,655.17	\$423.02	\$71.22	\$494.24
Fire Safety - Extinguisher Cabinets	\$49,113.51	\$179.05	\$28.79	\$207.83
Mailboxes	\$0.00	\$281.30	\$1.15	\$282.45
Signage	\$75,000.00	\$288.18	\$1.18	\$289.36
Utility Closet Doors	\$137,462.50	\$495.04	\$30.51	\$567.05
Sub Total	\$383,231.19	\$1,656.08	\$102.84	\$1,840.92
Contingency	\$83,315.33	\$1,272.23	\$52.79	\$1,325.02
Total	\$2,860,500.30	\$43,679.89	\$1,736.83	\$45,416.72

Monthly Funding
Displays monthly
funding for each
component from
members and interest.
Total monthly funding is
also indicated. And,
these columns are
conveniently sub totaled.

Sample Condominium Association
Management / Accounting Charts
Directed Cash Flow Method; Sorted by Category

Distribution of Current Reserve Fund



Pie Charts

Show graphically how reserve fund is
distributed amongst reserve components
and how components are funded.

Laguna Hills Community Center

Preface

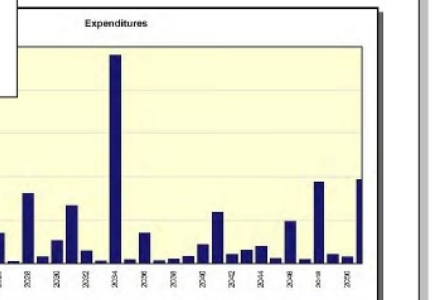
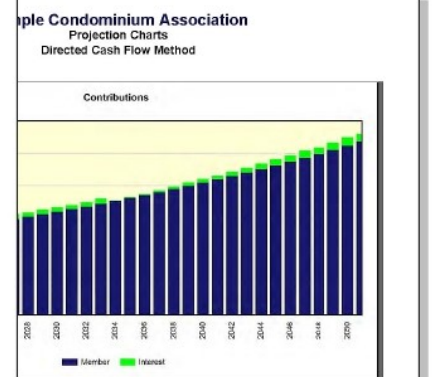
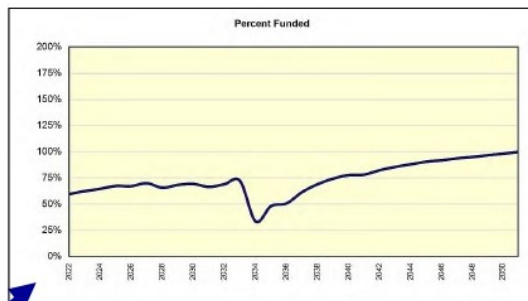
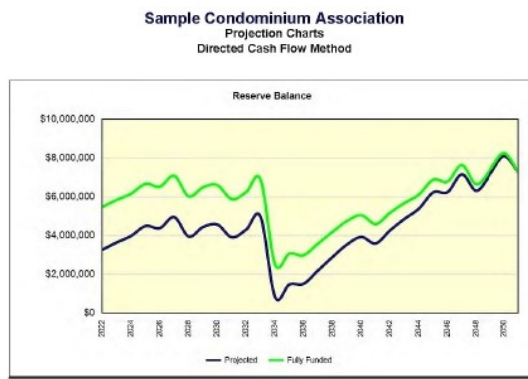
Projections and Charts

Summary displays projections of beginning reserve balance, member contribution, interest contribution, expenditures and ending reserve balance for each year of projection period (shown here for 30 years). Two columns on the right-hand side provide fully funded ending balance and percent funded for each year. Charts show the same information in an easy-to-understand graphic format.

Fiscal Year	Beginning Balance	Member Contribution	Interest Contribution	Expenses	Ending Balance	Fully Funded Balance	Percent Funded
2022	\$2,860,500	\$524,159	\$20,842	\$132,558	\$3,272,943	\$5,483,426	60%
2023	\$3,272,943	\$537,283	\$23,408	\$185,525	\$3,648,089	\$5,844,082	62%
2024	\$3,648,089	\$550,694	\$25,719	\$237,782	\$3,986,740	\$6,166,025	65%
2025	\$3,986,740	\$564,482	\$29,203	\$86,653	\$4,493,752	\$6,666,405	67%
2026	\$4,493,752	\$578,573	\$28,443	\$708,377	\$4,392,391	\$6,531,322	67%
2027	\$4,392,391	\$593,037	\$32,315	\$62,227	\$4,955,515	\$7,086,290	70%
2028	\$4,955,515	\$607,863	\$25,318	\$1,028,558	\$3,960,138	\$6,027,958	66%
2029	\$3,960,138	\$623,060	\$28,629	\$108,680	\$4,443,167	\$6,496,358	68%
2030	\$4,443,167	\$638,636	\$29,479	\$537,690	\$4,503,503	\$6,899,444	65%
2031	\$4,503,503	\$654,602	\$24,850	\$1,334,626	\$3,743,229	\$6,300,000	59%
2032	\$3,743,229	\$670,967	\$27,555	\$301,723	\$4,049,028	\$6,600,000	61%
2033	\$4,049,028	\$687,742	\$32,008	\$72,165	\$4,648,613	\$6,900,000	67%
2034	\$4,648,613	\$704,935	\$3,259	\$4,821,403	\$0	\$0	0%
2035	\$849,594	\$722,559	\$7,600	\$98,150	\$1,471,003	\$7,200,000	20%
2036	\$1,471,003	\$740,623	\$7,798	\$710,195	\$1,410,123	\$7,500,000	19%
2037	\$1,410,123	\$759,138	\$12,554	\$79,656	\$2,292,111	\$7,800,000	29%
2038	\$2,292,111	\$778,117	\$17,274	\$108,305	\$2,969,197	\$8,100,000	37%
2039	\$2,969,197	\$797,569	\$21,663	\$179,342	\$3,567,027	\$8,400,000	42%
2040	\$3,567,027	\$817,509	\$24,333	\$448,099	\$3,932,760	\$8,700,000	45%
2041	\$3,932,760	\$837,946	\$21,842	\$1,191,590	\$3,500,916	\$9,000,000	39%
2042	\$3,500,916	\$858,895	\$26,523	\$217,211	\$4,058,123	\$9,300,000	44%
2043	\$4,058,123	\$880,367	\$30,606	\$313,830	\$4,544,266	\$9,600,000	47%
2044	\$4,544,266	\$902,377	\$34,200	\$409,227	\$5,067,416	\$9,900,000	51%
2045	\$5,067,416	\$924,936	\$39,968	\$125,640	\$5,846,670	\$10,200,000	57%
2046	\$5,846,670	\$948,059	\$39,966	\$972,832	\$5,811,861	\$10,500,000	55%
2047	\$5,811,861	\$971,761	\$46,285	\$101,967	\$6,635,919	\$10,800,000	61%
2048	\$6,635,919	\$996,055	\$40,299	\$1,881,629	\$5,694,645	\$11,100,000	51%
2049	\$5,694,645	\$1,020,966	\$46,111	\$220,077	\$6,440,645	\$11,400,000	56%
2050	\$6,440,645	\$1,046,480	\$52,534	\$164,158	\$7,305,491	\$11,700,000	62%
2051	\$7,305,491	\$1,072,642	\$46,693	\$1,951,295	\$6,342,441	\$12,000,000	53%

Format makes numbers as easy to read and understand as possible. Color-coded bar indicates reserve fund status:

Green	Good	> 65%
Yellow	Fair	40% - 65%
Red	Poor	< 40%



Charts

Show graphically reserve funding plan through time.

Laguna Hills Community Center

Preface

Component Detail

Summary provides detailed information about each reserve component. These pages display all information about each reserve component as well as comments from site observations and historical information regarding replacement or other maintenance.

Lifespan Information

Displays placed-in-service date, useful life, remaining life and replacement year.

Cost Information

Displays quantity, unit cost, percentage of replacement, current cost and future cost.

Calculation Results

Displays assigned reserves and funding requirements.

Sample Condominium Association Component Detail Directed Cash Flow Calculation Method; Sorted By Category			
Streets - Asphalt, Seal Coat			
Category	010 Streets	Quantity	162,000 sq. ft.
		Unit Cost	\$0.09
		% of Replacement	100.00%
		Current Cost	\$14,580.00
		Future Cost	\$15,318.11
Placed In Service	01/2020		
Useful Life	4		
Remaining Life	2		
Replacement Year	2024		
		Assigned Reserves at FYB	\$7,290.00
		Monthly Member Contribution	\$248.45
		Monthly Interest Contribution	\$5.18
		Total Monthly Contribution	\$253.64



The association repaired, seal coated and restriped the asphalt throughout the community during 2015 for an unknown cost. The association repaired, seal coated and restriped the asphalt throughout the community in October 2010 for a total cost of \$4,790, seal coat at \$8,736 and restripe at \$3,482.

The current cost used for this component is based on actual expenditures incurred and adjusted for inflation where applicable.

For budgeting purposes, we have used the next fiscal year's beginning date as the replacement year.

Asphalt surfaces should be seal coated on a 3 to 4 year cycle.

Sample Condominium Association Component Detail Directed Cash Flow Calculation Method; Sorted By Category			
Painting - Stucco			
Category	030 Painting	Quantity	325,750 sq. ft.
		Unit Cost	\$1.18
		% of Replacement	100.00%
		Current Cost	\$384,385.00
		Future Cost	\$480,044.19
Placed In Service	07/2021		
Useful Life	10		
Remaining Life	9		
Replacement Year	2031		
		Assigned Reserves at FYB	\$20,230.79
		Monthly Member Contribution	\$2,855.92
		Monthly Interest Contribution	\$23.24
		Total Monthly Contribution	\$2,879.16



The association painted the entire community (stucco, woodwork, wrought iron and total cost of \$306,000. The association painted the entire community (stucco, woodwork, wrought iron and total cost of \$400,000. The association painted the entire community (stucco, woodwork, wrought iron and total cost of \$1,565,000. The association painted the entire community (stucco, woodwork, wrought iron and total cost of \$1,565,000. The association painted the entire community (stucco, woodwork, wrought iron and total cost of \$1,565,000.

The current cost used for this component is based on actual expenditures incurred and adjusted for inflation where applicable.

Sample Condominium Association Component Detail Directed Cash Flow Calculation Method; Sorted By Category			
Pool - Replaster & Tile			
Category	060 Pool Area	Quantity	1 pool
		Unit Cost	\$34,387.50
		% of Replacement	100.00%
		Current Cost	\$34,387.50
		Future Cost	\$40,875.93
Placed In Service	05/2019		
Useful Life	10		
Remaining Life	7		
Replacement Year	2029		
		Assigned Reserves at FYB	\$9,486.21
		Monthly Member Contribution	\$255.65
		Monthly Interest Contribution	\$6.46
		Total Monthly Contribution	\$262.11



2,125 sq. ft. of replastering	@	\$13.90	=	\$28,887.50
180 lin. ft. of waterline/tile	@	\$17.50	=	\$3,150.00
170 lin. ft. of step/bench tile	@	\$15.00	=	\$2,550.00
		TOTAL	=	\$34,387.50

The association replastered the pool during 2006 for a total cost of \$22,174. The association replastered the pool and spa, replaced the pool and spa lighting (with LED lights) and replaced the mosaic material at the pool area in March 2011 for a total cost of \$41,541. The association replastered the pool and spa in May 2019 for a total cost of \$35,443.

Comments

Useful information from site observations and historical expenses included here.

Photos

Optional photos adds an additional layer of detail to the reserve analysis.

Laguna Hills Community Center

Preface

◆ ◆ ◆ ◆ GLOSSARY OF KEY TERMS ◆ ◆ ◆ ◆

Anticipated Reserve Balance (or Reserve Funds)

Amount of money, as of a certain point in time, held by association to be used for the repair or replacement of reserve components. This figure is "anticipated" because it is calculated based on the most current financial information available as of the analysis date, which is almost always prior to the fiscal year beginning date for which the reserve analysis is prepared.

Assigned Funds (and "Fixed" Assigned Funds)

Amount of money, as of fiscal year beginning date for which reserve analysis is prepared, that a reserve component has been assigned.

Assigned funds are considered "fixed" when the normal calculation process is bypassed and a specific amount of money is assigned to a reserve component. For example, if the normal calculation process assigns \$10,000 to the roofs, but the association would like to show \$20,000 assigned to roofs, "fixed" funds of \$20,000 can be assigned.

Component Calculation Method

Reserve funding calculation method developed based on each individual reserve component. A more detailed description of the actual calculation process is included in the "reserve funding calculation methods" section of the preface.

Contingency Parameter

Rate used as a built-in buffer in the calculation of a reserve funding plan. This rate will assign a percentage of reserve funds, as of the fiscal year beginning, as contingency funds and will also determine the level of funding toward contingency each month.

Contribution Increase Parameter

Rate used in calculation of funding plan. This rate is used on an annual compounding basis. This rate represents, in theory, the rate the association expects to increase contributions each year.

In most cases, this rate should match the inflation parameter. Matching the contribution increase parameter to the inflation parameter indicates, in theory, that member contributions should increase at the same rate as the cost of living (inflation parameter). Due to the "time value of money," this creates the most equitable distribution of member contributions through time.

Current Replacement Cost

Amount of money, as of fiscal year beginning date for which reserve analysis is prepared, that a reserve component is expected to cost to replace.

Directed Cash Flow Calculation Method

Reserve funding calculation method developed based on total annual expenditures. A more detailed description of the actual calculation process is included in the "reserve funding calculation methods" section of the preface.

Fiscal Year

Budget year for association for which reserve analysis is prepared. Fiscal year beginning (FYB) is first day of budget year; fiscal year end (FYE) is last day of budget year.

Fully Funded Reserve Balance

Amount of money that should theoretically have accumulated in the reserve fund as of a certain point in time. Fully funded reserves are calculated for each reserve component based on the current replacement cost, age and useful life:

$$\text{Fully Funded Reserves} = \frac{\text{Age}}{\text{Useful Life}} \times \text{Current Replacement Cost}$$

Fully funded reserve balance is the sum of the fully funded reserves for each reserve component.

An association that has accumulated the fully funded reserve balance does not have all of the funds necessary to replace all of its reserve components immediately; it has the proportionately appropriate reserve funds for the reserve com-

Laguna Hills Community Center

Preface

ponents it maintains, based on each component's current replacement cost, age and useful life.

Future Replacement Cost

Amount of money, as of fiscal year during which replacement of a reserve component is scheduled, that a reserve component is expected to cost to replace. This cost is calculated using the current replacement cost compounded annually by the inflation parameter.

Global Parameters

Financial parameters used to calculate reserve analysis. See also "inflation parameter," "contribution increase parameter," "investment rate parameter" and "taxes on investments parameter."

Inflation Parameter

Rate used in calculation of future costs for reserve components. This rate is used on an annual compounding basis. This rate represents rate the association expects the cost of goods and services relating to their reserve components to increase each year.

Interest Contribution

Amount of money contributed to reserve fund by interest earned on reserve fund and member contributions.

Investment Rate Parameter

Gross rate used in calculation of interest contribution (interest earned) from reserve balance and member contributions. This rate (net of taxes on investments parameter) is used on a monthly compounding basis. This parameter represents the weighted average interest rate association expects to earn on their reserve fund investments.

Membership Contribution

Amount of money contributed to reserve fund by association's membership.

Minimum Cash Flow Calculation Method

Reserve funding calculation method developed based on total annual expenditures. A more detailed description of the actual calculation process is included in the "reserve funding calculation methods" section of the preface.

Monthly Contribution (and "Fixed" Monthly Contribution)

Amount of money, for fiscal year which reserve analysis is prepared, that a reserve component will be funded.

Monthly contribution is considered "fixed" when the normal calculation process is bypassed and a specific amount of money is funded to a reserve component. For example, if the normal calculation process funds \$1,000 to the roofs each month, but the association would like to show \$500 funded to roofs each month, a "fixed" contribution of \$500 can be assigned.

Number of Units (or other assessment basis)

Number of units for which reserve analysis is prepared. In "phased" developments, this number represents the number of units, and corresponding common area components, that exist as of a certain point in time.

For some associations, assessments and reserve contributions are based on a unit of measure other than number of units. Examples include time-interval weeks for timeshare resorts or lot acreage (or square feet) for commercial/industrial developments.

One-Time Replacement

Used for components that will be budgeted for only once.

Percent Funded

Measure of association's reserve fund "health," expressed as a percentage, as of a certain point in time. This number is the ratio of anticipated reserve fund balance to fully funded reserve balance:

$$\text{Percent Funded} = \frac{\text{Anticipated Reserve Fund Balance}}{\text{Fully Funded Reserve Balance}}$$

Laguna Hills Community Center

Preface

Reserve fund health:

Green	Good	> 65%
Yellow	Fair	40% to 65%
Red	Poor	< 40%

An association that is 100% funded does not have all reserve funds necessary to replace all of its reserve components immediately; it has the proportionately appropriate reserve funds for reserve components it maintains, based on each component's current replacement cost, age and useful life.

Percentage of Replacement

Percentage of reserve component that is expected to be replaced.

For most reserve components, this percentage is 100%. In some cases, this percentage may be more or less than 100%. For example, fencing which is shared with a neighboring community may be set at 50%. Another example would be a component where partial replacement is expected, such as interior doors.

Placed-In-Service Date

Date (month and year) that a reserve component was originally put into service or last replaced.

Remaining Life

Length of time, in years, until a reserve component is scheduled to be replaced.

Remaining Life Adjustment

Length of time, in years, that a reserve component is expected to last in excess (or deficiency) of its useful life for current cycle of replacement (only).

If current cycle of replacement for a reserve component is expected to be greater than or less than the "normal" life expectancy, the reserve component's life should be adjusted using a remaining life adjustment.

For example, if wood trim is painted normally on a 4 year cycle, useful life should be 4 years. However, when it comes time to paint the wood trim and it is determined that it can be deferred for an additional year, useful life should remain at 4 years and a remaining life adjustment of +1 year should be used.

Replacement Year

Fiscal year that a reserve component is scheduled to be replaced.

Reserve Components

Line items included in the reserve analysis.

Taxes on Investments Parameter

Rate used to offset investment rate parameter in the calculation of interest contribution. This parameter represents the marginal tax rate association expects to pay on interest earned by reserve funds and member contributions.

Total Contribution

Sum of membership contribution and interest contribution.

Useful Life

Length of time, in years, that a reserve component is expected to last each time it is replaced. See also "remaining life adjustment."

Laguna Hills Community Center

Preface

◆ ◆ ◆ ◆ LIMITATIONS OF RESERVE ANALYSIS ◆ ◆ ◆ ◆

This reserve analysis is intended as a tool for the association's Board of Directors to be used in evaluating the association's current physical and financial condition with regard to reserve components. The results of this reserve analysis represent the independent opinion of the preparer. There is no implied warranty or guarantee of this work product.

For the purposes of this reserve analysis, it has been assumed that all components have been installed properly, no construction defects exist and all components are operational. Additionally, it has been assumed that all components will be maintained properly in the future.

Representations set forth in this reserve analysis are based on the best information and estimates of the preparer as of the date of this analysis. These estimates are subject to change. This reserve analysis includes estimates of replacement costs and life expectancies as well as assumptions regarding future events. Some estimates are projections of future events based on information currently available and are not necessarily indicative of the actual future outcome. The longer the time period between the estimate and the estimated event, the more likely the possibility of error and/or discrepancy. For example, some assumptions inevitably will not materialize and unanticipated events and circumstances may occur subsequent to the preparation of this reserve analysis. Therefore, the actual replacement costs and remaining lives may vary from this reserve analysis and the variation may be significant. Additionally, inflation and other economic events may impact this reserve analysis, particularly over an extended period of time and those events could have a significant and negative impact on the accuracy of this reserve analysis and, further, the funds available to meet the association's obligation for repair, replacement or other maintenance of major components during their estimated useful life. Furthermore, the occurrence of vandalism, severe weather conditions, climate change, earthquakes, floods, acts of nature or other unforeseen events cannot be predicted and/or accounted for and are excluded when assessing life expectancy, repair and/or replacement costs of the reserve components.

Laguna Hills Community Center

Executive Summary Directed Cash Flow Method

Client Information

Account Number	12692
Version Number	1
Analysis Date	11/8/2023
Fiscal Year	7/1/2023 to 6/30/2024
Number of facility	1

Global Parameters

Inflation Rate	3.00%
Annual Contribution Increase	3.00%
Investment Rate	3.00%
Taxes on Investments	0.00%
Contingency	3.00%

Community Profile

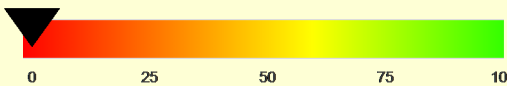
The Laguna Hills Community Center consists of a 42,000 sq. ft. building that houses the City's Community Services Department. The building contains a large gymnasium, dance studio, large ballroom with stage, commercial kitchen, classrooms, offices, tower meeting room, restrooms/locker rooms, PC room (operated by the library) parking lot and outdoor patio with elaborate water gardens.

For budgeting purposes, we have used July 2002 as the placed-in-service date for aging the original components throughout this analysis.

At the request of the client, we have included only those reserve components with a replacement cost of \$20,000 or greater in this analysis.

ARS site visits conducted: October 25, 2023 & March 27, 2008

Adequacy of Reserves as of July 1, 2023

Anticipated Reserve Balance		\$0.00
Fully Funded Reserve Balance		\$4,733,032.41
Percent Funded	0 25 50 75 100	0.00%
Deficit per facility		\$4,733,032.41

Funding for the 2023-24 Fiscal Year	Annual	Monthly	Per facility Per Month
Member Contribution	\$474,500	\$39,541.67	\$39,541.67
Interest Contribution	\$2,100	\$174.97	\$174.97
Total Contribution	\$476,600	\$39,716.64	\$39,716.64

Laguna Hills Community Center

Preparer's Disclosure Statement

In August 1998, Richard Ruffell was awarded the Reserve Specialist (RS) designation from Community Associations Institute (CAI). Mr. Ruffell was the twelfth person in the United States to receive this professional designation.

The RS designation was developed by CAI for professional reserve analysts who wish to confirm to their peers and/or clients that they have demonstrated a basic level of competency within the industry. The RS designation is awarded to reserve analysts who are dedicated to the highest standards of professionalism and reserve analysis preparation.

Consultant certifies that:

1) Consultant has no other involvement with association which could result in actual or perceived conflicts of interest.

2) Consultant made site visits of community on October 26, 2023 & March 27, 2008. Component inventories were developed by actual field inventory, representative sampling, take-offs of scaled plans, provided by the association's previous reserve analysis prepared by another firm or provided by the association.

Component conditional assessments were developed by actual field observation and representative sampling.

3) Financial assumptions used in this analysis are listed on the Executive Summary and further explained in the Preface of this report.

4) Consultant is a Reserve Specialist (RS) designee.

5) There are no material issues known to consultant at this time which would cause a distortion of the association's situation.

Laguna Hills Community Center

Photo Library



Building Exterior



Courtyard Water Feature



Built up Roof



Built up Roof

Laguna Hills Community Center

Photo Library



HVAC Systems



Entry Lobby



Gymnasium



Kitchen

Laguna Hills Community Center

Photo Library



Restrooms



Boiler



Ballroom



Fire Control Panel

Laguna Hills Community Center

Photo Library



Restrooms



Battery Backup



Building Exterior



Walkway Lighting

Laguna Hills Community Center

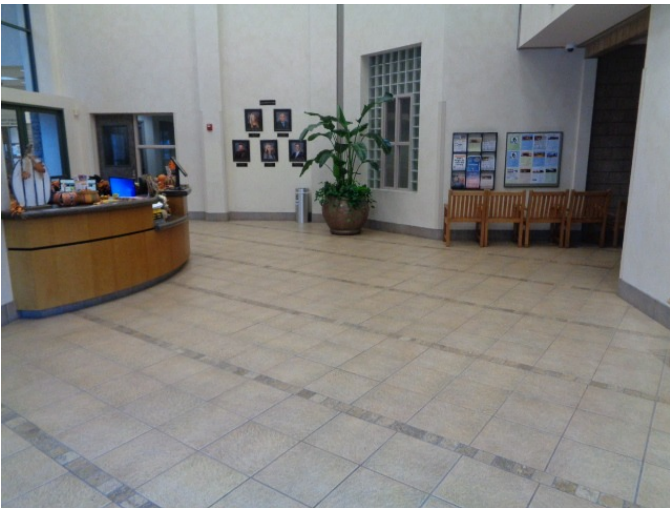
Photo Library



Building Interior



Elevator



Building Interior



Ballroom

Laguna Hills Community Center
Cross-Tabular Summary
Directed Cash Flow Method; Sorted by Category

	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
BEGINNING RESERVE BALANCE	\$0	\$329,330	\$408,387	\$735,503	\$1,283,562	\$1,189,210	\$1,663,200	\$2,261,965	\$2,708,033	\$3,399,817
Member Contribution	\$474,500	\$488,735	\$503,397	\$518,499	\$534,054	\$550,076	\$566,578	\$583,575	\$601,082	\$619,115
Interest Contribution	\$2,100	\$4,205	\$13,625	\$29,560	\$26,525	\$40,259	\$57,669	\$70,563	\$90,702	\$0
Expenditures (detailed below)	\$147,270	\$413,883	\$189,905	\$0	\$654,931	\$116,345	\$25,481	\$208,070	\$0	\$4,006,276
ENDING RESERVE BALANCE	\$329,330	\$408,387	\$735,503	\$1,283,562	\$1,189,210	\$1,663,200	\$2,261,965	\$2,708,033	\$3,399,817	\$2,795
Concrete - Mastic, Unfunded										
Concrete - Replacement										
Streets - Asphalt, Major Rehab						\$98,956				
Streets - Asphalt, Repair/Seal & Stripe		\$21,980					\$25,481			
Roofs - Built Up, Coating, 2020								\$158,875		
Roofs - Built Up, Coating, 2024	\$107,270									
Roofs - Built Up, Replacement										
Roofs - Glass					\$42,207					
Roofs - Skylights	\$40,000									
Roofs - Tile										
Painting - Exterior		\$91,850								
Painting - Interior			\$163,383							
Fencing - Metal										
Walls - Masonry										
Lighting - Exterior, Building										
Lighting - Exterior, Grounds, Newer										
Lighting - Exterior, Grounds, Original					\$141,814					
Lighting - Interior										
Building Interior - Cabinets/Counters										\$326,063
Building Interior - Ceiling Panels										\$66,870
Building Interior - Drinking Fountains, 2022										
Building Interior - Drinking Fountains, Original					\$27,012					
Building Interior - Floor, Carpet		\$116,712								
Building Interior - Floor, Ceramic Tile										\$445,441
Building Interior - Floor, Vinyl Tile					\$53,211					

Laguna Hills Community Center
Cross-Tabular Summary
Directed Cash Flow Method; Sorted by Category

	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39	2039-40	2040-41	2041-42	2042-43
BEGINNING RESERVE BALANCE	\$2,795	\$500,863	\$862,769	\$1,348,663	\$1,297,195	\$1,248,104	\$2,035,572	\$2,834,190	\$3,392,497	\$4,218,864
Member Contribution	\$637,688	\$656,819	\$676,524	\$696,819	\$717,724	\$739,256	\$761,433	\$784,276	\$807,804	\$832,039
Interest Contribution	\$4,542	\$14,917	\$28,944	\$27,098	\$25,313	\$48,212	\$71,430	\$87,543	\$111,558	\$97,365
Expenditures (detailed below)	\$144,162	\$309,830	\$219,573	\$775,386	\$792,128	\$0	\$34,244	\$313,512	\$92,995	\$1,397,050
ENDING RESERVE BALANCE	\$500,863	\$862,769	\$1,348,663	\$1,297,195	\$1,248,104	\$2,035,572	\$2,834,190	\$3,392,497	\$4,218,864	\$3,751,218
Concrete - Mastic, Unfunded										
Concrete - Replacement										\$1,397,050
Streets - Asphalt, Major Rehab										
Streets - Asphalt, Repair/Seal & Stripe		\$29,540					\$34,244			
Roofs - Built Up, Coating, 2020								\$213,515		
Roofs - Built Up, Coating, 2024	\$144,162									
Roofs - Built Up, Replacement										
Roofs - Glass										
Roofs - Skylights										
Roofs - Tile										
Painting - Exterior		\$123,439								
Painting - Interior			\$219,573							
Fencing - Metal					\$241,213					
Walls - Masonry					\$354,279					
Lighting - Exterior, Building									\$50,435	
Lighting - Exterior, Grounds, Newer								\$33,883		
Lighting - Exterior, Grounds, Original										
Lighting - Interior										
Building Interior - Cabinets/Counters										
Building Interior - Ceiling Panels										
Building Interior - Drinking Fountains, 2022										
Building Interior - Drinking Fountains, Original										
Building Interior - Floor, Carpet		\$156,852								
Building Interior - Floor, Ceramic Tile										
Building Interior - Floor, Vinyl Tile										

Laguna Hills Community Center
Cross-Tabular Summary
Directed Cash Flow Method; Sorted by Category

	2043-44	2044-45	2045-46	2046-47	2047-48	2048-49	2049-50	2050-51	2051-52	2052-53
BEGINNING RESERVE BALANCE	\$3,751,218	\$3,382,780	\$3,798,218	\$4,531,479	\$4,703,226	\$5,706,915	\$6,887,769	\$8,087,336	\$9,014,708	\$10,389,573
Member Contribution	\$857,000	\$882,710	\$909,191	\$936,467	\$964,561	\$993,498	\$1,023,303	\$1,054,002	\$1,085,622	\$1,118,190
Interest Contribution	\$86,088	\$97,938	\$119,157	\$123,789	\$152,965	\$187,356	\$222,287	\$249,168	\$289,243	\$248,994
Expenditures (detailed below)	\$1,311,526	\$565,210	\$295,088	\$888,509	\$113,836	\$0	\$46,022	\$375,798	\$0	\$2,713,015
ENDING RESERVE BALANCE	\$3,382,780	\$3,798,218	\$4,531,479	\$4,703,226	\$5,706,915	\$6,887,769	\$8,087,336	\$9,014,708	\$10,389,573	\$9,043,742
Concrete - Mastic, Unfunded										
Concrete - Replacement										
Streets - Asphalt, Major Rehab										\$201,156
Streets - Asphalt, Repair/Seal & Stripe		\$39,699					\$46,022			
Roofs - Built Up, Coating, 2020								\$286,946		
Roofs - Built Up, Coating, 2024	\$193,742									
Roofs - Built Up, Replacement	\$427,055									
Roofs - Glass										\$88,371
Roofs - Skylights	\$72,244									
Roofs - Tile	\$591,393									
Painting - Exterior		\$165,892								
Painting - Interior			\$295,088							
Fencing - Metal										
Walls - Masonry										
Lighting - Exterior, Building										
Lighting - Exterior, Grounds, Newer										
Lighting - Exterior, Grounds, Original										\$296,927
Lighting - Interior				\$695,097						
Building Interior - Cabinets/Counters										
Building Interior - Ceiling Panels										
Building Interior - Drinking Fountains, 2022					\$24,394					
Building Interior - Drinking Fountains, Original										\$56,558
Building Interior - Floor, Carpet		\$210,796								
Building Interior - Floor, Ceramic Tile										
Building Interior - Floor, Vinyl Tile										\$111,411

Laguna Hills Community Center
Cross-Tabular Summary
Directed Cash Flow Method; Sorted by Category

	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
BEGINNING RESERVE BALANCE	\$0	\$329,330	\$408,387	\$735,503	\$1,283,562	\$1,189,210	\$1,663,200	\$2,261,965	\$2,708,033	\$3,399,817
Member Contribution	\$474,500	\$488,735	\$503,397	\$518,499	\$534,054	\$550,076	\$566,578	\$583,575	\$601,082	\$619,115
Interest Contribution	\$2,100	\$4,205	\$13,625	\$29,560	\$26,525	\$40,259	\$57,669	\$70,563	\$90,702	\$0
Expenditures (detailed below)	\$147,270	\$413,883	\$189,905	\$0	\$654,931	\$116,345	\$25,481	\$208,070	\$0	\$4,006,276
ENDING RESERVE BALANCE	\$329,330	\$408,387	\$735,503	\$1,283,562	\$1,189,210	\$1,663,200	\$2,261,965	\$2,708,033	\$3,399,817	\$2,795
Building Interior - Floor, Wood										\$888,436
Building Interior - Furniture, Unfunded										
Building Interior - Gym, Basketball Backboards										\$97,858
Building Interior - Gym, Bleachers										
Building Interior - Kitchen Equipment		\$82,400								
Building Interior - Restroom Remodel, Floor 1										\$670,275
Building Interior - Restroom Remodel, Floor 2										\$116,725
Building Interior - Room Partitions		\$100,940								
Building Interior - Wall, Ceramic Tile										\$309,558
Building Interior - Wall, Wallpaper					\$51,904					
Building Interior - Window Blinds					\$91,622					
Building Exterior - Doors										\$213,330
Equipment - Audio/Video					\$89,028					
Equipment - Back Up, Power Supply					\$67,531					
Equipment - Electronic/Office, Unfunded										
Equipment - Elevator, Cab Refurbishing						\$17,389				
Equipment - Elevator, Modernization										\$326,193
Equipment - Fire Control Panels					\$41,081					
Equipment - HVAC, Boilers			\$26,523							
Equipment - HVAC, Heaters										\$67,848
Equipment - HVAC, Package Units										
Equipment - HVAC, Ventilation Fans					\$49,522					
Equipment - Surveillance System								\$49,195		
Grounds - Fountain, Refurbish										\$326,193
Grounds - Park Furnishings										\$151,484

Laguna Hills Community Center
Cross-Tabular Summary
Directed Cash Flow Method; Sorted by Category

	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39	2039-40	2040-41	2041-42	2042-43
BEGINNING RESERVE BALANCE	\$2,795	\$500,863	\$862,769	\$1,348,663	\$1,297,195	\$1,248,104	\$2,035,572	\$2,834,190	\$3,392,497	\$4,218,864
Member Contribution	\$637,688	\$656,819	\$676,524	\$696,819	\$717,724	\$739,256	\$761,433	\$784,276	\$807,804	\$832,039
Interest Contribution	\$4,542	\$14,917	\$28,944	\$27,098	\$25,313	\$48,212	\$71,430	\$87,543	\$111,558	\$97,365
Expenditures (detailed below)	\$144,162	\$309,830	\$219,573	\$775,386	\$792,128	\$0	\$34,244	\$313,512	\$92,995	\$1,397,050
ENDING RESERVE BALANCE	\$500,863	\$862,769	\$1,348,663	\$1,297,195	\$1,248,104	\$2,035,572	\$2,834,190	\$3,392,497	\$4,218,864	\$3,751,218
Building Interior - Floor, Wood										
Building Interior - Furniture, Unfunded										
Building Interior - Gym, Basketball Backboards										
Building Interior - Gym, Bleachers					\$196,637					
Building Interior - Kitchen Equipment										
Building Interior - Restroom Remodel, Floor 1										
Building Interior - Restroom Remodel, Floor 2										
Building Interior - Room Partitions										
Building Interior - Wall, Ceramic Tile										
Building Interior - Wall, Wallpaper										
Building Interior - Window Blinds										
Building Exterior - Doors										
Equipment - Audio/Video										
Equipment - Back Up, Power Supply										
Equipment - Electronic/Office, Unfunded										
Equipment - Elevator, Cab Refurbishing										
Equipment - Elevator, Modernization										
Equipment - Fire Control Panels										
Equipment - HVAC, Boilers									\$42,561	
Equipment - HVAC, Heaters										
Equipment - HVAC, Package Units				\$775,386						
Equipment - HVAC, Ventilation Fans										
Equipment - Surveillance System								\$66,114		
Grounds - Fountain, Refurbish										
Grounds - Park Furnishings										

Laguna Hills Community Center
Cross-Tabular Summary
Directed Cash Flow Method; Sorted by Category

	2043-44	2044-45	2045-46	2046-47	2047-48	2048-49	2049-50	2050-51	2051-52	2052-53
BEGINNING RESERVE BALANCE	\$3,751,218	\$3,382,780	\$3,798,218	\$4,531,479	\$4,703,226	\$5,706,915	\$6,887,769	\$8,087,336	\$9,014,708	\$10,389,573
Member Contribution	\$857,000	\$882,710	\$909,191	\$936,467	\$964,561	\$993,498	\$1,023,303	\$1,054,002	\$1,085,622	\$1,118,190
Interest Contribution	\$86,088	\$97,938	\$119,157	\$123,789	\$152,965	\$187,356	\$222,287	\$249,168	\$289,243	\$248,994
Expenditures (detailed below)	\$1,311,526	\$565,210	\$295,088	\$888,509	\$113,836	\$0	\$46,022	\$375,798	\$0	\$2,713,015
ENDING RESERVE BALANCE	\$3,382,780	\$3,798,218	\$4,531,479	\$4,703,226	\$5,706,915	\$6,887,769	\$8,087,336	\$9,014,708	\$10,389,573	\$9,043,742
Building Interior - Floor, Wood										
Building Interior - Furniture, Unfunded										
Building Interior - Gym, Basketball Backboards										
Building Interior - Gym, Bleachers										
Building Interior - Kitchen Equipment		\$148,824								
Building Interior - Restroom Remodel, Floor 1										
Building Interior - Restroom Remodel, Floor 2										
Building Interior - Room Partitions				\$193,411						
Building Interior - Wall, Ceramic Tile										
Building Interior - Wall, Wallpaper										\$108,675
Building Interior - Window Blinds										\$191,836
Building Exterior - Doors										
Equipment - Audio/Video										\$186,404
Equipment - Back Up, Power Supply										\$141,394
Equipment - Electronic/Office, Unfunded										
Equipment - Elevator, Cab Refurbishing	\$27,092									
Equipment - Elevator, Modernization										
Equipment - Fire Control Panels										\$86,015
Equipment - HVAC, Boilers										
Equipment - HVAC, Heaters										
Equipment - HVAC, Package Units										\$1,244,267
Equipment - HVAC, Ventilation Fans					\$89,443					
Equipment - Surveillance System								\$88,852		
Grounds - Fountain, Refurbish										
Grounds - Park Furnishings										

Laguna Hills Community Center

Calculation of Percent Funded Sorted by Category; Alphabetical

	Remaining Life	Useful Life	Current Cost	Fully Funded Balance
<u>010 Asphalt & Concrete</u>				
Concrete - Mastic, Unfunded	n.a.	n.a.	\$0.00	\$0.00
Concrete - Replacement	19	40	\$796,718.00	\$418,276.95
Streets - Asphalt, Major Rehab	5	24	\$85,360.00	\$68,944.62
Streets - Asphalt, Repair/Seal & Stripe	1	5	\$21,340.00	\$19,917.33
Sub Total	1-19	5-40	\$903,418.00	\$507,138.90
<u>020 Roofs</u>				
Roofs - Built Up, Coating, 2020	7	10	\$129,180.00	\$38,754.00
Roofs - Built Up, Coating, 2024	0	10	\$107,270.00	\$107,270.00
Roofs - Built Up, Replacement	20	40	\$236,450.00	\$121,108.54
Roofs - Glass	4	25	\$37,500.00	\$31,500.00
Roofs - Skylights	0	20	\$40,000.00	\$40,000.00
Roofs - Tile	20	40	\$327,440.00	\$167,713.17
Sub Total	0-20	10-40	\$877,840.00	\$506,345.71
<u>030 Painting</u>				
Painting - Exterior	1	10	\$89,175.00	\$85,121.59
Painting - Interior	2	10	\$154,004.00	\$123,203.20
Sub Total	1-2	10	\$243,179.00	\$208,324.79
<u>040 Fencing/Walls</u>				
Fencing - Metal	14	35	\$159,470.00	\$95,682.00
Walls - Masonry	14	35	\$234,220.00	\$140,532.00
Sub Total	14	35	\$393,690.00	\$236,214.00
<u>050 Lighting</u>				
Lighting - Exterior, Building	18	20	\$29,625.00	\$2,962.50
Lighting - Exterior, Grounds, Newer	17	20	\$20,500.00	\$3,075.00
Lighting - Exterior, Grounds, Original	4	25	\$126,000.00	\$105,840.00
Lighting - Interior	23	25	\$352,200.00	\$28,176.00
Sub Total	4-23	20-25	\$528,325.00	\$140,053.50
<u>070 Building Interior</u>				
Building Interior - Cabinets/Counters	9	30	\$249,900.00	\$174,930.00
Building Interior - Ceiling Panels	9	30	\$51,250.50	\$35,875.35
Building Interior - Drinking Fountains, 2022	24	25	\$12,000.00	\$480.00
Building Interior - Drinking Fountains, Original	4	25	\$24,000.00	\$20,160.00
Building Interior - Floor, Carpet	1	10	\$113,313.00	\$101,981.70
Building Interior - Floor, Ceramic Tile	9	30	\$341,393.50	\$238,975.45
Building Interior - Floor, Vinyl Tile	4	25	\$47,277.00	\$39,712.68
Building Interior - Floor, Wood	9	30	\$680,912.40	\$476,638.68

Laguna Hills Community Center

Calculation of Percent Funded Sorted by Category; Alphabetical

	Remaining Life	Useful Life	Current Cost	Fully Funded Balance
Building Interior - Furniture, Unfunded	n.a.	n.a.	\$0.00	\$0.00
Building Interior - Gym, Basketball Backboards	9	30	\$75,000.00	\$52,500.00
Building Interior - Gym, Bleachers	14	35	\$130,000.00	\$78,000.00
Building Interior - Kitchen Equipment	1	20	\$80,000.00	\$76,363.64
Building Interior - Restroom Remodel, Floor 1	9	30	\$513,710.00	\$359,597.00
Building Interior - Restroom Remodel, Floor 2	9	30	\$89,460.00	\$62,622.00
Building Interior - Room Partitions	1	22	\$98,000.00	\$93,545.45
Building Interior - Wall, Ceramic Tile	9	30	\$237,250.20	\$166,075.14
Building Interior - Wall, Wallpaper	4	25	\$46,116.00	\$38,737.44
Building Interior - Window Blinds	4	25	\$81,405.00	\$68,380.20
Sub Total	1-24	10-35	\$2,870,987.60	\$2,084,574.73

080 Building Exterior

Building Exterior - Doors	9	30	\$163,500.00	\$114,450.00
Sub Total	9	30	\$163,500.00	\$114,450.00

090 Equipment

Equipment - Audio/Video	4	25	\$79,100.00	\$66,444.00
Equipment - Back Up, Power Supply	4	25	\$60,000.00	\$50,400.00
Equipment - Electronic/Office, Unfunded	n.a.	n.a.	\$0.00	\$0.00
Equipment - Elevator, Cab Refurbishing	5	15	\$15,000.00	\$12,115.38
Equipment - Elevator, Modernization	9	30	\$250,000.00	\$175,000.00
Equipment - Fire Control Panels	4	25	\$36,500.00	\$30,660.00
Equipment - HVAC, Boilers	2	16	\$25,000.00	\$22,826.09
Equipment - HVAC, Heaters	9	30	\$52,000.00	\$36,400.00
Equipment - HVAC, Package Units	13	16	\$528,000.00	\$99,000.00
Equipment - HVAC, Ventilation Fans	4	20	\$44,000.00	\$36,960.00
Equipment - Surveillance System	7	10	\$40,000.00	\$12,000.00
Sub Total	2-13	10-30	\$1,129,600.00	\$541,805.47

100 Grounds

Grounds - Fountain, Refurbish	9	30	\$250,000.00	\$175,000.00
Grounds - Park Furnishings	9	30	\$116,100.00	\$81,270.00
Sub Total	9	30	\$366,100.00	\$256,270.00

Contingency	n.a.	n.a.	n.a.	\$137,855.31
-------------	------	------	------	--------------

Total	0-24	5-40	\$7,476,639.60	\$4,733,032.41
Anticipated Reserve Balance				\$0.00
Percent Funded				0.00%

Laguna Hills Community Center
Management Summary
Directed Cash Flow Method; Sorted by Category

	Balance at Beginning of Year	Monthly Member Contribution	Monthly Interest Contribution	Total Monthly Contribution
<u>010 Asphalt & Concrete</u>				
Concrete - Mastic, Unfunded	\$0.00	\$0.00	\$0.00	\$0.00
Concrete - Replacement	\$0.00	\$1,336.08	\$5.91	\$1,341.99
Streets - Asphalt, Major Rehab	\$0.00	\$545.50	\$2.41	\$547.91
Streets - Asphalt, Repair/Seal & Stripe	\$0.00	\$682.43	\$3.02	\$685.45
Sub Total	\$0.00	\$2,564.01	\$11.35	\$2,575.36
<u>020 Roofs</u>				
Roofs - Built Up, Coating, 2020	\$0.00	\$589.43	\$2.61	\$592.04
Roofs - Built Up, Coating, 2024	\$0.00	\$342.41	\$1.52	\$343.93
Roofs - Built Up, Replacement	\$0.00	\$376.62	\$1.67	\$378.29
Roofs - Glass	\$0.00	\$299.62	\$1.33	\$300.95
Roofs - Skylights	\$0.00	\$63.71	\$0.28	\$63.99
Roofs - Tile	\$0.00	\$521.55	\$2.31	\$523.86
Sub Total	\$0.00	\$2,193.35	\$9.71	\$2,203.05
<u>030 Painting</u>				
Painting - Exterior	\$0.00	\$2,851.70	\$12.62	\$2,864.32
Painting - Interior	\$0.00	\$2,461.93	\$10.89	\$2,472.82
Sub Total	\$0.00	\$5,313.63	\$23.51	\$5,337.15
<u>040 Fencing/Walls</u>				
Fencing - Metal	\$0.00	\$363.31	\$1.61	\$364.91
Walls - Masonry	\$0.00	\$533.60	\$2.36	\$535.96
Sub Total	\$0.00	\$896.91	\$3.97	\$900.88
<u>050 Lighting</u>				
Lighting - Exterior, Building	\$0.00	\$52.45	\$0.23	\$52.68
Lighting - Exterior, Grounds, Newer	\$0.00	\$38.44	\$0.17	\$38.61
Lighting - Exterior, Grounds, Original	\$0.00	\$1,006.72	\$4.45	\$1,011.18
Lighting - Interior	\$0.00	\$487.52	\$2.16	\$489.68
Sub Total	\$0.00	\$1,585.13	\$7.01	\$1,592.14
<u>070 Building Interior</u>				
Building Interior - Cabinets/Counters	\$0.00	\$886.51	\$3.92	\$890.43
Building Interior - Ceiling Panels	\$0.00	\$181.81	\$0.80	\$182.61
Building Interior - Drinking Fountains, 2022	\$0.00	\$15.92	\$0.07	\$15.99
Building Interior - Drinking Fountains, Original	\$0.00	\$191.76	\$0.85	\$192.60
Building Interior - Floor, Carpet	\$0.00	\$3,623.61	\$16.03	\$3,639.64
Building Interior - Floor, Ceramic Tile	\$0.00	\$1,211.08	\$5.36	\$1,216.44
Building Interior - Floor, Vinyl Tile	\$0.00	\$377.74	\$1.67	\$379.41
Building Interior - Floor, Wood	\$0.00	\$2,415.51	\$10.69	\$2,426.20

Laguna Hills Community Center
Management Summary
Directed Cash Flow Method; Sorted by Category

	Balance at Beginning of Year	Monthly Member Contribution	Monthly Interest Contribution	Total Monthly Contribution
Building Interior - Furniture, Unfunded	\$0.00	\$0.00	\$0.00	\$0.00
Building Interior - Gym, Basketball Backboards	\$0.00	\$266.06	\$1.18	\$267.24
Building Interior - Gym, Bleachers	\$0.00	\$296.17	\$1.31	\$297.48
Building Interior - Kitchen Equipment	\$0.00	\$2,558.30	\$11.32	\$2,569.62
Building Interior - Restroom Remodel, Floor 1	\$0.00	\$1,822.36	\$8.06	\$1,830.43
Building Interior - Restroom Remodel, Floor 2	\$0.00	\$317.36	\$1.40	\$318.76
Building Interior - Room Partitions	\$0.00	\$3,133.92	\$13.87	\$3,147.78
Building Interior - Wall, Ceramic Tile	\$0.00	\$841.64	\$3.72	\$845.36
Building Interior - Wall, Wallpaper	\$0.00	\$368.46	\$1.63	\$370.09
Building Interior - Window Blinds	\$0.00	\$650.41	\$2.88	\$653.29
Sub Total	\$0.00	\$19,158.59	\$84.78	\$19,243.37
<u>080 Building Exterior</u>				
Building Exterior - Doors	\$0.00	\$580.01	\$2.57	\$582.58
Sub Total	\$0.00	\$580.01	\$2.57	\$582.58
<u>090 Equipment</u>				
Equipment - Audio/Video	\$0.00	\$632.00	\$2.80	\$634.79
Equipment - Back Up, Power Supply	\$0.00	\$479.39	\$2.12	\$481.51
Equipment - Electronic/Office, Unfunded	\$0.00	\$0.00	\$0.00	\$0.00
Equipment - Elevator, Cab Refurbishing	\$0.00	\$95.86	\$0.42	\$96.28
Equipment - Elevator, Modernization	\$0.00	\$886.86	\$3.92	\$890.79
Equipment - Fire Control Panels	\$0.00	\$291.63	\$1.29	\$292.92
Equipment - HVAC, Boilers	\$0.00	\$399.65	\$1.77	\$401.42
Equipment - HVAC, Heaters	\$0.00	\$184.47	\$0.82	\$185.28
Equipment - HVAC, Package Units	\$0.00	\$1,295.68	\$5.73	\$1,301.42
Equipment - HVAC, Ventilation Fans	\$0.00	\$351.55	\$1.56	\$353.11
Equipment - Surveillance System	\$0.00	\$182.51	\$0.81	\$183.32
Sub Total	\$0.00	\$4,799.61	\$21.24	\$4,820.85
<u>100 Grounds</u>				
Grounds - Fountain, Refurbish	\$0.00	\$886.86	\$3.92	\$890.79
Grounds - Park Furnishings	\$0.00	\$411.86	\$1.82	\$413.68
Sub Total	\$0.00	\$1,298.72	\$5.75	\$1,304.47
Contingency	\$0.00	\$1,151.70	\$5.10	\$1,156.80
Total	\$0.00	\$39,541.67	\$174.97	\$39,716.64

Laguna Hills Community Center
Management / Accounting Charts
Directed Cash Flow Method; Sorted by Category

Distribution of Current Reserve Fund

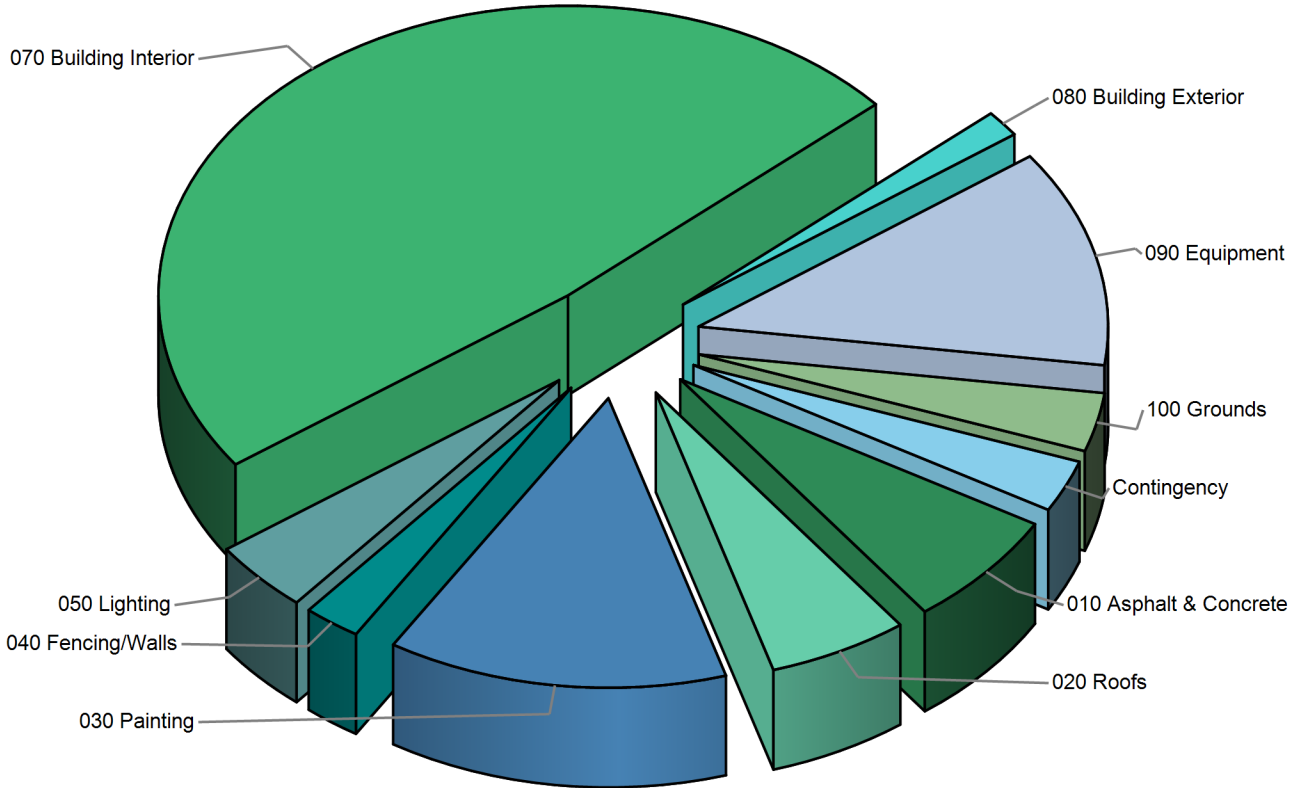
 010 Asphalt & Concrete (NaN)	 070 Building Interior (NaN)
 020 Roofs (NaN)	 080 Building Exterior (NaN)
 030 Painting (NaN)	 090 Equipment (NaN)
 040 Fencing/Walls (NaN)	 100 Grounds (NaN)
 050 Lighting (NaN)	 Contingency (NaN)

Laguna Hills Community Center

Management / Accounting Charts

Directed Cash Flow Method; Sorted by Category

Monthly Member Contribution



010 Asphalt & Concrete (6%)	070 Building Interior (48%)
020 Roofs (6%)	080 Building Exterior (1%)
030 Painting (13%)	090 Equipment (12%)
040 Fencing/Walls (2%)	100 Grounds (3%)
050 Lighting (4%)	Contingency (3%)

Laguna Hills Community Center

Annual Expenditures Sorted by Alphabetical

2023-24 Fiscal Year

Roofs - Built Up, Coating, 2024	\$107,270.00
Roofs - Skylights	\$40,000.00
Sub Total	\$147,270.00

2024-25 Fiscal Year

Building Interior - Floor, Carpet	\$116,712.39
Building Interior - Kitchen Equipment	\$82,400.00
Building Interior - Room Partitions	\$100,940.00
Painting - Exterior	\$91,850.25
Streets - Asphalt, Repair/Seal & Stripe	\$21,980.20
Sub Total	\$413,882.84

2025-26 Fiscal Year

Equipment - HVAC, Boilers	\$26,522.50
Painting - Interior	\$163,382.84
Sub Total	\$189,905.34

2027-28 Fiscal Year

Building Interior - Drinking Fountains, Original	\$27,012.21
Building Interior - Floor, Vinyl Tile	\$53,210.68
Building Interior - Wall, Wallpaper	\$51,903.96
Building Interior - Window Blinds	\$91,622.04
Equipment - Audio/Video	\$89,027.75
Equipment - Back Up, Power Supply	\$67,530.53
Equipment - Fire Control Panels	\$41,081.07
Equipment - HVAC, Ventilation Fans	\$49,522.39
Lighting - Exterior, Grounds, Original	\$141,814.11
Roofs - Glass	\$42,206.58
Sub Total	\$654,931.33

2028-29 Fiscal Year

Equipment - Elevator, Cab Refurbishing	\$17,389.11
Streets - Asphalt, Major Rehab	\$98,955.64
Sub Total	\$116,344.75

2029-30 Fiscal Year

Streets - Asphalt, Repair/Seal & Stripe	\$25,481.08
Sub Total	\$25,481.08

2030-31 Fiscal Year

Equipment - Surveillance System	\$49,194.95
Roofs - Built Up, Coating, 2020	\$158,875.11

Laguna Hills Community Center

Annual Expenditures Sorted by Alphabetical

Sub Total	\$208,070.06
<u>2032-33 Fiscal Year</u>	
Building Exterior - Doors	\$213,330.42
Building Interior - Cabinets/Counters	\$326,062.82
Building Interior - Ceiling Panels	\$66,870.28
Building Interior - Floor, Ceramic Tile	\$445,441.08
Building Interior - Floor, Wood	\$888,436.24
Building Interior - Gym, Basketball Backboards	\$97,857.99
Building Interior - Restroom Remodel, Floor 1	\$670,275.03
Building Interior - Restroom Remodel, Floor 2	\$116,725.01
Building Interior - Wall, Ceramic Tile	\$309,557.70
Equipment - Elevator, Modernization	\$326,193.30
Equipment - HVAC, Heaters	\$67,848.21
Grounds - Fountain, Refurbish	\$326,193.30
Grounds - Park Furnishings	\$151,484.17
Sub Total	\$4,006,275.53
<u>2033-34 Fiscal Year</u>	
Roofs - Built Up, Coating, 2024	\$144,161.91
Sub Total	\$144,161.91
<u>2034-35 Fiscal Year</u>	
Building Interior - Floor, Carpet	\$156,851.69
Painting - Exterior	\$123,439.06
Streets - Asphalt, Repair/Seal & Stripe	\$29,539.55
Sub Total	\$309,830.30
<u>2035-36 Fiscal Year</u>	
Painting - Interior	\$219,572.88
Sub Total	\$219,572.88
<u>2036-37 Fiscal Year</u>	
Equipment - HVAC, Package Units	\$775,385.80
Sub Total	\$775,385.80
<u>2037-38 Fiscal Year</u>	
Building Interior - Gym, Bleachers	\$196,636.66
Fencing - Metal	\$241,212.68
Walls - Masonry	\$354,278.77
Sub Total	\$792,128.11

Laguna Hills Community Center

Annual Expenditures Sorted by Alphabetical

2039-40 Fiscal Year

Streets - Asphalt, Repair/Seal & Stripe	\$34,244.44
Sub Total	\$34,244.44

2040-41 Fiscal Year

Equipment - Surveillance System	\$66,113.91
Lighting - Exterior, Grounds, Newer	\$33,883.38
Roofs - Built Up, Coating, 2020	\$213,514.86
Sub Total	\$313,512.14

2041-42 Fiscal Year

Equipment - HVAC, Boilers	\$42,560.83
Lighting - Exterior, Building	\$50,434.58
Sub Total	\$92,995.41

2042-43 Fiscal Year

Concrete - Replacement	\$1,397,049.84
Sub Total	\$1,397,049.84

2043-44 Fiscal Year

Equipment - Elevator, Cab Refurbishing	\$27,091.67
Roofs - Built Up, Coating, 2024	\$193,741.55
Roofs - Built Up, Replacement	\$427,055.00
Roofs - Skylights	\$72,244.45
Roofs - Tile	\$591,393.06
Sub Total	\$1,311,525.73

2044-45 Fiscal Year

Building Interior - Floor, Carpet	\$210,795.56
Building Interior - Kitchen Equipment	\$148,823.57
Painting - Exterior	\$165,891.77
Streets - Asphalt, Repair/Seal & Stripe	\$39,698.69
Sub Total	\$565,209.58

2045-46 Fiscal Year

Painting - Interior	\$295,087.59
Sub Total	\$295,087.59

2046-47 Fiscal Year

Building Interior - Room Partitions	\$193,411.48
Lighting - Interior	\$695,097.17

Laguna Hills Community Center

Annual Expenditures Sorted by Alphabetical

Sub Total	\$888,508.65
<u>2047-48 Fiscal Year</u>	
Building Interior - Drinking Fountains, 2022	\$24,393.53
Equipment - HVAC, Ventilation Fans	\$89,442.94
Sub Total	\$113,836.47
<u>2049-50 Fiscal Year</u>	
Streets - Asphalt, Repair/Seal & Stripe	\$46,021.66
Sub Total	\$46,021.66
<u>2050-51 Fiscal Year</u>	
Equipment - Surveillance System	\$88,851.56
Roofs - Built Up, Coating, 2020	\$286,946.11
Sub Total	\$375,797.67
<u>2052-53 Fiscal Year</u>	
Building Interior - Drinking Fountains, Original	\$56,557.57
Building Interior - Floor, Vinyl Tile	\$111,411.35
Building Interior - Wall, Wallpaper	\$108,675.37
Building Interior - Window Blinds	\$191,836.22
Equipment - Audio/Video	\$186,404.33
Equipment - Back Up, Power Supply	\$141,393.93
Equipment - Fire Control Panels	\$86,014.64
Equipment - HVAC, Package Units	\$1,244,266.59
Lighting - Exterior, Grounds, Original	\$296,927.25
Roofs - Glass	\$88,371.21
Streets - Asphalt, Major Rehab	\$201,156.43
Sub Total	\$2,713,014.89

Laguna Hills Community Center

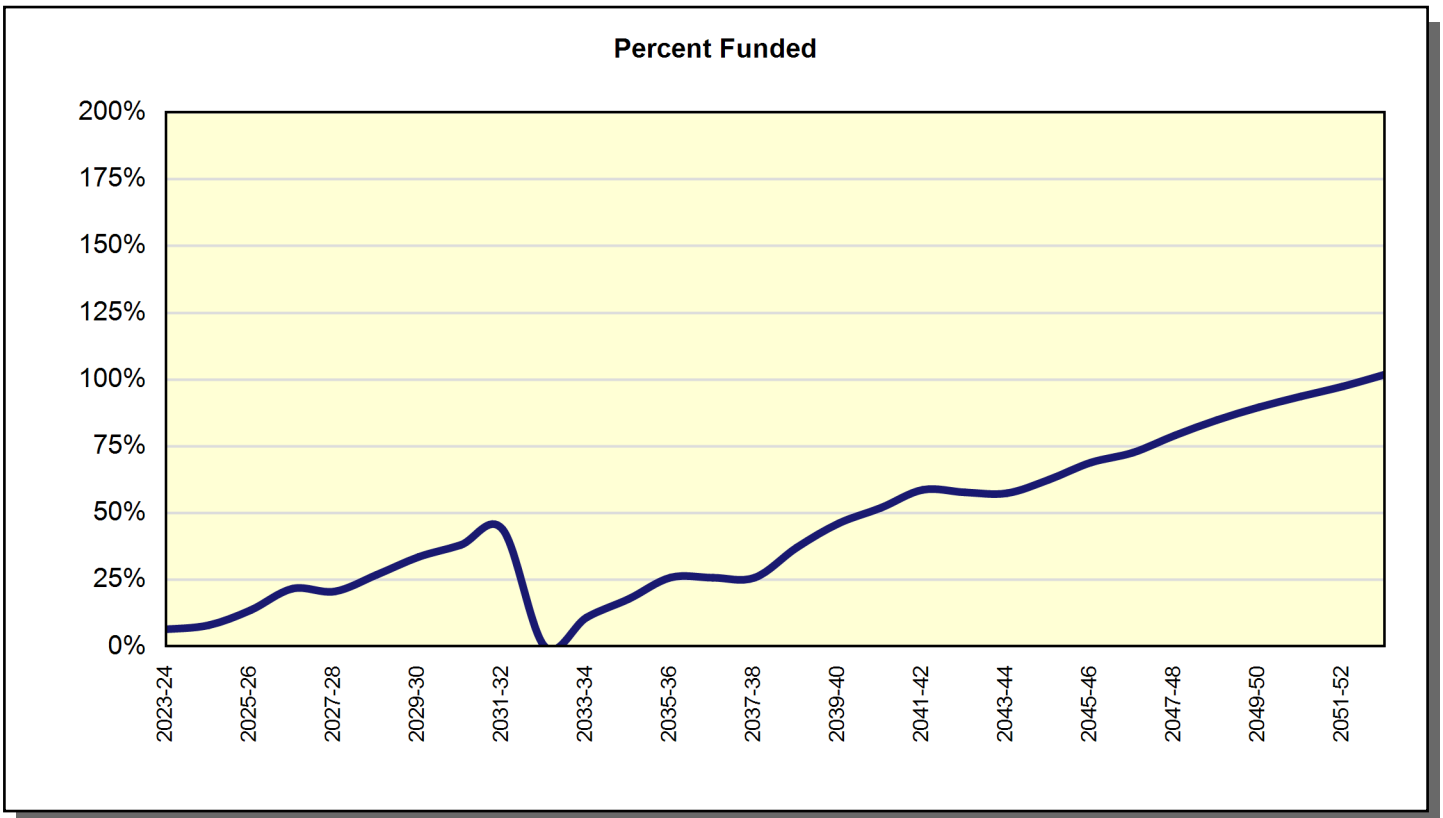
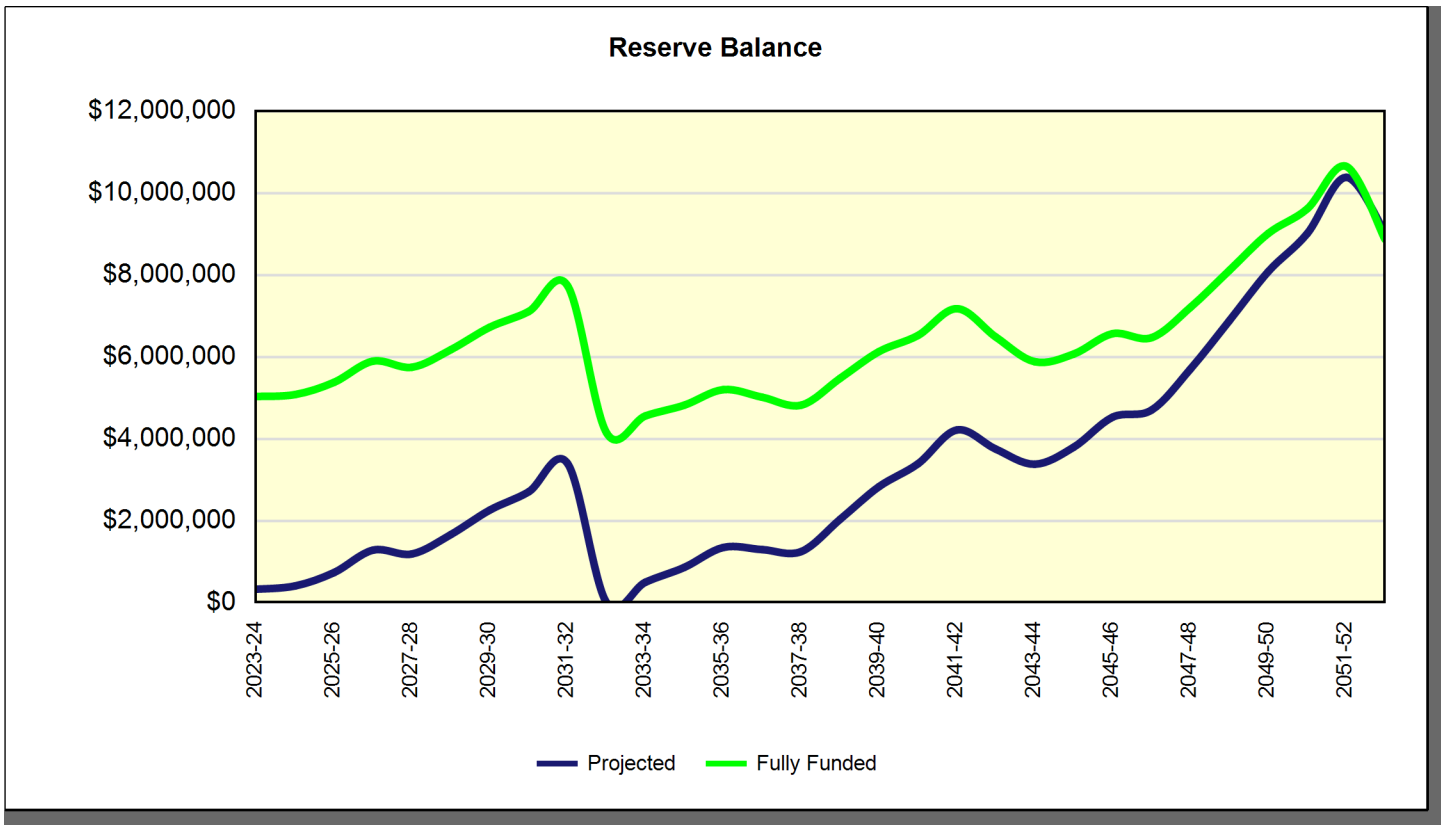
Projections

Directed Cash Flow Method

Fiscal Year	Beginning Balance	Member Contribution	Interest Contribution	Expenses	Ending Balance	Fully Funded Balance	Percent Funded
2023-24	\$0	\$474,500	\$2,100	\$147,270	\$329,330	\$5,036,231	7%
2024-25	\$329,330	\$488,735	\$4,205	\$413,883	\$408,387	\$5,084,022	8%
2025-26	\$408,387	\$503,397	\$13,625	\$189,905	\$735,503	\$5,381,473	14%
2026-27	\$735,503	\$518,499	\$29,560	\$0	\$1,283,562	\$5,899,709	22%
2027-28	\$1,283,562	\$534,054	\$26,525	\$654,931	\$1,189,210	\$5,749,906	21%
2028-29	\$1,189,210	\$550,076	\$40,259	\$116,345	\$1,663,200	\$6,178,893	27%
2029-30	\$1,663,200	\$566,578	\$57,669	\$25,481	\$2,261,965	\$6,728,543	34%
2030-31	\$2,261,965	\$583,575	\$70,563	\$208,070	\$2,708,033	\$7,112,715	38%
2031-32	\$2,708,033	\$601,082	\$90,702	\$0	\$3,399,817	\$7,741,244	44%
2032-33	\$3,399,817	\$619,115	\$0	\$4,006,276	\$2,795	\$4,150,827	0%
2033-34	\$2,795	\$637,688	\$4,542	\$144,162	\$500,863	\$4,562,841	11%
2034-35	\$500,863	\$656,819	\$14,917	\$309,830	\$862,769	\$4,824,671	18%
2035-36	\$862,769	\$676,524	\$28,944	\$219,573	\$1,348,663	\$5,203,719	26%
2036-37	\$1,348,663	\$696,819	\$27,098	\$775,386	\$1,297,195	\$5,018,494	26%
2037-38	\$1,297,195	\$717,724	\$25,313	\$792,128	\$1,248,104	\$4,824,389	26%
2038-39	\$1,248,104	\$739,256	\$48,212	\$0	\$2,035,572	\$5,479,700	37%
2039-40	\$2,035,572	\$761,433	\$71,430	\$34,244	\$2,834,190	\$6,133,659	46%
2040-41	\$2,834,190	\$784,276	\$87,543	\$313,512	\$3,392,497	\$6,526,738	52%
2041-42	\$3,392,497	\$807,804	\$111,558	\$92,995	\$4,218,864	\$7,181,805	59%
2042-43	\$4,218,864	\$832,039	\$97,365	\$1,397,050	\$3,751,218	\$6,489,792	58%
2043-44	\$3,751,218	\$857,000	\$86,088	\$1,311,526	\$3,382,780	\$5,885,649	57%
2044-45	\$3,382,780	\$882,710	\$97,938	\$565,210	\$3,798,218	\$6,072,925	63%
2045-46	\$3,798,218	\$909,191	\$119,157	\$295,088	\$4,531,479	\$6,570,702	69%
2046-47	\$4,531,479	\$936,467	\$123,789	\$888,509	\$4,703,226	\$6,472,712	73%
2047-48	\$4,703,226	\$964,561	\$152,965	\$113,836	\$5,706,915	\$7,213,056	79%
2048-49	\$5,706,915	\$993,498	\$187,356	\$0	\$6,887,769	\$8,116,388	85%
2049-50	\$6,887,769	\$1,023,303	\$222,287	\$46,022	\$8,087,336	\$9,018,604	90%
2050-51	\$8,087,336	\$1,054,002	\$249,168	\$375,798	\$9,014,708	\$9,619,254	94%
2051-52	\$9,014,708	\$1,085,622	\$289,243	\$0	\$10,389,573	\$10,658,470	97%
2052-53	\$10,389,573	\$1,118,190	\$248,994	\$2,713,015	\$9,043,742	\$8,873,144	102%

Laguna Hills Community Center

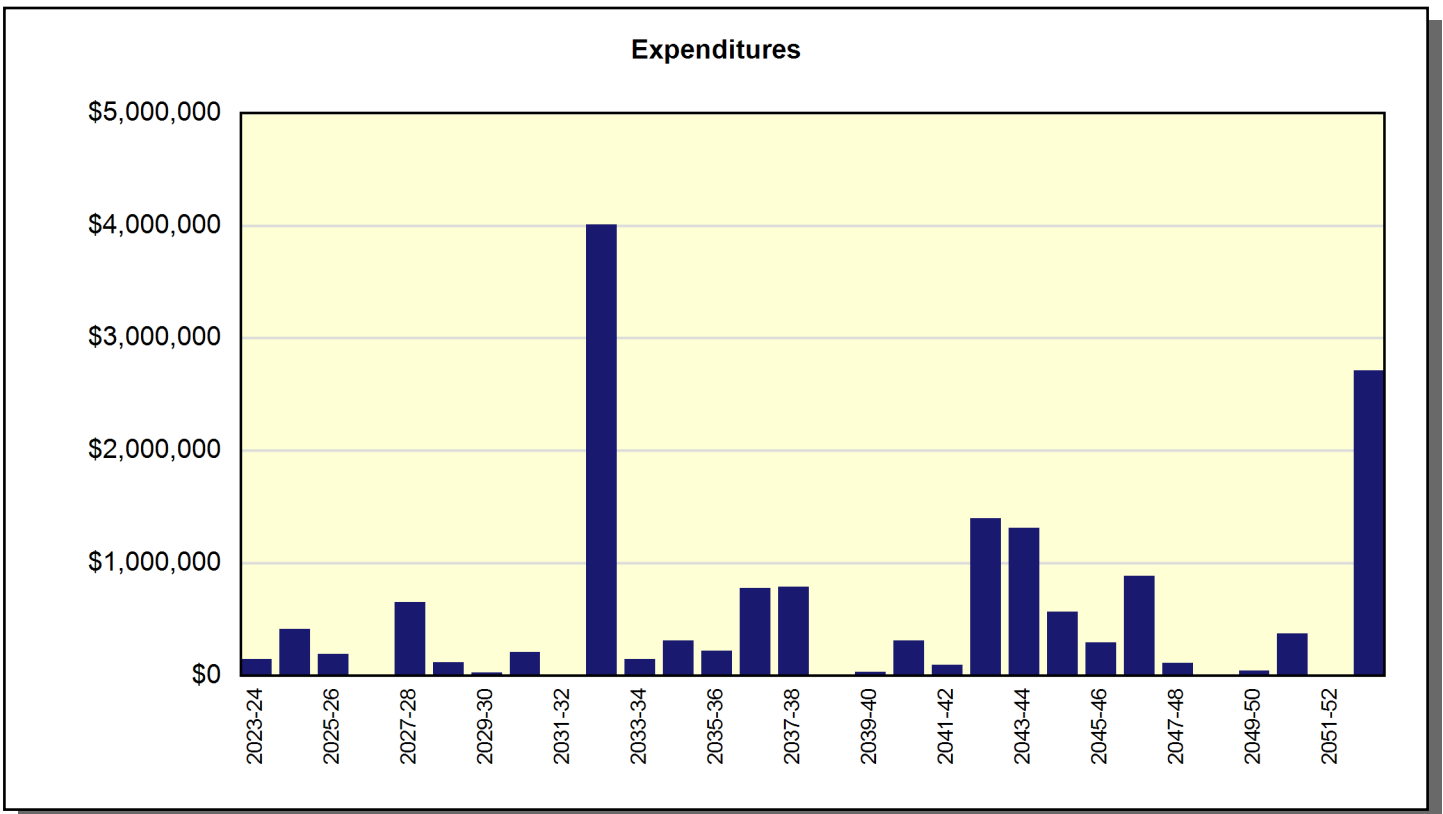
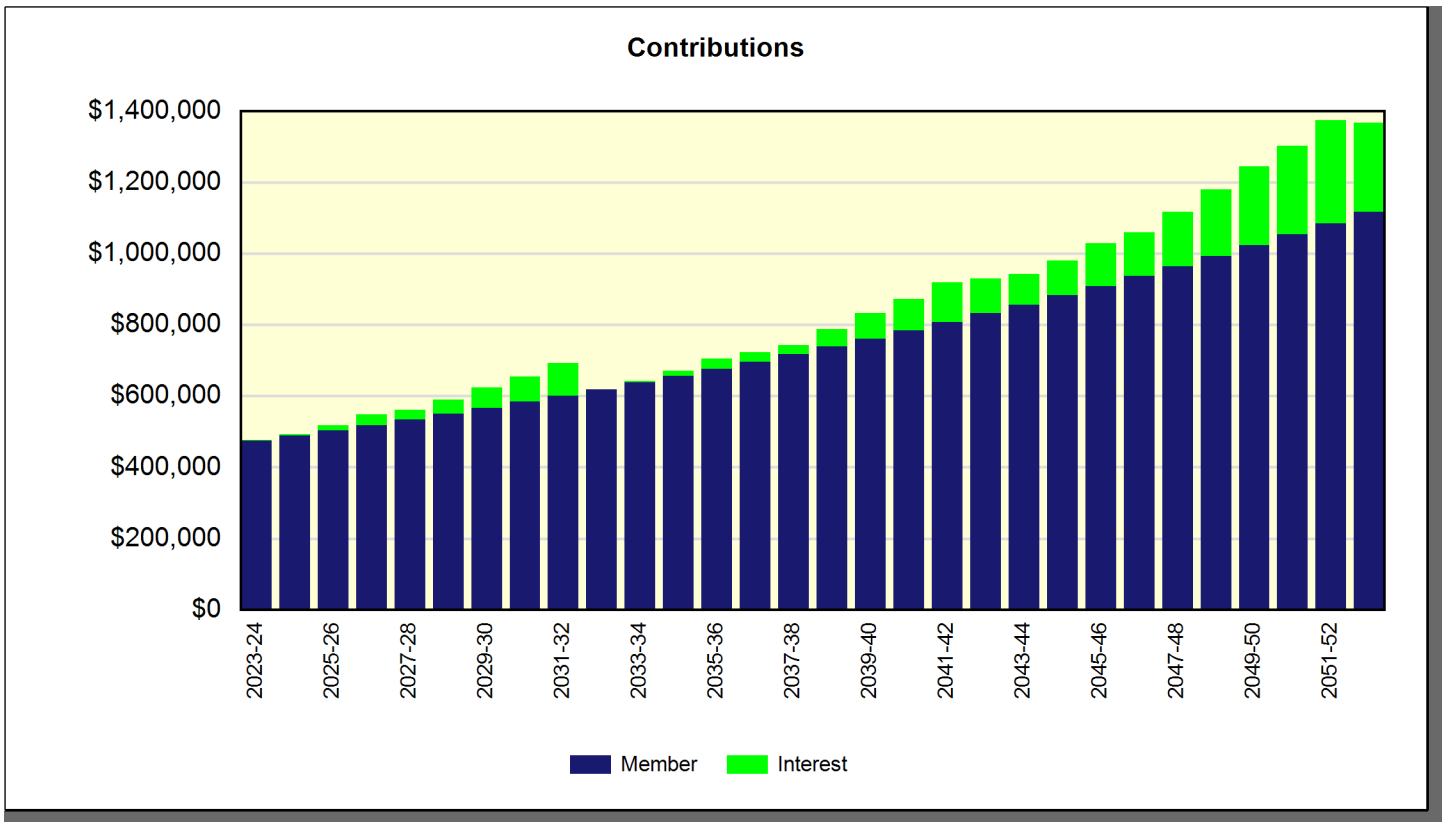
Projection Charts Directed Cash Flow Method



Laguna Hills Community Center

Projection Charts

Directed Cash Flow Method



Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Concrete - Mastic, Unfunded

Category	010 Asphalt & Concrete	Quantity	1 comment
		Unit Cost	\$0.00
		% of Replacement	0.00%
		Current Cost	\$0.00
Placed In Service	01/2002	Future Cost	\$0.00
Useful Life	n.a.		
		Assigned Reserves at FYB	\$0.00
Remaining Life	n.a.	Monthly Member Contribution	\$0.00
Replacement Year	n.a.	Monthly Interest Contribution	\$0.00
		Total Monthly Contribution	\$0.00

Mastic material (deck caulking) prevents moisture from seeping through the expansion joints in the concrete deck, which otherwise could result in cracking these surfaces. The mastic material should be carefully monitored for deterioration and replaced as soon as water tight integrity is lost.

We have excluded budgeting for this component as we anticipate it will be replaced on an as-needed basis and the cost would fall below the \$20,000 threshold the City has established.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Concrete - Replacement			
Category	010 Asphalt & Concrete	Quantity	30,643 sq. ft.
		Unit Cost	\$26.00
		% of Replacement	100.00%
		Current Cost	\$796,718.00
Placed In Service	07/2002	Future Cost	\$1,397,049.84
Useful Life	40		
		Assigned Reserves at FYB	\$0.00
Remaining Life	19	Monthly Member Contribution	\$1,336.08
Replacement Year	2042-43	Monthly Interest Contribution	\$5.91
		Total Monthly Contribution	\$1,341.99

The inventory for this component represents the decorative, colored concrete at the walkways and courtyards surrounding the community center. We have budgeted for complete replacement of this concrete on a 40-year cycle. Minor repairs, as needed, should be addressed immediately as a maintenance issue due to safety concerns. The overall condition of the concrete should be monitored through time and the estimates adjusted accordingly.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Streets - Asphalt, Major Rehab

Category	010 Asphalt & Concrete	Quantity	21,340 sq. ft.
		Unit Cost	\$4.00
		% of Replacement	100.00%
		Current Cost	\$85,360.00
Placed In Service	07/2002	Future Cost	\$98,955.63
Useful Life	24		
Adjustment	+2	Assigned Reserves at FYB	\$0.00
Remaining Life	5	Monthly Member Contribution	\$545.50
Replacement Year	2028-29	Monthly Interest Contribution	\$2.41
		Total Monthly Contribution	\$547.91

Most asphalt areas can be expected to last approximately 20 years before it will become necessary for an overlay to be applied. This can double the life of the surface upon application. It will be necessary to adjust manhole and valve covers at the time the overlay is applied. Deflection testing should be conducted by an independent consultant near the end of the estimated useful life to determine the condition of the asphalt and estimated remaining life before the overlay is required.

In addition to this service, a consultant may be obtained to prepare the application specifications, and to work with the contractor during actual installation. It is recommended that the client obtain bids for such a consultation near the end of the estimated useful life. As costs vary, a provision for this consulting has not been included in this cost estimate. Should the client request, this cost can be incorporated into this analysis.

The remaining life of the asphalt overlay has been adjusted to align with the future replacement cycles of the asphalt repairs and seal coating.

Laguna Hills Community Center
Component Detail
Directed Cash Flow Calculation Method; Sorted By Category

Streets - Asphalt, Repair/Seal & Stripe

Category	010 Asphalt & Concrete	Quantity	21,340 sq. ft.
		Unit Cost	\$1.00
		% of Replacement	100.00%
		Current Cost	\$21,340.00
Placed In Service	07/2009	Future Cost	\$21,980.20
Useful Life	5		
Adjustment	+10	Assigned Reserves at FYB	\$0.00
Remaining Life	1	Monthly Member Contribution	\$682.43
Replacement Year	2024-25	Monthly Interest Contribution	\$3.02
		Total Monthly Contribution	\$685.45

The remaining life of this component has been extended at the request of the client.

Asphalt surfaces should be seal coated within 3 years of their initial installation. Thereafter, a 3 to 5 year cycle should be observed and adjusted according to the client's particular needs.

We have budgeted for the asphalt to be repaired on the same cycle and in conjunction with the seal coating of the asphalt.

The unit cost includes any restriping that may be necessary.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Roofs - Built Up, Coating, 2020

Category	020 Roofs	Quantity	12,918 sq. ft.
		Unit Cost	\$10.00
		% of Replacement	100.00%
		Current Cost	\$129,180.00
Placed In Service	07/2020	Future Cost	\$158,875.11
Useful Life	10		
		Assigned Reserves at FYB	\$0.00
Remaining Life	7	Monthly Member Contribution	\$589.43
Replacement Year	2030-31	Monthly Interest Contribution	\$2.61
		Total Monthly Contribution	\$592.04

The flat roofing over a portion of the community center will be coated with 2 coats of elastomeric coating in 2024.

In order to ensure a high quality installation, the client may wish to obtain the services of an independent roofing consultant to work with the client and the roofing contractor providing installation. Consultants are available for the preparation of installation specifications and, if desired, to work with the contractor during the installation process. Fees for these services vary based on the size of the project and detail required by the client, and have not been included in the cost used for this component. Should the client desire, a provision for a consultant can be incorporated into this analysis.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Roofs - Built Up, Coating, 2024

Category	020 Roofs	Quantity	10,727 sq. ft.
		Unit Cost	\$10.00
		% of Replacement	100.00%
		Current Cost	\$107,270.00
Placed In Service	07/2002	Future Cost	\$144,161.91
Useful Life	10		
		Assigned Reserves at FYB	\$0.00
Remaining Life	0	Monthly Member Contribution	\$342.41
Replacement Year	2023-24	Monthly Interest Contribution	\$1.52
		Total Monthly Contribution	\$343.93

The flat roofing over a portion of the community center will be coated with 2 coats of elastomeric coating in 2024.

In order to ensure a high quality installation, the client may wish to obtain the services of an independent roofing consultant to work with the client and the roofing contractor providing installation. Consultants are available for the preparation of installation specifications and, if desired, to work with the contractor during the installation process. Fees for these services vary based on the size of the project and detail required by the client, and have not been included in the cost used for this component. Should the client desire, a provision for a consultant can be incorporated into this analysis.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Roofs - Built Up, Replacement

Category	020 Roofs	Quantity	23,645 sq. ft.
		Unit Cost	\$10.00
		% of Replacement	100.00%
		Current Cost	\$236,450.00
Placed In Service	07/2002	Future Cost	\$427,055.00
Useful Life	40		
Adjustment	+1	Assigned Reserves at FYB	\$0.00
Remaining Life	20	Monthly Member Contribution	\$376.62
Replacement Year	2043-44	Monthly Interest Contribution	\$1.67
		Total Monthly Contribution	\$378.29

The roofing specifications are unknown; therefore, the cost used for this built-up roof is based on replacing it with a 3 ply roof membrane. The useful life used is based on the assumption that the roof will be inspected annually and maintained as needed.

In order to ensure a high quality installation, the client may wish to obtain the services of an independent roofing consultant to work with the client and the roofing contractor providing installation. Consultants are available for the preparation of installation specifications and, if desired, to work with the contractor during the installation process. Fees for these services vary based on the size of the project and detail required by the client, and have not been included in the cost used for this component. Should the client desire, a provision for a consultant can be incorporated into this analysis.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Roofs - Glass

Category	020 Roofs	Quantity	1 total
		Unit Cost	\$37,500.00
		% of Replacement	100.00%
		Current Cost	\$37,500.00
Placed In Service	07/2002	Future Cost	\$42,206.58
Useful Life	25		
		Assigned Reserves at FYB	\$0.00
Remaining Life	4	Monthly Member Contribution	\$299.62
Replacement Year	2027-28	Monthly Interest Contribution	\$1.33
		Total Monthly Contribution	\$300.95

This metal framed glass pitched roof cover measures approximately 375 sq. ft. and is located above the hallway near the gym entrance.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Roofs - Skylights			
Category	020 Roofs	Quantity	1 total
		Unit Cost	\$40,000.00
		% of Replacement	100.00%
		Current Cost	\$40,000.00
Placed In Service	07/2002	Future Cost	\$72,244.45
Useful Life	20		
		Assigned Reserves at FYB	\$0.00
Remaining Life	0	Monthly Member Contribution	\$63.71
Replacement Year	2023-24	Monthly Interest Contribution	\$0.28
		Total Monthly Contribution	\$63.99

These are plexiglass skylights:

8 skylights, 7' x 7'	@	\$5,000.00	=	<u>\$40,000.00</u>
		TOTAL	=	\$40,000.00

Laguna Hills Community Center
Component Detail
Directed Cash Flow Calculation Method; Sorted By Category

Roofs - Tile			
Category	020 Roofs	Quantity	20,465 sq. ft.
		Unit Cost	\$16.00
		% of Replacement	100.00%
		Current Cost	\$327,440.00
Placed In Service	07/2002	Future Cost	\$591,393.06
Useful Life	40		
Adjustment	+1	Assigned Reserves at FYB	\$0.00
Remaining Life	20	Monthly Member Contribution	\$521.55
Replacement Year	2043-44	Monthly Interest Contribution	\$2.31
		Total Monthly Contribution	\$523.86

Tile roofs are designed to last the life of a community. However, the underlayment (waterproof membrane underneath the roof tiles) can be subject to deterioration and failure through time. The timing and rate of failure is difficult to predict and can vary significantly from one project to another depending largely on the quality of the original design and construction (materials and installation), exposure to outside influences (climate, foot traffic, etc.) and the level of routine maintenance.

For the purposes of this analysis, we have budgeted for the replacement of the tile underlayment to include removing the existing tiles, replacing the underlayment material and reinstalling the existing tiles with a provision for breakage.

In order to ensure a high quality installation, the client may wish to obtain the services of an independent roofing consultant to work with the client and the roofing contractor providing installation. Consultants are available for the preparation of installation specifications and, if desired, to work with the contractor during the installation process. Fees for these services vary based on the size of the project and detail required by the client, and have not been included in the cost used for this component. Should the client desire, a provision for a consultant can be incorporated into this analysis.

Due to the nature and size of the expense, funding for the gutters and downspouts has been excluded. It is anticipated that any expenditures can be effectively budgeted for on an as-needed basis by the client's operating and/or reserve contingency funds. This component is listed for inventory purposes only.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Painting - Exterior

Category	030 Painting	Quantity	35,670 sq. ft.
		Unit Cost	\$2.50
		% of Replacement	100.00%
		Current Cost	\$89,175.00
Placed In Service	07/2002	Future Cost	\$91,850.25
Useful Life	10		
Adjustment	+12	Assigned Reserves at FYB	\$0.00
Remaining Life	1	Monthly Member Contribution	\$2,851.70
Replacement Year	2024-25	Monthly Interest Contribution	\$12.62
		Total Monthly Contribution	\$2,864.32

The remaining life of this component has been extended due to the current financial condition of the client.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Painting - Interior

Category	030 Painting	Quantity	77,002 sq. ft.
		Unit Cost	\$2.00
		% of Replacement	100.00%
		Current Cost	\$154,004.00
		Future Cost	\$163,382.84
Placed In Service	07/2015		
Useful Life	10		
		Assigned Reserves at FYB	\$0.00
Remaining Life	2	Monthly Member Contribution	\$2,461.93
Replacement Year	2025-26	Monthly Interest Contribution	\$10.89
		Total Monthly Contribution	\$2,472.82
	Gym and dance studio	27,872 sq. ft.	
	Main floor lobby/hallway	13,681	
	Heritage Room(s)	9,240	
	2nd floor hallways	8,644	
	2nd floor classrooms	5,978	
	2nd floor offices	5,975	
	Restrooms	4,910	
	Kitchen	702	
		77,002 sq. ft.	

Painting costs can vary tremendously depending on quality of materials, preparation, detail work and local labor costs.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Fencing - Metal

Category	040 Fencing/Walls	Quantity	1 total
		Unit Cost	\$159,470.00
		% of Replacement	100.00%
		Current Cost	\$159,470.00
		Future Cost	\$241,212.68
Placed In Service	07/2002		
Useful Life	35		
		Assigned Reserves at FYB	\$0.00
Remaining Life	14	Monthly Member Contribution	\$363.31
Replacement Year	2037-38	Monthly Interest Contribution	\$1.61
		Total Monthly Contribution	\$364.91

252 lin. ft. of 4-5' decorative wrought iron	@	\$150.00	=	\$37,800.00
760 lin. ft. of aluminum handrail	@	\$110.00	=	\$83,600.00
282 lin. ft. of 3.5' aluminum railing	@	\$135.00	=	\$38,070.00
		TOTAL	=	\$159,470.00

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Walls - Masonry

Category	040 Fencing/Walls	Quantity	16,730 sq. ft.
		Unit Cost	\$28.00
		% of Replacement	50.00%
		Current Cost	\$234,220.00
Placed In Service	07/2002	Future Cost	\$354,278.77
Useful Life	35		
		Assigned Reserves at FYB	\$0.00
Remaining Life	14	Monthly Member Contribution	\$533.60
Replacement Year	2037-38	Monthly Interest Contribution	\$2.36
		Total Monthly Contribution	\$535.96

These are stone and precast concrete covered walls.

It is estimated that a percentage of the stone and precast concrete walls will require repair or replacement through time. The actual condition of these walls should be monitored and the percentage of replacement and remaining life estimates adjusted accordingly.

Laguna Hills Community Center
Component Detail
Directed Cash Flow Calculation Method; Sorted By Category

Lighting - Exterior, Building

Category	050 Lighting	Quantity	1 total
		Unit Cost	\$29,625.00
		% of Replacement	100.00%
		Current Cost	\$29,625.00
		Future Cost	\$50,434.58
Placed In Service	07/2021		
Useful Life	20		
		Assigned Reserves at FYB	\$0.00
Remaining Life	18	Monthly Member Contribution	\$52.45
Replacement Year	2041-42	Monthly Interest Contribution	\$0.23
		Total Monthly Contribution	\$52.68

31 recessed spots	@	\$250.00	=	\$7,750.00
23 recessed step lights	@	\$575.00	=	\$13,225.00
6 large vapor floods	@	\$975.00	=	\$5,850.00
4 LED column lights	@	\$700.00	=	\$2,800.00
		TOTAL	=	<u>\$29,625.00</u>

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Lighting - Exterior, Grounds, Newer

Category	050 Lighting	Quantity	1 total
		Unit Cost	\$20,500.00
		% of Replacement	100.00%
		Current Cost	\$20,500.00
		Future Cost	\$33,883.38
Placed In Service	07/2020		
Useful Life	20		
		Assigned Reserves at FYB	\$0.00
Remaining Life	17	Monthly Member Contribution	\$38.44
Replacement Year	2040-41	Monthly Interest Contribution	\$0.17
		Total Monthly Contribution	\$38.61

1 - 20' pole w/single LED lantern	@	\$4,500.00	=	\$4,500.00
1 - 20' pole w/four LED lanterns	@	\$16,000.00	=	\$16,000.00
		TOTAL	=	\$20,500.00

The actual date this component was placed into service is not available. For budgeting purposes, this date has been estimated based on its condition at our most recent site visit.

We have excluded budgeting for the landscape flood lighting throughout the grounds as we anticipate these fixtures will be replaced on an as-needed basis.

Laguna Hills Community Center
Component Detail
Directed Cash Flow Calculation Method; Sorted By Category

Lighting - Exterior, Grounds, Original

Category	050 Lighting	Quantity	1 total
		Unit Cost	\$126,000.00
		% of Replacement	100.00%
		Current Cost	\$126,000.00
Placed In Service	07/2002	Future Cost	\$141,814.11
Useful Life	25		
		Assigned Reserves at FYB	\$0.00
Remaining Life	4	Monthly Member Contribution	\$1,006.72
Replacement Year	2027-28	Monthly Interest Contribution	\$4.45
		Total Monthly Contribution	\$1,011.18

21 - concrete bollard fixtures	@	\$3,000.00	=	\$63,000.00
12 - 16' poles w/decorative vapor lanterns	@	\$5,250.00	=	\$63,000.00
		TOTAL	=	\$126,000.00

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Lighting - Interior

Category	050 Lighting	Quantity	1 total
		Unit Cost	\$352,200.00
		% of Replacement	100.00%
		Current Cost	\$352,200.00
		Future Cost	\$695,097.17
Placed In Service	07/2021		
Useful Life	25		
		Assigned Reserves at FYB	\$0.00
Remaining Life	23	Monthly Member Contribution	\$487.52
Replacement Year	2046-47	Monthly Interest Contribution	\$2.16
		Total Monthly Contribution	\$489.68

The interior lighting was upgraded/converted to LED in approximately 2021.

1ST FLOOR:

204 recessed spots	@	\$200.00	=	\$40,800.00
136 fluorescent fixtures w/diffusers	@	\$450.00	=	\$61,200.00
16 large wall sconces	@	\$575.00	=	\$9,200.00
31 single sided EXIT signs	@	\$300.00	=	\$9,300.00
40 large ceiling vapor fixtures, gym	@	\$1,600.00	=	\$64,000.00
12 large iron/glass chandelier	@	\$8,500.00	=	\$102,000.00
11 stage lights w/control panels	@	\$2,500.00	=	\$27,500.00

2ND FLOOR:

98 recessed spots	@	\$200.00	=	\$19,600.00
14 single sided EXIT signs	@	\$300.00	=	\$4,200.00
32 fluorescent fixtures w/diffusers	@	\$450.00	=	\$14,400.00
		TOTAL	=	\$352,200.00

Laguna Hills Community Center
Component Detail
Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Cabinets/Counters

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$249,900.00
		% of Replacement	100.00%
		Current Cost	\$249,900.00
		Future Cost	\$326,062.82
Placed In Service	07/2002		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$886.51
Replacement Year	2032-33	Monthly Interest Contribution	\$3.92
		Total Monthly Contribution	\$890.43

2nd FLOOR CLASSROOMS:

59 lin. ft. of laminated base cabinets	@	\$800.00	=	\$47,200.00
63 lin. ft. of laminated wall cabinets	@	\$750.00	=	\$47,250.00
59 lin. ft. of laminated counters	@	\$325.00	=	\$19,175.00

1st FLOOR LOBBY/HALL:

45 lin. ft. of laminated base cabinets	@	\$800.00	=	\$36,000.00
45 lin. ft. of granite counters	@	\$400.00	=	\$18,000.00

GYM/DANCE STUDIO:

25 lin. ft. of laminated base cabinets	@	\$800.00	=	\$20,000.00
12 lin. ft. of laminated wall cabinets	@	\$750.00	=	\$9,000.00
25 lin. ft. of laminated counters	@	\$325.00	=	\$8,125.00

HERITAGE ROOM(S):

22 lin. ft. of laminated base cabinets	@	\$800.00	=	\$17,600.00
22 lin. ft. of laminated wall cabinets	@	\$750.00	=	\$16,500.00
34 lin. ft. of laminated counters	@	\$325.00	=	\$11,050.00
		TOTAL	=	\$249,900.00

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Ceiling Panels

Category	070 Building Interior	Quantity	11,389 sq. ft.
		Unit Cost	\$4.50
		% of Replacement	100.00%
		Current Cost	\$51,250.50
		Future Cost	\$66,870.28
Placed In Service	07/2002		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$181.81
Replacement Year	2032-33	Monthly Interest Contribution	\$0.80
		Total Monthly Contribution	\$182.61

These are fiberboard ceiling panels:

2nd Floor Classrooms	1,125 sq. ft.
2nd Floor Hall	2,108
1st Floor Hall/Lobby	2,974
Dance Studio	1,591
Kitchen	891
Heritage Room(s)	2,700
	11,389 sq. ft.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Drinking Fountains, 2022

Category	070 Building Interior	Quantity	2 fountains
		Unit Cost	\$6,000.00
		% of Replacement	100.00%
		Current Cost	\$12,000.00
		Future Cost	\$24,393.53
Placed In Service	07/2022		
Useful Life	25		
		Assigned Reserves at FYB	\$0.00
Remaining Life	24	Monthly Member Contribution	\$15.92
Replacement Year	2047-48	Monthly Interest Contribution	\$0.07
		Total Monthly Contribution	\$15.99

These Halsey Taylor wall mounted stainless steel fountains with bottle fillers were replaced in 2022.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Drinking Fountains, Original

Category	070 Building Interior	Quantity	4 fountains
		Unit Cost	\$6,000.00
		% of Replacement	100.00%
		Current Cost	\$24,000.00
		Future Cost	\$27,012.21
Placed In Service	07/2002		
Useful Life	25		
		Assigned Reserves at FYB	\$0.00
Remaining Life	4	Monthly Member Contribution	\$191.76
Replacement Year	2027-28	Monthly Interest Contribution	\$0.85
		Total Monthly Contribution	\$192.60

These are wall mounted stainless steel fountains.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Floor, Carpet

Category	070 Building Interior	Quantity	1,059 sq. yds.
		Unit Cost	\$100.00
		% of Replacement	107.00%
		Current Cost	\$113,313.00
		Future Cost	\$116,712.39
Placed In Service	07/2014		
Useful Life	10		
		Assigned Reserves at FYB	\$0.00
Remaining Life	1	Monthly Member Contribution	\$3,623.61
Replacement Year	2024-25	Monthly Interest Contribution	\$16.03
		Total Monthly Contribution	\$3,639.64

1st floor common areas	51
Heritage room(s)	508 sq. yds.
2nd floor + meeting room	500
	1,059 sq. yds.

The actual date this component was placed into service is not available. For budgeting purposes, this date has been estimated based on its condition at our most recent site visit.

The measurement indicated represents the actual area to be replaced. The percentage of replacement has been increased above 100% to allow for a waste factor which should be considered when replacing this component.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Floor, Ceramic Tile

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$331,450.00
		% of Replacement	103.00%
		Current Cost	\$341,393.50
		Future Cost	\$445,441.08
Placed In Service	07/2002		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$1,211.08
Replacement Year	2032-33	Monthly Interest Contribution	\$5.36
		Total Monthly Contribution	\$1,216.44

1st FLOOR:

5,711 sq. ft. of floor tile, lobby	@	\$35.00	=	\$199,885.00
891 sq. ft. of floor tile, kitchen	@	\$35.00	=	\$31,185.00
1,290 sq. ft. of floor tile w/travertine accents	@	\$70.00	=	\$90,300.00

2nd FLOOR:

288 sq. ft. of floor tile	@	\$35.00	=	\$10,080.00
		TOTAL	=	\$331,450.00

The measurement indicated represents the actual area to be replaced. The percentage of replacement has been increased above 100% to allow for a waste factor which should be considered when replacing this component.

The cost for this component includes the removal and disposal of the existing material.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Floor, Vinyl Tile

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$45,900.00
		% of Replacement	103.00%
		Current Cost	\$47,277.00
		Future Cost	\$53,210.68
Placed In Service	07/2002		
Useful Life	25		
		Assigned Reserves at FYB	\$0.00
Remaining Life	4	Monthly Member Contribution	\$377.74
Replacement Year	2027-28	Monthly Interest Contribution	\$1.67
		Total Monthly Contribution	\$379.41

2nd FLOOR CLASSROOMS:

1,935 sq. ft. of floor tile @ \$20.00 = \$38,700.00

STAIRWELL:

360 sq. ft. of floor tile @ \$20.00 = \$7,200.00

TOTAL = \$45,900.00

The measurement indicated represents the actual area to be replaced. The percentage of replacement has been increased above 100% to allow for a waste factor which should be considered when replacing this component.

The cost for this component includes the removal and disposal of the existing material.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Floor, Wood

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$661,080.00
		% of Replacement	103.00%
		Current Cost	\$680,912.40
		Future Cost	\$888,436.24
Placed In Service	07/2002		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$2,415.51
Replacement Year	2032-33	Monthly Interest Contribution	\$10.69
		Total Monthly Contribution	\$2,426.20

1st FLOOR:

13,936 sq. ft. of wood floor, gym	@	\$40.00	=	\$557,440.00
1,591 sq. ft. of wood tile, dance studio	@	\$40.00	=	\$63,640.00
1,000 sq. ft. of wood floor, stage	@	\$40.00	=	\$40,000.00
		TOTAL	=	<u>\$661,080.00</u>

The measurement indicated represents the actual area to be replaced. The percentage of replacement has been increased above 100% to allow for a waste factor which should be considered when replacing this component.

The cost for this component includes the removal and disposal of the existing material.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Furniture, Unfunded

Category	070 Building Interior	Quantity	1 comment
		Unit Cost	\$0.00
		% of Replacement	0.00%
		Current Cost	\$0.00
Placed In Service	07/2002	Future Cost	\$0.00
Useful Life	n.a.		
		Assigned Reserves at FYB	\$0.00
Remaining Life	n.a.	Monthly Member Contribution	\$0.00
Replacement Year	n.a.	Monthly Interest Contribution	\$0.00
		Total Monthly Contribution	\$0.00

During our March 2008 site visit we observed office furniture, classroom type furniture and banquet furniture at the community center. We anticipate this furniture will be replaced on an as-needed basis and have therefore excluded budgeting for it in this analysis.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Gym, Basketball Backboards

Category	070 Building Interior	Quantity	6 backboards
		Unit Cost	\$12,500.00
		% of Replacement	100.00%
		Current Cost	\$75,000.00
		Future Cost	\$97,857.99
Placed In Service	07/2002		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$266.06
Replacement Year	2032-33	Monthly Interest Contribution	\$1.18
		Total Monthly Contribution	\$267.24

These are Porter regulation style electric basketball assemblies with glass backboards.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Gym, Bleachers

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$130,000.00
		% of Replacement	100.00%
		Current Cost	\$130,000.00
		Future Cost	\$196,636.66
Placed In Service	07/2002		
Useful Life	35		
		Assigned Reserves at FYB	\$0.00
Remaining Life	14	Monthly Member Contribution	\$296.17
Replacement Year	2037-38	Monthly Interest Contribution	\$1.31
		Total Monthly Contribution	\$297.48

These are wood telescoping bleachers:

2 - 36' x 11 rows	@	\$40,000.00	=	\$80,000.00
2 - 48' x 4 rows	@	\$25,000.00	=	\$50,000.00
		TOTAL	=	<u>\$130,000.00</u>

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Kitchen Equipment

Category	070 Building Interior	Quantity	1 provision
		Unit Cost	\$80,000.00
		% of Replacement	100.00%
		Current Cost	\$80,000.00
		Future Cost	\$82,400.00
Placed In Service	07/2002		
Useful Life	20		
Adjustment	+2	Assigned Reserves at FYB	\$0.00
Remaining Life	1	Monthly Member Contribution	\$2,558.30
Replacement Year	2024-25	Monthly Interest Contribution	\$11.32
		Total Monthly Contribution	\$2,569.62

During our October 2023 on site visit we observed the following commercial kitchen equipment:

63 lin. ft. of stainless steel tables/sinks
 1 - Wolf commercial 6-burner range/oven
 1 - 4' x 7' commercial range hood
 1 - Wolf commercial griddle
 1 - Champion commercial dishwasher
 1 - ISE commercial garbage disposer
 1 - Marley air door
 1 - Randell freezer
 1 - Beverage-Aire 3-door refrigerator
 1 - Ice-O-Matic large ice maker
 3 - Wells warming wells
 2 - Crescor warming racks
 1 - Randell refrigerated sandwich table
 1 - Savory commercial toaster

We anticipate this equipment will be replaced/added to through time and therefore have budgeted a general provision for this equipment over a 15-year period.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Restroom Remodel, Floor 1

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$513,710.00
		% of Replacement	100.00%
		Current Cost	\$513,710.00
		Future Cost	\$670,275.03
Placed In Service	07/2002		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$1,822.36
Replacement Year	2032-33	Monthly Interest Contribution	\$8.06
		Total Monthly Contribution	\$1,830.43

RESTROOM PARTITIONS:

21 solid plastic stall partitions	@	\$4,500.00	=	\$94,500.00
6 solid plastic urinal dividers	@	\$2,000.00	=	\$12,000.00

PLUMBING FIXTURES:

21 toilets, flush valve	@	\$2,000.00	=	\$42,000.00
7 urinals, wall mount unit	@	\$2,000.00	=	\$14,000.00
22 sinks, counter oval	@	\$1,600.00	=	\$35,200.00
4 solid plastic shower dividers	@	\$3,500.00	=	\$14,000.00

COUNTERS:

89 lin. ft. of solid surface counters	@	\$450.00	=	\$40,050.00
---------------------------------------	---	----------	---	-------------

WALL/FLOOR COVER:

3,540 sq. ft. of ceramic wall tile	@	\$40.00	=	\$141,600.00
2,256 sq. ft. of ceramic floor tile	@	\$35.00	=	\$78,960.00

CABINETS:

21 lin. ft. of laminated base cabinets	@	\$900.00	=	\$18,900.00
5 lin. ft. of laminated pantry cabinets	@	\$1,300.00	=	\$6,500.00

KITCHEN:

1 Small Restroom Remodel	@	\$16,000.00	=	\$16,000.00
		TOTAL	=	\$513,710.00

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Restroom Remodel, Floor 2

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$89,460.00
		% of Replacement	100.00%
		Current Cost	\$89,460.00
		Future Cost	\$116,725.01
Placed In Service	07/2002		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$317.36
Replacement Year	2032-33	Monthly Interest Contribution	\$1.40
		Total Monthly Contribution	\$318.76

PLUMBING FIXTURES:

3 toilets, flush valve	@	\$2,000.00	=	\$6,000.00
1 urinal, wall mount unit	@	\$2,000.00	=	\$2,000.00
4 sinks, counter oval	@	\$1,600.00	=	\$6,400.00

RESTROOM PARTITIONS:

3 solid plastic stall partitions	@	\$4,500.00	=	\$13,500.00
1 solid plastic urinal divider	@	\$2,000.00	=	\$2,000.00

COUNTERS:

12 lin. ft. of solid surface counters	@	\$450.00	=	\$5,400.00
---------------------------------------	---	----------	---	------------

WALL/FLOOR COVER:

660 sq. ft. of ceramic wall tile	@	\$40.00	=	\$26,400.00
336 sq. ft. of ceramic floor tile	@	\$35.00	=	\$11,760.00

CLASSROOMS::

1 Small Restroom Remodel	@	\$16,000.00	=	\$16,000.00
		TOTAL	=	\$89,460.00

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Room Partitions

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$98,000.00
		% of Replacement	100.00%
		Current Cost	\$98,000.00
		Future Cost	\$100,940.00
Placed In Service	07/2002		
Useful Life	22		
		Assigned Reserves at FYB	\$0.00
Remaining Life	1	Monthly Member Contribution	\$3,133.92
Replacement Year	2024-25	Monthly Interest Contribution	\$13.87
		Total Monthly Contribution	\$3,147.78

These are large room dividers located in the Heritage Room(s) and measures approximately 55' x 16'.

2 large vinyl partitions, ballroom*	@	\$38,000.00	=	\$76,000.00
1 vinyl partition, classroom	@	\$22,000.00	=	\$22,000.00
		TOTAL	=	\$98,000.00

* These are large room dividers located in the Heritage Room(s) and measures approximately 55' x 16'.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Wall, Ceramic Tile

Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$230,340.00
		% of Replacement	103.00%
		Current Cost	\$237,250.20
		Future Cost	\$309,557.70
Placed In Service	07/2002		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$841.64
Replacement Year	2032-33	Monthly Interest Contribution	\$3.72
		Total Monthly Contribution	\$845.36

1st FLOOR:

792 sq. ft. of wall tile, lobby	@	\$45.00	=	\$35,640.00
1,620 sq. ft. of wall tile, kitchen	@	\$45.00	=	\$72,900.00
2,220 sq. ft. of stone veneer	@	\$50.00	=	\$111,000.00
240 sq. ft. of wall tile, gym	@	\$45.00	=	\$10,800.00
		TOTAL	=	\$230,340.00

The measurement indicated represents the actual area to be replaced. The percentage of replacement has been increased above 100% to allow for a waste factor which should be considered when replacing this component.

The cost for this component includes the removal and disposal of the existing material.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Wall, Wallpaper

Category	070 Building Interior	Quantity	2,745 sq. ft.
		Unit Cost	\$16.00
		% of Replacement	105.00%
		Current Cost	\$46,116.00
		Future Cost	\$51,903.96
Placed In Service	07/2002		
Useful Life	25		
		Assigned Reserves at FYB	\$0.00
Remaining Life	4	Monthly Member Contribution	\$368.46
Replacement Year	2027-28	Monthly Interest Contribution	\$1.63
		Total Monthly Contribution	\$370.09
	2nd floor classrooms	1,125 sq. ft.	
	Heritage room(s)	1,620	
		2,745 sq. ft.	

The unit cost indicated represents the actual area to be replaced. The percentage of replacement has been increased above 100% to allow for a waste factor which should be considered when replacing this component.

The cost for this component includes the removal and disposal of the existing material.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Building Interior - Window Blinds

Category	070 Building Interior	Quantity	1,809 sq. ft.
		Unit Cost	\$45.00
		% of Replacement	100.00%
		Current Cost	\$81,405.00
		Future Cost	\$91,622.04
Placed In Service	07/2002		
Useful Life	25		
		Assigned Reserves at FYB	\$0.00
Remaining Life	4	Monthly Member Contribution	\$650.41
Replacement Year	2027-28	Monthly Interest Contribution	\$2.88
		Total Monthly Contribution	\$653.29

These are motorized roller type window shades:

2nd Floor Classrooms	460 sq. ft.
Dance Studio	530
Heritage Room(s)	819
	1,809 sq. ft.

Laguna Hills Community Center
Component Detail
Directed Cash Flow Calculation Method; Sorted By Category

Building Exterior - Doors

Category	080 Building Exterior	Quantity	1 total
		Unit Cost	\$163,500.00
		% of Replacement	100.00%
		Current Cost	\$163,500.00
		Future Cost	\$213,330.42
Placed In Service	07/2002		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$580.01
Replacement Year	2032-33	Monthly Interest Contribution	\$2.57
		Total Monthly Contribution	\$582.58

11 - 3' x 8' metal/glass doors	@	\$4,500.00	=	\$49,500.00
8 - 4' x 8' metal/glass doors	@	\$5,000.00	=	\$40,000.00
7 - 4' x 8' metal doors	@	\$4,000.00	=	\$28,000.00
4 - 3.5' x 8' metal/glass doors	@	\$4,750.00	=	\$19,000.00
4 - 3' x 8' metal doors	@	\$3,500.00	=	\$14,000.00
2 - 3.5' x 8' metal doors w/vents	@	\$4,000.00	=	\$8,000.00
1 - 6.5' x 9' metal roll up door	@	\$5,000.00	=	\$5,000.00
		TOTAL	=	\$163,500.00

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - Audio/Video

Category	090 Equipment	Quantity	1 total
		Unit Cost	\$79,100.00
		% of Replacement	100.00%
		Current Cost	\$79,100.00
		Future Cost	\$89,027.75
Placed In Service	07/2002		
Useful Life	25		
		Assigned Reserves at FYB	\$0.00
Remaining Life	4	Monthly Member Contribution	\$632.00
Replacement Year	2027-28	Monthly Interest Contribution	\$2.80
		Total Monthly Contribution	\$634.79

1 large roll-up movie screen	@	\$7,500.00	=	\$7,500.00
4 wall mounted speakers	@	\$600.00	=	\$2,400.00
5 x-large suspended speakers	@	\$4,000.00	=	\$20,000.00
4 large JBL speakers	@	\$2,000.00	=	\$8,000.00
27 in ceiling speakers	@	\$600.00	=	\$16,200.00
1 total, sound equipment package*	@	\$25,000.00	=	\$25,000.00
		TOTAL	=	\$79,100.00

The cost estimate for this component has been calculated based on the inventory identified herein. It is likely that future replacements will vary and, therefore, the cost used should be considered as a general indication of budgetary needs rather than specific to this inventory.

Laguna Hills Community Center
Component Detail
Directed Cash Flow Calculation Method; Sorted By Category

Equipment - Back Up, Power Supply

Category	090 Equipment	Quantity	1 total
		Unit Cost	\$60,000.00
		% of Replacement	100.00%
		Current Cost	\$60,000.00
Placed In Service	07/2002	Future Cost	\$67,530.53
Useful Life	25		
		Assigned Reserves at FYB	\$0.00
Remaining Life	4	Monthly Member Contribution	\$479.39
Replacement Year	2027-28	Monthly Interest Contribution	\$2.12
		Total Monthly Contribution	\$481.51

This is a Dual Lite Spectron LSN battery back-up power inverter system located in the rear mechanical room.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - Electronic/Office, Unfunded

Category	090 Equipment	Quantity	1 comment
		Unit Cost	\$0.00
		% of Replacement	0.00%
		Current Cost	\$0.00
Placed In Service	07/2002	Future Cost	\$0.00
Useful Life	n.a.		
		Assigned Reserves at FYB	\$0.00
Remaining Life	n.a.	Monthly Member Contribution	\$0.00
Replacement Year	n.a.	Monthly Interest Contribution	\$0.00
		Total Monthly Contribution	\$0.00

We have excluded budgeting at this time for the computer/office equipment and furnishings & fixtures located throughout the Community Center offices and classrooms. We anticipate this equipment will be replaced/upgraded on an as-needed basis and not all at one time.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - Elevator, Cab Refurbishing

Category	090 Equipment	Quantity	1 elevator
		Unit Cost	\$15,000.00
		% of Replacement	100.00%
		Current Cost	\$15,000.00
		Future Cost	\$17,389.11
Placed In Service	07/2002		
Useful Life	15		
Adjustment	+11	Assigned Reserves at FYB	\$0.00
Remaining Life	5	Monthly Member Contribution	\$95.86
Replacement Year	2028-29	Monthly Interest Contribution	\$0.42
		Total Monthly Contribution	\$96.28

This is a 3-floor hydraulic elevator.

We have budgeted a provision for refurbishing the interior of the elevator cabs to include laminated wall covering, ceramic floor cover, fluorescent lighting, etc.

The remaining life of this component has been extended due to its condition at our most recent site visit.

Note: costs should be considered general estimates.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - Elevator, Modernization

Category	090 Equipment	Quantity	1 elevator
		Unit Cost	\$250,000.00
		% of Replacement	100.00%
		Current Cost	\$250,000.00
Placed In Service	07/2002	Future Cost	\$326,193.30
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$886.86
Replacement Year	2032-33	Monthly Interest Contribution	\$3.92
		Total Monthly Contribution	\$890.79

This is a 3-floor hydraulic elevator.

This component is for the additional major repair costs associated with hydraulic style elevators such as valve and cylinder replacements.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - Fire Control Panels

Category	090 Equipment	Quantity	1 panel
		Unit Cost	\$36,500.00
		% of Replacement	100.00%
		Current Cost	\$36,500.00
		Future Cost	\$41,081.07
Placed In Service	07/2002		
Useful Life	25		
		Assigned Reserves at FYB	\$0.00
Remaining Life	4	Monthly Member Contribution	\$291.63
Replacement Year	2027-28	Monthly Interest Contribution	\$1.29
		Total Monthly Contribution	\$292.92

This is a Silent Knight RPS-1000 fire control panel located in the rear mechanical room.

1 small notifier panel	@	\$4,000.00	=	\$4,000.00
1 large control panel, IFP-1000	@	\$20,000.00	=	\$20,000.00
1 large panel, RPS-1000	@	\$12,500.00	=	\$12,500.00
		TOTAL	=	\$36,500.00

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - HVAC, Boilers

Category	090 Equipment	Quantity	2 boilers
		Unit Cost	\$12,500.00
		% of Replacement	100.00%
		Current Cost	\$25,000.00
		Future Cost	\$26,522.50
Placed In Service	07/2002		
Useful Life	16		
Adjustment	+7	Assigned Reserves at FYB	\$0.00
Remaining Life	2	Monthly Member Contribution	\$399.65
Replacement Year	2025-26	Monthly Interest Contribution	\$1.77
		Total Monthly Contribution	\$401.42

These are 80-100 gallon commercial, natural gas hot water boilers.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - HVAC, Heaters

Category	090 Equipment	Quantity	8 heaters
		Unit Cost	\$6,500.00
		% of Replacement	100.00%
		Current Cost	\$52,000.00
		Future Cost	\$67,848.21
Placed In Service	07/2002		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$184.47
Replacement Year	2032-33	Monthly Interest Contribution	\$0.82
		Total Monthly Contribution	\$185.28

These are stainless steel heaters suspended in the gym ceiling.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - HVAC, Package Units

Category	090 Equipment	Quantity	1 total
		Unit Cost	\$528,000.00
		% of Replacement	100.00%
		Current Cost	\$528,000.00
		Future Cost	\$775,385.80
Placed In Service	07/2020		
Useful Life	16		
		Assigned Reserves at FYB	\$0.00
Remaining Life	13	Monthly Member Contribution	\$1,295.68
Replacement Year	2036-37	Monthly Interest Contribution	\$5.73
		Total Monthly Contribution	\$1,301.42

The HVAC units were replaced in 2020 for \$411,000.

1 Carrier 12.5 ton unit	@	\$45,000.00	=	\$45,000.00
2 Carrier 6 ton units	@	\$32,500.00	=	\$65,000.00
5 Carrier 5 ton units	@	\$30,000.00	=	\$150,000.00
5 Carrier 7.5 ton units	@	\$37,500.00	=	\$187,500.00
1 Carrier mini split unit*	@	\$8,000.00	=	\$8,000.00
1 Sterling gas furnace	@	\$10,000.00	=	\$10,000.00
1 make up air unit	@	\$15,000.00	=	\$15,000.00
1 Carrier 15 ton unit	@	\$47,500.00	=	\$47,500.00
		TOTAL	=	\$528,000.00

* This unit is located on the roof and serves the Mechanical room.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - HVAC, Ventilation Fans

Category	090 Equipment	Quantity	1 total
		Unit Cost	\$44,000.00
		% of Replacement	100.00%
		Current Cost	\$44,000.00
		Future Cost	\$49,522.39
Placed In Service	07/2002		
Useful Life	20		
Adjustment	+5	Assigned Reserves at FYB	\$0.00
Remaining Life	4	Monthly Member Contribution	\$351.55
Replacement Year	2027-28	Monthly Interest Contribution	\$1.56
		Total Monthly Contribution	\$353.11

These are Loren Cook ventilation fans located on the roof:

4 large ventilation fans	@	\$4,500.00	=	\$18,000.00
4 x-large ventilation fans	@	\$6,500.00	=	\$26,000.00
		TOTAL	=	\$44,000.00

The remaining life of this component has been extended due to its condition at our most recent site visit.

Laguna Hills Community Center

Component Detail

Directed Cash Flow Calculation Method; Sorted By Category

Equipment - Surveillance System

Category	090 Equipment	Quantity	1 system
		Unit Cost	\$40,000.00
		% of Replacement	100.00%
		Current Cost	\$40,000.00
Placed In Service	07/2020	Future Cost	\$49,194.95
Useful Life	10		
		Assigned Reserves at FYB	\$0.00
Remaining Life	7	Monthly Member Contribution	\$182.51
Replacement Year	2030-31	Monthly Interest Contribution	\$0.81
		Total Monthly Contribution	\$183.32

The actual date this component was placed into service is not available. For budgeting purposes, this date has been estimated based on its condition at our most recent site visit.

Laguna Hills Community Center
Component Detail
Directed Cash Flow Calculation Method; Sorted By Category

Grounds - Fountain, Refurbish

Category	100 Grounds	Quantity	1 fountain
		Unit Cost	\$250,000.00
		% of Replacement	100.00%
		Current Cost	\$250,000.00
Placed In Service	07/2002	Future Cost	\$326,193.30
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$886.86
Replacement Year	2032-33	Monthly Interest Contribution	\$3.92
		Total Monthly Contribution	\$890.79

This is a very large, elaborate water feature consisting of 4 precast concrete bowls that create a waterfall into small circular ponds. A trough measuring approximately 165' in length runs along the wall behind the "falls" emptying into a large pond. This feature is constructed of concrete, and decorative mosaic and ceramic tiles.

We have budgeted for a major rehab of this water feature on a 30-year cycle to include fountain repairs/replacements, replastering the base pools, tile replacement, lighting, equipment, etc. The actual condition of the fountain should be monitored through time and the estimates adjusted accordingly.

Laguna Hills Community Center
Component Detail
Directed Cash Flow Calculation Method; Sorted By Category

Grounds - Park Furnishings

Category	100 Grounds	Quantity	1 total
		Unit Cost	\$116,100.00
		% of Replacement	100.00%
		Current Cost	\$116,100.00
		Future Cost	\$151,484.17
Placed In Service	07/2002		
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	9	Monthly Member Contribution	\$411.86
Replacement Year	2032-33	Monthly Interest Contribution	\$1.82
		Total Monthly Contribution	\$413.68

23 - concrete planter pots (various sized)	@	\$1,200.00	=	\$27,600.00
8 - 4' x 4' concrete benches w/o backs	@	\$4,500.00	=	\$36,000.00
7 - concrete trash receptacles	@	\$2,000.00	=	\$14,000.00
7 - 7' concrete benches w/backs	@	\$5,500.00	=	\$38,500.00
		TOTAL	=	\$116,100.00

Laguna Hills Community Center

Component Detail Index

	Page
Building Exterior - Doors	63
Building Interior - Cabinets/Counters	45
Building Interior - Ceiling Panels	46
Building Interior - Drinking Fountains, 2022	47
Building Interior - Drinking Fountains, Original	48
Building Interior - Floor, Carpet	49
Building Interior - Floor, Ceramic Tile	50
Building Interior - Floor, Vinyl Tile	51
Building Interior - Floor, Wood	52
Building Interior - Furniture, Unfunded	53
Building Interior - Gym, Basketball Backboards	54
Building Interior - Gym, Bleachers	55
Building Interior - Kitchen Equipment	56
Building Interior - Restroom Remodel, Floor 1	57
Building Interior - Restroom Remodel, Floor 2	58
Building Interior - Room Partitions	59
Building Interior - Wall, Ceramic Tile	60
Building Interior - Wall, Wallpaper	61
Building Interior - Window Blinds	62
Concrete - Mastic, Unfunded	27
Concrete - Replacement	28
Equipment - Audio/Video	64
Equipment - Back Up, Power Supply	65
Equipment - Electronic/Office, Unfunded	66
Equipment - Elevator, Cab Refurbishing	67
Equipment - Elevator, Modernization	68
Equipment - Fire Control Panels	69
Equipment - HVAC, Boilers	70
Equipment - HVAC, Heaters	71
Equipment - HVAC, Package Units	72
Equipment - HVAC, Ventilation Fans	73
Equipment - Surveillance System	74
Fencing - Metal	39
Grounds - Fountain, Refurbish	75
Grounds - Park Furnishings	76
Lighting - Exterior, Building	41
Lighting - Exterior, Grounds, Newer	42
Lighting - Exterior, Grounds, Original	43
Lighting - Interior	44
Painting - Exterior	37
Painting - Interior	38
Roofs - Built Up, Coating, 2020	31
Roofs - Built Up, Coating, 2024	32
Roofs - Built Up, Replacement	33

Laguna Hills Community Center

Component Detail Index

Roofs - Glass	34
Roofs - Skylights	35
Roofs - Tile	36
Streets - Asphalt, Major Rehab	29
Streets - Asphalt, Repair/Seal & Stripe	30
Walls - Masonry	40

50 Components

FINAL REPORT

***UPDATED CITYWIDE
PAVEMENT MANAGEMENT PLAN
OC Go
2024-2031***



Submitted to:

***City of Laguna Hills, CA
March 15, 2024***



March 15, 2024

Mr. Joe Ames, P.E., T.E.
Public Works Director / City Engineer
CITY OF LAGUNA HILLS
24035 El Toro Road
Laguna Hills, CA 92653

Subject: City of Laguna Hills – OCTA Pavement Management Compliance Report 2024

Dear Joe:

As part of the 2024 Update of the Pavement Management Plan (PMP) for the City of Laguna Hills, *Bucknam Infrastructure Group, Inc.* is pleased to submit the PMP reporting required by the Orange County Transportation Authority (OCTA). This data/report will be submitted to OCTA as part of the City's required biennial PMP prior to June 30, 2024.

The information contained in this report was used to develop the recommended improvement program for the pavement network. The report covers the following categories:

- **Pavement Management Plan Certification**
- **Quality Assurance / Quality Control (QA/QC) Plan**
- **Pavement Management Data Files (electronic Laguna Hills.e70 file format)**
- **Pavement Management Plan that includes the following:**
 - **Average Pavement Conditions For Each Segment in the Network (PCI Report)**

The Pavement Condition Index report shows the present condition of each street in the pavement network (MPAH and Locals). In addition, the report shows the basic geometry of each street segment.
 - **Seven-year Projected PCI Under Existing Funding Levels**

This report identifies the projected PCI's based on the local agencies current funding programs. This report details the PCI projects for the entire network, MPAH roadways and Local streets.
 - **Seven-year Plan for Road Maintenance and Rehabilitation (Forecasted Maintenance Report)**

The Forecasted Maintenance Report projects the street maintenance activities required for the next seven years, broken down to show maintenance levels for all streets. This includes all scheduled projects provided by the City for fiscal years 2024 through 2031.

- **Alternative Funding Levels**

OCTA has requested two reports indicating the necessary funding to maintain the City's current weighted average PCI as well as the necessary funding to improve the weighted average PCI by one PCI point over the next seven years.

- **Backlog by Fiscal Year (re: unfunded restoration, rehabilitation and reconstruction)**

- **Percentage of total network in each of the five condition categories based on centerline mileage**

- **Local Match Reduction Reporting**

- In order to be eligible for Local Match Reduction of 10%, the following must be submitted:
 - Measurable improvement of paved road conditions during the previous reporting period defined as an overall weighted (by area) average system improvement of one PCI point.
 - No reduction in the overall weighted (by area) average PCI in the MPAH or local street categories
 - or -
 - Have road pavement conditions, for the overall network, during the previous reporting period within the highest twenty (20%) of the scale for road pavement conditions in conformance with OCTA Ordinance No. 3, defined as a PCI of 75 or higher, otherwise defined as in "good condition".

- **GIS Digital Data**

All comments received from the City have been incorporated in the reports that follow. All of the City's issues and needs that were brought to our attention are included in the report. It has been a pleasure working with you and the City on updating your Pavement Management Plan. We look forward to the continued success of this project and future teamwork with City staff.

Sincerely,

Bucknam Infrastructure Group, Inc.



Peter J. Bucknam
Project Manager
Infrastructure Management – GIS Services



3548 Seagate Way, Suite 230
Oceanside, CA 92056
T: (760) 216-6529
www.bucknam-inc.com

AGENCY SUBMITTAL TABLE OF CONTENTS

I.	Pavement Management Plan Certification.....	2
II.	Executive Summary	3
III.	Background	4
IV.	Current Pavement Conditions (PCI).....	7
V.	Projected Pavement Conditions (PCI).....	8
VI.	Alternative Funding Levels.....	9
	a. Maintain Existing Average Network PCI	9
	b. Improve Average Network PCI.....	9
VII.	Current and Projected Backlog by Year of Pavement Maintenance Needs	9
VIII.	Centerline Mileage.....	10
IX.	Percentage of Network in Each of Five Condition Categories Based on Centerline mileage	10
X.	Reduction in M2 Local Match	11
XI.	Appendix A – Seven-Year Road Maintenance and Rehabilitation Plan Based on Current or Expected Funding Level	12
XII.	Appendix B – Complete Street Listing Current Conditions	13
XIII.	Appendix C – GIS Digital Data	14
XIV.	Appendix D – Quality Assurance / Quality Control Plan.....	16
	• Introduction	16
	• Objectives	16
	• Structure of QA/QC Plan.....	16
	• Condition Survey Procedures.....	17
	• Accuracy Required for Data Collection	18
	• Random and Systematic Re-Inspections.....	18
	• PCI Comparison with Past Surveys.....	19
	• Inspector Qualifications and Experience	19
	• Safety Procedures.....	19
XV.	Appendix E – Pavement Management Data Files.....	20
XVI.	Appendix F – GIS Maps – Current Conditions	21



CITY OF LAGUNA HILLS PAVEMENT MANAGEMENT PLAN

- part of -

COUNTYWIDE PAVEMENT MANAGEMENT PLAN GUIDELINES
(OCTA Guideline – March 2024)

Prepared by: Bucknam Infrastructure Group, Inc.
Submitted to OCTA: June 30, 2024



I. Pavement Management Plan Certification

The City of Laguna Hills, CA certifies that it has a Pavement Management Plan in conformance with the criteria stated in the Orange County Transportation Authority Ordinance No. 3. This ordinance requires that a Pavement Management Plan be in place and maintained to qualify for allocation of revenues generated from renewed Measure M (M2).

The plan was developed by Bucknam Infrastructure Group, Inc. using MicroPAVER, a pavement management system conforming to American Society for Testing and Materials (ASTM) Standard D6433, and contains, at a minimum, the following elements:

- Inventory of MPAH and Local routes reviewed and updated biennially. The last update of the inventory was completed on March, 2024 for the Arterial (MPAH) and March, 2024 for the Local streets;
- Assessment of the pavement condition for all routes in the system, updated biennially. The last field review of the pavement condition was completed in March, 2024;
- Percentage of all sections of pavement needing:
 - Preventive Maintenance = 30.9%;
 - Rehabilitation = 25.0%;
 - Reconstruction = 0.0%
- Budget needs for preventive maintenance, rehabilitation and/or reconstruction of deficient sections of pavement for:
 - Current biennial period \$6,925,400;
 - Following biennial period \$6,672,000
- Funds budgeted or available for Preventive Maintenance, Rehabilitation and/or Reconstruction.
 - Current biennial period \$2,900,000;
 - Following biennial period \$2,900,000
- Backlog by year of unfunded rehabilitation, restoration and reconstruction needs (See page 9);
- The Pavement Management Plan is consistent with countywide pavement condition assessment standards as described in the OCTA Countywide Pavement Management Plan Guidelines adopted by the OCTA Board of Directors.

*An electronic copy of the Pavement Management Plan (with MicroPAVER or StreetSaver compatible files) has been or will be submitted with the certification statement. A copy of this certification is being provided to the Orange County Transportation Authority.

Submitted by:

Mr. Joe Ames
Name (Print)

City of Laguna Hills
Jurisdiction

Signed

Date

Public Work Director / City Engineer
Title



II. EXECUTIVE SUMMARY

2024 UPDATE OF PAVEMENT MANAGEMENT PLAN (PMP)

As the City of Laguna Hills’s infrastructure continues to mature Public Works priorities such as Local street overlay rehabilitation and proactive Arterial CIP maintenance are key projects to City staff. With the City mostly built-out, wear and tear on the infrastructure will occur at an ever-increasing rate. Pavement aging through annual weathering, dynamic and static vehicle loading, and increased usage, compounded with the increased cost of performing maintenance and rehabilitation, add to the yearly operational budget of the pavement network. System sustainability can only be achieved through proactive scheduling and the implementation of cost-efficient pavement applications.

In the upcoming years as the City continues to build upon this study through future inspections and maintenance work history, Laguna Hills pavement data will continue to provide reliable data. This will enhance the PMP through detailed Orange County Transportation Authority (OCTA) OC Go funding analysis, City specific budgetary reporting and level of service reporting.

The Laguna Hills PMP has been developed to assist City personnel by providing current data on the City’s street network and to develop cost-effective maintenance strategies to maintain a desirable level of pavement performance on a network scale, while optimizing the expenditure of limited fiscal resources. The project consisted of analyzing the City’s 2022 dataset for quality and usability. In doing this, we were tasked to generate an updated Capital Improvement Program report that identified recommendations and deficiencies in the current operating and maintenance efforts put forth by the City.

We surveyed all designated arterial, collector (MPAH) routes and a portion of the residential network this past spring to assist the City in being compliant with OCTA – OC Go March 2024 guidelines. Additionally, we updated the City’s unique Pavement Management – GIS layer that will continue to assist the City in analyzing pavement conditions and other attribute information through the use of ESRI ArcMap and MyRoads®.

Bucknam Infrastructure Group reviewed the City’s previous maintenance efforts and the current 2024-2026 proposed street improvement locations for pertinent segment / schedule information. This was performed in order to generate an accurate CIP report that identified network PCI improvements and deferred backlog modifications.

III. BACKGROUND

In late 1990, voters throughout Orange County approved a ½-cent sales tax for transportation improvements known as OC Go, formerly known as Measure M2. Funding for streets and roads are included within the sales tax and are distributed to local agencies through both formula and a competitive method. In late 2006, the renewal of OC Go was approved by voters that would continue the ½-cent sales tax for thirty additional years, starting in 2011.

The primary goal of this report is to comply with established guidelines from OCTA to ensure that field data collection and reporting efforts performed by outside consultants or local agency staff are consistent. This is required in order that funding allocations can be reviewed and based on agency comparable pavement conditions. Specifically, our findings and recommendations provide Public Works administrators, managers and field personnel with:

- * *PMP report consistent with OCTA OC Go guidelines*
- * *the present condition status of the pavement network (arterial, collector, residential and industrial streets), as a whole and of any grouping or individual component within the City;*
- * *a ranked list of all streets, or segments of streets, by condition within the network;*
- * *rehabilitation/maintenance needs of each street segment by year;*
- * *an optimized priority maintenance and rehabilitation program based on cost/benefit analysis and various levels of funding;*
- * *optimum annual pavement expenditure levels for pavement maintenance for the next seven (7) years;*
- * *prediction of the life-cycle performance of the City's pavement network and each individual street section; and*
- * *pavement condition data and analysis presented in GIS through ESRI ArcMap*

Pavement is a dynamic structure where deterioration is constantly occurring; thus the pavement management system needs to be updated on a regular basis to reflect these changes in pavement conditions, pavement maintenance histories, and maintenance strategies based upon budgetary constraints. In our approach to develop the City's forecasted maintenance recommendations we worked with Laguna Hills Public Works/Engineering staff in identifying unit costs for all maintenance practices used on an annual basis. Currently, based upon the City's maintenance practices and their associated unit costs, the total replacement value of the Laguna Hills pavement network is \$222,559,400. This value clearly indicates that the City's pavement network is the most valuable and essential asset to Laguna Hills. The City's use of slurry seal, AC Overlay and R&R practices are typically applied at a six year, ten year and 25 year frequency respectively. These frequencies are typical but the City may see increases in deterioration rates due to environmental, load and high average daily traffic (ADT) volumes. For example, high ADT volumes along one of Laguna Hills's arterial streets will increase deterioration rates for a previously applied AC Overlay compared to a small local street. These deterioration rates are monitored through frequent biennial inspections and functional class deterioration analysis within the City's PMP database.

FINDINGS AND RECOMMENDATIONS

Through our assessment of historical maintenance performed within the City and through our discussions with City staff the conditional data found across the network clearly shows that the City has applied strong, preventative maintenance strategies over the past decade. Pavement management involves frequent preventative maintenance; as pavement deteriorates through heavy traffic impacts, weathering and time, preventative maintenances (such as slurry seal, stop gap, etc.) have limited benefits. A more proactive rehabilitation applications have to be used.

Our study has shown that key slurry seal and selective overlay projects will be needed over the next five years to maintain the network's high level of condition. Currently, the City's Local network holds an above average weighted PCI values while the Arterial / Collector network has fallen to the "Fair" condition category. It is our recommendation that a proactive, common sense Arterial / Collector overlay program and a continued slurry seal program be scheduled over the next several fiscal years. This will ensure that the citywide weighted PCI will sustain itself and allow for routine slurry seal maintenance to continue.

We have found and recommend the following detailed items which should be reviewed and considered for a proactive approach to the future management of the PMP:

ARTERIAL / COLLECTOR (MPAH) FINDINGS AND RECOMMENDATIONS

The actual workload requirements identified indicate that the Arterial (MPAH) street network is currently in "fair" condition. To improve upon these conditions, it is essential that preventive maintenance and overlay rehabilitations are funded at the levels identified on page 9 to increase the overall condition level to "good" (PCI level > 75). Our Arterial/Collector conditional findings and annual revenue funding recommendations are shown below:

- The MPAH network has a weighted PCI of 74.1
- The MPAH network consists of 42.6 centerline miles and 9,067,736 SF of pavement;
- Currently, 43% of the MPAH network (18.2 centerline miles) qualify for slurry seal/stop gap maintenance; 28% of the network (11.8 centerline miles) qualify for rehabilitation maintenance;
 - With MPAH conditions showing 11.8 miles of streets in need of major rehabilitation a continuous and proactive Arterial CIP program needs to be sustained;
- At a minimum, MPAH maintenance projects should focus on the improving the current PCI to a weighted average of 75 within the next 7 years;
 - Increase the MPAH revenues to an average annual level of \$4,650,000 every two years for the term of the CIP to generate the PCI identified on page 9;
- Develop a proactive fiscal and planned approach to identify MPAH overlay projects based on the deferred backlog modeling within MicroPAVER;
 - Demonstrated Improve PCI budget (page 9) is ample to increase the MPAH weighted PCI

of 74.1 to 75.3 after seven years, additionally, the citywide deferred backlog increases from a level of \$4.9 million to \$7.2 million after seven years; and

- Perform pavement inspections on the MPAH network every two years to build a solid planning model within MicroPAVER to track PCI deterioration; also follows new OCTA guidelines for OC Go.

LOCAL FINDINGS AND RECOMMENDATIONS

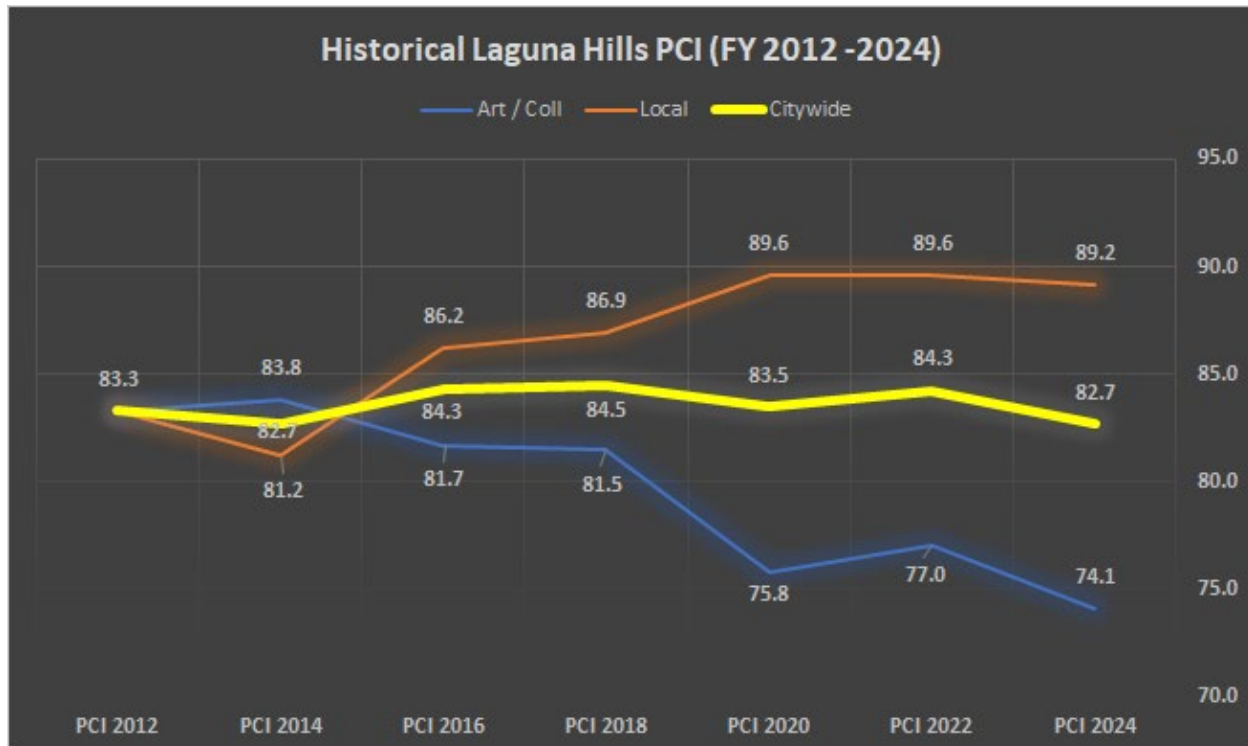
The actual workload requirements identified indicate that the Local street network is currently in “very good” condition. To maintain this condition, it is critical that preventive maintenance and overlay activities are funded at the levels identified on page 9 to maintain a “very good” network weighted average PCI value. Our Local network findings for conditional data and recommendations for revenue expenditures are shown below:

- The Local network has a weighted PCI of 89.2;
- The Local network consists of 63.7 centerline miles and 12,189,130 SF of pavement;
- Currently, 30% of the Local network (19.2 centerline miles) qualifies for slurry seal/stop gap maintenance; 3% of the Local network (1.9 centerline miles) qualify for rehabilitation maintenance;
- At a minimum, Local maintenance projects should focus on the maintaining the current PCI above a weighted average of 89 over the next 7 years;
 - Maintain the Local revenues at an average annual level of \$1,993,000 every two years for the term of the CIP to generate the PCI identified on page 9;
- Develop a proactive fiscal and planned approach to identify local overlay projects based on the deferred backlog modeling within MicroPAVER;
 - Demonstrated Maintain PCI budget (page 9) is ample to sustain the Local weighted PCI at average above 89 after seven years, additionally, the citywide deferred backlog increases from a level of \$4.9 million to \$8.9 million after seven years; and
- Perform pavement inspections on the Local network every four years to build a solid planning model within MicroPAVER to track PCI deterioration; also follows new OCTA guidelines for OC Go.

2024 Citywide Pavement Management Plan – OCTA Submittal Final Report – June 30, 2024

IV. CURRENT PAVEMENT CONDITIONS (PCI)

Rank	Mileage	SF	PCI 2024	PCI 2022	PCI 2020	PCI 2018	PCI 2016	PCI 2014	PCI 2012
Art / Coll	42.6	9,067,736	74.1	77.0	75.8	81.5	81.7	83.8	83.3
Local	63.7	12,189,130	89.2	89.6	89.6	86.9	86.2	81.2	83.3
Citywide	106.3	21,256,866	82.7	84.3	83.5	84.5	84.3	82.7	83.3



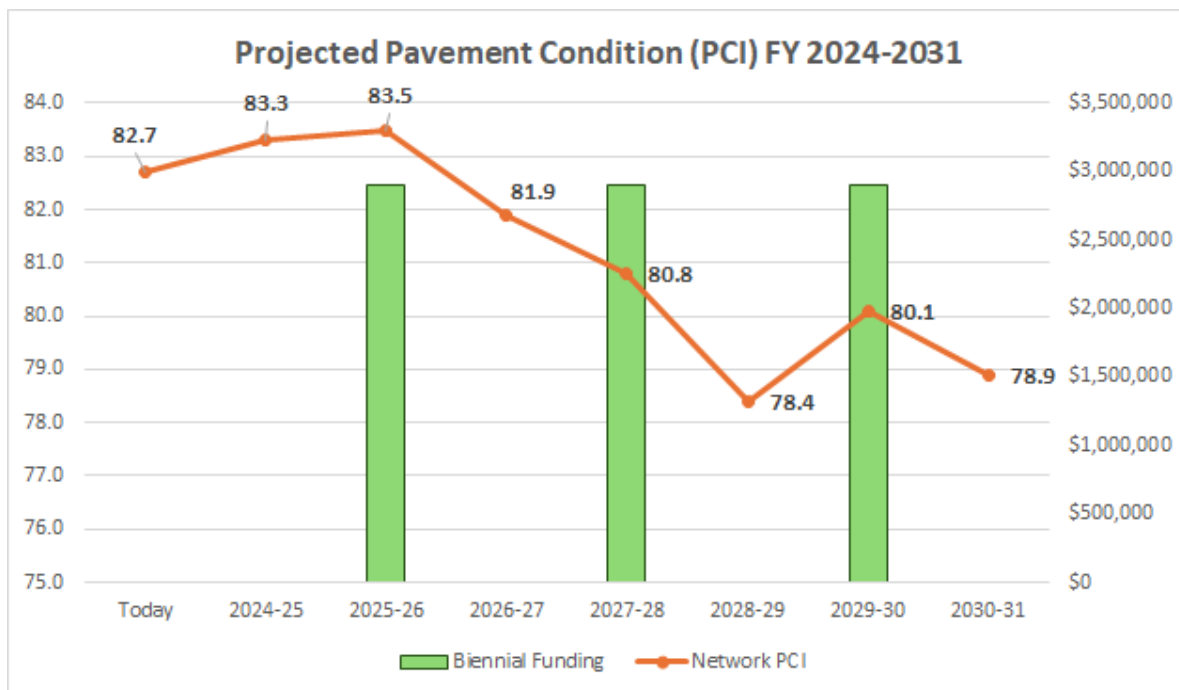
Condition	PCI Range	MPAH	Local	Total	% of Network
Very Good	86-100	7.1	42.3	49.4	48.6%
Good	75-85	12.3	19.1	31.4	30.9%
Fair	60-74	19.3	2.3	21.6	21.2%
Poor	41-59	3.9	0.0	3.9	3.8%
Very Poor	0-40	0.0	0.0	0.0	0.0%
		42.6	63.7	106.3	

2024 Citywide Pavement Management Plan – OCTA Submittal Final Report – June 30, 2024

V. PROJECTED PAVEMENT CONDITIONS (PCI)

Based on the current funding that the City has identified, we have applied the City's biennial funding against the conditions found on the network from the most recent survey. We have included summary tables below to demonstrate our PCI findings.

Fiscal Year	Biennial Funding	Network PCI	MPAH	Local
Today	~	82.7	74.1	89.2
2024-25	\$0	83.3	74.8	87.0
2025-26	\$2,900,000	83.5	75.1	87.2
2026-27	\$0	81.9	74.2	85.6
2027-28	\$2,900,000	80.8	74.6	86.0
2028-29	\$0	78.4	72.0	84.5
2029-30	\$2,900,000	80.1	72.2	85.2
2030-31	\$0	78.9	71.4	82.8
Total	\$8,700,000			



VI. ALTERNATIVE FUNDING LEVELS

Maintain Existing Average Network PCI

Fiscal Year	Maintain PCI Funding	Network PCI	MPAH	Local
Today	~	82.7	74.1	89.2
2024-25	\$0	83.3	74.8	87.0
2025-26	\$6,925,400	84.9	75.4	87.5
2026-27	\$0	82.8	74.2	87.9
2027-28	\$6,672,000	84.0	75.8	88.8
2028-29	\$0	81.8	75.0	87.7
2029-30	\$4,876,300	82.9	76.0	89.0
2030-31	\$0	82.5	74.5	88.4
Total	\$18,473,700			

Improve Average Network PCI

Fiscal Year	Increase PCI Funding	Network PCI	MPAH	Local
Today	~	82.7	74.1	89.2
2024-25	\$0	83.3	74.8	87.0
2025-26	\$7,245,000	85.1	75.6	88.4
2026-27	\$0	83.0	74.8	88.2
2027-28	\$7,451,600	84.5	76.5	89.1
2028-29	\$0	82.8	75.7	88.2
2029-30	\$5,233,700	85.0	76.4	89.3
2030-31	\$0	84.2	75.7	88.6
Total	\$19,930,300			

VII. CURRENT AND PROJECTED BACKLOG BY YEAR OF PAVEMENT MAINTENANCE NEEDS

Plan Year	Actual Funding Backlog	Maintain PCI Backlog	Increase PCI Backlog
Current	\$4,857,400	\$4,857,400	\$4,857,400
2024-25	\$7,124,500	\$7,124,500	\$7,124,500
2025-26	\$4,325,500	\$257,400	\$0
2026-27	\$6,810,300	\$2,440,400	\$2,133,100
2027-28	\$8,640,900	\$0	\$0
2028-29	\$13,990,800	\$4,863,200	\$4,274,200
2029-30	\$17,331,800	\$4,043,100	\$2,716,500
2030-31	\$21,492,500	\$8,917,400	\$7,166,400

2024 Citywide Pavement Management Plan – OCTA Submittal Final Report – June 30, 2024

DEFERRED MAINTENANCE

Delaying repairs on streets where pavement conditions indicate a need generates deferred maintenance or “backlog”. Deferred maintenance is work that is postponed to a future budget cycle, or until funds are available. As maintenance is deferred, the opportunity to apply preventive, life extending pavement treatments is forfeited and the ultimate cost of rehabilitation multiplies (i.e. slurry seal costs to overlay costs). By using the City’s pavement maintenance applications and their associated unit costs, when a budgetary model is exercised within the PMP software the amount of deferred maintenance is calculated. Based upon the available budget applied to the model, deferred maintenance will increase or decrease.

As maintenance is deferred, the opportunity to apply life extending preventive pavement applications is lost and the ultimate cost of rehabilitation multiples.

In the case of Laguna Hills, the City’s actual budget will allow the amount of deferred maintenance on both the Arterial and Local networks to increase by 340% by FY 2030. The City should consider this impact as well as the resulting lower PCI and increase CIP/maintenance funding to a level of \$6,643,400 biennially.

VIII. CENTERLINE MILEAGE

	W. PCI	SF	Mileage
Art / Coll	74.1	9,067,736	42.6
Locals	89.2	12,189,130	63.7
Citywide	82.7	21,256,866	106.3

IX. PERCENTAGE OF NETWORK IN EACH OF FIVE CONDITION CATEGORIES BASED ON CENTERLINE MILES

n	PCI Range	Network	Percent Area of Total Pavement	Area of Pavement (SF)	Percent Centerline Mi.	Centerline Mileage of
Very Good	(86-100)	MPAH	6.6%	1,411,908	6.7%	7.1
		Local	38.6%	8,211,385	39.8%	42.3
Good	(75-85)	MPAH	12.2%	2,596,001	11.6%	12.3
		Local	16.7%	3,548,789	18.0%	19.1
Fair	(60-74)	MPAH	20.3%	4,305,214	18.2%	19.3
		Local	2.0%	428,956	2.2%	2.3
Poor	(41-59)	MPAH	3.5%	754,613	3.7%	3.9
		Local	0.0%	0	0.0%	0.0
Very Poor	(0-40)	MPAH	0.0%	0	0.0%	0.0
		Local	0.0%	0	0.0%	0.0

**2024 Citywide Pavement Management Plan – OCTA Submittal
Final Report – June 30, 2024**

X. REDUCTION IN M2 LOCAL MATCH

A local agency match reduction of 10% of the eligible cost for projects submitted for consideration of funding through the M2 Comprehensive Transportation Funding Programs (CTFP) call for projects is available if the local agency either:

- a. Shows measurable improvement of paved road conditions during the previous reporting period defined as an overall weighted (by area) average system improvement of one Pavement Condition Index (PCI) point with no reduction in the overall weighted (by area) average PCI in the Master Plan of Arterial Highways (MPAH) or local categories:

or

- b. Have road pavement conditions during the previous reporting period, within the highest 20% of the scale for road pavement conditions in conformance with OCTA Ordinance No. 3, defined as a PCI of 75 or higher, otherwise defined as in “good condition”.

Road conditions found through our 2024 PMP management study shows that the City is eligible for Local Match Reduction based on the current network weighted PCI of 82.7 (currently having a weighted PCI over 75).

**XI. APPENDIX A – SEVEN YEAR ROAD MAINTENANCE AND REHABILITATION
PLAN BASED ON CURRENT OR EXPECTED FUNDING LEVEL**

City of Laguna Hills, CA
Forecast Maintenance / Rehabilitation (FMR) Report - FY 2024-2031

Sorted by Rank, FY, Name Order (A-Z)

FY	Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Maint. Type	Total \$	Last Work Type	Last Work Date
Arterials / Collectors (MPAH)																			
2023-25	28	4	PASEO DE VALENCIA	AVE DE LA CARLOTA	EL TORO RD	AAC	B	F	1,303	38	48,641	79	47	53	0	1.5" Grind- ARHM Overlay	\$189,700	Overlay - AC Structural	7/1/05
2023-25	28	28	PASEO DE VALENCIA	EL TORO RD	AVE DE LA CARLOTA	AAC	B	F	1,267	41	41,587	83	96	0	4	1.5" Grind- ARHM Overlay	\$178,824	Overlay - AC Structural	7/1/05
2023-25	28	2	PASEO DE VALENCIA	EL TORO RD	CALLE DE LA PLATA	AAC	B	E	1,040	40	45,446	56	46	30	24	1.5" Grind- ARHM Overlay	\$195,418	Overlay - AC Structural	7/1/08
2023-25	28	30	PASEO DE VALENCIA	CALLE DE LA PLATA	EL TORO RD	AAC	B	E	1,008	40	47,444	63	45	55	0	1.5" Grind- ARHM Overlay	\$204,009	Overlay - AC Structural	7/1/08
2023-25	28	3	PASEO DE VALENCIA	CALLE DE LA MAGDALENA	CALLE DE LA MAGDALENA	AAC	B	E	742	36	30,117	55	59	38	3	1.5" Grind- ARHM Overlay	\$129,503	Overlay - AC Structural	7/1/08
2023-25	28	31	PASEO DE VALENCIA	CALLE DE LA MAGDALENA	CALLE DE LA PLATA	AAC	B	E	697	40	29,659	48	47	46	7	1.5" Grind- ARHM Overlay	\$127,534	Overlay - AC Structural	7/1/08
2023-25	28	1	PASEO DE VALENCIA	CALLE DE LA MAGDALENA	HEALTH CENTER DR	AAC	B	E	1,139	34	45,817	56	35	61	4	1.5" Grind- ARHM Overlay	\$197,013	Overlay - AC Structural	7/1/08
2023-25	28	27	PASEO DE VALENCIA	HEALTH CENTER DR	CALLE DE LA MAGDALENA	AAC	B	E	1,088	40	43,154	44	28	69	3	1.5" Grind- ARHM Overlay	\$185,562	Overlay - AC Structural	7/1/08
2023-25	28	9	PASEO DE VALENCIA	HEALTH CENTER DR	LOS ALISOS BLVD	AAC	B	E	1,667	45	71,789	66	50	35	15	1.5" Grind- ARHM Overlay	\$308,693	Overlay - AC Structural	7/1/08
2023-25	28	29	PASEO DE VALENCIA	LOS ALISOS BLVD	HEALTH CENTER DR	AAC	B	E	1,733	45	69,166	52	59	33	8	1.5" Grind- ARHM Overlay	\$297,414	Overlay - AC Structural	7/1/08
2023-25	28	34	PASEO DE VALENCIA	LOS ALISOS BLVD	KENNINGTON DR	AAC	B	E	1,287	34	53,698	59	73	19	8	1.5" Grind- ARHM Overlay	\$230,901	Overlay - AC Structural	7/1/08
2023-25	28	10	PASEO DE VALENCIA	KENNINGTON DR	LOS ALISOS BLVD	AAC	B	E	1,233	35	50,394	56	65	31	4	1.5" Grind- ARHM Overlay	\$216,694	Overlay - AC Structural	7/1/08
2023-25	28	8	PASEO DE VALENCIA	KENNINGTON DR	BECKENHAM ST	AAC	B	E	571	35	23,302	65	37	48	15	1.5" Grind- ARHM Overlay	\$100,199	Overlay - AC Structural	7/1/08
2023-25	28	33	PASEO DE VALENCIA	BECKENHAM ST	KENNINGTON DR	AAC	B	E	570	34	23,336	54	60	35	5	1.5" Grind- ARHM Overlay	\$100,345	Overlay - AC Structural	7/1/08
2023-25	28	7	PASEO DE VALENCIA	BECKENHAM ST	LAGUNA HILLS DR	AAC	B	E	1,554	34	60,304	62	50	45	5	1.5" Grind- ARHM Overlay	\$259,307	Overlay - AC Structural	7/1/08
2023-25	28	32	PASEO DE VALENCIA	LAGUNA HILLS DR	BECKENHAM ST	AAC	B	E	1,559	34	63,532	49	66	33	1	1.5" Grind- ARHM Overlay	\$273,188	Overlay - AC Structural	7/1/08
2023-25	28	5	PASEO DE VALENCIA	LAGUNA HILLS DR	ALICIA PKWY	AAC	B	E	1,605	52	72,824	71	93	6	1	1.5" Grind- ARHM Overlay	\$317,443	Overlay - AC Structural	7/1/08
2023-25	28	24	PASEO DE VALENCIA	ALICIA PKWY	LAGUNA HILLS DR	AAC	B	E	1,515	52	73,631	71	56	17	27	1.5" Grind- ARHM Overlay	\$312,322	Overlay - AC Structural	7/1/08
																	\$3,824,069		
2023-25	18	1	LA PAZ RD	MOULTON PKWY	ALAMEDA AVE	AAC	B	C	2,228	40	86,293	69	68	25	7	1.5" Grind- ARHM Overlay	\$371,060	Overlay - AC Structural	7/1/08
2023-25	18	2	LA PAZ RD	W. CITY LIMITS	MOULTON PKWY	AAC	B	C	809	50	61,186	68	50	44	6	1.5" Grind- ARHM Overlay	\$263,100	Overlay - AC Structural	7/1/08
2023-25	18	12	LA PAZ RD	ALAMEDA AVE	MOULTON PKWY	AAC	B	C	2,180	40	95,681	69	94	5	1	1.5" Grind- ARHM Overlay	\$411,428	Overlay - AC Structural	7/1/08
2023-25	18	13	LA PAZ RD	MOULTON PKWY	W. CITY LIMITS	AAC	B	C	840	50	57,142	63	50	48	2	1.5" Grind- ARHM Overlay	\$245,711	Overlay - AC Structural	7/1/08
																	\$920,239		
2025-27	6	2	AVENIDA DE LA CARLOTA	RIDGE ROUTE DR	PASEO DE VALENCIA	AAC	B	F	3,051	38	88,207	57	68	23	9	1.5" Grind- ARHM Overlay	\$418,101	Surface Course - AC	7/1/04
2025-27	6	3	AVENIDA DE LA CARLOTA	LAKE FOREST DR	PLAZA POINTE DR	AAC	B	F	689	30	17,519	55	48	37	15	1.5" Grind- ARHM Overlay	\$83,040	Surface Course - AC	7/1/04
2025-27	6	4	AVENIDA DE LA CARLOTA	COMMERCE CENTER	RIDGE ROUTE DR	AAC	B	F	794	30	21,860	67	67	5	28	Type II Slurry Seal	\$18,362	Surface Course - AC	7/1/04
2025-27	6	5	AVENIDA DE LA CARLOTA	PLAZA POINTE DR	COMMERCE CENTER	AAC	B	F	2,408	30	66,411	64	78	16	6	Type II Slurry Seal	\$55,785	Surface Course - AC	7/1/04
2025-27	6	6	AVENIDA DE LA CARLOTA	PVMT CHNGE 650' E/ OAKBROOK VILLAGE	LOS ALISOS BLVD	AAC	B	F	505	40	41,675	77	58	25	17	Type II Slurry Seal	\$35,007	Surface Course - AC	7/1/01
2025-27	6	7	AVENIDA DE LA CARLOTA	PASEO DE VALENCIA	EL TORO RD	AAC	B	F	656	40	38,693	68	63	37	0	1.5" Grind- ARHM Overlay	\$183,405	Overlay - AC Structural	5/29/12
2025-27	6	8	AVENIDA DE LA CARLOTA	EL TORO RD	PASEO DE VALENCIA	AAC	B	F	642	40	21,371	73	41	47	12	Type II Slurry Seal	\$17,952	Overlay - AC Structural	5/29/12
2025-27	6	9	AVENIDA DE LA CARLOTA	LOS ALISOS BLVD	PVMT CHNGE 650' E/ OAKBROOK VILLAGE	AAC	B	E	505	40	44,128	73	100	0	0	Type II Slurry Seal	\$37,068	Surface Course - AC	7/1/01
																	\$848,720		
2027-29	6	11	AVENIDA DE LA CARLOTA	RIDGE ROUTE DR	COMMERCE CENTER	AAC	B	F	792	29	23,202	62	65	26	9	1.5" Grind- ARHM Overlay	\$121,346	Surface Course - AC	7/1/04
2027-29	6	12	AVENIDA DE LA CARLOTA	PASEO DE VALENCIA	RIDGE ROUTE DR	AAC	B	F	3,049	38	87,210	52	53	40	7	1.5" Grind- ARHM Overlay	\$456,108	Surface Course - AC	7/1/04
2027-29	6	13	AVENIDA DE LA CARLOTA	COMMERCE CENTER	PLAZA POINTE DR	AAC	B	F	2,453	29	73,670	65	80	15	5	1.5" Grind- ARHM Overlay	\$385,294	Surface Course - AC	7/1/04
2027-29	6	14	AVENIDA DE LA CARLOTA	PLAZA POINTE DR	LAKE FOREST DR	AAC	B	F	585	60	19,070	61	66	29	5	1.5" Grind- ARHM Overlay	\$99,736	Surface Course - AC	7/1/04
																	\$1,062,485		
2029-31	18	11	LA PAZ RD	ALISO HILLS DR	GALLUP CIR	AAC	B	C	930	40	36,465	65	83	13	4	1.5" Grind- ARHM Overlay	\$210,038	Overlay - AC Structural	7/1/08
2029-31	18	14	LA PAZ RD	PASEO DE VALENCIA	ALISO HILLS DR	AAC	B	C	2,068	40	80,657	61	62	29	9	1.5" Grind- ARHM Overlay	\$464,584	Overlay - AC Structural	7/1/08
2029-31	18	15	LA PAZ RD	MC INTYRE ST	CHAMPLAIN RD	AAC	B	D	1,015	30	33,323	59	38	58	4	1.5" Grind- ARHM Overlay	\$191,940	Overlay - AC Structural	7/1/08
2029-31	18	17	LA PAZ RD	CABOT RD	MC INTYRE ST	AAC	B	D	836	30	30,149	56	21	74	5	1.5" Grind- ARHM Overlay	\$173,658	Overlay - AC Structural	7/1/08
																	\$1,040,221		
Locals																			
2024-25	No Maintenance / CIP funding projections are scheduled for FY 2024/25 at this time; this is demonstrated within Actual and Alternative funding tables. City aggregates funding "biennially" and will show FY 2024/25 expenditures within the FY 2024 OCTA compliance reporting.																		
2025-27	41	1	ABILENE CIR	HIDDEN TRAIL RD	WEST END	AAC	E	A	410	38	16,081	92	100	0	0	Prev. Maint. - Stop Gap	\$804	Overlay - AC Structural	8/1/14
2025-27	49	1	ANADALE DR	VISTA VIEJO N CNR	NORTH END	AAC	E	A	890	35	31,942	94	85	0	15	Prev. Maint. - Stop Gap	\$1,597	Overlay - AC Structural	8/1/14
2025-27	58	1	BARKSTONE LN	VISTA VIEJO	NORTH END	AAC	E	A	660	36	23,809	93	96	0	4	Prev. Maint. - Stop Gap	\$1,190	Overlay - AC Structural	8/1/14
2025-27	60	1	BEARGRASS CIR	LOST COLT DR	SOUTH END	AAC	E	A	165	33	7,683	84	70	30	0	Type II Slurry Seal	\$3,842	Surface Treatment - Slurry Seal	6/1/18
2025-27	64	1	BLACK HORSE LN	LOST COLT DR	EAST END	AAC	E	A	850	36	30,715	89	52	48	0	Prev. Maint. - Stop Gap	\$1,536	Overlay - AC Structural	8/1/12
2025-27	66	1	BOOTHILL CT	DILLION RD	WEST END	AAC	E	A	475	38	17,758	74	72	28	0	Type II Slurry Seal	\$8,879	Overlay - AC Structural	8/1/14
2025-27	68	1	BRADFORD LN	NOTTINGHAM CT	NORTH END	AAC	E	A	225	41	7,108	91	49	45	6	Prev. Maint. - Stop Gap	\$355	Overlay - AC Structural	8/1/12
2025-27	69	2	BRIDLEWOOD DR	OSO PKWY	LAUREL CREST DR	AAC	E	A	1,250	38	44,957	90	46	54	0	Prev. Maint. - Stop Gap	\$2,248	Overlay - AC Structural	8/1/12
2025-27	69	4	BRIDLEWOOD DR	LAUREL CREST DR	MEADOW CREST DR	AAC	E	A	791	38	28,270	89	45	48	7	Prev. Maint. - Stop Gap	\$1,414	Overlay - AC Structural	8/1/12
2025-27	69	6	BRIDLEWOOD DR	MEADOW CREST DR	VISTA VIEJO	AAC	E	A	1,476	38	53,923	93	65	35	0	Prev. Maint. - Stop Gap	\$2,696	Overlay - AC Structural	8/1/12
2025-27	81	1	CARLSON CT	LAUREL CREST DR	EAST END	AAC	E	A	135	33	7,131	92	66	0	34	Prev. Maint. - Stop Gap	\$357	Overlay - AC Structural	8/1/14
2025-27	85	1	CEDARBLUFF TER	WOODBUFF RD	EAST END	AAC	E	A	845	35	30,342	88	40	60	0	Prev. Maint. - Stop Gap	\$1,517	Overlay - AC Structural	8/1/14
2025-27	89	1	CHELSEA LN	NOTTINGHAM CT	SOUTH END	AAC	E	A	310	33	10,946	83	27	0	73	Type II Slurry Seal	\$5,473	Overlay - AC Structural	8/1/14
2025-27	92	1	COACH SPRINGS LN	HIDDEN TRAIL RD	WEST END	AAC	E	A	500	38	18,511	88	100	0	0	Prev. Maint. - Stop Gap	\$926	Patching - AC Deep	8/1/14
2025-27	106	1	DEPUTY CIR	DILLION RD	SOUTH END	AAC	E	A	1,245	34	44,708	75	77	23	0	Type II Slurry Seal	\$22,354	Overlay - AC Structural	8/1/14
2025-27	108	1	DERBYHILL DR	HIDDEN TRAIL RD	WEST END	AAC	E	A	1,140	38	45,235	94	100	0	0	Prev. Maint. - Stop Gap	\$2,262	Overlay - AC Structural	8/1/14
2025-27	110	1	DEVONSHIRE RD	FALLING LEAF DR	NOTTINGHAM CT	AAC	E	A	900	37	33,429	92	88	0	12	Prev. Maint. - Stop Gap	\$1,671	Overlay - AC Structural	8/1/12
2025-27	111	1	DILLION RD	LOST TRAIL DR	EAST END	AAC	E	A	1,840	38	70,587	80	39	61	0	Type II Slurry Seal	\$35,294	Surface Treatment - Slurry Seal	6/1/18
2025-27	348	1	ELDERBROOK LN	WOODBUFF RD	SOUTH END	AAC	E	A	160	33	7,705	93	100	0	0	Prev. Maint. - Stop Gap	\$385	Overlay - AC Structural	8/1/14
2025-27	120	1	ELM BANK DR	DEVONSHIRE RD	WEST END	AAC	E	A	510	37	18,896	94	95	0	5	Prev. Maint. - Stop Gap	\$945	Overlay - AC Structural	8/1/14
2025-27	121	1	EMPTY SADDLE DR	NELLIE GAIL RD	SPOTTED PONY LN	AAC	E	A	1,880	36	55,789	88	81	19	0	Prev. Maint. - Stop Gap	\$2,789	Surface Treatment - Slurry Seal	6/1/18
2025-27	125	1	EUCLYPTUS DR	WOODBUFF RD	EAST END	AAC	E	A	340	32	11,189	91	56	41	3	Prev. Maint. - Stop Gap	\$559	Overlay - AC Structural	8/1/14
2025-27	129	1	FAIRCOURT LN	WOODBUFF RD	EAST END	AAC	E	A	565	36	21,572	95	100	0	0	Prev. Maint. - Stop Gap	\$1,079	Overlay - AC Structural	8/1/14

City of Laguna Hills, CA
Forecast Maintenance / Rehabilitation (FMR) Report - FY 2024-2031

Sorted by Rank, FY, Name Order (A-Z)

FY	Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Maint. Type	Total \$	Last Work Type	Last Work Date
2025-27	130	1	FALLING LEAF DR	DEVONSHIRE RD	WOODBUFF RD	AAC	E	A	1,670	37	60,018	93	84	0	16	Prev. Maint. - Stop Gap	\$3,001	Overlay - AC Structural	8/1/14
2025-27	131	1	FARGO RD	ROCKRIDGE RD	SOUTH END	AAC	E	A	535	37	20,058	83	76	24	0	Type II Slurry Seal	\$10,029	Overlay - AC Structural	8/1/14
2025-27	133	1	FLETCHER PL	LAUREL CREST DR	EAST END	AAC	E	A	270	40	11,011	93	96	0	4	Prev. Maint. - Stop Gap	\$551	Overlay - AC Structural	8/1/14
2025-27	140	1	GOLD DUST LN	HIDDEN TRAIL RD	SOUTH END	AAC	E	A	910	36	32,723	84	75	25	0	Type II Slurry Seal	\$16,362	Overlay - AC Structural	8/1/14
2025-27	141	1	GOLDEN ROD CIR	MAGNOLIA CT	EAST END	AAC	E	A	85	63	5,132	94	100	0	0	Prev. Maint. - Stop Gap	\$257	Overlay - AC Structural	8/1/14
2025-27	346	1	GREEN HILLS LN	WOODBUFF RD	RAIN TREE RD	AAC	E	A	597	33	18,373	94	100	0	0	Prev. Maint. - Stop Gap	\$919	Overlay - AC Structural	8/1/14
2025-27	14	1	GREENFIELD DR	SR 73 RAMP	HIDDEN TRAIL RD	AAC	E	A	794	38	32,549	92	89	0	11	Prev. Maint. - Stop Gap	\$1,627	Overlay - AC Structural	8/1/12
2025-27	146	1	HARRINGTON CT	NOTTINGHAM CT	NORTH END	AAC	E	A	395	38	15,142	94	86	0	14	Prev. Maint. - Stop Gap	\$757	Overlay - AC Structural	8/1/14
2025-27	342	1	HIDDEN TRAIL RD	GREENFIELD DR	PINESTRAP CIR	AAC	E	A	1,612	38	61,892	92	65	32	3	Prev. Maint. - Stop Gap	\$3,095	Overlay - AC Structural	8/1/12
2025-27	342	2	HIDDEN TRAIL RD	PINESTRAP CIR	DERBYHILL DR	AAC	E	A	1,580	38	59,562	88	40	60	0	Prev. Maint. - Stop Gap	\$2,978	Overlay - AC Structural	8/1/12
2025-27	342	3	HIDDEN TRAIL RD	DERBYHILL DR	STAGELINE DR	AAC	E	A	1,392	38	52,671	85	40	60	0	Type II Slurry Seal	\$26,336	Overlay - AC Structural	8/1/12
2025-27	342	4	HIDDEN TRAIL RD	STAGELINE DR	NELLIE GAIL RD	AAC	E	A	1,944	38	72,936	82	88	10	2	Type II Slurry Seal	\$36,468	Overlay - AC Structural	8/1/14
2025-27	150	1	HIGHWOOD CIR	ROCKING HORSE LN	NORTH END	AAC	E	A	805	40	27,201	81	63	0	37	Type II Slurry Seal	\$13,601	Surface Treatment - Slurry Seal	6/1/18
2025-27	155	1	IRONWOOD DR	GREEN HILLS LN	MIDDLEBRIDGE LN	AAC	E	A	900	33	31,745	95	100	0	0	Prev. Maint. - Stop Gap	\$1,587	Overlay - AC Structural	8/1/14
2025-27	173	1	LAURAL CREST DR	BRIDLEWOOD DR	PATTERSON	AAC	E	A	1,400	37	51,606	91	57	43	0	Prev. Maint. - Stop Gap	\$2,580	Overlay - AC Structural	8/1/12
2025-27	178	1	LONE ACRES LN	LOST TRAIL DR	EAST END	AAC	E	A	520	37	20,025	80	64	34	2	Type II Slurry Seal	\$10,013	Overlay - AC Structural	8/1/14
2025-27	179	1	LONE PINE CIR	HIDDEN TRAIL RD	EAST END	AAC	E	A	340	38	13,691	92	93	0	7	Prev. Maint. - Stop Gap	\$685	Overlay - AC Structural	8/1/14
2025-27	183	1	LOST COLT DR	MAVERICK CIR	STAGELINE DR	AAC	E	A	905	38	30,716	81	50	46	4	Type II Slurry Seal	\$15,358	Overlay - AC Structural	8/1/12
2025-27	183	2	LOST COLT DR	STAGELINE DR	BEARGRASS CIR	AAC	E	A	1,688	40	56,926	86	45	55	0	Prev. Maint. - Stop Gap	\$2,846	Overlay - AC Structural	8/1/12
2025-27	183	3	LOST COLT DR	BEARGRASS CIR	NELLIE GAIL RD	AAC	E	A	600	40	18,912	90	63	23	14	Prev. Maint. - Stop Gap	\$946	Overlay - AC Structural	8/1/12
2025-27	184	1	LOST TRAIL DR	RAPID FALLS RD	DILLION RD	AAC	E	A	1,880	38	69,669	85	54	46	0	Prev. Maint. - Stop Gap	\$3,483	Surface Treatment - Slurry Seal	6/1/18
2025-27	191	1	MAGNOLIA CT	FALLING LEAF DR	SOUTH END	AAC	E	A	555	33	20,100	93	92	0	8	Prev. Maint. - Stop Gap	\$1,005	Overlay - AC Structural	8/1/14
2025-27	193	1	MAPLE VIEW DR	LAUREL CREST DR	WEST END	AAC	E	A	580	36	21,015	94	91	0	9	Prev. Maint. - Stop Gap	\$1,051	Overlay - AC Structural	8/1/14
2025-27	196	1	MAVERICK CIR	WESTRIDGE LN	SOUTH END	AAC	E	A	290	40	11,851	90	57	40	3	Prev. Maint. - Stop Gap	\$593	Overlay - AC Structural	8/1/12
2025-27	199	1	MEADOW CREST DR	BRIDLEWOOD DR	NORTH END	AAC	E	A	625	36	23,545	89	55	45	0	Prev. Maint. - Stop Gap	\$1,177	Overlay - AC Structural	8/1/12
2025-27	203	1	MIDDLEBRIDGE LN	IRONWOOD DR	WOODBUFF RD	AAC	E	A	235	33	5,944	95	100	0	0	Prev. Maint. - Stop Gap	\$297	Overlay - AC Structural	8/1/14
2025-27	210	1	MOORE OAKS RD	DEVONSHIRE RD	NORTH END	AAC	E	A	690	33	25,602	92	88	0	12	Prev. Maint. - Stop Gap	\$1,280	Overlay - AC Structural	8/1/12
2025-27	25	10	NELLIE GAIL RD	OSO PKWY	LANE MERGE	AAC	E	A	983	20	19,855	83	83	14	3	Type II Slurry Seal	\$9,928	Surface Treatment - Slurry Seal	6/1/18
2025-27	25	11	NELLIE GAIL RD	ROCKING HORSE LN	EMPTY SADDLE DR	AAC	E	A	611	38	22,929	75	35	64	1	Cape Seal	\$29,808	Surface Treatment - Slurry Seal	6/1/18
2025-27	25	12	NELLIE GAIL RD	LOST COLT DR	MOULTON PKWY	AAC	E	A	575	19	9,886	79	61	39	0	Type II Slurry Seal	\$4,943	Surface Treatment - Slurry Seal	6/1/18
2025-27	25	13	NELLIE GAIL RD	LOST COLT DR	RED LODGE PL	AAC	E	A	645	40	24,097	82	87	13	0	Type II Slurry Seal	\$12,049	Surface Treatment - Slurry Seal	6/1/18
2025-27	25	14	NELLIE GAIL RD	RED LODGE PL	ROCKING HORSE LN	AAC	E	A	1,606	40	60,747	78	62	36	2	Type II Slurry Seal	\$30,374	Overlay - AC Structural	7/1/17
2025-27	25	15	NELLIE GAIL RD	ROAD SPLIT	EMPTY SADDLE DR	AAC	E	A	321	38	11,759	80	61	39	0	Type II Slurry Seal	\$5,880	Surface Treatment - Slurry Seal	6/1/18
2025-27	25	16	NELLIE GAIL RD	MOULTON PKWY	LOST COLT DR	AAC	E	A	603	20	10,300	81	61	39	0	Type II Slurry Seal	\$5,150	Overlay - AC Structural	7/1/17
2025-27	25	17	NELLIE GAIL RD	LANE MERGE	OSO PKWY	AAC	E	A	968	20	21,182	78	62	28	10	Type II Slurry Seal	\$10,591	Patching - AC Deep	8/1/14
2025-27	217	1	NOTTINGHAM CT	OSO PKWY	DEVONSHIRE RD	AAC	E	A	1,409	38	51,769	88	42	54	4	Prev. Maint. - Stop Gap	\$2,588	Overlay - AC Structural	8/1/12
2025-27	217	2	NOTTINGHAM CT	DEVONSHIRE RD	BRADFORD LN	AAC	E	A	899	38	32,249	88	76	19	5	Prev. Maint. - Stop Gap	\$1,612	Overlay - AC Structural	8/1/12
2025-27	218	1	OAK HOLLOW RD	ELM BANK DR	NORTH END	AAC	E	A	180	38	8,035	92	100	0	0	Prev. Maint. - Stop Gap	\$402	Overlay - AC Structural	8/1/14
2025-27	229	1	PATTERSON PL	LAUREL CREST DR	MOORE OAKS RD	AAC	E	A	360	37	12,715	91	63	37	0	Prev. Maint. - Stop Gap	\$636	Overlay - AC Structural	8/1/12
2025-27	235	1	PINE STRAP CIR	HIDDEN TRAIL RD	WEST END	AAC	E	A	725	33	27,434	78	73	27	0	Type II Slurry Seal	\$13,717	Overlay - AC Structural	8/1/14
2025-27	237	1	PINTO CT	LOST TRAIL DR	EAST END	AAC	E	A	170	33	8,226	82	100	0	0	Type II Slurry Seal	\$4,113	Overlay - AC Structural	8/1/14
2025-27	239	1	POINTSETTIA CT	WOOD BROOD RD	NORTH END	AAC	E	A	150	33	7,038	95	87	0	13	Prev. Maint. - Stop Gap	\$352	Overlay - AC Structural	8/1/14
2025-27	347	1	RAIN TREE RD	GREEN HILLS LN	EAST END	AAC	E	A	646	33	25,006	95	93	0	7	Prev. Maint. - Stop Gap	\$1,250	Overlay - AC Structural	8/1/14
2025-27	32	1	RAPID FALLS RD	CABOT RD	SUNDOWNER DR	AAC	E	A	997	38	36,020	86	51	43	6	Prev. Maint. - Stop Gap	\$1,801	Overlay - AC Structural	8/1/12
2025-27	32	2	RAPID FALLS RD	SUNDOWNER DR	LOST TRAIL DR	AAC	E	A	1,055	38	38,956	81	45	49	6	Type II Slurry Seal	\$19,478	Overlay - AC Structural	8/1/12
2025-27	32	3	RAPID FALLS RD	LOST TRAIL DR	HIDDEN TRAIL RD	AAC	E	A	1,292	38	47,436	83	43	50	7	Type II Slurry Seal	\$23,718	Overlay - AC Structural	8/1/12
2025-27	246	1	RED BARN CIR	NELLIE GAIL RD	NORTH END	AAC	E	A	165	33	7,822	75	81	15	4	Type II Slurry Seal	\$3,911	Surface Treatment - Slurry Seal	6/1/18
2025-27	248	1	RED LODGE PL	NELLIE GAIL RD	WEST END	AAC	E	A	685	40	23,012	88	73	27	0	Prev. Maint. - Stop Gap	\$1,151	Surface Treatment - Slurry Seal	6/1/18
2025-27	254	1	ROCKING HORSE LN	NELLIE GAIL RD	NORTH END	AAC	E	A	970	39	32,425	81	58	40	2	Type II Slurry Seal	\$16,213	Surface Treatment - Slurry Seal	6/1/18
2025-27	255	1	ROCKRIDGE RD	HIDDEN TRAIL RD	EAST END	AAC	E	A	995	36	35,695	86	27	64	9	Prev. Maint. - Stop Gap	\$1,785	Surface Treatment - Slurry Seal	6/1/18
2025-27	256	1	RODEO CIR	HIDDEN TRAIL RD	EAST END	AAC	E	A	415	38	15,843	82	66	31	3	Type II Slurry Seal	\$7,922	Overlay - AC Structural	8/1/14
2025-27	257	1	ROLLING HILLS RD	WILLOW TREE LN	WEST END	AAC	E	A	515	33	17,948	90	100	0	0	Prev. Maint. - Stop Gap	\$897	Overlay - AC Structural	8/1/14
2025-27	266	1	SANDRIDGE CIR	WESTRIDGE LN	EAST END	AAC	E	A	135	46	6,755	83	65	28	7	Type II Slurry Seal	\$3,378	Overlay - AC Structural	8/1/14
2025-27	273	1	SHENANDOAH DR	HIDDEN TRAIL RD	SOUTH END	AAC	E	A	550	41	22,289	87	49	44	7	Prev. Maint. - Stop Gap	\$1,114	Surface Treatment - Slurry Seal	6/1/18
2025-27	284	1	SPOTTED PONY LN	EAST END	WEST END	AAC	E	A	955	39	30,432	84	87	13	0	Type II Slurry Seal	\$15,216	Surface Treatment - Slurry Seal	6/1/18
2025-27	288	1	STAGELINE DR	LOST COACH DR	HIDDEN TRAIL RD	AAC	E	A	1,820	38	68,144	90	97	0	3	Prev. Maint. - Stop Gap	\$3,407	Overlay - AC Structural	8/1/14
2025-27	289	1	STAGEWOOD CT	STAGELINE DR	NORTH END	AAC	E	A	355	38	14,585	91	100	0	0	Prev. Maint. - Stop Gap	\$729	Overlay - AC Structural	8/1/14
2025-27	292	1	STRATFORD PL	NOTTINGHAM PL	NORTH END	AAC	E	A	265	40	10,707	95	93	0	7	Prev. Maint. - Stop Gap	\$535	Overlay - AC Structural	8/1/14
2025-27	295	1	SUNDOWNER DR	RAPID FALLS RD	NORTH END	AAC	E	A	310	38	11,253	87	41	25	34	Prev. Maint. - Stop Gap	\$563	Overlay - AC Structural	8/1/12
2025-27	321	1	VISTA VIEJO	QTY LIMIT	DEVONSHIRE RD	AAC	E	A	1,530	39	53,056	86	23	77	0	Prev. Maint. - Stop Gap	\$2,653	Overlay - AC Structural	8/1/12
2025-27	322	1	WAGON WHEEL DR	HIDDEN TRAIL RD	EAST END														

City of Laguna Hills, CA
Forecast Maintenance / Rehabilitation (FMR) Report - FY 2024-2031

Sorted by Rank, FY, Name Order (A-Z)

FY	Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Maint. Type	Total \$	Last Work Type	Last Work Date
2025-27	59	1	BAUTISTA DR	PADUA DR	SOUTH END	AAC	E	D	455	33	18,690	88	60	40	0	Prev. Maint. - Stop Gap	\$935	Surface Treatment - Slurry Seal	6/1/18
2025-27	62	1	BENTLEY LN	ALICIA PKWY	EAST END	AAC	E	D	1,555	38	57,924	90	53	22	25	Prev. Maint. - Stop Gap	\$2,896	Overlay - AC Structural	8/1/12
2025-27	65	1	BOONE PL	CADALLAC DR	SOUTH END	AAC	E	D	170	43	8,064	81	32	68	0	Type II Slurry Seal	\$4,032	Surface Treatment - Slurry Seal	6/1/18
2025-27	75	1	CADILLAC DR	GRISSOM RD	BOONE PL	AAC	E	D	575	33	18,649	83	47	37	16	Type II Slurry Seal	\$9,325	Surface Treatment - Slurry Seal	6/1/18
2025-27	75	2	CADILLAC DR	BOONE PL	HILLARY LN	AAC	E	D	422	33	13,391	92	90	0	10	Prev. Maint. - Stop Gap	\$670	Overlay - AC Fabric	8/1/14
2025-27	76	1	CAJON DR	WELLS FARGO DR	COSTEAU DR	AAC	E	D	560	37	17,551	88	77	12	11	Prev. Maint. - Stop Gap	\$878	Surface Treatment - Slurry Seal	6/1/18
2025-27	78	1	CALIFIA DR	MACKENZIE ST	LA SUEN RD	AAC	E	D	865	36	30,061	81	54	43	3	Type II Slurry Seal	\$15,031	Surface Treatment - Slurry Seal	6/1/18
2025-27	86	1	CHAMPLAIN RD	EARHART RD	VESPUCCI RD	AAC	E	D	830	35	23,057	92	73	27	0	Prev. Maint. - Stop Gap	\$1,153	Overlay - AC Structural	8/1/12
2025-27	86	2	CHAMPLAIN RD	GRISSOM RD	LAPAZ RD	AAC	E	D	1,260	33	40,950	81	89	11	0	Type II Slurry Seal	\$20,475	Surface Treatment - Slurry Seal	6/1/18
2025-27	86	3	CHAMPLAIN RD	PIKE RD	CHARLEMAGNE RD	AAC	E	D	725	33	25,502	85	57	43	0	Type II Slurry Seal	\$12,751	Overlay - AC Structural	8/1/12
2025-27	86	4	CHAMPLAIN RD	CHAMPLAIN RD	END	AAC	E	D	114	33	6,073	90	100	0	0	Prev. Maint. - Stop Gap	\$304	Overlay - AC Structural	7/1/12
2025-27	88	1	CHARLEMAGNE RD	CHAMPLAIN RD	DE SALLE ST	AAC	E	D	535	33	17,196	88	70	30	0	Prev. Maint. - Stop Gap	\$860	Overlay - AC Structural	8/1/12
2025-27	96	1	COSTEAU DR	ALICIA PKWY	CAJON DR	AAC	E	D	1,980	36	70,756	84	38	57	5	Type II Slurry Seal	\$35,378	Surface Treatment - Slurry Seal	6/1/18
2025-27	103	1	DE SALLE ST	MACKENZIE ST	EARHART RD	AAC	E	D	1,200	33	38,614	87	40	57	3	Prev. Maint. - Stop Gap	\$1,931	Overlay - AC Structural	8/1/12
2025-27	103	2	DE SALLE ST	EARHART RD	GRISSOM RD	AAC	E	D	1,239	33	38,918	83	48	52	0	Type II Slurry Seal	\$19,459	Overlay - AC Structural	8/1/12
2025-27	112	1	EARHART RD	BARENTS ST	VELASQUEZ RD	AAC	E	D	862	37	29,700	87	51	49	0	Prev. Maint. - Stop Gap	\$1,485	Overlay - AC Structural	8/1/12
2025-27	112	2	EARHART RD	DE SALLE DR	CHAMPLAIN RD	AAC	E	D	485	33	16,756	92	72	28	0	Prev. Maint. - Stop Gap	\$838	Overlay - AC Structural	8/1/12
2025-27	112	3	EARHART RD	DE SALLE DR	ERICSON WY	AAC	E	D	240	33	7,826	72	89	7	4	Type II Slurry Seal	\$3,913	Overlay - AC Structural	7/1/11
2025-27	112	4	EARHART RD	ERICSON WY	LAS BOLSAS ST	AAC	E	D	255	33	9,265	77	60	34	6	Type II Slurry Seal	\$4,633	Patching - AC Deep	8/1/14
2025-27	112	5	EARHART RD	VELASQUEZ RD	LAS BOLSAS ST	AAC	E	D	1,168	37	41,943	85	57	43	0	Type II Slurry Seal	\$20,972	Overlay - AC Structural	8/1/12
2025-27	112	6	EARHART RD	EARHART RD	SOUTH END	AAC	E	D	118	33	6,192	96	100	0	0	Prev. Maint. - Stop Gap	\$310	Overlay - AC Fabric	8/1/14
2025-27	115	1	EL DORADO DR	STAGE COACH DR	PRESIDIO DR	AAC	E	D	860	33	27,880	83	39	59	2	Type II Slurry Seal	\$13,940	Surface Treatment - Slurry Seal	6/1/18
2025-27	123	1	ERICSON WY	COSTEAU DR	EARHART RD	AAC	E	D	1,105	37	38,951	85	62	33	5	Type II Slurry Seal	\$19,476	Overlay - AC Structural	7/1/11
2025-27	123	2	ERICSON WY	EARHART RD	PASEO DE VALENCIA	AAC	E	D	1,393	37	49,085	74	33	33	34	Type II Slurry Seal	\$24,543	Overlay - AC Structural	7/1/11
2025-27	127	1	EVERGREEN RD	OAK LEAF RD	FIR LN	AAC	E	D	800	37	28,763	80	75	8	17	Type II Slurry Seal	\$14,382	Surface Treatment - Slurry Seal	6/1/18
2025-27	128	1	EXPRESS DR	ELDORADO DR	WEST END	AAC	E	D	600	36	21,816	86	79	21	0	Prev. Maint. - Stop Gap	\$1,091	Surface Treatment - Slurry Seal	6/1/18
2025-27	132	1	FIR LN	EVERGREEN RD	TREE TOP RD	AAC	E	D	250	37	11,957	92	71	29	0	Prev. Maint. - Stop Gap	\$598	Overlay - AC Structural	8/1/12
2025-27	144	1	GRISSOM CIR	HILLARY LN	WEST END	AAC	E	D	120	47	6,001	93	100	0	0	Prev. Maint. - Stop Gap	\$300	Overlay - AC Structural	7/1/14
2025-27	145	1	GRISSOM RD	PIKE RD	LA PAZ RD	AAC	E	D	125	33	4,415	84	100	0	0	Type II Slurry Seal	\$2,208	Surface Treatment - Slurry Seal	6/1/18
2025-27	145	2	GRISSOM RD	BARENTS ST	EAST END	AAC	E	D	925	35	28,657	80	42	56	2	Type II Slurry Seal	\$14,329	Surface Treatment - Slurry Seal	6/1/18
2025-27	145	3	GRISSOM RD	LAS BOLSAS ST	WILKES PL	AAC	E	D	1,785	33	57,687	95	85	4	11	Prev. Maint. - Stop Gap	\$2,884	Overlay - AC Fabric	8/1/14
2025-27	145	4	GRISSOM RD	MACKENZIE ST	WEST END	AAC	E	D	535	36	19,372	88	67	0	33	Prev. Maint. - Stop Gap	\$969	Surface Treatment - Slurry Seal	6/1/18
2025-27	145	5	GRISSOM RD	ERICSON WY	PIKE RD	AAC	E	D	1,000	35	29,111	81	65	33	2	Type II Slurry Seal	\$14,556	Overlay - AC Structural	7/1/11
2025-27	145	6	GRISSOM RD	GRISSOM RD	NORTH END	AAC	E	D	132	33	6,783	82	88	11	1	Type II Slurry Seal	\$3,392	Overlay - AC Structural	7/1/11
2025-27	147	1	HARTOG ST	VELASQUEZ RD	LAS BOLSAS ST	AAC	E	D	875	31	26,627	93	60	34	6	Prev. Maint. - Stop Gap	\$1,331	Overlay - AC Fabric	8/1/14
2025-27	151	1	HILLARY LN	BARENTS ST	PASEO DE VALENCIA	AAC	E	D	1,050	37	42,219	91	77	0	23	Prev. Maint. - Stop Gap	\$2,111	Overlay - AC Fabric	8/1/14
2025-27	161	1	KNOTTY PINE RD	McINTYRE ST	MACKENZIE ST	AAC	E	D	525	33	19,009	83	100	0	0	Type II Slurry Seal	\$9,505	Surface Treatment - Slurry Seal	6/1/18
2025-27	168	1	LA SUEN RD	CALIFIA DR	PIKE RD	AAC	E	D	1,000	36	39,176	89	83	0	17	Prev. Maint. - Stop Gap	\$1,959	Surface Treatment - Slurry Seal	6/1/18
2025-27	172	1	LAS BOLSAS ST	TASMAN RD	GRISSOM RD	AAC	E	D	1,830	33	60,223	88	54	46	0	Prev. Maint. - Stop Gap	\$3,011	Overlay - AC Structural	8/1/12
2025-27	324	1	MACKENZIE CT	MACKENZIE ST	SOUTH END	AAC	E	D	85	60	5,045	84	17	83	0	Type II Slurry Seal	\$2,523	Surface Treatment - Slurry Seal	6/1/18
2025-27	189	1	MACKENZIE ST	LA PAZ RD	KNOTTY PINE RD	AAC	E	D	888	33	30,465	89	88	0	12	Prev. Maint. - Stop Gap	\$1,523	Overlay - AC Fabric	8/1/14
2025-27	189	2	MACKENZIE ST	KNOTTY PINE RD	LA PAZ RD	AAC	E	D	919	37	31,724	90	82	18	0	Prev. Maint. - Stop Gap	\$1,586	Overlay - AC Fabric	8/1/14
2025-27	189	3	MACKENZIE ST	PIKE RD	CALIFIA DR	AAC	E	D	988	37	35,635	89	87	0	13	Prev. Maint. - Stop Gap	\$1,782	Surface Treatment - Slurry Seal	6/1/18
2025-27	189	4	MACKENZIE ST	CALIFIA DR	COUTEAU DR	AAC	E	D	1,542	37	54,141	88	98	2	0	Prev. Maint. - Stop Gap	\$2,707	Surface Treatment - Slurry Seal	6/1/18
2025-27	190	1	MADEIRA DR	PADUA DR	SOUTH END	AAC	E	D	290	33	12,919	82	53	47	0	Type II Slurry Seal	\$6,460	Surface Treatment - Slurry Seal	6/1/18
2025-27	197	1	MAWSON DR	WILKES PL	VELASQUEZ RD	AAC	E	D	911	33	29,519	94	89	0	11	Prev. Maint. - Stop Gap	\$1,476	Overlay - AC Fabric	8/1/14
2025-27	197	2	MAWSON DR	VELASQUEZ RD	LAS BOLSAS ST	AAC	E	D	1,063	33	33,399	93	93	0	7	Prev. Maint. - Stop Gap	\$1,670	Overlay - AC Fabric	8/1/14
2025-27	198	1	McINTYRE ST	PIKE RD	LA PAZ RD	AAC	E	D	120	33	4,419	89	53	47	0	Prev. Maint. - Stop Gap	\$221	Surface Treatment - Slurry Seal	6/1/18
2025-27	198	2	McINTYRE ST	LA PAZ RD	EVERGREEN RD	AAC	E	D	1,500	37	54,783	93	68	32	0	Prev. Maint. - Stop Gap	\$2,739	Overlay - AC Structural	8/1/12
2025-27	207	1	MODOC DR	PADUA DR	SOUTH END	AAC	E	D	475	37	19,389	88	76	0	24	Prev. Maint. - Stop Gap	\$969	Surface Treatment - Slurry Seal	6/1/18
2025-27	216	1	NORTHUP DR	VELASQUEZ RD	LAS BOLSAS ST	AAC	E	D	1,400	33	46,888	90	100	0	0	Prev. Maint. - Stop Gap	\$2,344	Overlay - AC Fabric	8/1/14
2025-27	219	1	OAK LEAF RD	SPRUCE LN	EVERGREEN RD	AAC	E	D	860	37	33,484	77	37	63	0	Type II Slurry Seal	\$16,742	Surface Treatment - Slurry Seal	6/1/18
2025-27	220	1	ORELLANO WY	PIKE RD	NORTH END	AAC	E	D	870	36	27,834	86	93	0	7	Prev. Maint. - Stop Gap	\$1,392	Overlay - AC Fabric	8/1/14
2025-27	220	2	ORELLANO WY	ORELLANO WY	END	AAC	E	D	105	33	5,745	89	95	0	5	Prev. Maint. - Stop Gap	\$287	Overlay - AC Structural	7/1/14
2025-27	222	1	OVERLAND DR	CAJON DR	WEST END	AAC	E	D	570	36	20,437	90	100	0	0	Prev. Maint. - Stop Gap	\$1,022	Surface Treatment - Slurry Seal	6/1/18
2025-27	224	1	PADUA DR	LA SUEN RD	MACKENZIE ST	AAC	E	D	885	36	31,702	88	60	40	0	Prev. Maint. - Stop Gap	\$1,585	Surface Treatment - Slurry Seal	6/1/18
2025-27	227	1	PASEO DE ALICIA	ALICIA PKWY	EAST END	AAC	E	D	260	60	15,172	85	47	42	11	Type II Slurry Seal	\$7,586	Overlay - AC Structural	8/1/12
2025-27	233	1	PIKE RD	LA SUEN RD	MACKENZIE ST	AAC	E	D	962	33	32,366	85	49	48	3	Type II Slurry Seal	\$16,183	Surface Treatment - Slurry Seal	6/1/18
2025-27	233	2	PIKE RD	MACKENZIE ST	GRISSOM RD	AAC	E	D	1,157	33	37,217	87	39	53	8	Prev. Maint. - Stop Gap	\$1,861	Overlay - AC Structural	8/1/12
2025-27	234	1	PINE NUT RD	TREE TOP RD	PASEO DE VALENCIA	AAC	E	D	120	37	5,110	94	89	0	11	Prev. Maint. - Stop Gap	\$256	Overlay - AC Structural	8/1/12
2025-27	236	1	PINEWOOD LN	WEST END	OAK LEAF RD	AAC	E	D	235	33	10,244	81	47	38	15	Type II Slurry Seal	\$5,122	Surface Treatment - Slurry Seal	6/1/18
2025-27	243	1	PRESIDO DR	EL DORADO DR	CALIFIA DR	AAC	E	D	490	36	18,476	87	50	50	0	Prev. Maint. - Stop Gap	\$924	Surface Treatment - Slurry Seal	6/1/18
2025-27	250	1	RICKENBACKER RD	PIKE RD	LA PAZ RD	AAC	E	D	135	33	4,867	86	45	55	0	Prev. Maint. - Stop Gap	\$243	Surface Treatment - Slurry Seal	6/1/18
2025-27	285	1	SPRUCE LN	WEST END	OAK LEAF RD	AAC	E	D	330	42	13,199	81	58	42	0	Type II Slurry Seal	\$6,600	Surface Treatment - Slurry Seal	6/1/18
2025-27	287	1	STAGE COACH DR	MACKENZIE ST	EL DORADO DR	AAC	E	D	625	37	24,100	85	57	40	3	Type II Slurry Seal	\$12,050	Surface Treatment - Slurry Seal	6/1/18
2025-27	297	1	SUTTER DR	EL DORADO DR	WEST END	AAC	E	D	600	36	22,524	83	37	63	0	Type II Slurry Seal	\$11,262	Surface Treatment - Slurry Seal	6/1/18
2025-27	298	1	SYCAMORE LN	McINTYRE ST	WEST END	AAC	E	D	110	27	2,739	87	91	0	9	Prev. Maint. - Stop Gap	\$137	Surface Treatment - Slurry Seal	6/1/18
2025-27	301	1	TASMAN RD	ERICSON WY	VELASQUEZ RD	AAC	E	D	985	33	31,308	88	94	0	6	Prev. Maint. - Stop Gap	\$1,565	Overlay - AC Fabric	8/1/14
2025-27	310	1	TREE TOP RD	FIR LN	EAST END	AAC	E	D	930	37	35,023	90	55	21	24	Prev. Maint. - Stop Gap	\$1,751	Overlay - AC Structural	8/1/12
2025-27	312	1	VALERIE ST	BENTLEY LN	COSTEAU DR	AAC	E	D	225	36	8,627	81	36	64	0	Type II Slurry Seal	\$4,314	Overlay - AC Structural	7/1/11
2025-27	313	1	VELASQUEZ RD	TASMAN RD	NORTHUP DR	AAC	E	D	610	33	20,363	89	97	0	3	Prev. Maint. - Stop Gap	\$1,018	Overlay - AC Fabric	8/1/14
2025-27	313	2	VELASQUEZ RD	MAWSON DR	EARHART	AAC	E	D	288	33	9,661	77	80	20	0	Type II Slurry Seal	\$4,831	Patching - AC Deep	8/1/14

City of Laguna Hills, CA
Forecast Maintenance / Rehabilitation (FMR) Report - FY 2024-2031

Sorted by Rank, FY, Name Order (A-Z)

FY	Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Maint. Type	Total \$	Last Work Type	Last Work Date
2025-27	313	3	VELASQUEZ RD	GRISSOM RD	PASEO DE VALENCIA	AAC	E	D	145	33	5,469	79	63	31	6	Type II Slurry Seal	\$2,735	Patching - AC Deep	8/1/14
2025-27	313	4	VELASQUEZ RD	TASMAN RD	COSTEAU DR	AAC	E	D	260	33	8,983	94	100	0	0	Prev. Maint. - Stop Gap	\$449	Overlay - AC Fabric	8/1/14
2025-27	313	5	VELASQUEZ RD	EARHART	NORTHUP	AAC	E	D	276	33	9,411	79	73	21	6	Type II Slurry Seal	\$4,706	Patching - AC Deep	8/1/14
2025-27	317	1	VESPUCCI RD	CHAMPLAIN RD	DE SALLE ST	AAC	E	D	160	33	6,456	92	96	0	4	Prev. Maint. - Stop Gap	\$323	Overlay - AC Structural	8/1/12
2025-27	317	2	VESPUCCI RD	LAS BOLSAZ ST	VELASQUEZ RD	AAC	E	D	1,055	33	34,292	92	84	0	16	Prev. Maint. - Stop Gap	\$1,715	Overlay - AC Fabric	8/1/14
2025-27	325	1	WELLS FARGO DR	CAJON DR	MACKENZIE ST	AAC	E	D	625	37	23,911	87	50	50	0	Prev. Maint. - Stop Gap	\$1,196	Surface Treatment - Slurry Seal	6/1/18
2025-27	328	1	WHITE ALDER LN	MCINTYRE ST	OAK LEAF RD	AAC	E	D	435	37	16,224	83	80	0	20	Type II Slurry Seal	\$8,112	Surface Treatment - Slurry Seal	6/1/18
2025-27	331	2	WILKES PL	GRISSOM RD	ALICIA PKWY	AAC	E	D	1,125	33	37,401	94	100	0	0	Prev. Maint. - Stop Gap	\$1,870	Overlay - AC Fabric	8/1/14
\$456,868																			
2027-29	345	1	ANVIL CIR	FARRIER CIR	NORTH END	AAC	E	B	707	33	28,842	95	100	0	0	Prev. Maint. - Stop Gap	\$1,731	Surface Treatment - Slurry Seal	11/1/21
2027-29	52	1	APPALOOSA PL	MUSTANG DR N CNR	LA PAZ RD S CNR	AAC	E	B	240	35	9,839	89	24	76	0	Type II Slurry Seal	\$5,411	Surface Treatment - Slurry Seal	11/1/21
2027-29	67	1	BOOTSTRAP PL	GALLUP CIR	WEST END	AAC	E	B	175	44	8,026	91	100	0	0	Type II Slurry Seal	\$4,414	Surface Treatment - Slurry Seal	11/1/21
2027-29	69	1	BRIDLEWOOD DR	FLINTLOCK LN	NELLIE GAIL RD	AAC	E	B	490	39	17,957	95	100	0	0	Prev. Maint. - Stop Gap	\$1,077	Surface Treatment - Slurry Seal	11/1/21
2027-29	69	3	BRIDLEWOOD DR	OSO PKWY	SADDLE ROCK PL	AAC	E	B	220	36	8,796	99	100	0	0	Prev. Maint. - Stop Gap	\$528	Surface Treatment - Slurry Seal	11/1/21
2027-29	69	5	BRIDLEWOOD DR	SADDLE ROCK PL	FLINTLOCK LN	AAC	E	B	755	41	27,758	95	100	0	0	Prev. Maint. - Stop Gap	\$1,665	Surface Treatment - Slurry Seal	11/1/21
2027-29	70	1	BROKEN BIT LN	BUCKSKIN DR	SOUTH END	AAC	E	B	785	36	29,498	89	80	20	0	Type II Slurry Seal	\$16,224	Surface Treatment - Slurry Seal	11/1/21
2027-29	71	1	BUCKBOARD LN	BUCKSKIN DR	STENSON PL	AAC	E	B	1,217	39	45,760	75	73	27	0	Type II Slurry Seal	\$25,168	Surface Treatment - Slurry Seal	11/1/21
2027-29	71	2	BUCKBOARD LN	STENSON PL	NELLIE GAIL RD	AAC	E	B	1,691	39	62,796	80	55	43	2	Type II Slurry Seal	\$34,538	Overlay - AC Structural	7/1/11
2027-29	72	1	BUCKLESTONE CT	NELLIE GAIL RD	NORTH END	AAC	E	B	350	39	14,001	93	100	0	0	Prev. Maint. - Stop Gap	\$840	Surface Treatment - Slurry Seal	11/1/21
2027-29	73	1	BUCKSKIN DR	NELLIE GAIL RD	SILVER SADDLE LN	AAC	E	B	1,329	39	49,275	100	0	0	0	Prev. Maint. - Stop Gap	\$2,957	Overlay - AC Structural	11/1/21
2027-29	73	2	BUCKSKIN DR	SILVER SADDLE LN	MUSTANG DR	AAC	E	B	904	39	33,689	100	0	0	0	Prev. Maint. - Stop Gap	\$2,021	Overlay - AC Structural	11/1/21
2027-29	73	3	BUCKSKIN DR	MUSTANG DR	BUCKBOARD LN	AAC	E	B	1,001	39	38,062	100	0	0	0	Prev. Maint. - Stop Gap	\$2,284	Overlay - AC Structural	11/1/21
2027-29	87	1	CHAPARRAL PL	NELLIE GAIL RD	SOUTH END	AAC	E	B	155	46	8,681	93	100	0	0	Prev. Maint. - Stop Gap	\$521	Surface Treatment - Slurry Seal	11/1/21
2027-29	102	1	DAPPLE GREY DR	NELLIE GAIL DR S CNR	WILD VIEW TER	AAC	E	B	667	34	21,927	91	100	0	0	Type II Slurry Seal	\$12,060	Surface Treatment - Slurry Seal	11/1/21
2027-29	102	2	DAPPLE GREY DR	WILD VIEW TER	NELLIE GAIL RD	AAC	E	B	1,624	34	54,591	92	100	0	0	Prev. Maint. - Stop Gap	\$3,275	Overlay - AC Structural	7/1/11
2027-29	109	1	DESERT TRAIL	NELLIE GAIL DR	SOUTH END	AAC	E	B	525	37	19,628	97	100	0	0	Prev. Maint. - Stop Gap	\$1,178	Surface Treatment - Slurry Seal	11/1/21
2027-29	344	1	FARRIER CIR	MUSTANG DR	NORTH END	AAC	E	B	571	33	22,482	98	100	0	0	Prev. Maint. - Stop Gap	\$1,349	Surface Treatment - Slurry Seal	11/1/21
2027-29	134	1	FLINTLOCK LN	BRIDLEWOOD DR	NORTH END	AAC	E	B	1,015	36	35,808	91	100	0	0	Type II Slurry Seal	\$19,694	Surface Treatment - Slurry Seal	11/1/21
2027-29	136	1	GALLUP CIR	LA PAZ RD	RANGEWOOD RD	AAC	E	B	1,908	39	70,021	95	100	0	0	Prev. Maint. - Stop Gap	\$4,201	Surface Treatment - Slurry Seal	11/1/21
2027-29	136	2	GALLUP CIR	RANGEWOOD RD	NELLIE GAIL RD	AAC	E	B	1,034	37	38,328	95	100	0	0	Prev. Maint. - Stop Gap	\$2,300	Surface Treatment - Slurry Seal	11/1/21
2027-29	139	1	GLEN CANYON DR	NELLIE GAIL RD	SOUTH END	AAC	E	B	1,985	38	70,050	91	100	0	0	Type II Slurry Seal	\$38,528	Surface Treatment - Slurry Seal	11/1/21
2027-29	139	2	GLEN CANYON DR	BRIDLEWOOD DR	END	AAC	E	B	146	33	7,105	95	100	0	0	Prev. Maint. - Stop Gap	\$426	Surface Treatment - Slurry Seal	11/1/21
2027-29	149	1	HIGHPLAINS TER	GLEN CANYON DR	EAST END	AAC	E	B	515	37	19,710	93	100	0	0	Prev. Maint. - Stop Gap	\$1,183	Surface Treatment - Slurry Seal	11/1/21
2027-29	152	1	HITCHING RAIL RD	PRAIRESTONE DR	NELLIE GAIL RD	AAC	E	B	1,150	39	44,158	96	100	0	0	Prev. Maint. - Stop Gap	\$2,649	Overlay - AC Structural	7/1/11
2027-29	152	2	HITCHING RAIL RD	CABOT RD	TOMBSTONE RD	AAC	E	B	430	39	15,589	98	100	0	0	Prev. Maint. - Stop Gap	\$935	Overlay - AC Structural	7/1/07
2027-29	152	3	HITCHING RAIL RD	TOMBSTONE RD	PRAIRESTONE DR	AAC	E	B	1,410	39	59,753	95	100	0	0	Prev. Maint. - Stop Gap	\$3,585	Overlay - AC Structural	7/1/11
2027-29	343	1	HORSESHOE CIR	RED CORRAL RD	SOUTH END	AAC	E	B	396	33	16,167	98	100	0	0	Prev. Maint. - Stop Gap	\$970	Surface Treatment - Slurry Seal	11/1/21
2027-29	154	1	HOUSTON TRAIL	NELLIE GAIL RD	SOUTH END	AAC	E	B	860	36	31,566	98	100	0	0	Prev. Maint. - Stop Gap	\$1,894	Surface Treatment - Slurry Seal	11/1/21
2027-29	212	1	MT DIABLO RD	GLEN CANYON DR	SOUTH END	AAC	E	B	1,300	36	46,307	89	76	24	0	Type II Slurry Seal	\$25,469	Surface Treatment - Slurry Seal	11/1/21
2027-29	213	1	MUSTANG DR	NELLIE GAIL RD	FARRIER	AAC	E	B	648	39	23,933	92	100	0	0	Prev. Maint. - Stop Gap	\$1,436	Overlay - AC Structural	7/1/11
2027-29	213	2	MUSTANG DR	FARRIER	APPALOOSA PL	AAC	E	B	1,372	39	51,031	92	100	0	0	Prev. Maint. - Stop Gap	\$3,062	Surface Treatment - Slurry Seal	11/1/21
2027-29	213	3	MUSTANG DR	APPALOOSA PL	BUCKSKIN DR	AAC	E	B	1,417	39	53,199	94	100	0	0	Prev. Maint. - Stop Gap	\$3,192	Surface Treatment - Slurry Seal	11/1/21
2027-29	25	1	NELLIE GAIL RD	OSO PKWY	DAPPLE GREY DR	AAC	E	B	468	24	17,591	96	54	0	46	Prev. Maint. - Stop Gap	\$1,055	Crack Sealing - AC	2/12/08
2027-29	25	18	NELLIE GAIL RD	SHERIFF RD	PRAIRESTONE DR	AAC	E	B	704	38	25,935	96	100	0	0	Prev. Maint. - Stop Gap	\$1,556	Surface Treatment - Slurry Seal	11/1/21
2027-29	25	19	NELLIE GAIL RD	BUCKLESTONE CT	SHERIFF RD	AAC	E	B	849	38	31,480	96	100	0	0	Prev. Maint. - Stop Gap	\$1,889	Surface Treatment - Slurry Seal	11/1/21
2027-29	25	2	NELLIE GAIL RD	DAPPLE GREY DR	BUCKBOARD LN	AAC	E	B	470	38	18,795	93	75	0	25	Prev. Maint. - Stop Gap	\$1,128	Crack Sealing - AC	2/12/08
2027-29	25	20	NELLIE GAIL RD	BUCKLESTONE CT	CABOT RD	AAC	E	B	758	38	29,011	97	100	0	0	Prev. Maint. - Stop Gap	\$1,741	Surface Treatment - Slurry Seal	11/1/21
2027-29	25	21	NELLIE GAIL RD	NELLIE GAIL RD	RED CORRAL	AAC	E	B	665	38	24,728	96	100	0	0	Prev. Maint. - Stop Gap	\$1,484	Surface Treatment - Slurry Seal	11/1/21
2027-29	25	3	NELLIE GAIL RD	BUCKBOARD LN	CHAPARRAL PL	AAC	E	B	1,284	38	47,504	97	100	0	0	Prev. Maint. - Stop Gap	\$2,850	Crack Sealing - AC	2/12/08
2027-29	25	4	NELLIE GAIL RD	CHAPARRAL PL	HOUSTON TR	AAC	E	B	593	38	22,731	95	100	0	0	Prev. Maint. - Stop Gap	\$1,364	Crack Sealing - AC	2/12/08
2027-29	25	5	NELLIE GAIL RD	PRAIRESTONE DR	GLEN CANYON DR	AAC	E	B	714	38	27,037	96	100	0	0	Prev. Maint. - Stop Gap	\$1,622	Surface Treatment - Slurry Seal	11/1/21
2027-29	25	6	NELLIE GAIL RD	RED CORRAL RD	GALLUP CIR	AAC	E	B	854	38	30,993	97	100	0	0	Prev. Maint. - Stop Gap	\$1,860	Surface Treatment - Slurry Seal	11/1/21
2027-29	25	7	NELLIE GAIL RD	GLEN CANYON DR	GALLUP CIR	AAC	E	B	575	38	22,910	98	100	0	0	Prev. Maint. - Stop Gap	\$1,375	Surface Treatment - Slurry Seal	11/1/21
2027-29	25	8	NELLIE GAIL RD	HOUSTON TR	MUSTANG DR	AAC	E	B	492	38	17,973	96	100	0	0	Prev. Maint. - Stop Gap	\$1,078	Crack Sealing - AC	2/12/08
2027-29	25	9	NELLIE GAIL RD	MUSTANG DR	BRIDLEWOOD DR	AAC	E	B	409	38	15,544	95	54	46	0	Prev. Maint. - Stop Gap	\$933	Crack Sealing - AC	2/12/08
2027-29	221	1	OROVILLE PL	MT DIABLO RD	SOUTH END	AAC	E	B	605	37	24,466	93	66	34	0	Prev. Maint. - Stop Gap	\$1,468	Surface Treatment - Slurry Seal	11/1/21
2027-29	230	1	PECOS RD	HITCHING RAIL RD	WEST END	AAC	E	B	1,220	36	43,924	92	100	0	0	Prev. Maint. - Stop Gap	\$2,635	Surface Treatment - Slurry Seal	11/1/21
2027-29	240	1	POKER FLATS PL	NELLIE GAIL RD	NORTH END	AAC	E	B	310	40	12,786	98	100	0	0	Prev. Maint. - Stop Gap	\$767	Surface Treatment - Slurry Seal	11/1/21
2027-29	242	1	PRAIRESTONE DR	NELLIE GAIL RD	HITCHING RAIL RD	AAC	E	B	1,525	39	53,006	92	100	0	0	Prev. Maint. - Stop Gap	\$3,180	Surface Treatment - Slurry Seal	11/1/21
2027-29	245	1	RANGEWOOD RD	GALLUP CIR	EAST END	AAC	E	B	1,290	36	46,135	94	100	0	0	Prev. Maint. - Stop Gap	\$2,768	Overlay - AC Structural	7/1/11
2027-29	247	1	RED CORRAL RD	NELLIE GAIL RD	HORSE														

City of Laguna Hills, CA
Forecast Maintenance / Rehabilitation (FMR) Report - FY 2024-2031

Sorted by Rank, FY, Name Order (A-Z)

FY	Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Maint. Type	Total \$	Last Work Type	Last Work Date
2027-29	330	1	WILD VIEW TER	DAPPLE GREY DR	SOUTH END	AAC	E	B	410	38	16,974	92	100	0	0	Prev. Maint. - Stop Gap	\$1,018	Surface Treatment - Slurry Seal	11/1/21
																	\$314,297		
2027-29	42	1	ADAMO	SORESINA	END	AC	E	F	308	35	16,544	91	100	0	0	Type II Slurry Seal	\$9,099	Surface Treatment - Slurry Seal	11/1/21
2027-29	43	1	ALCALDE DR	VERDUGO DR	PERALTA DR	AAC	E	F	1,560	43	64,688	92	100	0	0	Prev. Maint. - Stop Gap	\$3,881	Surface Treatment - Slurry Seal	11/1/21
2027-29	50	1	ANCONA	TREVISO	END	AAC	E	F	306	35	18,073	93	100	0	0	Prev. Maint. - Stop Gap	\$1,084	Surface Treatment - Slurry Seal	11/1/21
2027-29	56	1	BARBERA	SANTA VITTORIA	MARSALA	AAC	E	F	303	39	9,707	90	100	0	0	Type II Slurry Seal	\$5,339	Surface Treatment - Slurry Seal	11/1/21
2027-29	56	2	BARBERA	MARSALA	PESARO	AAC	E	F	1,179	39	42,953	90	100	0	0	Type II Slurry Seal	\$23,426	Surface Treatment - Slurry Seal	11/1/21
2027-29	63	1	BIANCO	MARSALA	END	AAC	E	F	348	35	15,781	92	100	0	0	Prev. Maint. - Stop Gap	\$947	Surface Treatment - Slurry Seal	11/1/21
2027-29	84	1	CATANIA	CREMONA	END	AAC	E	F	255	35	10,506	93	100	0	0	Prev. Maint. - Stop Gap	\$630	Surface Treatment - Slurry Seal	11/1/21
2027-29	93	1	COLONNA	SORESINA	PESARO	AAC	E	F	570	35	19,350	90	73	27	0	Type II Slurry Seal	\$10,643	Surface Treatment - Slurry Seal	11/1/21
2027-29	9	1	COMMERCE CENTER DR	AVE DE LA CARLOTA	END	AAC	E	F	983	46	42,461	94	100	0	0	Prev. Maint. - Stop Gap	\$2,548	Surface Treatment - Slurry Seal	11/1/21
2027-29	100	1	CREMONA	TARANTO	END	AAC	E	F	319	35	13,106	93	100	0	0	Prev. Maint. - Stop Gap	\$786	Surface Treatment - Slurry Seal	11/1/21
2027-29	104	1	DEL LAGO DR	ALCALDE DR	LA CADENA DR	AAC	E	F	1,160	44	47,409	92	100	0	0	Prev. Maint. - Stop Gap	\$2,845	Surface Treatment - Slurry Seal	11/1/21
2027-29	104	2	DEL LAGO DR	LA CADENA DR	LAKE FOREST DR	AAC	E	F	870	64	53,578	91	100	0	0	Type II Slurry Seal	\$29,468	Surface Treatment - Slurry Seal	11/1/21
2027-29	116	1	EL PACIFICO DR	VERDUGO DR	END	AAC	E	F	235	43	13,362	93	100	0	0	Prev. Maint. - Stop Gap	\$802	Surface Treatment - Slurry Seal	11/1/21
2027-29	116	2	EL PACIFICO DR	MOULTON PKWY	VERDUGO DR	AAC	E	F	300	64	18,126	92	100	0	0	Prev. Maint. - Stop Gap	\$1,088	Surface Treatment - Slurry Seal	11/1/21
2027-29	135	1	FORMELLO	BARBERA	END	AAC	E	F	378	35	15,607	93	100	0	0	Prev. Maint. - Stop Gap	\$936	Surface Treatment - Slurry Seal	11/1/21
2027-29	137	1	GENOVA	PALERMO	END	AAC	E	F	562	35	23,671	92	100	0	0	Prev. Maint. - Stop Gap	\$1,420	Surface Treatment - Slurry Seal	11/1/21
2027-29	143	1	GRAVINO	PESARO	END	AAC	E	F	280	35	12,328	93	100	0	0	Prev. Maint. - Stop Gap	\$740	Surface Treatment - Slurry Seal	11/1/21
2027-29	17	1	LA CADENA DR	PERALTA DR	DEL LAGO DR	AAC	E	F	541	40	22,248	92	100	0	0	Prev. Maint. - Stop Gap	\$1,335	Surface Treatment - Slurry Seal	11/1/21
2027-29	17	2	LA CADENA DR	VERDUGO DR	DEL LAGO DR	AAC	E	F	709	40	29,708	92	100	0	0	Prev. Maint. - Stop Gap	\$1,782	Surface Treatment - Slurry Seal	11/1/21
2027-29	176	1	LIPARI	TERAMO	END	AAC	E	F	368	35	17,337	93	100	0	0	Prev. Maint. - Stop Gap	\$1,040	Surface Treatment - Slurry Seal	11/1/21
2027-29	177	1	LOMBARDI	PASERO	END	AAC	E	F	315	35	13,789	92	44	56	0	Prev. Maint. - Stop Gap	\$827	Surface Treatment - Slurry Seal	11/1/21
2027-29	195	1	MARSALA	BARBERA	END	AAC	E	F	967	39	35,878	93	100	0	0	Prev. Maint. - Stop Gap	\$2,153	Surface Treatment - Slurry Seal	11/1/21
2027-29	202	1	MESSINA	COLONNA	END	AAC	E	F	226	35	9,627	93	100	0	0	Prev. Maint. - Stop Gap	\$578	Surface Treatment - Slurry Seal	11/1/21
2027-29	204	1	MILANO	TARANTO	MONTOVA	AAC	E	F	198	35	7,593	91	100	0	0	Type II Slurry Seal	\$4,176	Surface Treatment - Slurry Seal	11/1/21
2027-29	22	1	MILL CREEK DR	LAKE FOREST DR	NORTH END OF BRIDGE	AAC	E	F	1,064	40	36,606	100	88	0	12	Prev. Maint. - Stop Gap	\$2,196	Overlay - AC Structural	11/1/21
2027-29	22	2	MILL CREEK DR	SOUTH END OF BRIDGE	RIDGE ROUTE DR	AAC	E	F	2,703	40	106,442	100	84	5	11	Prev. Maint. - Stop Gap	\$6,387	Overlay - AC Structural	11/1/21
2027-29	22	2	MILL CREEK DR	SOUTH END OF BRIDGE	RIDGE ROUTE DR	AAC	E	F	2,703	40	106,442	100	84	5	11	Prev. Maint. - Stop Gap	\$6,387	Surface Treatment - Slurry Seal	11/1/21
2027-29	206	1	MODINA	FORMELLO	END	AAC	E	F	296	35	14,059	93	100	0	0	Prev. Maint. - Stop Gap	\$844	Surface Treatment - Slurry Seal	11/1/21
2027-29	209	1	MONTOVA	MILANO	END	AAC	E	F	268	35	11,707	90	100	0	0	Type II Slurry Seal	\$6,439	Surface Treatment - Slurry Seal	11/1/21
2027-29	214	1	NAPOLI	PALERMO	END	AAC	E	F	495	35	18,566	93	100	0	0	Prev. Maint. - Stop Gap	\$1,114	Surface Treatment - Slurry Seal	11/1/21
2027-29	223	1	PADOVA	MARSALA	END	AAC	E	F	268	35	12,620	94	100	0	0	Prev. Maint. - Stop Gap	\$757	Surface Treatment - Slurry Seal	11/1/21
2027-29	226	1	PALERMO	SAN REMO DR	TARANTO	AAC	E	F	964	35	31,074	92	100	0	0	Prev. Maint. - Stop Gap	\$1,864	Surface Treatment - Slurry Seal	11/1/21
2027-29	29	1	PERALTA DR	LA CADENA DR	ALCALDE DR	AAC	E	F	1,346	40	53,502	93	100	0	0	Prev. Maint. - Stop Gap	\$3,210	Surface Treatment - Slurry Seal	11/1/21
2027-29	29	2	PERALTA DR	ALCALDE DR	RIDGE ROUTE DR	AAC	E	F	570	40	20,693	90	100	0	0	Type II Slurry Seal	\$11,381	Surface Treatment - Slurry Seal	11/1/21
2027-29	232	1	PESARO	SAN REMO DR	END	AAC	E	F	850	42	32,684	93	100	0	0	Prev. Maint. - Stop Gap	\$1,961	Surface Treatment - Slurry Seal	11/1/21
2027-29	31	1	PLAZA POINTE DR	AVENIDA DE LA CARLOTA	SOUTH POINTE DR	AAC	E	F	895	35	35,210	95	100	0	0	Prev. Maint. - Stop Gap	\$2,113	Surface Treatment - Slurry Seal	11/1/21
2027-29	251	1	RIMINI	SAN REMO DR	END	AAC	E	F	250	35	10,483	94	100	0	0	Prev. Maint. - Stop Gap	\$629	Surface Treatment - Slurry Seal	11/1/21
2027-29	262	1	SAN DONA	GENOVA	END	AAC	E	F	312	35	14,257	93	100	0	0	Prev. Maint. - Stop Gap	\$855	Surface Treatment - Slurry Seal	11/1/21
2027-29	34	1	SAN REMO DR	TERAMO	SANTA VITTORIA DR.	AAC	E	F	1,100	32	34,543	89	98	2	0	Type II Slurry Seal	\$18,999	Surface Treatment - Slurry Seal	11/1/21
2027-29	34	2	SAN REMO DR	PESARO	TERAMO	AAC	E	F	612	32	19,837	92	100	0	0	Prev. Maint. - Stop Gap	\$1,190	Surface Treatment - Slurry Seal	11/1/21
2027-29	34	3	SAN REMO DR	PALERMO	SANTA MARIA AVE	AC	E	F	539	32	16,095	88	100	0	0	Type II Slurry Seal	\$8,852	Surface Treatment - Slurry Seal	11/1/21
2027-29	34	4	SAN REMO DR	PALERMO	PESARO	AAC	E	F	482	32	15,198	86	100	0	0	Type II Slurry Seal	\$8,359	Surface Treatment - Slurry Seal	11/1/21
2027-29	278	1	SORESINA	TERAMO	ADAMO	AAC	E	F	655	35	21,921	93	100	0	0	Prev. Maint. - Stop Gap	\$1,315	Surface Treatment - Slurry Seal	11/1/21
2027-29	35	1	SOUTH POINTE DR	PLAZA POINTE DR	END	AAC	E	F	487	40	21,196	97	100	0	0	Prev. Maint. - Stop Gap	\$1,272	Surface Treatment - Slurry Seal	11/1/21
2027-29	35	2	SOUTH POINTE DR	PLAZA POINTE DR	PERALTA RD	AAC	E	F	871	40	33,739	95	100	0	0	Prev. Maint. - Stop Gap	\$2,024	Surface Treatment - Slurry Seal	11/1/21
2027-29	300	1	TARANTO	VENISIA	SAN REMO DR	AAC	E	F	902	35	19,565	93	100	0	0	Prev. Maint. - Stop Gap	\$1,174	Surface Treatment - Slurry Seal	11/1/21
2027-29	300	2	TARANTO	TREVISO	VENISIA	AAC	E	F	803	35	27,905	92	100	0	0	Prev. Maint. - Stop Gap	\$1,674	Surface Treatment - Slurry Seal	11/1/21
2027-29	302	1	TERAMO	SAN REMO	MARSALA	AAC	E	F	747	39	27,343	92	100	0	0	Prev. Maint. - Stop Gap	\$1,641	Surface Treatment - Slurry Seal	11/1/21
2027-29	303	1	TERNI	SORESINA	END	AAC	E	F	330	35	12,025	92	100	0	0	Prev. Maint. - Stop Gap	\$722	Surface Treatment - Slurry Seal	11/1/21
2027-29	38	1	TERRA DR	LA CADENA DR	END	AAC	E	F	158	40	8,474	92	100	0	0	Prev. Maint. - Stop Gap	\$508	Surface Treatment - Slurry Seal	11/1/21
2027-29	309	1	TORINO	TARANTO	TORINO	AAC	E	F	252	35	7,054	92	100	0	0	Prev. Maint. - Stop Gap	\$423	Surface Treatment - Slurry Seal	11/1/21
2027-29	309	2	TORINO	WEST END	EAST END	AAC	E	F	298	35	20,018	93	100	0	0	Prev. Maint. - Stop Gap	\$1,201	Surface Treatment - Slurry Seal	11/1/21
2027-29	311	1	TREVISO	NAPOLI	END	AAC	E	F	425	35	10,508	94	100	0	0	Prev. Maint. - Stop Gap	\$630	Surface Treatment - Slurry Seal	11/1/21
2027-29	314	1	VENISIA	TARANTO	END	AAC	E	F	287	35	11,383	94	100	0	0	Prev. Maint. - Stop Gap	\$683	Surface Treatment - Slurry Seal	11/1/21
2027-29	39	1	VERDUGO DR	LA CADENA DR	EL PACIFICO DR	AAC	E	F	587	36	23,434	92	100	0	0	Prev. Maint. - Stop Gap	\$1,406	Surface Treatment - Slurry Seal	11/1/21
2027-29	39	2	VERDUGO DR	ALCALDE DR	EL PACIFICO DR	AAC	E	F	560	36	22,708	93	100	0	0	Prev. Maint. - Stop Gap	\$1,362	Surface Treatment - Slurry Seal	11/1/21
2027-29	316	1	VERONA	TARANTO	END	AAC	E	F	328	35	14,216	95	100	0	0	Prev. Maint. - Stop Gap	\$853	Surface Treatment - Slurry Seal	11/1/21
2027-29	40	1	VISTA GRANDE DR	PERALTA DR	END	AAC	E	F	443	40	19,084	91	98	2	0	Type II Slurry Seal	\$10,496	Surface Treatment - Slurry Seal	11/1/21
																	\$218,495		
2028-30	1	1	ALAMEDA AVE	DEL MONTE ST	ALISO HILLS DR	AAC	E	C	474	38	16,388	88	100	0	0	Type II Slurry Seal	\$9,997	Overlay - AC Structural	7/1/11
2028-30	1	2	ALAMEDA AVE	EL PRADO ST	DEL MONTE ST	AAC	E	C	730	38	27,165	84	60	19	21	Type II Slurry Seal	\$16,571	Overlay - AC Structural	7/1/11
2028-30	1	3	ALAMEDA AVE	EL PRADO ST	ELENA DR	AAC	E	C	637	38	22,561	90	100	0	0	Type II Slurry Seal	\$13,762	Overlay - AC Structural	7/1/11
2028-30	1	4	ALAMEDA AVE	ELENA DR	MONTE ROYALE ST	AAC	E	C	771	38	27,118	76	57	28	15	Type II Slurry Seal	\$16,542	Overlay - AC Structural	7/1/11
2028-30	1	5	ALAMEDA AVE	LA PAZ RD	MONTE ROYALE ST	AAC	E	C	449	38	15,032	79	76	20	4	Type II Slurry Seal	\$9,170	Crack Sealing - AC	7/1/05
2028-30	1	5	ALAMEDA AVE	LA PAZ RD	MONTE ROYALE ST	AAC	E	C	449	38	15,032	79	76	20	4	Type II Slurry Seal	\$9,170	Grinding (Localized)	7/1/05
2028-30	1	5	ALAMEDA AVE	LA PAZ RD	MONTE ROYALE ST	AAC	E	C	449	38	15,032	79	76	20	4	Type II Slurry Seal	\$9,170	Overlay - AC Structural	7/1/05
2028-30	1	5	ALAMEDA AVE	LA PAZ RD	MONTE ROYALE ST	AAC	E	C	449	38	15,032	79	76	20	4	Type II Slurry Seal	\$9,170	Patching - AC Deep	7/1/05
2028-30	44	1	ALISAL AVE	SARITA DR	LINDA VISTA DR	AAC	E	C	970	33	31,319	100	0	0	0	Prev. Maint. - Stop Gap	\$2,192	Overlay - AC Structural	1/1/20
2028-30	44	2	ALISAL AVE	LINDA VISTA DR	PASEO DE VALENCIA	AAC	E	C	120	37	4,532	100	0	0	0	Prev. Maint. - Stop Gap	\$317	Overlay - AC Structural	1/1/20
2028-30	5	1	ALISO HILLS DR	LA CIENEGA ST	SIERRA BONITA DR	AAC	E	C	753	38	27,153	80	63	21	16	Type II Slurry Seal	\$16,563	Grinding (Localized)	7/1/05

City of Laguna Hills, CA
Forecast Maintenance / Rehabilitation (FMR) Report - FY 2024-2031

Sorted by Rank, FY, Name Order (A-Z)

FY	Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Maint. Type	Total \$	Last Work Type	Last Work Date
2028-30	5	1	ALISO HILLS DR	LA CIENEGA ST	SIERRA BONITA DR	AAC	E	C	753	38	27,153	80	63	21	16	Type II Slurry Seal	\$16,563	Overlay - AC Structural	7/1/05
2028-30	5	1	ALISO HILLS DR	LA CIENEGA ST	SIERRA BONITA DR	AAC	E	C	753	38	27,153	80	63	21	16	Type II Slurry Seal	\$16,563	Patching - AC Deep	7/1/05
2028-30	5	2	ALISO HILLS DR	LA PAZ RD	LUNA BONITA DR	AAC	E	C	453	38	15,254	83	88	12	0	Type II Slurry Seal	\$9,305	Crack Sealing - AC	7/1/05
2028-30	5	2	ALISO HILLS DR	LA PAZ RD	LUNA BONITA DR	AAC	E	C	453	38	15,254	83	88	12	0	Type II Slurry Seal	\$9,305	Grinding (Localized)	7/1/05
2028-30	5	2	ALISO HILLS DR	LA PAZ RD	LUNA BONITA DR	AAC	E	C	453	38	15,254	83	88	12	0	Type II Slurry Seal	\$9,305	Overlay - AC Thin	7/1/05
2028-30	5	2	ALISO HILLS DR	LA PAZ RD	LUNA BONITA DR	AAC	E	C	453	38	15,254	83	88	12	0	Type II Slurry Seal	\$9,305	Patching - AC Deep	7/1/05
2028-30	5	3	ALISO HILLS DR	LUNA BONITA DR	LA SERRA ST	AAC	E	C	1,689	38	61,689	78	52	47	1	Type II Slurry Seal	\$37,630	Crack Sealing - AC	7/1/05
2028-30	5	3	ALISO HILLS DR	LUNA BONITA DR	LA SERRA ST	AAC	E	C	1,689	38	61,689	78	52	47	1	Type II Slurry Seal	\$37,630	Grinding (Localized)	7/1/05
2028-30	5	3	ALISO HILLS DR	LUNA BONITA DR	LA SERRA ST	AAC	E	C	1,689	38	61,689	78	52	47	1	Type II Slurry Seal	\$37,630	Overlay - AC Structural	7/1/05
2028-30	5	3	ALISO HILLS DR	LUNA BONITA DR	LA SERRA ST	AAC	E	C	1,689	38	61,689	78	52	47	1	Type II Slurry Seal	\$37,630	Patching - AC Deep	7/1/05
2028-30	5	4	ALISO HILLS DR	LA SERRA ST	MENDOCINO AV	AAC	E	C	763	38	28,071	80	90	10	0	Type II Slurry Seal	\$17,123	Crack Sealing - AC	7/1/05
2028-30	5	4	ALISO HILLS DR	LA SERRA ST	MENDOCINO AV	AAC	E	C	763	38	28,071	80	90	10	0	Type II Slurry Seal	\$17,123	Grinding (Localized)	7/1/05
2028-30	5	4	ALISO HILLS DR	LA SERRA ST	MENDOCINO AV	AAC	E	C	763	38	28,071	80	90	10	0	Type II Slurry Seal	\$17,123	Overlay - AC Structural	7/1/05
2028-30	5	4	ALISO HILLS DR	LA SERRA ST	MENDOCINO AV	AAC	E	C	763	38	28,071	80	90	10	0	Type II Slurry Seal	\$17,123	Patching - AC Deep	7/1/05
2028-30	5	5	ALISO HILLS DR	MENDOCINO AV	LA CIENEGA ST	AAC	E	C	992	38	35,696	83	85	0	15	Type II Slurry Seal	\$21,775	Grinding (Localized)	7/1/05
2028-30	5	5	ALISO HILLS DR	MENDOCINO AV	LA CIENEGA ST	AAC	E	C	992	38	35,696	83	85	0	15	Type II Slurry Seal	\$21,775	Overlay - AC Structural	7/1/05
2028-30	5	5	ALISO HILLS DR	MENDOCINO AV	LA CIENEGA ST	AAC	E	C	992	38	35,696	83	85	0	15	Type II Slurry Seal	\$21,775	Patching - AC Deep	7/1/05
2028-30	5	6	ALISO HILLS DR	ALICIA PKWY	LA CIENEGA ST	AAC	E	C	713	38	23,624	82	58	42	0	Type II Slurry Seal	\$14,411	Grinding (Localized)	7/1/05
2028-30	5	6	ALISO HILLS DR	ALICIA PKWY	LA CIENEGA ST	AAC	E	C	713	38	23,624	82	58	42	0	Type II Slurry Seal	\$14,411	Overlay - AC Thin	7/1/05
2028-30	5	6	ALISO HILLS DR	ALICIA PKWY	LA CIENEGA ST	AAC	E	C	713	38	23,624	82	58	42	0	Type II Slurry Seal	\$14,411	Patching - AC Deep	7/1/05
2028-30	45	1	ALTA LOMA CT	SANTA ROSA AVE	EAST END	AAC	E	C	460	37	18,174	100	0	0	0	Prev. Maint. - Stop Gap	\$1,310	Overlay - AC Fabric	1/1/20
2028-30	46	1	ALTA MIRA DR	ALEMEDA AVE	BUENA VISTA DR	AAC	E	C	400	37	14,174	100	0	0	0	Prev. Maint. - Stop Gap	\$992	Overlay - AC Structural	1/1/20
2028-30	47	1	AMALIA ST	YOLANDA ST	CARMEL ST	AAC	E	C	210	33	6,787	95	100	0	0	Type II Slurry Seal	\$4,140	Surface Treatment - Slurry Seal	11/1/21
2028-30	48	1	ANACAPA ST	SAN PEDRO AVE	EL PRADO ST	AAC	E	C	770	33	24,949	100	0	0	0	Prev. Maint. - Stop Gap	\$1,746	Overlay - AC Structural	1/1/20
2028-30	51	1	ANDREA ST	LUPITA ST	NORTH END	AAC	E	C	272	39	11,390	91	100	0	0	Type II Slurry Seal	\$6,948	Surface Treatment - Slurry Seal	11/1/21
2028-30	51	2	ANDREA ST	LUPITA ST	SOUTH END	AAC	E	C	269	39	11,066	90	100	0	0	Type II Slurry Seal	\$6,750	Surface Treatment - Slurry Seal	11/1/21
2028-30	74	1	BUENA VISTA DR	LOS GATOS DR	NORTH END	AAC	E	C	1,130	38	43,072	100	0	0	0	Prev. Maint. - Stop Gap	\$3,015	Overlay - AC Structural	1/1/20
2028-30	77	1	CALERO AVE	LA MIRADA ST	EL CONEJO LN	AAC	E	C	290	33	10,417	100	0	0	0	Prev. Maint. - Stop Gap	\$729	Overlay - AC Structural	1/1/20
2028-30	82	1	CARMEL ST	SOUTH END	NORTH END	AAC	E	C	865	35	32,519	92	100	0	0	Type II Slurry Seal	\$19,837	Surface Treatment - Slurry Seal	11/1/21
2028-30	98	1	CREEK DR	LINDA VISTA DR	SOUTH END	AAC	E	C	780	35	27,774	100	0	0	0	Prev. Maint. - Stop Gap	\$1,944	Overlay - AC Fabric	1/1/20
2028-30	105	1	DEL MONTE ST	ALAMEDA AVE	LA CUESTA AVE	AAC	E	C	950	37	34,363	100	0	0	0	Prev. Maint. - Stop Gap	\$2,405	Overlay - AC Structural	1/1/20
2028-30	113	1	EL CAPITAN LN	CREEK DR	LARGO DR	AAC	E	C	880	33	30,241	85	82	0	18	Type II Slurry Seal	\$18,447	Overlay - AC Structural	7/1/11
2028-30	114	1	EL CONEJO LN	LINDA VISTA DR	CALERO AVE	AAC	E	C	930	33	29,817	100	0	0	0	Prev. Maint. - Stop Gap	\$2,087	Overlay - AC Structural	1/1/20
2028-30	117	1	EL PRADO ST	ALAMEDA AVE	SAN PEDRO AVE	AAC	E	C	810	37	29,382	100	0	0	0	Prev. Maint. - Stop Gap	\$2,057	Overlay - AC Structural	1/1/20
2028-30	118	1	EL SEGUNDO ST	ALISO HILLS DR	NORTH END	AAC	E	C	570	36	21,362	100	0	0	0	Prev. Maint. - Stop Gap	\$1,495	Overlay - AC Structural	1/1/20
2028-30	119	1	ELENA DR	LOS GATOS DR	ALAMEDA AVE	AAC	E	C	535	37	21,634	100	0	0	0	Prev. Maint. - Stop Gap	\$1,514	Overlay - AC Structural	1/1/20
2028-30	122	1	ENCANTO CT	LUNA BONITA DR	SOUTH END	AAC	E	C	280	39	11,487	64	52	48	0	Type II Slurry Seal	\$7,007	New Construction - Initial	1/1/80
2028-30	124	1	ERNESTINE CT	LINDA FLORA ST	NORTH END	AAC	E	C	475	37	17,443	100	0	0	0	Prev. Maint. - Stop Gap	\$1,221	Overlay - AC Structural	1/1/20
2028-30	126	1	EVA ST	LUPITA ST	YOLANDA ST	AAC	E	C	950	33	32,987	95	100	0	0	Type II Slurry Seal	\$20,122	Surface Treatment - Slurry Seal	11/1/21
2028-30	142	1	GORDON RD	MOULTON PKWY	IMPERIAL DR	AAC	E	C	450	37	18,217	100	0	0	0	Prev. Maint. - Stop Gap	\$1,275	Overlay - AC Structural	8/31/21
2028-30	163	1	LA CIENEGA ST	RIO GRANDE AVE	SIERRA BONITA DR	AAC	E	C	1,160	37	39,372	100	0	0	0	Prev. Maint. - Stop Gap	\$2,756	Overlay - AC Structural	1/1/20
2028-30	163	2	LA CIENEGA ST	ALISO HILLS DR	LA CIENEGA ST	AAC	E	C	130	37	4,993	100	0	0	0	Prev. Maint. - Stop Gap	\$350	Overlay - AC Structural	1/1/20
2028-30	164	1	LA CUESTA AVE	TERRA BELLA AVE	SAUSALITO ST	AAC	E	C	1,350	33	45,043	100	0	0	0	Prev. Maint. - Stop Gap	\$3,153	Overlay - AC Fabric	1/1/20
2028-30	165	1	LA HABRA CT	SARITA DR	EAST END	AAC	E	C	330	33	12,657	100	0	0	0	Prev. Maint. - Stop Gap	\$886	Overlay - AC Fabric	1/1/20
2028-30	166	1	LA MIRADA ST	ALISAL LN	LINDA VISTA DR	AAC	E	C	1,375	33	44,926	100	0	0	0	Prev. Maint. - Stop Gap	\$3,145	Overlay - AC Structural	1/1/20
2028-30	167	1	LA SERRA ST	ALISO HILLS DR	NORTH END	AAC	E	C	715	38	26,496	67	44	56	0	Type II Slurry Seal	\$16,163	New Construction - Initial	1/1/80
2028-30	169	1	LARGO DR	WEST END	LINDA VISTA DR	AAC	E	C	1,430	35	50,183	84	51	49	0	Type II Slurry Seal	\$30,612	Overlay - AC Structural	7/1/11
2028-30	170	1	LAS ALTURAS AVE	MANDEVILLE DR	MONTE ROYALE ST	AAC	E	C	1,025	37	33,124	73	34	62	4	Type II Slurry Seal	\$20,206	Overlay - AC Structural	7/1/11
2028-30	171	1	LAS ALTURAS CT	LAS ALTURAS AVE	EAST END	AAC	E	C	170	43	7,714	80	88	10	2	Type II Slurry Seal	\$4,706	Overlay - AC Structural	7/1/11
2028-30	174	1	LINDA FLORA ST	EAST END	EL SEGUNDO ST	AAC	E	C	890	35	32,775	100	0	0	0	Prev. Maint. - Stop Gap	\$2,294	Overlay - AC Structural	1/1/20
2028-30	175	1	LINDA VISTA DR	LARGO DR	ALISAL AVE	AAC	E	C	1,037	37	36,215	81	88	12	0	Type II Slurry Seal	\$22,091	Overlay - AC Structural	7/1/11
2028-30	175	2	LINDA VISTA DR	ALISAL AVE	SARITA DR	AAC	E	C	928	37	33,659	79	91	0	9	Type II Slurry Seal	\$20,532	Overlay - AC Structural	7/1/11
2028-30	180	1	LOS ALAMITOS AVE	MONTE ROYALE ST	MANDEVILLE DR	AAC	E	C	1,215	37	44,918	100	0	0	0	Prev. Maint. - Stop Gap	\$3,144	Overlay - AC Structural	1/1/20
2028-30	181	1	LOS CERROS ST	LA CIENEGA ST	SOUTH END	AAC	E	C	230	33	10,124	100	0	0	0	Prev. Maint. - Stop Gap	\$709	Overlay - AC Fabric	1/1/20
2028-30	182	1	LOS GATOS DR	BUENA VISTA DR	WEST END	AAC	E	C	490	39	19,961	100	0	0	0	Prev. Maint. - Stop Gap	\$1,397	Overlay - AC Structural	1/1/20
2028-30	185	1	LOUISA ST	MOULTON PKWY	WEST END	AAC	E	C	1,225	33	40,779	91	100	0	0	Type II Slurry Seal	\$24,875	Surface Treatment - Slurry Seal	11/1/21
2028-30	186	1	LUNA BONITA DR	LA SERRA ST	ENCANTO CT	AAC	E	C	662	33	21,636	84	97	0	3	Type II Slurry Seal	\$13,198	Overlay - AC Structural	7/1/11
2028-30	186	2	LUNA BONITA DR	ENCANTO CT	ALISO HILLS DR	AAC	E	C	1,549	33	51,367	76	80	16	4	Type II Slurry Seal	\$31,334	Overlay - AC Structural	7/1/11
2028-30	187	1	LUPITA ST	LOUISA ST	EVA ST	AAC	E	C	600	33	19,313	90	78	22	0	Type II Slurry Seal	\$11,781	Surface Treatment - Slurry Seal	11/1/21
2028-30	192	1	MANDEVILLE DR	EAST END	MOULTON PKWY	AAC	E	C	1,685	38	61,758	80	76	8	16	Type II Slurry Seal	\$37,672	Overlay - AC Structural	7/1/11
2028-30	194	1	MARIN CT	EL CAPITAN LN	SOUTH END	AAC	E	C	205	33	8,720	100	0	0	0	Prev. Maint. - Stop Gap	\$610	Overlay - AC Fabric	1/1/20
2028-30	200	1	MENDOCINO AVE	ALISO HILLS DR	MENDOCINO CT	AAC	E	C	130	36	4,250	100	0	0	0	Prev. Maint. - Stop Gap	\$298	Overlay - AC Structural	1/1/20
2028-30	201	1	MENDOCINO CT	WEST END	EAST OF MENDOCINO AVE	AAC	E	C	1,080	37	40,736	100	0	0	0	Prev. Maint. - Stop Gap	\$2,852	Overlay - AC Structural	1/1/20
2028-30	208	1	MONTE ROYALE ST	ALAMEDA AVE	LOS ALAMITOS AVE	AAC	E	C	1,225	37	45,287	79	86	0	14	Type II Slurry Seal	\$27,625	Overlay - AC Structural	7/1/11
2028-30	211	1	MORRO CT	TERRA BELLA AVE	WEST END	AAC	E	C	230	33	9,463	100	0	0	0	Prev. Maint. - Stop Gap	\$662	Overlay - AC Fabric	1/1/20
2028-30	215	1	NATAMA CT	TERRA BELLA AVE	WEST END	AAC	E	C	210	33	8,952	100	0	0	0	Prev. Maint. - Stop Gap	\$627	Overlay - AC Fabric	1/1/20
2028-30	228	1	PATRICIA ST	LUPITA ST	EAST END	AAC	E	C	420	37	15,727	85	100	0	0	Type II Slurry Seal	\$9,593	Surface Treatment - Slurry Seal	11/1/21
2028-30	241	1	PONCE CT	LINDA VISTA DR	SOUTH END	AAC	E	C	205	33	9,101	100	0	0	0	Prev. Maint. - Stop Gap	\$637	Overlay - AC Structural	1/1/20
2028-30	244	1	RAMONA ST	YOLANDA ST	ALICIA PKWY	AAC	E	C	475	31	15,789	92	100	0	0	Type II Slurry Seal	\$9,631	Surface Treatment - Slurry Seal	11/1/21
2028-30	252	1	RIO GRANDE AVE	TALEGA AVE	LA CIENEGA ST	AAC	E	C	880	37	36,441	100	0	0	0	Prev. Maint. - Stop Gap	\$2,551	Overlay - AC Structural	1/1/20
2028-30	258	1	ROSA ST	LUPITA ST	NORTH END	AAC	E	C	560	36	19,984	89	100	0	0	Type II Slurry Seal	\$12,190	Surface Treatment - Slurry Seal	11/1/21
2028-30	263	1	SAN PEDRO AVE	ANACAPA ST	TALEGA AVE	AAC	E	C	625	33	24,255	100	0	0	0	Prev. Maint. - Stop Gap	\$1,698	Overlay - AC Structural	1/1/20

City of Laguna Hills, CA
Forecast Maintenance / Rehabilitation (FMR) Report - FY 2024-2031

Sorted by Rank, FY, Name Order (A-Z)

FY	Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Maint. Type	Total \$	Last Work Type	Last Work Date
2028-30	265	1	SANDIA CT	TERRA BELLA AVE	NORTH END	AAC	E	C	425	37	18,023	100	0	0	0	Prev. Maint. - Stop Gap	\$1,262	Overlay - AC Fabric	1/1/20
2028-30	267	1	SANTA ROSA AVE	MANDEVILLE DR	SUNDANCE AVE	AAC	E	C	690	37	25,787	100	0	0	0	Prev. Maint. - Stop Gap	\$1,805	Overlay - AC Structural	1/1/20
2028-30	270	1	SARITA DR	LINDA VISTA DR	LA HABRA CT	AC	E	C	222	33	10,570	91	98	0	2	Type II Slurry Seal	\$6,448	New Construction - Initial	1/1/80
2028-30	270	2	SARITA DR	LA HABRA CT	ALISAL LN	AAC	E	C	445	33	13,947	100	0	0	0	Prev. Maint. - Stop Gap	\$976	Overlay - AC Structural	1/1/20
2028-30	271	1	SAUSALITO ST	ALAMEDA AVE	EAST END	AAC	E	C	1,325	35	45,077	81	91	0	9	Type II Slurry Seal	\$27,497	Overlay - AC Fabric	1/1/20
2028-30	275	1	SIERRA BONITA DR	LA CIENEGA ST	ALISO HILLS DR	AAC	E	C	140	42	8,516	100	0	0	0	Prev. Maint. - Stop Gap	\$596	Overlay - AC Structural	1/1/20
2028-30	277	1	SOLANO CT	ALAMEDA AVE	EAST END	AAC	E	C	245	40	10,152	100	0	0	0	Prev. Maint. - Stop Gap	\$711	Overlay - AC Structural	1/1/20
2028-30	293	1	SUNBURST AVE	PASEO DE VALENCIA	LARGO DR	AAC	E	C	120	37	4,222	100	0	0	0	Prev. Maint. - Stop Gap	\$296	Overlay - AC Structural	1/1/20
2028-30	294	1	SUNDANCE AVE	SANTA ROSA AVE	LOS ALAMITOS AVE	AAC	E	C	420	37	16,235	100	0	0	0	Prev. Maint. - Stop Gap	\$1,136	Overlay - AC Structural	1/1/20
2028-30	299	1	TALEGA AVE	SAN PEDRO AVE	ALAMEDA AVE	AAC	E	C	875	37	30,496	100	0	0	0	Prev. Maint. - Stop Gap	\$2,135	Overlay - AC Structural	1/1/20
2028-30	304	1	TERRA BELLA AVE	ALISO HILLS DR	MORRO CT	AAC	E	C	1,204	38	42,065	100	0	0	0	Prev. Maint. - Stop Gap	\$2,945	Overlay - AC Structural	1/1/20
2028-30	304	2	TERRA BELLA AVE	MORRO CT	SOUTH END	AAC	E	C	883	38	33,426	100	0	0	0	Prev. Maint. - Stop Gap	\$2,340	Overlay - AC Structural	1/1/20
2028-30	306	1	TOCALOMA CT	ALAMEDA AVE	EAST END	AAC	E	C	575	29	17,375	100	0	0	0	Prev. Maint. - Stop Gap	\$1,216	Overlay - AC Structural	1/1/20
2028-30	307	1	TOLUCA CT	LINDA FLORA ST	NORTH END	AAC	E	C	410	37	15,449	100	0	0	0	Prev. Maint. - Stop Gap	\$1,081	Overlay - AC Structural	1/1/20
2028-30	339	1	YOLANDA ST	EVA ST	RAMONA ST	AC	E	C	800	33	25,680	88	79	21	0	Type II Slurry Seal	\$15,665	Surface Treatment - Slurry Seal	11/1/21
2028-30	341	1	ZUMAYA CT	WEST END	BUENA VISTA DR	AAC	E	C	470	37	17,010	100	0	0	0	Prev. Maint. - Stop Gap	\$1,191	Overlay - AC Structural	1/1/20
																	\$1,002,858		
2028-30	53	1	ASHLAND DR	KENNINGTON DR	WEYBURN DR	AAC	E	E	1,175	37	43,309	100	0	0	0	Prev. Maint. - Stop Gap	\$3,032	Overlay - AC Structural	1/1/20
2028-30	55	1	AVENIDA AVALON	VIA BALBOA	CHRISTINA	AAC	E	E	210	33	8,692	100	0	0	0	Prev. Maint. - Stop Gap	\$608	Overlay - AC Structural	1/1/20
2028-30	6	15	AVENIDA DE LA CARLOTA	LOS ALISOS BL S CNR	SOUTHINA CT N CNR	AAC	E	E	155	34	5,652	90	100	0	0	Type II Slurry Seal	\$3,448	Overlay - AC Structural	6/1/18
2028-30	61	1	BECKENHAM ST	PASEO DE VALENCIA	ACACIA LN	AAC	E	E	1,063	36	35,267	100	0	0	0	Prev. Maint. - Stop Gap	\$2,469	Overlay - AC Fabric	1/1/20
2028-30	61	2	BECKENHAM ST	ACACIA LN	WILKES PL	AAC	E	E	591	36	18,845	100	0	0	0	Prev. Maint. - Stop Gap	\$1,319	Overlay - AC Fabric	1/1/20
2028-30	79	1	CALLE CARMEL	HENDON ST	SOUTH END	AAC	E	E	570	26	16,440	100	0	0	0	Prev. Maint. - Stop Gap	\$1,151	Overlay - AC Structural	1/1/20
2028-30	80	1	CAMBERWELL ST	HON AVE	HENDON ST	AAC	E	E	1,103	37	39,161	84	64	36	0	Type II Slurry Seal	\$23,888	Overlay - AC Structural	7/1/11
2028-30	80	2	CAMBERWELL ST	HENDON	COUSTEU ST	AAC	E	E	607	37	22,917	84	65	35	0	Type II Slurry Seal	\$13,979	Overlay - AC Structural	7/1/11
2028-30	83	1	CAROL LN	JULIE AVE	EAST END	AAC	E	E	430	37	16,227	100	0	0	0	Prev. Maint. - Stop Gap	\$1,136	Overlay - AC Structural	1/1/20
2028-30	90	1	CHRISTINA CT	EAST END	WEST END	AAC	E	E	1,050	36	37,048	81	92	0	8	Type II Slurry Seal	\$22,599	Overlay - AC Structural	6/1/18
2028-30	91	1	CLARINGTON DR	WEYBURN DR	KENNINGTON DR	AAC	E	E	1,265	37	46,953	100	0	0	0	Prev. Maint. - Stop Gap	\$3,287	Overlay - AC Structural	1/1/20
2028-30	95	1	COSTEAU CT	COSTEAU ST	NORTH END	AAC	E	E	110	49	5,199	76	54	46	0	Type II Slurry Seal	\$3,171	Overlay - AC Structural	7/1/11
2028-30	95	2	COSTEAU CT	COSTEAU ST	NORTH END	AAC	E	E	115	48	5,694	78	100	0	0	Type II Slurry Seal	\$3,473	Overlay - AC Structural	7/1/11
2028-30	97	1	COSTEAU ST	ALICIA PKWY	BECKENHAM ST	AAC	E	E	1,650	36	54,739	72	57	0	43	Type II Slurry Seal	\$33,391	Overlay - AC Structural	7/1/11
2028-30	99	1	CREEKVIEW DR	WEST END	CHRISTINA CT	AAC	E	E	1,315	34	45,673	79	100	0	0	Type II Slurry Seal	\$27,861	Overlay - AC Structural	6/1/18
2028-30	101	1	CRESTA CT	CREEKVIEW DR	NORTH END	AAC	E	E	160	33	7,657	86	100	0	0	Type II Slurry Seal	\$4,671	Overlay - AC Structural	6/1/18
2028-30	107	1	DERBY CIR	WILKES PL	WEST END	AAC	E	E	490	37	18,044	88	54	46	0	Type II Slurry Seal	\$11,007	Overlay - AC Structural	7/1/11
2028-30	138	1	GEORGIA SUE DR	JORIE DR	EAST END	AAC	E	E	1,365	37	49,377	77	85	8	7	Type II Slurry Seal	\$30,120	Overlay - AC Structural	7/1/05
2028-30	351	1	HEALTH CENTER DR	PASEO DE VALENCIA	CALLE DE LA LOUISA	AC	E	E	760	20	24,915	88	100	0	0	Type II Slurry Seal	\$15,198	New Construction - Initial	1/1/80
2028-30	351	2	HEALTH CENTER DR	CALLE DE LA LOUISA	PASEO DE VALENCIA	AC	E	E	769	20	24,057	89	59	41	0	Type II Slurry Seal	\$14,675	New Construction - Initial	1/1/80
2028-30	148	1	HENDON ST	COSTEAU ST	CAMBERWELL ST	AAC	E	E	1,255	33	42,452	81	100	0	0	Type II Slurry Seal	\$25,896	Overlay - AC Structural	7/1/05
2028-30	148	2	HENDON ST	CALLE CARMEL	CALLE CARMEL	AAC	E	E	500	37	19,577	100	0	0	0	Prev. Maint. - Stop Gap	\$1,370	Overlay - AC Structural	1/1/20
2028-30	15	1	HON AVE	ALICIA PKWY	CAMBERWELL ST	AAC	E	E	777	27	20,311	82	62	36	2	Type II Slurry Seal	\$12,390	Overlay - AC Structural	7/1/11
2028-30	15	2	HON AVE	CAMBERWELL ST	ALICIA PKWY	AAC	E	E	829	37	22,925	80	40	60	0	Type II Slurry Seal	\$13,984	Overlay - AC Structural	7/1/11
2028-30	15	3	HON AVE	CAMBERWELL ST	GEORGIA SUE	AAC	E	E	1,482	33	57,324	100	0	0	0	Prev. Maint. - Stop Gap	\$4,013	Overlay - AC Structural	1/1/20
2028-30	16	1	INDIAN HILL LN	MOULTON PKWY	ASH CREEK LN	AAC	E	E	662	38	23,777	84	97	0	3	Type II Slurry Seal	\$14,504	Crack Sealing - AC	7/1/05
2028-30	16	1	INDIAN HILL LN	MOULTON PKWY	ASH CREEK LN	AAC	E	E	662	38	23,777	84	97	0	3	Type II Slurry Seal	\$14,504	Grinding (Localized)	7/1/05
2028-30	16	1	INDIAN HILL LN	MOULTON PKWY	ASH CREEK LN	AAC	E	E	662	38	23,777	84	97	0	3	Type II Slurry Seal	\$14,504	Overlay - AC Structural	7/1/05
2028-30	16	1	INDIAN HILL LN	MOULTON PKWY	ASH CREEK LN	AAC	E	E	662	38	23,777	84	97	0	3	Type II Slurry Seal	\$14,504	Patching - AC Deep	7/1/05
2028-30	16	2	INDIAN HILL LN	LAGUNA HILLS DR	OWL HILL LN	AAC	E	E	485	38	16,188	82	55	28	17	Type II Slurry Seal	\$9,875	Crack Sealing - AC	7/1/05
2028-30	16	2	INDIAN HILL LN	LAGUNA HILLS DR	OWL HILL LN	AAC	E	E	485	38	16,188	82	55	28	17	Type II Slurry Seal	\$9,875	Grinding (Localized)	7/1/05
2028-30	16	2	INDIAN HILL LN	LAGUNA HILLS DR	OWL HILL LN	AAC	E	E	485	38	16,188	82	55	28	17	Type II Slurry Seal	\$9,875	Overlay - AC Structural	7/1/05
2028-30	16	2	INDIAN HILL LN	LAGUNA HILLS DR	OWL HILL LN	AAC	E	E	485	38	16,188	82	55	28	17	Type II Slurry Seal	\$9,875	Patching - AC Deep	7/1/05
2028-30	16	3	INDIAN HILL LN	OWL HILL LN	ASH CREEK LN	AAC	E	E	909	38	33,150	73	79	0	21	Type II Slurry Seal	\$20,222	Crack Sealing - AC	7/1/05
2028-30	16	3	INDIAN HILL LN	OWL HILL LN	ASH CREEK LN	AAC	E	E	909	38	33,150	73	79	0	21	Type II Slurry Seal	\$20,222	Grinding (Localized)	7/1/05
2028-30	16	3	INDIAN HILL LN	OWL HILL LN	ASH CREEK LN	AAC	E	E	909	38	33,150	73	79	0	21	Type II Slurry Seal	\$20,222	Overlay - AC Structural	7/1/05
2028-30	16	3	INDIAN HILL LN	OWL HILL LN	ASH CREEK LN	AAC	E	E	909	38	33,150	73	79	0	21	Type II Slurry Seal	\$20,222	Patching - AC Deep	7/1/05
2028-30	156	1	JORIE DR	WEYBURN DR	GEORGIA SUE	AAC	E	E	490	37	19,881	100	0	0	0	Prev. Maint. - Stop Gap	\$1,392	Overlay - AC Structural	1/1/20
2028-30	157	1	JULIE AVE	HON AVE	SARA LN	AAC	E	E	740	37	26,227	100	0	0	0	Prev. Maint. - Stop Gap	\$1,836	Overlay - AC Structural	1/1/20
2028-30	158	1	KATIE AVE	JULIE AVE	EAST END	AAC	E	E	435	37	16,218	100	0	0	0	Prev. Maint. - Stop Gap	\$1,135	Overlay - AC Structural	1/1/20
2028-30	159	1	KENNINGTON DR	PASEO DE VALENCIA	CLARINGTON DR	AAC	E	E	200	37	7,798	100	0	0	0	Prev. Maint. - Stop Gap	\$546	Overlay - AC Structural	1/1/20
2028-30	160	1	KIM CIR	GEORGIA SUE DR	SOUTH END	AAC	E	E	450	37	16,924	100	0	0	0	Prev. Maint. - Stop Gap	\$1,185	Overlay - AC Structural	1/1/20
2028-30	188	1	LUTON ST	CAMBERWELL ST	EAST END	AAC	E	E	380	38	14,203	100	0	0	0	Prev. Maint. - Stop Gap	\$994	Overlay - AC Structural	1/1/20
2028-30	225	1	PAIGE CIR	GEORGIA SUE DR	SOUTH END	AAC	E	E	675	37	25,189	100	0	0	0	Prev. Maint. - Stop Gap	\$1,763	Overlay - AC Structural	1/1/20
2028-30	253	1	RITTEN HOUSE CIR	ASHLAND DR	NORTH END	AAC	E	E	420	37	15,801	100	0	0	0	Prev. Maint. - Stop Gap	\$1,106	Overlay - AC Structural	1/1/20
2028-30	261	1	SALFORD ST	SOUTHPORT ST	COSTEAU ST	AAC	E	E	950	33	33,748	86	57	40	3	Type II Slurry Seal	\$20,586	Overlay - AC Structural	7/1/11
2028-30	269	1	SARA LN	PAIGE CIR	EAST END	AAC	E	E	650	38	24,235	100	0	0	0	Prev. Maint. - Stop Gap	\$1,696	Overlay - AC Structural	1/1/20
2028-30	272	1	SAVONA	BARBERA	END	AAC	E	E	284	35	14,011	93	100	0	0	Type II Slurry Seal	\$8,907	Surface Treatment - Slurry Seal	11/1/21
2028-30	281	1	SOUTHAMPTON CT	CREEKVIEW DR	NORTH END	AAC	E	E	75	61	4,554	76	100	0	0	Type II Slurry Seal	\$2,778	Overlay - AC Structural	6/1/18
2028-30	282	1	SOUTHPORT CT	SOUTHPORT ST	NORTH END	AAC	E	E	140	45	6,625	91	94	0	6	Type II Slurry Seal	\$4,041	Overlay - AC Structural	7/1/11
2028-30	283	1	SOUTHPORT ST	WOOLWICH ST	EAST END	AAC	E	E	1,570	34	52,832	79	71	28	1	Type II Slurry Seal	\$32,838	Overlay - AC Structural	7/1/11
2028-30	291	1	STOCKPORT ST	WILKES PL	FIRE GATE	AAC	E	E	635	36	23,465	100	0	0	0	Prev. Maint. - Stop Gap	\$1,573	Overlay - AC Fabric	1/1/20
2028-30	291	2	STOCKPORT ST	PASEO DE VALENCIA	FIRE GATE	AAC	E	E	570	35	19,251	100	0	0	0	Prev. Maint. - Stop Gap	\$1,348	Overlay - AC Fabric	1/1/20
2028-30	296	1	SUNSET PL (E & W LOOP)	BECKENHAM ST	SUNSET PL	AAC	E	E	172	34	4,964	100	0	0	0	Prev. Maint. - Stop Gap	\$347	Overlay - AC Structural	1/1/20
2028-30	296	2	SUNSET PL (E & W LOOP)	SUNSET PL	SUNSET PL WEST	AAC	E	E	768	34	26,414	100	0	0	0	Prev. Maint. - Stop Gap	\$1,849	Overlay - AC Structural	1/1/20

City of Laguna Hills, CA
Forecast Maintenance / Rehabilitation (FMR) Report - FY 2024-2031

Sorted by Rank, FY, Name Order (A-Z)

FY	Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Maint. Type	Total \$	Last Work Type	Last Work Date
2028-30	296	3	SUNSET PL (E & W LOOP)	SUNSET PL	SUNSET PL EAST	AAC	E	E	853	34	30,690	100	0	0	0	Prev. Maint. - Stop Gap	\$2,148	Overlay - AC Structural	1/1/20
2028-30	318	1	VIA BALBOA	CALLE CARMEL	END	AAC	E	E	300	33	11,112	100	0	0	0	Prev. Maint. - Stop Gap	\$778	Overlay - AC Structural	1/1/20
2028-30	319	1	VIA LOMAS	MOULTON PKWY	ALICIA PKWY	AC	E	E	2,600	37	95,841	67	49	51	0	Type II Slurry Seal	\$58,463	New Construction - Initial	1/1/80
2028-30	327	1	WEYBURN DR	ASHLAND DR	EAST END	AAC	E	E	770	37	27,632	100	0	0	0	Prev. Maint. - Stop Gap	\$1,934	Overlay - AC Structural	1/1/20
2028-30	331	1	WILKES PL	ALICIA PKWY	NW to FIRE GATE	AAC	E	E	1,560	36	56,464	100	0	0	0	Prev. Maint. - Stop Gap	\$3,952	Overlay - AC Fabric	1/1/20
2028-30	336	1	WOODCREEK DR	SW to CREEKVIEW DR	LOS ALISOS BLVD	AAC	E	E	245	33	8,798	85	85	15	0	Type II Slurry Seal	\$5,367	Overlay - AC Structural	6/1/18
2028-30	337	1	WOOLWICH CT	WOOLWICH ST	WEST END	AAC	E	E	150	45	6,916	83	100	0	0	Type II Slurry Seal	\$4,219	Overlay - AC Structural	7/1/11
2028-30	338	1	WOOLWICH ST	COSTEAU ST	WOOLWICH CT	AAC	E	E	445	33	14,821	82	100	0	0	Type II Slurry Seal	\$9,041	Overlay - AC Structural	7/1/11
2028-30	338	2	WOOLWICH ST	WOOLWICH CT	WILKES PL	AAC	E	E	1,030	32	33,087	92	100	0	0	Type II Slurry Seal	\$20,183	Overlay - AC Structural	7/1/11
2028-30	350	1	YORK CIR	WILKES PL	WEST END	AAC	E	E	605	33	21,669	82	47	51	2	Type II Slurry Seal	\$13,218	Overlay - AC Structural	7/1/11
																	\$661,759		

XII. APPENDIX B – COMPLETE STREET LISTING CURRENT CONDITIONS

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
Arterials / Collectors (MPAH)																	
4	1	ALICIA PKWY	ALISO HILLS DR	MOULTON PKWY	AAC	B	C	1,354	42	67,438	71	49	51	0	12/17/23	Overlay - AC Structural	7/10/17
4	10	ALICIA PKWY	W. CITY LIMITS	LAGUNA CT	AAC	B	C	850	42	35,560	94	100	0	0	12/17/23	Overlay - AC Structural	7/10/17
4	11	ALICIA PKWY	ALISO HILLS DR	VIA LOMAS	AAC	B	E	832	42	36,761	73	38	62	0	12/20/23	Surface Course - AC	7/1/04
4	12	ALICIA PKWY	PASEO DE VALENCIA	VIA LOMAS	AAC	B	E	1,700	42	75,946	68	30	70	0	12/17/23	Surface Course - AC	7/1/04
4	13	ALICIA PKWY	PASEO DE VALENCIA	WILKES PL	AAC	B	E	1,728	42	74,291	70	49	51	0	12/17/23	Surface Course - AC	7/1/04
4	14	ALICIA PKWY	HON AVE	COSTEAU ST	AAC	B	E	911	42	43,886	59	50	50	0	12/17/23	Surface Course - AC	7/1/04
4	15	ALICIA PKWY	COSTEAU ST	WILKES PL	AAC	B	E	1,714	42	73,727	65	36	64	0	12/17/23	Surface Course - AC	7/1/04
4	16	ALICIA PKWY	HON AVE	I-5	AAC	B	E	848	48	40,869	94	81	0	19	12/17/23	Overlay - AC Structural	7/1/04
4	17	ALICIA PKWY	LAGUNA CT	W. CITY LIMITS	AAC	B	C	850	42	37,155	95	100	0	0	12/20/23	Overlay - AC Structural	7/10/17
4	18	ALICIA PKWY	LAGUNA CT	MOULTON PKWY	AAC	B	C	496	42	28,642	78	100	0	0	12/20/23	Overlay - AC Structural	7/10/17
4	2	ALICIA PKWY	MOULTON PKWY	LAGUNA CT	AAC	B	C	496	42	18,492	81	100	0	0	12/20/23	Overlay - AC Structural	7/10/17
4	3	ALICIA PKWY	COSTEAU ST	HON AVE	AAC	B	E	925	42	44,897	72	49	51	0	12/17/23	Surface Course - AC	7/1/04
4	4	ALICIA PKWY	VIA LOMAS	PASEO DE VALENCIA	AAC	B	E	1,720	42	78,369	78	54	32	14	12/20/23	Surface Course - AC	7/1/04
4	5	ALICIA PKWY	VIA LOMAS	ALISO HILLS DR (N)	AAC	B	E	843	42	37,591	70	27	73	0	12/17/23	Surface Course - AC	7/1/04
4	6	ALICIA PKWY	WILKES PL	COSTEAU ST	AAC	B	E	1,744	42	73,253	75	35	59	6	12/17/23	Surface Course - AC	7/1/04
4	7	ALICIA PKWY	WILKES PL	PASEO DE VALENCIA	AAC	B	E	1,722	42	75,786	71	50	48	2	12/17/23	Surface Course - AC	7/1/04
4	8	ALICIA PKWY	I-5	HON AVE	AAC	B	E	793	42	39,807	93	100	0	0	12/17/23	Overlay - AC Structural	7/1/16
4	9	ALICIA PKWY	MOULTON PKWY	ALISO HILLS DR	AAC	B	C	1,362	42	60,819	78	100	0	0	12/20/23	Overlay - AC Structural	7/10/17
6	1	AVENIDA DE LA CARLOTA	EL TORO RD	PVMT CHNGE 650' E/ OAKBROOK VILLAGE	AAC	B	E	3,365	30	84,199	66	55	32	13	1/3/24	Surface Course - AC	7/1/01
6	10	AVENIDA DE LA CARLOTA	PVMT CHNGE 650' E/ OAKBROOK VILLAGE	EL TORO RD	AAC	B	E	3,365	30	97,583	73	58	34	8	1/3/24	Surface Course - AC	7/1/01
6	11	AVENIDA DE LA CARLOTA	RIDGE ROUTE DR	COMMERCE CENTER	AAC	B	F	792	29	23,202	62	65	26	9	12/29/23	Surface Course - AC	7/1/04
6	12	AVENIDA DE LA CARLOTA	PASEO DE VALENCIA	RIDGE ROUTE DR	AAC	B	F	3,049	38	87,210	52	53	40	7	12/29/23	Surface Course - AC	7/1/04
6	13	AVENIDA DE LA CARLOTA	COMMERCE CENTER	PLAZA POINTE DR	AAC	B	F	2,453	29	73,670	65	80	15	5	12/20/23	Surface Course - AC	7/1/04
6	14	AVENIDA DE LA CARLOTA	PLAZA POINTE DR	LAKE FOREST DR	AAC	B	F	585	60	19,070	61	66	29	5	12/28/23	Surface Course - AC	7/1/04
6	2	AVENIDA DE LA CARLOTA	RIDGE ROUTE DR	PASEO DE VALENCIA	AAC	B	F	3,051	38	88,207	57	68	23	9	12/28/23	Surface Course - AC	7/1/04
6	3	AVENIDA DE LA CARLOTA	LAKE FOREST DR	PLAZA POINTE DR	AAC	B	F	689	30	17,519	55	48	37	15	12/28/23	Surface Course - AC	7/1/04
6	4	AVENIDA DE LA CARLOTA	COMMERCE CENTER	RIDGE ROUTE DR	AAC	B	F	794	30	21,860	67	67	5	28	12/28/23	Surface Course - AC	7/1/04
6	5	AVENIDA DE LA CARLOTA	PLAZA POINTE DR	COMMERCE CENTER	AAC	B	F	2,408	30	66,411	64	78	16	6	12/20/23	Surface Course - AC	7/1/04
6	6	AVENIDA DE LA CARLOTA	PVMT CHNGE 650' E/ OAKBROOK VILLAGE	LOS ALISOS BLVD	AAC	B	F	505	40	41,675	77	58	25	17	12/29/23	Surface Course - AC	7/1/01
6	7	AVENIDA DE LA CARLOTA	PASEO DE VALENCIA	EL TORO RD	AAC	B	F	656	40	38,693	68	63	37	0	12/28/23	Overlay - AC Structural	5/29/12
6	8	AVENIDA DE LA CARLOTA	EL TORO RD	PASEO DE VALENCIA	AAC	B	F	642	40	21,371	73	41	47	12	12/28/23	Overlay - AC Structural	5/29/12
6	9	AVENIDA DE LA CARLOTA	LOS ALISOS BLVD	PVMT CHNGE 650' E/ OAKBROOK VILLAGE	AAC	B	E	505	40	44,128	73	100	0	0	12/29/23	Surface Course - AC	7/1/01
8	1	CABOT RD	EL PASEO	PASEO DE VALENCIA	AAC	B	B	2,808	40	86,504	84	82	17	1	12/17/23	Overlay - AC Structural	1/1/09
8	10	CABOT RD	EL PASEO	HITCHING RAIL RD	AAC	B	B	557	40	19,320	82	99	0	1	12/28/23	Overlay - AC Structural	1/1/09
8	11	CABOT RD	RAPID FALLS RD (N)	N. CITY LIMITS	AC	B	A	163	40	4,570	81	100	0	0	12/28/23	New Construction - Initial	1/1/90
8	12	CABOT RD	PASEO DE VALENCIA	LA PAZ RD	AAC	B	D	2,604	32	79,192	76	49	51	0	12/6/23	Overlay - AC Structural	1/1/09
8	13	CABOT RD	N. CITY LIMITS	RAPID FALLS RD	AAC	B	A	174	40	6,089	65	99	0	1	12/28/23	Overlay - AC Structural	7/10/17
8	14	CABOT RD	RAPID FALLS RD	S. CITY LIMITS	AAC	B	A	812	40	35,932	86	82	15	3	12/20/23	Overlay - AC Structural	7/10/17
8	2	CABOT RD	S. CITY LIMITS (N)	RAPID FALLS DR	AAC	B	A	787	40	39,494	84	85	14	1	12/20/23	Overlay - AC Structural	7/10/17
8	3	CABOT RD	OSO PKWY	S. CITY LIMITS	AAC	B	B	830	40	27,104	81	81	13	6	12/20/23	Overlay - AC Structural	7/10/17
8	4	CABOT RD	PASEO DE VALENCIA	EL PASEO	AAC	B	B	2,803	40	87,603	79	71	21	8	12/7/23	Overlay - AC Structural	1/1/09
8	5	CABOT RD	OSO PKWY	HITCHING RAIL RD	AAC	B	B	294	40	6,823	77	83	17	0	12/28/23	Overlay - AC Structural	1/1/09
8	6	CABOT RD	HITCHING RAIL RD	EL PASEO	AAC	B	B	560	40	17,749	80	100	0	0	12/28/23	Overlay - AC Structural	1/1/09
8	7	CABOT RD	LA PAZ RD	PASEO DE VALENCIA	AAC	B	D	2,640	32	76,674	85	68	11	21	12/6/23	Overlay - AC Structural	1/1/09
8	8	CABOT RD	S. CITY LIMITS	OSO PKWY	AAC	B	B	854	40	39,378	83	66	0	34	12/28/23	Overlay - AC Structural	7/10/17
8	9	CABOT RD	HITCHING RAIL RD	OSO PKWY	AAC	B	B	294	40	14,472	84	96	0	4	12/28/23	Overlay - AC Structural	1/1/09
13	1	EL TORO RD	PASEO DE VALENCIA	AVENIDA DE LA CARLOTA	AAC	B	F	1,498	36	68,551	95	100	0	0	12/7/23	Overlay - AC Structural	7/1/07
13	2	EL TORO RD	I-5	AVENIDA DE LA CARLOTA	AAC	B	F	555	54	26,647	95	100	0	0	12/29/23	Surface Course - AC	7/1/01
13	3	EL TORO RD	AVENIDA DE LA CARLOTA	I-5	AAC	B	F	570	63	29,770	94	92	0	8	12/29/23	Surface Course - AC	7/1/01
13	4	EL TORO RD	AVENIDA DE LA CARLOTA	PASEO DE VALENCIA	AAC	B	F	1,412	36	66,012	93	100	0	0	12/7/23	Overlay - AC Structural	7/1/07
14	2	GREENFIELD DR	SR 73 SB ON/OFF RAMPS	SR 73 NB ON/OFF RAMPS	AC	B	A	379	41	15,238	81	79	21	0	12/6/23	Surface Treatment - Slurry Seal	7/1/03
14	3	GREENFIELD DR	SR 73 NB ON/OFF RAMPS	SR 73 SB ON/OFF RAMPS	AC	B	A	387	41	16,696	81	99	0	1	12/6/23	Surface Treatment - Slurry Seal	7/1/03
18	1	LA PAZ RD	MOULTON PKWY	ALAMEDA AVE	AAC	B	C	2,228	40	86,293	69	68	25	7	12/13/23	Overlay - AC Structural	7/1/08
18	10	LA PAZ RD	ALAMEDA AVE	GALLUP CIR	AAC	B	C	3,188	40	125,057	70	78	11	11	12/7/23	Overlay - AC Structural	7/1/08
18	11	LA PAZ RD	ALISO HILLS DR	GALLUP CIR	AAC	B	C	930	40	36,465	65	83	13	4	12/13/23	Overlay - AC Structural	7/1/08
18	12	LA PAZ RD	ALAMEDA AVE	MOULTON PKWY	AAC	B	C	2,180	40	95,681	69	94	5	1	12/13/23	Overlay - AC Structural	7/1/08
18	13	LA PAZ RD	MOULTON PKWY	W. CITY LIMITS	AAC	B	C	840	50	57,142	63	50	48	2	12/20/23	Overlay - AC Structural	7/1/08
18	14	LA PAZ RD	PASEO DE VALENCIA	ALISO HILLS DR	AAC	B	C	2,068	40	80,657	61	62	29	9	12/6/23	Overlay - AC Structural	7/1/08
18	15	LA PAZ RD	MC INTYRE ST	CHAMPLAIN RD	AAC	B	D	1,015	30	33,323	59	38	58	4	12/17/23	Overlay - AC Structural	7/1/08
18	16	LA PAZ RD	I-5	CABOT RD	AAC	B	D	444	31	18,733	83	100	0	0	12/29/23	Surface Course - AC	7/1/00
18	17	LA PAZ RD	CABOT RD	MC INTYRE ST	AAC	B	D	836	30	30,149	56	21	74	5	12/17/23	Overlay - AC Structural	7/1/08

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
18	18	LA PAZ RD	CHAMPLAIN RD	PASEO DE VALENCIA	AAC	B	D	962	30	30,684	66	46	31	23	12/17/23	Overlay - AC Structural	7/1/08
18	2	LA PAZ RD	W. CITY LIMITS	MOULTON PKWY	AAC	B	C	809	50	61,186	68	50	44	6	12/20/23	Overlay - AC Structural	7/1/08
18	3	LA PAZ RD	ALISO HILLS DR	PASEO DE VALENCIA	AAC	B	C	2,062	40	82,478	69	83	12	5	12/13/23	Overlay - AC Structural	7/1/08
18	4	LA PAZ RD	CHAMPLAIN RD	MC INTYRE ST	AAC	B	D	979	30	32,034	71	90	0	10	12/7/23	Overlay - AC Structural	7/1/08
18	5	LA PAZ RD	CABOT RD	I-5	AAC	B	D	458	31	15,462	83	77	12	11	12/29/23	Surface Course - AC	7/1/00
18	6	LA PAZ RD	MC INTYRE ST	CABOT RD	AAC	B	D	877	30	29,067	73	65	35	0	12/17/23	Overlay - AC Structural	7/1/08
18	7	LA PAZ RD	PASEO DE VALENCIA	CHAMPLAIN RD	AAC	B	D	944	30	29,282	70	69	20	11	12/17/23	Overlay - AC Structural	7/1/08
18	8	LA PAZ RD	GALLUP CIR	ALAMEDA AVE	AAC	B	C	3,234	40	129,940	66	67	29	4	12/13/23	Overlay - AC Structural	7/1/08
18	9	LA PAZ RD	GALLUP CIR	ALISO HILLS DR	AAC	B	C	910	40	35,620	74	90	10	0	12/13/23	Overlay - AC Structural	7/1/08
19	1	LAGUNA HILLS DR	INDIAN HILL LN	PASEO DE VALENCIA	AAC	B	E	2,661	33	88,427	84	70	11	19	12/7/23	Overlay - AC Structural	6/1/10
19	3	LAGUNA HILLS DR	MOULTON PKWY	EAST END OF BRIDGE	AAC	B	E	414	33	14,757	74	45	25	30	12/7/23	Overlay - AC Structural	6/1/10
19	4	LAGUNA HILLS DR	EAST END OF BRIDGE	INDIAN HILL LN	AAC	B	E	639	33	23,259	76	90	0	10	12/6/23	Overlay - AC Structural	6/1/10
19	6	LAGUNA HILLS DR	PASEO DE VALENCIA	INDIAN HILL LN	AAC	B	E	2,645	33	86,964	84	87	13	0	12/13/23	Overlay - AC Structural	6/1/10
19	7	LAGUNA HILLS DR	WEST END OF BRIDGE	MOULTON PKWY	AAC	B	E	465	33	20,690	87	86	14	0	12/20/23	Overlay - AC Structural	6/1/10
19	8	LAGUNA HILLS DR	INDIAN HILL LN	EAST END OF BRIDGE	AAC	B	E	613	33	20,968	78	83	9	8	12/6/23	Overlay - AC Structural	6/1/10
20	1	LAKE FOREST DR	W CITY LIMITS	SANTA VITTORIA DR	AAC	B	F	417	42	20,767	70	100	0	0	12/7/23	Surface Course - AC	7/1/00
20	10	LAKE FOREST DR	AVENIDA DE LA CARLOTA	E. CITY LIMITS	AAC	B	F	888	59	41,693	95	100	0	0	12/20/23	Overlay - AC Structural	7/1/16
20	11	LAKE FOREST DR	SANTA VITTORIA DR	MILL CREEK DR	AAC	B	F	1,603	43	69,774	77	100	0	0	12/7/23	Surface Course - AC	7/1/00
20	12	LAKE FOREST DR	TRITON WY	MILL CREEK DR	AAC	B	F	589	38	29,786	72	99	0	1	12/7/23	Surface Course - AC	7/1/00
20	13	LAKE FOREST DR	MOULTON PKWY	TRITON WY	AAC	B	F	843	48	38,443	71	99	0	1	12/7/23	Surface Course - AC	7/1/00
20	14	LAKE FOREST DR	MOULTON PKWY	DEL LAGO DR	AAC	B	F	954	46	50,064	72	99	0	1	12/20/23	Surface Course - AC	7/1/04
20	2	LAKE FOREST DR	AVENIDA DE LA CARLOTA	DEL LAGO DR	AAC	B	F	914	45	56,517	72	43	57	0	12/28/23	Surface Course - AC	7/1/04
20	3	LAKE FOREST DR	E. CITY LIMITS	AVENIDA DE LA CARLOTA	AAC	B	F	818	59	51,899	95	100	0	0	12/20/23	Overlay - AC Structural	7/1/16
20	4	LAKE FOREST DR	MILL CREEK DR	SANTA VITTORIA DR	AAC	B	F	1,603	44	69,474	75	100	0	0	12/7/23	Surface Course - AC	7/1/00
20	5	LAKE FOREST DR	MILL CREEK DR	TRITON WY	AAC	B	F	585	44	23,636	78	100	0	0	12/7/23	Surface Course - AC	7/1/00
20	6	LAKE FOREST DR	TRITON WY	MOULTON PKWY	AAC	B	F	847	40	43,479	76	70	30	0	12/7/23	Surface Course - AC	7/1/00
20	7	LAKE FOREST DR	DEL LAGO DR	MOULTON PKWY	AAC	B	F	949	44	54,524	74	98	0	2	12/20/23	Surface Course - AC	7/1/04
20	8	LAKE FOREST DR	SANTA VITTORIA DR	W CITY LIMITS	AAC	B	F	431	51	18,474	86	85	15	0	12/7/23	Surface Course - AC	7/1/00
20	9	LAKE FOREST DR	DEL LAGO DR	AVENIDA DE LA CARLOTA	AAC	B	F	918	50	44,074	72	100	0	0	12/28/23	Surface Course - AC	7/1/04
21	1	LOS ALISOS BLVD	PASEO DE VALENCIA	AVENIDA DE LA CARLOTA	AAC	B	E	1,457	38	68,991	84	100	0	0	12/13/23	Overlay - AC Structural	7/10/17
21	2	LOS ALISOS BLVD	AVENIDA DE LA CARLOTA	I-5 OVERPASS	AAC	B	E	757	28	27,480	87	100	0	0	12/13/23	Overlay - AC Structural	7/10/17
21	3	LOS ALISOS BLVD	I-5 OVERPASS	AVENIDA DE LA CARLOTA	AAC	B	E	699	28	27,034	88	100	0	0	12/13/23	Overlay - AC Structural	7/10/17
21	4	LOS ALISOS BLVD	AVENIDA DE LA CARLOTA	PASEO DE VALENCIA	AAC	B	E	1,482	40	62,089	85	97	0	3	12/13/23	Overlay - AC Structural	7/10/17
23	1	MOULTON PKWY	INDIAN CIRCLE LN	W. CITY LIMITS	AAC	B	E	674	50	25,585	76	91	9	0	12/20/23	Overlay - AC Structural	4/1/10
23	10	MOULTON PKWY	NORTH END OF BRIDGE	LAGUNA HILLS DR	AAC	B	E	721	42	37,272	69	99	0	1	12/20/23	Overlay - AC Structural	4/1/10
23	12	MOULTON PKWY	EL PACIFICO DR	LAKE FOREST DR	AAC	B	F	1,570	50	73,673	74	82	18	0	12/17/23	Overlay - AC Structural	7/1/06
23	13	MOULTON PKWY	SANTA MARIA AVE	RIDGE ROUTE DR	AAC	B	F	1,357	48	66,799	76	100	0	0	12/20/23	Overlay - AC Structural	7/1/11
23	14	MOULTON PKWY	SR 73	NELLIE GAIL RD	AAC	B	A	335	54	28,004	80	88	0	12	12/28/23	Surface Course - AC	7/1/99
23	15	MOULTON PKWY	NELLIE GAIL RD	OSO PKWY	AAC	B	A	963	48	43,195	80	79	0	21	12/20/23	Surface Course - AC	7/1/99
23	16	MOULTON PKWY	OSO PKWY	LA PAZ RD	AAC	B	B	1,384	36	61,005	60	56	44	0	12/28/23	Surface Course - AC	7/1/99
23	18	MOULTON PKWY	EL PACIFICO DR	RIDGE ROUTE DR	AAC	B	F	1,539	50	70,352	74	89	0	11	12/20/23	Overlay - AC Structural	7/1/11
23	19	MOULTON PKWY	LAKE FOREST DR	EL PACIFICO DR	AAC	B	F	1,559	50	69,299	78	91	6	3	12/20/23	Overlay - AC Structural	7/1/06
23	2	MOULTON PKWY	ALISO CREEK BRIDGE	INDIAN HILL LN	AAC	B	E	681	42	30,942	67	88	0	12	12/13/23	Overlay - AC Structural	4/1/10
23	20	MOULTON PKWY	LA PAZ RD	MANDEVILLE DR	AAC	B	C	1,598	48	67,390	72	68	21	11	12/20/23	Surface Course - AC	7/1/99
23	21	MOULTON PKWY	VIA LOMAS	ALICIA PKWY	AAC	B	C	795	49	41,312	73	61	39	0	12/17/23	Surface Course - AC	7/1/99
23	22	MOULTON PKWY	ALICIA PKWY	MANDEVILLE DR	AAC	B	C	1,566	48	66,270	65	63	30	7	12/17/23	Surface Course - AC	7/1/99
23	23	MOULTON PKWY	NELLIE GAIL RD	S. CITY LIMITS	AAC	B	A	220	48	22,552	81	87	0	13	12/28/23	Surface Course - AC	7/1/99
23	24	MOULTON PKWY	OSO PKWY	NELLIE GAIL RD	AAC	B	A	908	52	45,483	77	80	10	10	12/20/23	Surface Course - AC	7/1/99
23	25	MOULTON PKWY	LA PAZ RD	OSO PKWY	AAC	B	B	1,391	52	62,488	69	44	47	9	12/20/23	Surface Course - AC	7/1/99
23	26	MOULTON PKWY	INDIAN HILL LN	SOUTH END OF BRIDGE	AAC	B	E	857	40	34,170	65	76	18	6	12/13/23	Overlay - AC Structural	4/1/10
23	27	MOULTON PKWY	INDIAN HILL LN	VIA LOMAS	AAC	B	E	1,010	41	54,610	63	74	21	5	12/17/23	Overlay - AC Structural	4/1/10
23	28	MOULTON PKWY	LAGUNA HILLS DR	NORTH END OF BRIDGE	AAC	B	E	611	33	36,589	65	92	8	0	12/20/23	Overlay - AC Structural	4/1/10
23	29	MOULTON PKWY	W. CITY LIMITS	INDIAN CIRCLE LN	AAC	B	E	585	38	33,769	80	100	0	0	12/20/23	Overlay - AC Structural	4/1/10
23	3	MOULTON PKWY	LAGUNA HILLS DR	INDIAN CIRCLE LN	AAC	B	E	1,821	40	82,325	69	73	27	0	12/13/23	Overlay - AC Structural	4/1/10
23	30	MOULTON PKWY	INDIAN CIRCLE LN	LAGUNA HILLS DR	AAC	B	E	1,798	38	92,647	76	100	0	0	12/20/23	Overlay - AC Structural	4/1/10
23	4	MOULTON PKWY	RIDGE ROUTE DR	SANTA MARIA AVE	AAC	B	F	1,361	48	60,721	70	96	3	1	12/20/23	Overlay - AC Structural	7/1/11
23	5	MOULTON PKWY	RIDGE ROUTE DR	EL PACIFICO DR	AAC	B	F	1,539	50	69,992	77	100	0	0	12/17/23	Overlay - AC Structural	7/1/11
23	6	MOULTON PKWY	MANDEVILLE DR	LA PAZ RD	AAC	B	C	1,619	48	79,329	70	50	50	0	12/17/23	Surface Course - AC	7/1/99
23	7	MOULTON PKWY	ALICIA PKWY	VIA LOMAS	AAC	B	C	830	49	33,597	76	87	0	13	12/17/23	Surface Course - AC	7/1/96
23	8	MOULTON PKWY	MANDEVILLE DR	ALICIA PKWY	AAC	B	C	1,487	48	77,033	77	67	30	3	12/20/23	Surface Course - AC	7/1/99
23	9	MOULTON PKWY	VIA LOMAS	INDIAN HILL LN	AAC	B	E	1,037	42	45,239	62	39	51	10	12/17/23	Overlay - AC Structural	4/1/10
27	1	OSO PKWY	NOTTINGHAM CT	BRIDLEWOOD DR	AAC	B	B	2,153	42	92,074	67	30	39	31	12/13/23	Overlay - AC Structural	7/1/08

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
27	10	OSO PKWY	NELLIE GAIL RD	WEST HAVEN DR	AAC	B	B	2,388	43	100,126	74	68	20	12	12/13/23	Overlay - AC Structural	7/1/08
27	11	OSO PKWY	E. CITY LIMITS	CABOT RD	AAC	B	B	207	47	13,080	88	100	0	0	12/29/23	Surface Course - AC	7/1/99
27	12	OSO PKWY	TOMBSTONE RD	CABOT RD	AAC	B	B	365	54	23,851	62	80	0	20	12/28/23	Surface Course - AC	7/1/99
27	13	OSO PKWY	NELLIE GAIL RD	NOTTINGHAM RD	AAC	B	B	1,176	43	49,492	66	57	43	0	12/13/23	Overlay - AC Structural	7/1/08
27	14	OSO PKWY	NOTTINGHAM CT	NELLIE GAIL RD	AAC	B	B	1,176	43	51,748	76	46	43	11	12/13/23	Overlay - AC Structural	7/1/08
27	15	OSO PKWY	BRIDLEWOOD DR	TOMBSTONE RD	AAC	B	B	2,225	42	96,729	64	79	14	7	12/13/23	Overlay - AC Structural	7/1/08
27	16	OSO PKWY	TOMBSTONE RD	BRIDLEWOOD DR	AAC	B	B	2,225	42	96,808	75	60	24	16	12/13/23	Overlay - AC Structural	7/1/08
27	2	OSO PKWY	MOULTON PKWY	WEST HAVEN DR	AAC	B	B	744	43	31,598	79	88	10	2	12/20/23	Overlay - AC Structural	7/1/08
27	3	OSO PKWY	MOULTON PKWY	W. CITY LIMITS	AAC	B	B	209	68	8,093	86	100	0	0	12/28/23	Surface Course - AC	7/1/99
27	4	OSO PKWY	WEST HAVEN DR	NELLIE GAIL RD	AAC	B	B	2,357	43	100,405	70	57	28	15	12/13/23	Overlay - AC Structural	7/1/08
27	5	OSO PKWY	CABOT RD	E. CITY LIMITS	AAC	B	B	207	47	7,423	86	64	36	0	12/29/23	Surface Course - AC	7/1/99
27	6	OSO PKWY	CABOT RD	TOMBSTONE RD	AAC	B	B	410	54	19,462	74	68	8	24	12/28/23	Surface Course - AC	7/1/99
27	7	OSO PKWY	W. CITY LIMITS	MOULTON PKWY	AAC	B	B	209	40	13,520	88	98	0	2	12/28/23	Surface Course - AC	7/1/99
27	8	OSO PKWY	BRIDLEWOOD DR	NOTTINGHAM CT	AAC	B	B	2,116	42	88,131	72	50	39	11	12/13/23	Overlay - AC Structural	7/1/08
27	9	OSO PKWY	WEST HAVEN DR	MOULTON PKWY	AAC	B	B	746	43	38,708	74	65	35	0	12/20/23	Overlay - AC Structural	7/1/08
28	1	PASEO DE VALENCIA	CALLE DE LA MAGDALENA	HEALTH CENTER DR	AAC	B	E	1,139	34	45,817	56	35	61	4	12/29/23	Overlay - AC Structural	7/1/08
28	10	PASEO DE VALENCIA	KENNINGTON DR	LOS ALISOS BLVD	AAC	B	E	1,233	35	50,394	56	65	31	4	12/29/23	Overlay - AC Structural	7/1/08
28	11	PASEO DE VALENCIA	CABOT RD	PINE NUT RD	AAC	B	D	784	29	20,531	85	96	0	4	12/6/23	Overlay - AC Structural	7/10/17
28	12	PASEO DE VALENCIA	HILLARY LN	VELASQUEZ RD	AAC	B	D	1,021	38	40,980	79	89	10	1	12/13/23	Overlay - AC Structural	7/1/08
28	13	PASEO DE VALENCIA	LA PAZ RD (W)	ERICSON WY	AAC	B	D	1,049	38	39,294	75	49	50	1	12/17/23	Surface Course - AC	7/1/04
28	14	PASEO DE VALENCIA	PINE NUT RD (W)	MACKENZIE ST	AAC	B	D	827	29	23,657	86	76	24	0	12/6/23	Overlay - AC Structural	7/10/17
28	15	PASEO DE VALENCIA	VELASQUEZ RD	ERICSON WY	AAC	B	D	1,092	38	42,317	73	98	0	2	12/13/23	Surface Course - AC	7/1/04
28	16	PASEO DE VALENCIA	SUNBURST AVE	ALICIA PKWY	AAC	B	D	1,187	38	57,590	65	66	34	0	12/13/23	Overlay - AC Structural	7/1/08
28	17	PASEO DE VALENCIA	HILLARY LN	SUNBURST AVE	AAC	B	D	465	38	17,685	66	77	17	6	12/13/23	Overlay - AC Structural	7/1/08
28	18	PASEO DE VALENCIA	PINE NUT RD	CABOT RD	AAC	B	D	777	29	21,385	87	77	0	23	12/6/23	Overlay - AC Structural	7/10/17
28	19	PASEO DE VALENCIA	ALICIA PKWY	SUNBURST AVE	AAC	B	D	1,271	38	49,506	75	87	6	7	12/17/23	Overlay - AC Structural	7/1/08
28	2	PASEO DE VALENCIA	EL TORO RD	CALLE DE LA PLATA	AAC	B	E	1,040	40	45,446	56	46	30	24	12/28/23	Overlay - AC Structural	7/1/08
28	20	PASEO DE VALENCIA	SUNBURST AVE	HILLARY LN	AAC	B	D	475	38	19,001	85	99	0	1	12/17/23	Overlay - AC Structural	7/1/08
28	21	PASEO DE VALENCIA	VELASQUEZ RD	HILLARY LN	AAC	B	D	988	38	37,611	73	60	19	21	12/13/23	Overlay - AC Structural	7/1/08
28	22	PASEO DE VALENCIA	ERICSON WY	VELASQUEZ RD	AAC	B	D	1,063	38	43,233	69	51	48	1	12/13/23	Surface Course - AC	7/1/04
28	23	PASEO DE VALENCIA	ERICSON WY	LA PAZ RD	AAC	B	D	1,032	38	41,586	74	81	0	19	12/17/23	Surface Course - AC	7/1/04
28	24	PASEO DE VALENCIA	ALICIA PKWY	LAGUNA HILLS DR	AAC	B	E	1,515	52	72,633	71	56	17	27	12/28/23	Overlay - AC Structural	7/1/08
28	25	PASEO DE VALENCIA	MACKENZIE ST	LA PAZ RD	AAC	B	D	1,488	29	49,406	82	100	0	0	12/6/23	Overlay - AC Structural	7/10/17
28	26	PASEO DE VALENCIA	LA PAZ RD	MACKENZIE ST	AAC	B	D	1,468	30	43,922	81	100	0	0	12/17/23	Overlay - AC Structural	7/10/17
28	27	PASEO DE VALENCIA	HEALTH CENTER DR	CALLE DE LA MAGDALENA	AAC	B	E	1,088	40	43,154	44	28	69	3	12/29/23	Overlay - AC Structural	7/1/08
28	28	PASEO DE VALENCIA	EL TORO RD	AVE DE LA CARLOTA	AAC	B	F	1,267	41	41,587	83	96	0	4	12/7/23	Overlay - AC Structural	7/1/05
28	29	PASEO DE VALENCIA	LOS ALISOS BLVD	HEALTH CENTER DR	AAC	B	E	1,733	45	69,166	52	59	33	8	12/29/23	Overlay - AC Structural	7/1/08
28	3	PASEO DE VALENCIA	CALLE DE LA PLATA	CALLE DE LA MAGDALENA	AAC	B	E	742	36	30,117	55	59	38	3	12/29/23	Overlay - AC Structural	7/1/08
28	30	PASEO DE VALENCIA	CALLE DE LA PLATA	EL TORO RD	AAC	B	E	1,008	40	47,444	63	45	55	0	12/29/23	Overlay - AC Structural	7/1/08
28	31	PASEO DE VALENCIA	CALLE DE LA MAGDALENA	CALLE DE LA PLATA	AAC	B	E	697	40	29,659	48	47	46	7	12/29/23	Overlay - AC Structural	7/1/08
28	32	PASEO DE VALENCIA	LAGUNA HILLS DR	BECKENHAM ST	AAC	B	E	1,559	34	63,532	49	66	33	1	12/29/23	Overlay - AC Structural	7/1/08
28	33	PASEO DE VALENCIA	BECKENHAM ST	KENNINGTON DR	AAC	B	E	570	34	23,336	54	60	35	5	12/29/23	Overlay - AC Structural	7/1/08
28	34	PASEO DE VALENCIA	LOS ALISOS BLVD	KENNINGTON DR	AAC	B	E	1,287	34	53,698	59	73	19	8	12/29/23	Overlay - AC Structural	7/1/08
28	4	PASEO DE VALENCIA	AVE DE LA CARLOTA	EL TORO RD	AAC	B	F	1,303	38	48,641	79	47	53	0	12/28/23	Overlay - AC Structural	7/1/05
28	5	PASEO DE VALENCIA	LAGUNA HILLS DR	ALICIA PKWY	AAC	B	E	1,605	52	73,824	71	93	6	1	12/28/23	Overlay - AC Structural	7/1/08
28	6	PASEO DE VALENCIA	MACKENZIE ST (W)	PINE NUT RD	AAC	B	D	827	29	25,337	87	98	0	2	12/6/23	Overlay - AC Structural	7/10/17
28	7	PASEO DE VALENCIA	BECKENHAM ST	LAGUNA HILLS DR	AAC	B	E	1,554	34	60,304	62	50	45	5	12/29/23	Overlay - AC Structural	7/1/08
28	8	PASEO DE VALENCIA	KENNINGTON DR	BECKENHAM ST	AAC	B	E	571	35	23,302	65	37	48	15	12/29/23	Overlay - AC Structural	7/1/08
28	9	PASEO DE VALENCIA	HEALTH CENTER DR	LOS ALISOS BLVD	AAC	B	E	1,667	45	71,789	66	50	35	15	12/29/23	Overlay - AC Structural	7/1/08
33	1	RIDGE ROUTE DR	PERALTA DR	EAST TO WIDENING	AAC	B	F	1,635	50	70,196	92	63	33	4	12/7/23	Overlay - AC Structural	12/1/13
33	10	RIDGE ROUTE DR	AVENIDA DE LA CARLOTA	NARROWS	AAC	B	F	1,000	26	37,821	91	100	0	0	12/7/23	Overlay - AC Structural	12/1/13
33	2	RIDGE ROUTE DR	MILL CREEK DR	MOULTON PKWY	AC	B	F	767	40	32,124	92	93	0	7	12/7/23	New Construction - Initial	1/1/90
33	3	RIDGE ROUTE DR	PERALTA DR	WEST TO WIDENING	AAC	B	F	1,816	45	65,021	91	100	0	0	12/7/23	Overlay - AC Structural	12/1/13
33	4	RIDGE ROUTE DR	SANTA VITTORIA DR	MILL CREEK DR	AC	B	F	2,443	40	76,807	95	100	0	0	12/6/23	New Construction - Initial	1/1/90
33	5	RIDGE ROUTE DR	NARROWS	MOULTON PKWY	AAC	B	F	468	40	21,163	92	92	0	8	12/20/23	Overlay - AC Structural	12/1/13
33	6	RIDGE ROUTE DR	MOULTON PKWY	NARROWS	AAC	B	F	470	40	16,290	90	100	0	0	12/7/23	Overlay - AC Structural	12/1/13
33	7	RIDGE ROUTE DR	MOULTON PKWY	MILL CREEK DR	AAC	B	F	767	40	25,464	91	95	0	5	12/7/23	Overlay - AC Structural	11/1/21
33	8	RIDGE ROUTE DR	MILL CREEK DR	SANTA VITTORIA DR	AAC	B	F	2,448	40	77,725	95	100	0	0	12/6/23	Overlay - AC Structural	11/1/21
33	9	RIDGE ROUTE DR	NARROWS	AVE DE LA CARLOTA	AAC	B	F	1,047	40	38,624	94	100	0	0	12/7/23	Overlay - AC Structural	12/1/13
36	1	SANTA MARIA AVE	VIA VISTA	W CITY LIMITS	AAC	B	F	950	30	23,580	87	96	0	4	12/6/23	Overlay - AC Structural	7/1/11
36	2	SANTA MARIA AVE	W CITY LIMITS	VIA VISTA	AAC	B	F	979	30	23,478	88	96	0	4	12/6/23	Overlay - AC Structural	7/1/11
37	1	SANTA VITTORIA DR	LANE MERGE	RIDGE ROUTE DR	AAC	C	F	332	22	4,971	90	100	0	0	12/20/23	Surface Treatment - Slurry Seal	11/1/21

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
37	2	SANTA VITTORIA DR	LANE MERGE	BRIDGE	AAC	C	F	173	49	6,660	79	43	57	0	12/6/23	Overlay - AC Structural	7/1/11
37	4	SANTA VITTORIA DR	CMTO COSTA	BRIDGE	AAC	C	F	876	38	30,457	94	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
37	5	SANTA VITTORIA DR	LANE MERGE	CMTO COSTA	AAC	C	F	1,250	38	45,543	92	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
37	6	SANTA VITTORIA DR	BASSANO EAST	LAKE FOREST DR	AAC	C	F	370	22	11,176	89	100	0	0	12/6/23	Surface Treatment - Slurry Seal	11/1/21
37	7	SANTA VITTORIA DR	LAKE FOREST DR	BASSANO	AAC	C	F	392	22	8,449	88	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
37	8	SANTA VITTORIA DR	LANE MERGE	BASSANO EAST	AAC	C	F	419	22	10,152	96	100	0	0	12/6/23	Surface Treatment - Slurry Seal	11/1/21
37	10	SANTA VITTORIA DR	RIDGE ROUTE DR	LANE MERGE	AAC	C	F	342	22	6,625	82	76	24	0	12/20/23	Overlay - AC Structural	7/1/11
37	11	SANTA VITTORIA DR	LANE MERGE	RIDGE ROUTE DR	AAC	C	F	371	22	10,622	79	56	44	0	12/20/23	Overlay - AC Structural	7/1/11
37	12	SANTA VITTORIA DR	RIDGE ROUTE DR	LANE MERGE	AAC	C	F	285	22	7,794	81	42	58	0	12/20/23	Surface Treatment - Slurry Seal	11/1/21
37	13	SANTA VITTORIA DR	SANTA MARIA AVE	BARBERA	AAC	C	F	1,095	36	34,696	90	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
37	14	SANTA VITTORIA DR	BARBERA	AVENIDA DEL SOL	AAC	C	F	793	36	25,816	86	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
37	15	SANTA VITTORIA DR	AVENIDA DEL SOL	SAN REMO DR	AAC	C	F	513	36	16,608	90	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
37	16	SANTA VITTORIA DR	SAN REMO DR	LANE MERGE	AAC	C	F	670	36	26,017	91	71	29	0	12/6/23	Overlay - AC Structural	7/1/11
37	9	SANTA VITTORIA DR	BASSANO EAST	LANE MERGE	AAC	C	F	401	22	9,662	88	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
								42.6		9,067,736							
Locals																	
41	1	ABILENE CIR	HIDDEN TRAIL RD	WEST END	AAC	E	A	410	38	16,081	92	100	0	0	4/8/22	Overlay - AC Structural	8/1/14
42	1	ADAMO	SORESINA	END	AC	E	F	308	35	16,544	91	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
1	1	ALAMEDA AVE	DEL MONTE ST	ALISO HILLS DR	AAC	E	C	474	38	16,388	88	100	0	0	11/30/23	Overlay - AC Structural	7/1/11
1	2	ALAMEDA AVE	EL PRADO ST	DEL MONTE ST	AAC	E	C	730	38	27,165	84	60	19	21	11/30/23	Overlay - AC Structural	7/1/11
1	3	ALAMEDA AVE	EL PRADO ST	ELENA DR	AAC	E	C	637	38	22,561	90	100	0	0	11/30/23	Overlay - AC Structural	7/1/11
1	4	ALAMEDA AVE	ELENA DR	MONTE ROYALE ST	AAC	E	C	771	38	27,118	76	57	28	15	11/30/23	Overlay - AC Structural	7/1/11
1	5	ALAMEDA AVE	LA PAZ RD	MONTE ROYALE ST	AAC	E	C	449	38	15,032	79	76	20	4	11/26/23	Crack Sealing - AC	7/1/05
1	5	ALAMEDA AVE	LA PAZ RD	MONTE ROYALE ST	AAC	E	C	449	38	15,032	79	76	20	4	11/26/23	Grinding (Localized)	7/1/05
1	5	ALAMEDA AVE	LA PAZ RD	MONTE ROYALE ST	AAC	E	C	449	38	15,032	79	76	20	4	11/26/23	Overlay - AC Structural	7/1/05
43	1	ALCALDE DR	VERDUGO DR	PERALTA DR	AAC	E	F	1,560	43	64,688	92	100	0	0	3/14/22	Patching - AC Deep	7/1/05
44	1	ALISAL AVE	SARITA DR	LINDA VISTA DR	AAC	E	C	970	33	31,319	100	0	0	0	1/1/20	Surface Treatment - Slurry Seal	11/1/21
44	2	ALISAL AVE	LINDA VISTA DR	PASEO DE VALENCIA	AAC	E	C	120	37	4,532	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
5	1	ALISO HILLS DR	LA CIENEGA ST	SIERRA BONITA DR	AAC	E	C	753	38	27,153	80	63	21	16	11/30/23	Grinding (Localized)	7/1/05
5	1	ALISO HILLS DR	LA CIENEGA ST	SIERRA BONITA DR	AAC	E	C	753	38	27,153	80	63	21	16	11/30/23	Overlay - AC Structural	7/1/05
5	1	ALISO HILLS DR	LA CIENEGA ST	SIERRA BONITA DR	AAC	E	C	753	38	27,153	80	63	21	16	11/30/23	Patching - AC Deep	7/1/05
5	2	ALISO HILLS DR	LA PAZ RD	LUNA BONITA DR	AAC	E	C	453	38	15,254	83	88	12	0	11/30/23	Crack Sealing - AC	7/1/05
5	2	ALISO HILLS DR	LA PAZ RD	LUNA BONITA DR	AAC	E	C	453	38	15,254	83	88	12	0	11/30/23	Grinding (Localized)	7/1/05
5	2	ALISO HILLS DR	LA PAZ RD	LUNA BONITA DR	AAC	E	C	453	38	15,254	83	88	12	0	11/30/23	Overlay - AC Thin	7/1/05
5	2	ALISO HILLS DR	LA PAZ RD	LUNA BONITA DR	AAC	E	C	453	38	15,254	83	88	12	0	11/30/23	Patching - AC Deep	7/1/05
5	3	ALISO HILLS DR	LUNA BONITA DR	LA SERRA ST	AAC	E	C	1,689	38	61,689	78	52	47	1	11/30/23	Crack Sealing - AC	7/1/05
5	3	ALISO HILLS DR	LUNA BONITA DR	LA SERRA ST	AAC	E	C	1,689	38	61,689	78	52	47	1	11/30/23	Grinding (Localized)	7/1/05
5	3	ALISO HILLS DR	LUNA BONITA DR	LA SERRA ST	AAC	E	C	1,689	38	61,689	78	52	47	1	11/30/23	Overlay - AC Structural	7/1/05
5	3	ALISO HILLS DR	LUNA BONITA DR	LA SERRA ST	AAC	E	C	1,689	38	61,689	78	52	47	1	11/30/23	Patching - AC Deep	7/1/05
5	4	ALISO HILLS DR	LA SERRA ST	MENDOCINO AV	AAC	E	C	763	38	28,071	80	90	10	0	11/26/23	Crack Sealing - AC	7/1/05
5	4	ALISO HILLS DR	LA SERRA ST	MENDOCINO AV	AAC	E	C	763	38	28,071	80	90	10	0	11/26/23	Grinding (Localized)	7/1/05
5	4	ALISO HILLS DR	LA SERRA ST	MENDOCINO AV	AAC	E	C	763	38	28,071	80	90	10	0	11/26/23	Overlay - AC Structural	7/1/05
5	4	ALISO HILLS DR	LA SERRA ST	MENDOCINO AV	AAC	E	C	763	38	28,071	80	90	10	0	11/26/23	Patching - AC Deep	7/1/05
5	5	ALISO HILLS DR	MENDOCINO AV	LA CIENEGA ST	AAC	E	C	992	38	35,696	83	85	0	15	11/30/23	Grinding (Localized)	7/1/05
5	5	ALISO HILLS DR	MENDOCINO AV	LA CIENEGA ST	AAC	E	C	992	38	35,696	83	85	0	15	11/30/23	Overlay - AC Structural	7/1/05
5	5	ALISO HILLS DR	MENDOCINO AV	LA CIENEGA ST	AAC	E	C	992	38	35,696	83	85	0	15	11/30/23	Patching - AC Deep	7/1/05
5	6	ALISO HILLS DR	ALICIA PKWY	LA CIENEGA ST	AAC	E	C	713	38	23,624	82	58	42	0	11/30/23	Grinding (Localized)	7/1/05
5	6	ALISO HILLS DR	ALICIA PKWY	LA CIENEGA ST	AAC	E	C	713	38	23,624	82	58	42	0	11/30/23	Overlay - AC Thin	7/1/05
5	6	ALISO HILLS DR	ALICIA PKWY	LA CIENEGA ST	AAC	E	C	713	38	23,624	82	58	42	0	11/30/23	Patching - AC Deep	7/1/05
45	1	ALTA LOMA CT	SANTA ROSA AVE	EAST END	AAC	E	C	460	37	18,714	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
46	1	ALTA MIRA DR	ALEMEDA AVE	BUENA VISTA DR	AAC	E	C	400	37	14,174	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
47	1	AMALIA ST	YOLANDA ST	CARMEL ST	AC	E	C	210	33	6,787	95	100	0	0	11/22/23	Surface Treatment - Slurry Seal	11/1/21
48	1	ANACAPA ST	SAN PEDRO AVE	EL PRADO ST	AAC	E	C	770	33	24,949	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
49	1	ANADALE DR	VISTA VIEJO N CNR	NORTH END	AAC	E	A	890	35	31,942	94	85	0	15	4/7/22	Overlay - AC Structural	8/1/14
50	1	ANCONA	TREVISIO	END	AAC	E	F	306	35	18,073	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
51	2	ANDREA ST	LUPITA ST	SOUTH END	AC	E	C	269	39	11,066	90	100	0	0	11/26/23	Surface Treatment - Slurry Seal	11/1/21
51	1	ANDREA ST	LUPITA ST	NORTH END	AC	E	C	272	39	11,390	91	100	0	0	11/26/23	Surface Treatment - Slurry Seal	11/1/21
345	1	ANVIL CIR	FARRIER CIR	NORTH END	AAC	E	B	707	33	28,842	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
52	1	APPALOOSA PL	MUSTANG DR N CNR	LA PAZ RD S CNR	AAC	E	B	240	35	9,839	89	24	76	0	11/30/23	Surface Treatment - Slurry Seal	11/1/21
53	1	ASHLAND DR	KENNINGTON DR	WEYBURN DR	AAC	E	E	1,175	37	43,309	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
55	1	AVENIDA AVALON	VIA BALBOA	SOUTH END	AAC	E	E	210	33	8,692	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
6	15	AVENIDA DE LA CARLOTA	LOS ALISOS BL 5 CNR	CHRISTINA CT N CNR	AAC	E	E	155	34	5,652	90	100	0	0	12/4/23	Overlay - AC Structural	6/1/18
56	2	BARBERA	MARSALA	PESARO	AAC	E	F	1,179	39	42,593	90	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
56	1	BARBERA	SANTA VITTORIA	MARSALA	AAC	E	F	303	39	9,707	90	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
57	2	BARENTS ST	WILKES PL	HILLARY LN	AAC	E	D	135	33	4,764	95	100	0	0	4/6/22	Overlay - AC Fabric	8/1/14
57	3	BARENTS ST	WILKES PL	EAST END	AAC	E	D	1,310	36	46,447	86	50	42	8	5/11/20	Overlay - AC Structural	8/1/12
57	1	BARENTS ST	HILLARY LN	GRISOM RD	AAC	E	D	1,300	33	43,337	85	56	37	7	4/6/22	Surface Treatment - Slurry Seal	6/1/18
58	1	BARKSTONE LN	VISTA VIEJO	NORTH END	AAC	E	A	660	36	23,809	93	96	0	4	4/7/22	Overlay - AC Structural	8/1/14
59	1	BAUTISTA DR	PADUA DR	SOUTH END	AAC	E	D	455	33	18,690	88	60	40	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
60	1	BEARGRASS CIR	LOST COLT DR	SOUTH END	AAC	E	A	165	33	7,683	84	70	30	0	11/30/23	Surface Treatment - Slurry Seal	6/1/18
61	1	BECKENHAM ST	PASEO DE VALENCIA	ACACIA LN	AAC	E	E	1,063	36	35,267	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
61	2	BECKENHAM ST	ACACIA LN	WILKES PL	AAC	E	E	591	36	18,845	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
62	1	BENTLEY LN	ALICIA PKWY	EAST END	AAC	E	D	1,555	38	57,924	90	53	22	25	5/11/20	Overlay - AC Structural	8/1/12
63	1	BIANCO	MARSALA	END	AAC	E	F	348	35	15,781	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
64	1	BLACK HORSE LN	LOST COLT DR	EAST END	AAC	E	A	850	36	30,715	89	52	48	0	5/11/20	Overlay - AC Structural	8/1/12
65	1	BOONE PL	CADALLAC DR	SOUTH END	AAC	E	D	170	43	8,064	81	32	68	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
66	1	BOOTHILL CT	DILLION RD	WEST END	AAC	E	A	475	38	17,758	74	72	28	0	4/8/22	Overlay - AC Structural	8/1/14
67	1	BOOTSTRAP PL	GALLUP CIR	WEST END	AAC	E	B	175	44	8,026	91	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
68	1	BRADFORD LN	NOTTINGHAM CT	NORTH END	AAC	E	A	225	41	7,108	91	49	45	6	5/11/20	Overlay - AC Structural	8/1/12
69	3	BRIDLEWOOD DR	OSO PKWY	SADDLE ROCK PL	AAC	E	B	220	36	8,796	99	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
69	2	BRIDLEWOOD DR	OSO PKWY	LAUREL CREST DR	AAC	E	A	1,250	38	44,957	90	46	54	0	5/11/20	Overlay - AC Structural	8/1/12
69	1	BRIDLEWOOD DR	FLINTLOCK LN	NELLIE GAIL RD	AAC	E	B	490	39	17,957	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
69	4	BRIDLEWOOD DR	LAUREL CREST DR	MEADOW CREST DR	AAC	E	A	791	38	28,270	89	45	48	7	5/11/20	Overlay - AC Structural	8/1/12
69	5	BRIDLEWOOD DR	SADDLE ROCK PL	FLINTLOCK LN	AAC	E	B	755	41	27,758	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
69	6	BRIDLEWOOD DR	MEADOW CREST DR	VISTA VIEJO	AAC	E	A	1,476	38	53,923	93	65	35	0	5/11/20	Overlay - AC Structural	8/1/12
70	1	BROKEN BIT LN	BUCKSKIN DR	SOUTH END	AAC	E	B	785	36	29,498	89	80	20	0	11/26/23	Surface Treatment - Slurry Seal	11/1/21
71	1	BUCKBOARD LN	BUCKSKIN DR	STENSON PL	AAC	E	B	1,217	39	45,760	75	73	27	0	12/4/23	Surface Treatment - Slurry Seal	11/1/21
71	2	BUCKBOARD LN	STENSON PL	NELLIE GAIL RD	AAC	E	B	1,691	39	62,796	80	55	43	2	11/26/23	Overlay - AC Structural	7/1/11
72	1	BUCKLESTONE CT	NELLIE GAIL RD	NORTH END	AAC	E	B	350	39	14,001	93	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
73	1	BUCKSKIN DR	NELLIE GAIL RD	SILVER SADDLE LN	AAC	E	B	1,329	39	49,275	100	0	0	0	11/1/21	Overlay - AC Structural	11/1/21
73	2	BUCKSKIN DR	SILVER SADDLE LN	MUSTANG DR	AAC	E	B	904	39	33,689	100	0	0	0	11/1/21	Overlay - AC Structural	11/1/21
73	3	BUCKSKIN DR	MUSTANG DR	BUCKBOARD LN	AAC	E	B	1,001	39	38,062	100	0	0	0	11/1/21	Overlay - AC Structural	11/1/21
74	1	BUENA VISTA DR	LOS GATOS DR	NORTH END	AAC	E	C	1,130	38	43,072	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
75	2	CADILLAC DR	BOONE PL	HILLARY LN	AAC	E	D	422	33	13,391	92	90	0	10	4/6/22	Overlay - AC Fabric	8/1/14
75	1	CADILLAC DR	GRISOM RD	BOONE PL	AAC	E	D	575	33	18,649	83	47	37	16	4/6/22	Surface Treatment - Slurry Seal	6/1/18
76	1	CAJON DR	WELLS FARGO DR	COSTEAU DR	AAC	E	D	560	37	17,551	88	77	12	11	4/8/22	Surface Treatment - Slurry Seal	6/1/18
77	1	CALERO AVE	LA MIRADA ST	EL CONEJO LN	AAC	E	C	290	33	10,417	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
78	1	CALIFIA DR	MACKENZIE ST	LA SUEN RD	AAC	E	D	865	36	30,061	81	54	43	3	4/6/22	Surface Treatment - Slurry Seal	6/1/18
79	1	CALLE CARMEL	HENDON ST	SOUTH END	AAC	E	E	570	26	16,440	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
80	2	CAMBERWELL ST	HENDON	COUSTEU ST	AAC	E	E	607	37	22,917	84	65	35	0	4/6/22	Overlay - AC Structural	7/1/11
80	1	CAMBERWELL ST	HON AVE	HENDON ST	AAC	E	E	1,103	37	39,161	84	64	36	0	4/6/22	Overlay - AC Structural	7/1/11
81	1	CARLSON CT	LAUREL CREST DR	EAST END	AAC	E	A	135	33	7,131	92	66	0	34	12/1/23	Overlay - AC Structural	8/1/14
82	1	CARMEL ST	SOUTH END	NORTH END	AC	E	C	865	35	32,519	92	100	0	0	11/22/23	Surface Treatment - Slurry Seal	11/1/21
83	1	CAROL LN	JULIE AVE	EAST END	AAC	E	E	430	37	16,227	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
84	1	CATANIA	CREMONA	END	AAC	E	F	255	35	10,506	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
85	1	CEDARBLUFF TER	WOODBUFF RD	EAST END	AAC	E	A	845	35	30,342	88	40	60	0	4/7/22	Overlay - AC Structural	8/1/14
86	1	CHAMPLAIN RD	EARHART RD	VESPUCCI RD	AAC	E	D	830	35	23,057	92	73	27	0	5/11/20	Overlay - AC Structural	8/1/12
86	4	CHAMPLAIN RD	CHAMPLAIN RD	END	AAC	E	D	114	33	6,073	90	100	0	0	11/26/23	Overlay - AC Structural	7/1/12
86	2	CHAMPLAIN RD	GRISOM RD	LAPAZ RD	AAC	E	D	1,260	33	40,950	81	89	11	0	11/26/23	Surface Treatment - Slurry Seal	6/1/18
86	3	CHAMPLAIN RD	PIKE RD	CHARLEMAGNE RD	AAC	E	D	725	33	25,502	85	57	43	0	5/11/20	Overlay - AC Structural	8/1/12
87	1	CHAPARREL PL	NELLIE GAIL RD	SOUTH END	AAC	E	B	155	46	8,681	93	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
88	1	CHARLEMAGNE RD	CHAMPLAIN RD	DE SALLE ST	AAC	E	D	535	33	17,196	88	70	30	0	5/11/20	Overlay - AC Structural	8/1/12
89	1	CHELSEA LN	NOTTINGHAM CT	SOUTH END	AAC	E	A	310	33	10,946	83	27	0	73	4/7/22	Overlay - AC Structural	8/1/14
90	1	CHRISTINA CT	EAST END	SOUTH END	AAC	E	E	1,050	36	37,048	81	92	0	8	11/22/23	Overlay - AC Structural	6/1/18
91	1	CLARINGTON DR	WEYBURN DR	KENNINGTON DR	AAC	E	E	1,265	37	46,953	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
92	1	COACH SPRINGS LN	HIDDEN TRAIL RD	WEST END	AAC	E	A	500	38	18,511	88	100	0	0	11/26/23	Patching - AC Deep	8/1/14
93	1	COLONNA	SORESINA	PESARO	AAC	E	F	570	35	19,350	90	73	27	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
9	1	COMMERCE CENTER DR	AVE DE LA CARLOTA	END	AAC	E	F	983	46	42,461	94	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
95	1	COSTEAU CT	COSTEAU ST	NORTH END	AAC	E	E	110	49	5,199	76	54	46	0	4/6/22	Overlay - AC Structural	7/1/11
95	2	COSTEAU CT	COSTEAU ST	NORTH END	AAC	E	E	115	48	5,694	78	100	0	0	4/6/22	Overlay - AC Structural	7/1/11
96	1	COSTEAU DR	ALICIA PKWY	CAJON DR	AAC	E	D	1,980	36	70,756	84	38	57	5	4/6/22	Surface Treatment - Slurry Seal	6/1/18
97	1	COSTEAU ST	ALICIA PKWY	BECKENHAM ST	AAC	E	E	1,650	36	54,739	72	57	0	43	4/6/22	Overlay - AC Structural	7/1/11
98	1	CREEK DR	LINDA VISTA DR	SOUTH END	AAC	E	C	780	35	27,774	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
99	1	CREEKVIEW DR	WEST END	CHRISTINA CT	AAC	E	E	1,315	34	45,673	79	100	0	0	12/4/23	Overlay - AC Structural	6/1/18
100	1	CREMONA	TARANTO	END	AAC	E	F	319	35	13,106	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
101	1	CRESTA CT	CREEKVIEW DR	NORTH END	AAC	E	E	160	33	7,657	86	100	0	0	11/22/23	Overlay - AC Structural	6/1/18
102	2	DAPPLE GREY DR	WILD VIEW TER	NELLIE GAIL RD	AAC	E	B	1,624	34	54,591	92	100	0	0	3/16/22	Overlay - AC Structural	7/1/11
102	1	DAPPLE GREY DR	NELLIE GAIL DR S CNR	WILD VIEW TER	AAC	E	B	667	34	21,927	91	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
103	1	DE SALLE ST	MACKENZIE ST	EARHART RD	AAC	E	D	1,200	33	38,614	87	40	57	3	5/11/20	Overlay - AC Structural	8/1/12
103	2	DE SALLE ST	EARHART RD	GRISSOM RD	AAC	E	D	1,239	33	38,918	83	48	52	0	5/11/20	Overlay - AC Structural	8/1/12
104	1	DEL LAGO DR	ALCALDE DR	LA CADENA DR	AAC	E	F	1,160	44	47,409	92	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
104	2	DEL LAGO DR	LA CADENA DR	LAKE FOREST DR	AAC	E	F	870	64	53,578	91	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
105	1	DEL MONTE ST	ALAMEDA AVE	LA CUESTA AVE	AAC	E	C	950	37	34,363	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
106	1	DEPUTY CIR	DILLION RD	SOUTH END	AAC	E	A	1,245	34	44,708	75	77	23	0	4/8/22	Overlay - AC Structural	8/1/14
107	1	DERBY CIR	WILKES PL	WEST END	AAC	E	E	490	37	18,044	88	54	46	0	4/6/22	Overlay - AC Structural	7/1/11
108	1	DERBYHILL DR	HIDDEN TRAIL RD	WEST END	AAC	E	A	1,140	38	45,235	94	100	0	0	4/8/22	Overlay - AC Structural	8/1/14
109	1	DESERT TRAIL	NELLIE GAIL DR	SOUTH END	AAC	E	B	525	37	19,628	97	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
110	1	DEVONSHIRE RD	FALLING LEAF DR	NOTTINGHAM CT	AAC	E	A	900	37	33,429	92	88	0	12	5/11/20	Overlay - AC Structural	8/1/12
111	1	DILLION RD	LOST TRAIL DR	EAST END	AAC	E	A	1,840	38	70,587	80	39	61	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
112	1	EARHART RD	BARENTS ST	VELASQUEZ RD	AAC	E	D	862	37	29,700	87	51	49	0	5/11/20	Overlay - AC Structural	8/1/12
112	3	EARHART RD	DE SALLE DR	ERICSON WY	AAC	E	D	240	33	7,826	72	89	7	4	11/30/23	Overlay - AC Structural	7/1/11
112	2	EARHART RD	DE SALLE DR	CHAMPLAIN RD	AAC	E	D	485	33	16,756	92	72	28	0	5/11/20	Overlay - AC Structural	8/1/12
112	6	EARHART RD	EARHART RD	SOUTH END	AAC	E	D	118	33	6,192	96	100	0	0	4/6/22	Overlay - AC Fabric	8/1/14
112	5	EARHART RD	VELASQUEZ RD	LAS BOLSAZ ST	AAC	E	D	1,168	37	41,943	85	57	43	0	5/11/20	Overlay - AC Structural	8/1/12
112	4	EARHART RD	ERICSON WY	LAS BOLSAZ ST	AC	E	D	255	33	9,265	77	60	34	6	11/26/23	Patching - AC Deep	8/1/14
113	1	EL CAPITAN LN	CREEK DR	LARGO DR	AAC	E	C	880	33	30,241	85	82	0	18	11/30/23	Overlay - AC Structural	7/1/11
114	1	EL CONEJO LN	LINDA VISTA DR	CALERO AVE	AAC	E	C	930	33	29,817	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
115	1	EL DORADO DR	STAGE COACH DR	PRESIDIO DR	AAC	E	D	860	33	27,880	83	39	59	2	4/8/22	Surface Treatment - Slurry Seal	6/1/18
116	2	EL PACIFICO DR	MOULTON PKWY	VERDUGO DR	AAC	E	F	300	64	18,126	92	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
116	1	EL PACIFICO DR	VERDUGO DR	END	AAC	E	F	235	43	13,362	93	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
117	1	EL PRADO ST	ALAMEDA AVE	SAN PEDRO AVE	AAC	E	C	810	37	29,382	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
118	1	EL SEGUNDO ST	ALISO HILLS DR	NORTH END	AAC	E	C	570	36	21,362	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
348	1	ELDERBROOK LN	WOODBUFF RD	SOUTH END	AAC	E	A	160	33	7,705	93	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
119	1	ELENA DR	LOS GATOS DR	ALAMEDA AVE	AAC	E	C	535	37	21,634	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
120	1	ELM BANK DR	DEVONSHIRE RD	WEST END	AAC	E	A	510	37	18,896	94	95	0	5	4/7/22	Overlay - AC Structural	8/1/14
121	1	EMPTY SADDLE DR	NELLIE GAIL RD	SPOTTED PONY LN	AAC	E	A	1,880	36	55,789	88	81	19	0	11/30/23	Surface Treatment - Slurry Seal	6/1/18
122	1	ENCANTO CT	LUNA BONITA DR	SOUTH END	AC	E	C	280	39	11,487	64	52	48	0	11/22/23	New Construction - Initial	1/1/80
123	2	ERICSON WY	EARHART RD	PASEO DE VALENCIA	AAC	E	D	1,393	37	49,085	74	33	33	34	4/8/22	Overlay - AC Structural	7/1/11
123	1	ERICSON WY	COSTEAU DR	EARHART RD	AAC	E	D	1,105	37	38,951	85	62	33	5	4/8/22	Overlay - AC Structural	7/1/11
124	1	ERNESTINE CT	LINDA FLORA ST	NORTH END	AAC	E	C	475	37	17,443	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
125	1	EUCALYPTUS DR	WOODBUFF RD	EAST END	AAC	E	A	340	32	11,189	91	56	41	3	4/7/22	Overlay - AC Structural	8/1/14
126	1	EVA ST	LUPITA ST	YOLANDA ST	AC	E	C	950	33	32,987	95	100	0	0	11/22/23	Surface Treatment - Slurry Seal	11/1/21
127	1	EVERGREEN RD	OAK LEAF RD	FIR LN	AAC	E	D	800	37	28,763	80	75	8	17	12/1/23	Surface Treatment - Slurry Seal	6/1/18
128	1	EXPRESS DR	ELDORADO DR	WEST END	AAC	E	D	600	36	21,816	86	79	21	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
129	1	FAIRCOURT LN	WOODBUFF RD	EAST END	AAC	E	A	565	36	21,572	95	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
130	1	FALLING LEAF DR	DEVONSHIRE RD	WOODBUFF RD	AAC	E	A	1,670	37	60,018	93	84	0	16	4/7/22	Overlay - AC Structural	8/1/14
131	1	FARGO RD	ROCKRIDGE RD	SOUTH END	AAC	E	A	535	37	20,058	83	76	24	0	4/8/22	Overlay - AC Structural	8/1/14
344	1	FARRIER CIR	MUSTANG DR	NORTH END	AAC	E	B	571	33	22,482	98	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
132	1	FIR LN	EVERGREEN RD	TREE TOP RD	AAC	E	D	250	37	11,957	92	71	29	0	5/11/20	Overlay - AC Structural	8/1/12
133	1	FLETCHER PL	LAUREL CREST DR	EAST END	AAC	E	A	270	40	11,011	93	96	0	4	4/7/22	Overlay - AC Structural	8/1/14
134	1	FLINTLOCK LN	BRIDLEWOOD DR	NORTH END	AAC	E	B	1,015	36	35,808	91	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
135	1	FORMELLO	BARBERA	END	AAC	E	F	378	35	15,607	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
136	2	GALLUP CIR	RANGEWOOD DR	NELLIE GAIL RD	AAC	E	B	1,034	37	38,328	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
136	1	GALLUP CIR	LA PAZ RD	RANGEWOOD DR	AAC	E	B	1,908	39	70,021	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
137	1	GENOVA	PALERMO	END	AAC	E	F	562	35	23,671	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
138	1	GEORGIA SUE DR	JORIE DR	EAST END	AAC	E	E	1,365	37	49,377	77	85	8	7	12/1/23	Overlay - AC Structural	7/1/05
139	2	GLEN CANYON DR	BRIDLEWOOD DR	END	AAC	E	B	146	33	7,105	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
139	1	GLEN CANYON DR	NELLIE GAIL RD	SOUTH END	AAC	E	B	1,985	38	70,050	91	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
140	1	GOLD DUST LN	HIDDEN TRAIL RD	SOUTH END	AAC	E	A	910	36	32,723	84	75	25	0	4/8/22	Overlay - AC Structural	8/1/14
141	1	GOLDEN ROD CIR	MAGNOLIA CT	EAST END	AAC	E	A	85	63	5,132	94	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
142	1	GORDON RD	MOULTON PKWY	IMPERIAL DR	AAC	E	C	450	37	18,217	100	0	0	0	8/31/21	Overlay - AC Structural	8/31/21
143	1	GRAVINO	PESARO	END	AAC	E	F	280	35	12,328	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
346	1	GREEN HILLS LN	WOODBUFF RD	RAIN TREE RD	AAC	E	A	597	33	18,373	94	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
14	1	GREENFIELD DR	SR 73 RAMPS	HIDDEN TRAIL RD	AAC	E	A	794	38	32,549	92	89	0	11	5/11/20	Overlay - AC Structural	8/1/12
144	1	GRISSOM CIR	HILLARY LN	WEST END	AAC	E	D	120	47	6,001	93	100	0	0	4/6/22	Overlay - AC Structural	7/1/14

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
145	4	GRISSOM RD	MACKENZIE ST	WEST END	AAC	E	D	535	36	19,372	88	67	0	33	11/26/23	Surface Treatment - Slurry Seal	6/1/18
145	3	GRISSOM RD	LAS BOLSAS ST	WILKES PL	AAC	E	D	1,785	33	57,687	95	85	4	11	4/6/22	Overlay - AC Fabric	8/1/14
145	6	GRISSOM RD	GRISSOM RD	NORTH END	AAC	E	D	132	33	6,783	82	88	11	1	12/4/23	Overlay - AC Structural	7/1/11
145	1	GRISSOM RD	PIKE RD	LA PAZ RD	AC	E	D	125	33	4,415	84	100	0	0	12/1/23	Surface Treatment - Slurry Seal	6/1/18
145	2	GRISSOM RD	BARENTS ST	EAST END	AAC	E	D	925	35	28,657	80	42	56	2	4/6/22	Surface Treatment - Slurry Seal	6/1/18
145	5	GRISSOM RD	ERICSON WY	PIKE RD	AAC	E	D	1,000	35	29,111	81	65	33	2	4/8/22	Overlay - AC Structural	7/1/11
146	1	HARRINGTON CT	NOTTINGHAM CT	NORTH END	AAC	E	A	395	38	15,142	94	86	0	14	4/7/22	Overlay - AC Structural	8/1/14
147	1	HARTOG ST	VELASQUEZ RD	LAS BOLSAS ST	AAC	E	D	875	31	26,627	93	60	34	6	4/6/22	Overlay - AC Fabric	8/1/14
351	1	HEALTH CENTER DR	PASEO DE VALENCIA	CALLE DE LA LOUISA	AC	E	E	760	20	24,915	88	100	0	0	12/4/23	New Construction - Initial	1/1/80
351	2	HEALTH CENTER DR	CALLE DE LA LOUISA	PASEO DE VALENCIA	AC	E	E	769	20	24,057	89	59	41	0	12/4/23	New Construction - Initial	1/1/80
148	2	HENDON ST	CAMBERWELL ST	CALLE CARMEL	AAC	E	E	500	37	19,577	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
148	1	HENDON ST	COSTEAU ST	CAMBERWELL ST	AAC	E	E	1,255	33	42,452	81	100	0	0	4/6/22	Overlay - AC Structural	7/1/05
342	2	HIDDEN TRAIL RD	PINESTRAP CIR	DERBYHILL DR	AAC	E	A	1,580	38	59,562	88	40	60	0	5/11/20	Overlay - AC Structural	8/1/12
342	4	HIDDEN TRAIL RD	STAGELINE DR	NELLIE GAIL RD	AAC	E	A	1,944	38	72,936	82	88	10	2	4/8/22	Overlay - AC Structural	8/1/14
342	3	HIDDEN TRAIL RD	DERBYHILL DR	STAGELINE DR	AAC	E	A	1,392	38	52,671	85	40	60	0	5/11/20	Overlay - AC Structural	8/1/12
342	1	HIDDEN TRAIL RD	GREENFIELD DR	PINESTRAP CIR	AAC	E	A	1,612	38	61,892	92	65	32	3	5/11/20	Overlay - AC Structural	8/1/12
149	1	HIGHPLAINS TER	GLEN CANYON DR	EAST END	AAC	E	B	515	37	19,710	93	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
150	1	HIGHWOOD CIR	ROCKING HORSE LN	NORTH END	AAC	E	A	805	40	27,201	81	63	0	37	12/1/23	Surface Treatment - Slurry Seal	6/1/18
151	1	HILARY LN	BARENTS ST	PASEO DE VALENCIA	AAC	E	D	1,050	37	42,219	91	77	0	23	4/6/22	Overlay - AC Fabric	8/1/14
152	1	HITCHING RAIL RD	PRIARESTONE DR	NELLIE GAIL RD	AAC	E	B	1,150	39	44,158	96	100	0	0	3/16/22	Overlay - AC Structural	7/1/11
152	2	HITCHING RAIL RD	CABOT RD	TOMBSTONE RD	AAC	E	B	430	39	15,589	98	100	0	0	3/16/22	Overlay - AC Structural	7/1/07
152	3	HITCHING RAIL RD	TOMBSTONE RD	PRIARESTONE DR	AAC	E	B	1,410	39	59,753	95	100	0	0	3/16/22	Overlay - AC Structural	7/1/11
15	1	HON AVE	ALICIA PKWY	CAMBERWELL ST	AAC	E	E	777	27	20,311	82	62	36	2	3/14/22	Overlay - AC Structural	7/1/11
15	2	HON AVE	CAMBERWELL ST	ALICIA PKWY	AAC	E	E	829	37	22,925	80	40	60	0	3/14/22	Overlay - AC Structural	7/1/11
15	3	HON AVE	CAMBERWELL ST	GEORGIA SUE	AAC	E	E	1,482	33	57,324	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
343	1	HORSESHOE CIR	RED CORRAL RD	SOUTH END	AAC	E	B	396	33	16,167	98	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
154	1	HOUSTON TRAIL	NELLIE GAIL RD	SOUTH END	AAC	E	B	860	36	31,566	98	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
16	1	INDIAN HILL LN	MOULTON PKWY	ASH CREEK LN	AAC	E	E	662	38	23,777	84	97	0	3	12/1/23	Crack Sealing - AC	7/1/05
16	1	INDIAN HILL LN	MOULTON PKWY	ASH CREEK LN	AAC	E	E	662	38	23,777	84	97	0	3	12/1/23	Grinding (Localized)	7/1/05
16	1	INDIAN HILL LN	MOULTON PKWY	ASH CREEK LN	AAC	E	E	662	38	23,777	84	97	0	3	12/1/23	Overlay - AC Structural	7/1/05
16	1	INDIAN HILL LN	MOULTON PKWY	ASH CREEK LN	AAC	E	E	662	38	23,777	84	97	0	3	12/1/23	Patching - AC Deep	7/1/05
16	2	INDIAN HILL LN	LAGUNA HILLS DR	OWL HILL LN	AAC	E	E	485	38	16,188	82	55	28	17	12/4/23	Crack Sealing - AC	7/1/05
16	2	INDIAN HILL LN	LAGUNA HILLS DR	OWL HILL LN	AAC	E	E	485	38	16,188	82	55	28	17	12/4/23	Grinding (Localized)	7/1/05
16	2	INDIAN HILL LN	LAGUNA HILLS DR	OWL HILL LN	AAC	E	E	485	38	16,188	82	55	28	17	12/4/23	Overlay - AC Structural	7/1/05
16	2	INDIAN HILL LN	LAGUNA HILLS DR	OWL HILL LN	AAC	E	E	485	38	16,188	82	55	28	17	12/4/23	Patching - AC Deep	7/1/05
16	3	INDIAN HILL LN	OWL HILL LN	ASH CREEK LN	AAC	E	E	909	38	33,150	73	79	0	21	12/1/23	Crack Sealing - AC	7/1/05
16	3	INDIAN HILL LN	OWL HILL LN	ASH CREEK LN	AAC	E	E	909	38	33,150	73	79	0	21	12/1/23	Grinding (Localized)	7/1/05
16	3	INDIAN HILL LN	OWL HILL LN	ASH CREEK LN	AAC	E	E	909	38	33,150	73	79	0	21	12/1/23	Overlay - AC Structural	7/1/05
16	3	INDIAN HILL LN	OWL HILL LN	ASH CREEK LN	AAC	E	E	909	38	33,150	73	79	0	21	12/1/23	Patching - AC Deep	7/1/05
155	1	IRONWOOD DR	GREEN HILLS LN	MIDDLEIDGE LN	AAC	E	A	900	33	31,745	95	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
156	1	JORIE DR	WEYBURN DR	GEORGIA SUE	AAC	E	E	490	37	19,881	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
157	1	JULIE AVE	HON AVE	SARA LN	AAC	E	E	740	37	26,227	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
158	1	KATIE AVE	JULIE AVE	EAST END	AAC	E	E	435	37	16,218	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
159	1	KENNINGTON DR	PASEO DE VALENCIA	CLARINGTON DR	AAC	E	E	200	37	7,798	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
160	1	KIM CIR	GEORGIA SUE DR	SOUTH END	AAC	E	E	450	37	16,924	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
161	1	KNOTTY PINE RD	McINTYRE ST	MACKENZIE ST	AAC	E	D	525	33	19,009	83	100	0	0	11/26/23	Surface Treatment - Slurry Seal	6/1/18
17	1	LA CADENA DR	PERALTA DR	DEL LAGO DR	AAC	E	F	541	40	22,248	92	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
17	2	LA CADENA DR	VERDUGO DR	DEL LAGO DR	AAC	E	F	709	40	29,708	92	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
163	1	LA CIENEGA ST	RIO GRANDE AVE	SIERRA BONITA DR	AAC	E	C	1,160	37	39,372	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
163	2	LA CIENEGA ST	LA CIENEGA ST	ALISO HILLS DR	AAC	E	C	130	37	4,993	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
164	1	LA CUESTA AVE	TERRA BELLA AVE	SAUSALITO DR	AAC	E	C	1,350	33	45,043	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
165	1	LA HABRA CT	SARITA DR	EAST END	AAC	E	C	330	33	12,657	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
166	1	LA MIRADA ST	ALISAL LN	LINDA VISTA DR	AAC	E	C	1,375	33	44,926	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
167	1	LA SERRA ST	ALISO HILLS DR	NORTH END	AC	E	C	715	38	26,496	67	44	56	0	12/1/23	New Construction - Initial	1/1/80
168	1	LA SUEN RD	CALIFIA DR	PIKE RD	AAC	E	D	1,000	36	39,176	89	83	0	17	4/6/22	Surface Treatment - Slurry Seal	6/1/18
169	1	LARGO DR	WEST END	LINDA VISTA DR	AAC	E	C	1,430	35	50,183	84	51	49	0	11/30/23	Overlay - AC Structural	7/1/11
170	1	LAS ALTURAS AVE	MANDEVILLE DR	MONTE ROYALE ST	AAC	E	C	1,025	37	33,124	73	34	62	4	11/26/23	Overlay - AC Structural	7/1/11
171	1	LAS ALTURAS CT	LAS ALTURAS AVE	EAST END	AAC	E	C	170	43	7,714	80	88	10	2	12/4/23	Overlay - AC Structural	7/1/11
172	1	LAS BOLSAS ST	TASMAN RD	GRISSOM RD	AAC	E	D	1,830	33	60,223	88	54	46	0	5/11/20	Overlay - AC Structural	8/1/12
173	1	LAURAL CREST DR	BRIDLEWOOD DR	PATTERSON	AAC	E	A	1,400	37	51,606	91	57	43	0	5/11/20	Overlay - AC Structural	8/1/12
174	1	LINDA FLORA ST	EAST END	EL SEGUNDO ST	AAC	E	C	890	35	32,775	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
175	2	LINDA VISTA DR	ALISAL AVE	SARITA DR	AAC	E	C	928	37	33,659	79	91	0	9	11/30/23	Overlay - AC Structural	7/1/11

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
175	1	LINDA VISTA DR	LARGO DR	ALISAL AVE	AAC	E	C	1,037	37	36,215	81	88	12	0	11/30/23	Overlay - AC Structural	7/1/11
176	1	LIPARI	TERAMO	END	AAC	E	F	368	35	17,337	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
177	1	LOMBARDI	PASERO	END	AAC	E	F	315	35	13,789	92	44	56	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
178	1	LONE ACRES LN	LOST TRAIL DR	EAST END	AAC	E	A	520	37	20,025	80	64	34	2	4/8/22	Overlay - AC Structural	8/1/14
179	1	LONE PINE CIR	HIDDEN TRAIL RD	EAST END	AAC	E	A	340	38	13,691	92	93	0	7	4/8/22	Overlay - AC Structural	8/1/14
180	1	LOS ALAMITOS AVE	MONTE ROYALE ST	MANDEVILLE DR	AAC	E	C	1,215	37	44,918	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
181	1	LOS CERROS ST	LA CIENEGA ST	SOUTH END	AAC	E	C	230	33	10,124	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
182	1	LOS GATOS DR	BUENA VISTA DR	WEST END	AAC	E	C	490	39	19,961	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
183	1	LOST COLT DR	MAVERICK CIR	STAGELINE DR	AAC	E	A	905	38	30,716	81	50	46	4	5/11/20	Overlay - AC Structural	8/1/12
183	3	LOST COLT DR	BEARGRASS CIR	NELLIE GAIL RD	AAC	E	A	600	40	18,912	90	63	23	14	5/11/20	Overlay - AC Structural	8/1/12
183	2	LOST COLT DR	STAGELINE DR	BEARGRASS CIR	AAC	E	A	1,688	40	56,926	86	45	55	0	5/11/20	Overlay - AC Structural	8/1/12
184	1	LOST TRAIL DR	RAPID FALLS RD	DILLION RD	AAC	E	A	1,880	38	69,669	85	54	46	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
185	1	LOUISA ST	MOULTON PKWY	WEST END	AC	E	C	1,225	33	40,779	91	100	0	0	11/26/23	Surface Treatment - Slurry Seal	11/1/21
186	2	LUNA BONITA DR	ENCANTO CT	ALISO HILLS DR	AAC	E	C	1,549	33	51,367	76	80	16	4	11/22/23	Overlay - AC Structural	7/1/11
186	1	LUNA BONITA DR	LA SERRA ST	ENCANTO CT	AAC	E	C	662	33	21,636	84	97	0	3	11/22/23	Overlay - AC Structural	7/1/11
187	1	LUPITA ST	LOUISA ST	EVA ST	AC	E	C	600	33	19,313	90	78	22	0	11/22/23	Surface Treatment - Slurry Seal	11/1/21
188	1	LUTON ST	CAMBERWELL ST	EAST END	AAC	E	E	380	38	14,203	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
324	1	MACKENZIE CT	MACKENZIE ST	SOUTH END	AC	E	D	85	60	5,045	84	17	83	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
189	1	MACKENZIE ST	LA PAZ RD	KNOTTY PINE RD	AAC	E	D	888	33	30,465	89	88	0	12	4/8/22	Overlay - AC Fabric	8/1/14
189	3	MACKENZIE ST	PIKE RD	CALIFIA DR	AAC	E	D	988	37	35,635	89	87	0	13	4/6/22	Surface Treatment - Slurry Seal	6/1/18
189	2	MACKENZIE ST	KNOTTY PINE RD	LA PAZ RD	AAC	E	D	919	37	31,724	90	82	18	0	4/8/22	Overlay - AC Fabric	8/1/14
189	4	MACKENZIE ST	CALIFIA DR	COUTEAU DR	AAC	E	D	1,542	37	54,141	88	98	2	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
190	1	MADEIRA DR	PADUA DR	SOUTH END	AAC	E	D	290	33	12,919	82	53	47	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
191	1	MAGNOLIA CT	FALLING LEAF DR	SOUTH END	AAC	E	A	555	33	20,100	93	92	0	8	4/7/22	Overlay - AC Structural	8/1/14
192	1	MANDEVILLE DR	EAST END	MOULTON PKWY	AAC	E	C	1,685	38	61,758	80	76	8	16	11/26/23	Overlay - AC Structural	7/1/11
193	1	MAPLE VIEW DR	LAUREL CREST DR	WEST END	AAC	E	A	580	36	21,015	94	91	0	9	4/7/22	Overlay - AC Structural	8/1/14
194	1	MARIN CT	EL CAPITAN LN	SOUTH END	AAC	E	C	205	33	8,720	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
195	1	MARSALA	BARBERA	END	AAC	E	F	967	39	35,878	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
196	1	MAVERICK CIR	WESTRIDGE LN	SOUTH END	AAC	E	A	290	40	11,851	90	57	40	3	5/11/20	Overlay - AC Structural	8/1/12
197	2	MAWSON DR	VELASQUEZ RD	LAS BOLSAS ST	AAC	E	D	1,063	33	33,399	93	93	0	7	4/6/22	Overlay - AC Fabric	8/1/14
197	1	MAWSON DR	WILKES PL	VELASQUEZ RD	AAC	E	D	911	33	29,519	94	89	0	11	4/6/22	Overlay - AC Fabric	8/1/14
198	2	McINTYRE ST	LA PAZ RD	EVERGREEN RD	AAC	E	D	1,500	37	54,783	93	68	32	0	5/11/20	Overlay - AC Structural	8/1/12
198	1	McINTYRE ST	PIKE RD	LA PAZ RD	AAC	E	D	120	33	4,419	89	53	47	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
199	1	MEADOW CREST DR	BRIDLEWOOD DR	NORTH END	AAC	E	A	625	36	23,545	89	55	45	0	5/11/20	Overlay - AC Structural	8/1/12
200	1	MENDOCINO AVE	ALISO HILLS DR	MENDOCINO CT	AAC	E	C	130	36	4,250	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
201	1	MENDOCINO CT	WEST END	EAST OF MENDOCINO AVE	AAC	E	C	1,080	37	40,736	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
202	1	MESSINA	COLONNA	END	AAC	E	F	226	35	9,627	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
203	1	MIDDLERIDGE LN	IRONWOOD DR	WOODBUFF RD	AAC	E	A	235	33	5,944	95	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
204	1	MILANO	TARANTO	MONTOVA	AAC	E	F	198	35	7,593	91	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
22	1	MILL CREEK DR	LAKE FOREST DR	NORTH END OF BRIDGE	AAC	E	F	1,064	40	36,606	100	88	0	12	4/7/22	Overlay - AC Structural	11/1/21
22	2	MILL CREEK DR	SOUTH END OF BRIDGE	RIDGE ROUTE DR	AAC	E	F	2,703	40	106,442	100	84	5	11	4/7/22	Overlay - AC Structural	11/1/21
22	2	MILL CREEK DR	SOUTH END OF BRIDGE	RIDGE ROUTE DR	AAC	E	F	2,703	40	106,442	100	84	5	11	4/7/22	Surface Treatment - Slurry Seal	11/1/21
206	1	MODINA	FORMELLO	END	AAC	E	F	296	35	14,059	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
207	1	MODOC DR	PADUA DR	SOUTH END	AAC	E	D	475	37	19,389	88	76	0	24	4/6/22	Surface Treatment - Slurry Seal	6/1/18
208	1	MONTE ROYALE ST	ALAMEDA AVE	LOS ALAMITOS AVE	AAC	E	C	1,225	37	45,287	79	86	0	14	3/29/18	Overlay - AC Structural	7/1/11
209	1	MONTOVA	MILANO	END	AAC	E	F	268	35	11,707	90	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
210	1	MOORE OAKS RD	DEVONSHIRE RD	NORTH END	AAC	E	A	690	33	25,602	92	88	0	12	5/11/20	Overlay - AC Structural	8/1/12
211	1	MORRO CT	TERRA BELLA AVE	WEST END	AAC	E	C	230	33	9,463	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
212	1	MT DIABLO RD	GLEN CANYON DR	SOUTH END	AAC	E	B	1,300	36	46,307	89	76	24	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
213	2	MUSTANG DR	FARRIER	APPALOOSA PL	AAC	E	B	1,372	39	51,031	92	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
213	1	MUSTANG DR	NELLIE GAIL RD	FARRIER	AAC	E	B	648	39	23,933	92	100	0	0	3/16/22	Overlay - AC Structural	7/1/11
213	3	MUSTANG DR	APPALOOSA PL	BUCKSKIN DR	AAC	E	B	1,417	39	53,199	94	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
214	1	NAPOLI	PALERMO	END	AAC	E	F	495	35	18,566	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
215	1	NATAMA CT	TERRA BELLA AVE	WEST END	AAC	E	C	210	33	8,952	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
25	1	NELLIE GAIL RD	OSO PKWY	DAPPLE GREY DR	AAC	E	B	468	24	17,591	96	54	0	46	3/16/22	Crack Sealing - AC	2/12/08
25	2	NELLIE GAIL RD	DAPPLE GREY DR	BUCKBOARD LN	AAC	E	B	470	38	18,795	93	75	0	25	3/16/22	Crack Sealing - AC	2/12/08
25	3	NELLIE GAIL RD	BUCKBOARD LN	CHAPARRAL PL	AAC	E	B	1,284	38	47,504	97	100	0	0	3/16/22	Crack Sealing - AC	2/12/08
25	4	NELLIE GAIL RD	CHAPARRAL PL	HOUSTON TR	AAC	E	B	593	38	22,731	95	100	0	0	3/16/22	Crack Sealing - AC	2/12/08
25	5	NELLIE GAIL RD	PRAIRIESTONE DR	GLEN CANYON DR	AAC	E	B	714	38	27,037	96	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
25	6	NELLIE GAIL RD	RED CORRAL RD	GALLUP CIR	AAC	E	B	854	38	30,993	97	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
25	7	NELLIE GAIL RD	GLEN CANYON DR	GALLUP CIR	AAC	E	B	575	38	22,910	98	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
25	8	NELLIE GAIL RD	HOUSTON TR	MUSTANG DR	AAC	E	B	492	38	17,973	96	100	0	0	3/16/22	Crack Sealing - AC	2/12/08

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
25	10	NELLIE GAIL RD	OSO PKWY	LANE MERGE	AAC	E	A	983	20	19,855	83	83	14	3	12/4/23	Surface Treatment - Slurry Seal	6/1/18
25	11	NELLIE GAIL RD	ROCKING HORSE LN	EMPTY SADDLE DR	AAC	E	A	611	38	22,929	75	35	64	1	12/1/23	Surface Treatment - Slurry Seal	6/1/18
25	12	NELLIE GAIL RD	LOST COLT DR	MOULTON PKWY	AAC	E	A	575	19	9,886	79	61	39	0	12/4/23	Surface Treatment - Slurry Seal	6/1/18
25	13	NELLIE GAIL RD	LOST COLT DR	RED LODGE PL	AAC	E	A	645	40	24,097	82	87	13	0	12/1/23	Surface Treatment - Slurry Seal	6/1/18
25	14	NELLIE GAIL RD	RED LODGE PL	ROCKING HORSE LN	AAC	E	A	1,606	40	60,747	78	62	36	2	12/4/23	Overlay - AC Structural	7/1/17
25	15	NELLIE GAIL RD	ROAD SPLIT	EMPTY SADDLE DR	AAC	E	A	321	38	11,759	80	61	39	0	12/4/23	Surface Treatment - Slurry Seal	6/1/18
25	16	NELLIE GAIL RD	MOULTON PKWY	LOST COLT DR	AAC	E	A	603	20	10,300	81	61	39	0	12/4/23	Overlay - AC Structural	7/1/17
25	17	NELLIE GAIL RD	LANE MERGE	OSO PKWY	AAC	E	A	968	20	21,182	78	62	28	10	12/4/23	Patching - AC Deep	8/1/14
25	18	NELLIE GAIL RD	SHERIFF RD	PRAIRIESTONE DR	AAC	E	B	704	38	25,935	96	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
25	19	NELLIE GAIL RD	BUCKLESTONE CT	SHERIFF RD	AAC	E	B	849	38	31,480	96	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
25	20	NELLIE GAIL RD	BUCKLESTONE CT	CABOT RD	AAC	E	B	758	38	29,011	97	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
25	9	NELLIE GAIL RD	MUSTANG DR	BRIDLEWOOD DR	AAC	E	B	409	38	15,544	95	54	46	0	3/16/22	Crack Sealing - AC	2/12/08
25	21	NELLIE GAIL RD	NELLIE GAIL RD	RED CORRAL	AAC	E	B	665	38	24,728	96	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
216	1	NORTHURP DR	VELASQUEZ RD	LAS BOLSAS ST	AAC	E	D	1,400	33	46,888	90	100	0	0	4/6/22	Overlay - AC Fabric	8/1/14
217	1	NOTTINGHAM CT	OSO PKWY	DEVONSHIRE RD	AAC	E	A	1,409	38	51,769	88	42	54	4	5/11/20	Overlay - AC Structural	8/1/12
217	2	NOTTINGHAM CT	DEVONSHIRE RD	BRADFORD LN	AAC	E	A	899	38	32,249	88	76	19	5	5/11/20	Overlay - AC Structural	8/1/12
218	1	OAK HOLLOW RD	ELM BANK DR	NORTH END	AAC	E	A	180	38	8,035	92	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
219	1	OAK LEAF RD	SPRUCE LN	EVERGREEN RD	AAC	E	D	860	37	33,484	77	37	63	0	11/26/23	Surface Treatment - Slurry Seal	6/1/18
220	2	ORELLANO WY	ORELLANO WY	END	AAC	E	D	105	33	5,745	89	95	0	5	11/30/23	Surface Treatment - Slurry Seal	7/1/14
220	1	ORELLANO WY	PIKE RD	NORTH END	AAC	E	D	870	36	27,834	86	93	0	7	4/8/22	Overlay - AC Fabric	8/1/14
221	1	OROVILLE PL	MT DIABLO RD	SOUTH END	AAC	E	B	605	37	24,466	93	66	34	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
222	1	OVERLAND DR	CAJON DR	WEST END	AAC	E	D	570	36	20,437	90	100	0	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
223	1	PADOVA	MARSALA	END	AAC	E	F	268	35	12,620	94	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
224	1	PADUA DR	LA SUEN RD	MACKENZIE ST	AAC	E	D	885	36	31,702	88	60	40	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
225	1	PAIGE CIR	GEORGIA SUE DR	SOUTH END	AAC	E	E	675	37	25,189	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
226	1	PALERMO	SAN REMO DR	TARANTO	AAC	E	F	964	35	31,074	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
227	1	PASEO DE ALICIA	ALICIA PKWY	EAST END	AAC	E	D	260	60	15,172	85	47	42	11	5/11/20	Overlay - AC Structural	8/1/12
228	1	PATRICIA ST	LUPITA ST	EAST END	AC	E	C	420	37	15,727	85	100	0	0	11/22/23	Surface Treatment - Slurry Seal	11/1/21
229	1	PATTERSON PL	LAUREL CREST DR	MOORE OAKS RD	AAC	E	A	360	37	12,715	91	63	37	0	5/11/20	Overlay - AC Structural	8/1/12
230	1	PECOS RD	HITCHING RAIL RD	WEST END	AAC	E	B	1,220	36	43,924	92	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
29	1	PERALTA DR	LA CADENA DR	ALCALDE DR	AAC	E	F	1,346	40	53,502	93	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
29	2	PERALTA DR	ALCADE DR	RIDGE ROUTE DR	AAC	E	F	570	40	20,693	90	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
232	1	PESARO	SAN REMO DR	END	AAC	E	F	850	42	32,684	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
233	1	PIKE RD	LA SUEN RD	MACKENZIE ST	AAC	E	D	962	33	32,366	85	49	48	3	4/6/22	Surface Treatment - Slurry Seal	6/1/18
233	2	PIKE RD	MACKENZIE ST	GRISSOM RD	AAC	E	D	1,157	33	37,217	87	39	53	8	5/11/20	Overlay - AC Structural	8/1/12
234	1	PINE NUT RD	TREE TOP RD	PASEO DE VALENCIA	AAC	E	D	120	37	5,110	94	89	0	11	5/11/20	Overlay - AC Structural	8/1/12
235	1	PINE STRAP CIR	HIDDEN TRAIL RD	WEST END	AAC	E	A	725	33	27,434	78	73	27	0	4/8/22	Overlay - AC Structural	8/1/14
236	1	PINEWOOD LN	WEST END	OAK LEAF RD	AAC	E	D	235	33	10,244	81	47	38	15	11/26/23	Surface Treatment - Slurry Seal	6/1/18
237	1	PINTO CT	LOST TRAIL DR	EAST END	AAC	E	A	170	33	8,226	82	100	0	0	4/8/22	Overlay - AC Structural	8/1/14
31	1	PLAZA POINTE DR	AVENIDA DE LA CARLOTA	SOUTH POINTE DR	AAC	E	F	895	35	35,210	95	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
239	1	POINTSETTIA CT	WOOD BROOD RD	NORTH END	AAC	E	A	150	33	7,038	95	87	0	13	4/7/22	Overlay - AC Structural	8/1/14
240	1	POKER FLATS PL	NELLIE GAIL RD	NORTH END	AAC	E	B	310	40	12,786	98	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
241	1	PONCE CT	LINDA VISTA DR	SOUTH END	AAC	E	C	205	33	9,101	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
242	1	PRAIRESTONE DR	NELLIE GAIL RD	HITCHING RAIL RD	AAC	E	B	1,525	39	53,006	92	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
243	1	PRESIDO DR	EL DORADO DR	CALIFIA DR	AAC	E	D	490	36	18,476	87	50	50	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
347	1	RAIN TREE RD	GREEN HILLS LN	EAST END	AAC	E	A	646	33	25,006	95	93	0	7	4/7/22	Overlay - AC Structural	8/1/14
244	1	RAMONA ST	YOLANDA ST	ALICIA PKWY	AC	E	C	475	31	15,789	92	100	0	0	11/22/23	Surface Treatment - Slurry Seal	11/1/21
245	1	RANGEWOOD RD	GALLUP CIR	EAST END	AAC	E	B	1,290	36	46,135	94	100	0	0	3/16/22	Overlay - AC Structural	7/1/11
32	1	RAPID FALLS RD	CABOT RD	SUNDOWNER DR	AAC	E	A	997	38	36,020	86	51	43	6	5/11/20	Overlay - AC Structural	8/1/12
32	2	RAPID FALLS RD	SUNDOWNER DR	LOST TRAIL DR	AAC	E	A	1,055	38	38,956	81	45	49	6	5/11/20	Overlay - AC Structural	8/1/12
32	3	RAPID FALLS RD	LOST TRAIL DR	HIDDEN TRAIL RD	AAC	E	A	1,292	38	47,436	83	43	50	7	5/11/20	Overlay - AC Structural	8/1/12
246	1	RED BARN CIR	NELLIE GAIL RD	NORTH END	AAC	E	A	165	33	7,822	75	81	15	4	11/30/23	Surface Treatment - Slurry Seal	6/1/18
247	2	RED CORRAL RD	HORSESHOE	MUSTANG DR	AAC	E	B	1,003	34	32,473	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
247	1	RED CORRAL RD	NELLIE GAIL RD	HORSESHOE	AAC	E	B	1,370	34	44,839	94	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
248	1	RED LODGE PL	NELLIE GAIL RD	WEST END	AAC	E	A	685	40	23,012	88	73	27	0	11/30/23	Surface Treatment - Slurry Seal	6/1/18
249	1	RICH SPRINGS CIR	HITCHING RAIL RD	WEST END	AAC	E	B	175	44	8,147	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
250	1	RICKENBACKER RD	PIKE RD	LA PAZ RD	AAC	E	D	135	33	4,867	86	45	55	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
251	1	RIMINI	SAN REMO DR	END	AAC	E	F	250	35	10,483	94	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
252	1	RIO GRANDE AVE	TALEGA AVE	LA CIENEGA ST	AAC	E	C	880	37	36,441	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
253	1	RITTEN HOUSE CIR	ASHLAND DR	NORTH END	AAC	E	E	420	37	15,801	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
254	1	ROCKING HORSE LN	NELLIE GAIL RD	NORTH END	AAC	E	A	970	39	32,425	81	58	40	2	11/26/23	Surface Treatment - Slurry Seal	6/1/18
255	1	ROCKRIDGE RD	HIDDEN TRAIL RD	EAST END	AAC	E	A	995	36	35,695	86	27	64	9	4/8/22	Surface Treatment - Slurry Seal	6/1/18

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
256	1	RODEO CIR	HIDDEN TRAIL RD	EAST END	AAC	E	A	415	38	15,843	82	66	31	3	4/8/22	Overlay - AC Structural	8/1/14
257	1	ROLLING HILLS RD	WILLOW TREE LN	WEST END	AAC	E	A	515	33	17,948	90	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
258	1	ROSA ST	LUPITA ST	NORTH END	AC	E	C	560	36	19,984	89	100	0	0	11/26/23	Surface Treatment - Slurry Seal	11/1/21
259	1	SADDLEHORN LN	BUCKSKIN LN	SOUTH END	AAC	E	B	315	39	13,308	80	94	0	6	12/4/23	Surface Treatment - Slurry Seal	11/1/21
260	1	SADDLEROCK PL	BRIDLEWOOD DR	WEST END	AAC	E	B	540	37	20,465	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
261	1	SALFORD ST	SOUTHPORT ST	COSTEAU ST	AAC	E	E	950	33	33,748	86	57	40	3	4/6/22	Overlay - AC Structural	7/1/11
262	1	SAN DONA	GENOVA	END	AAC	E	F	312	35	14,257	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
263	1	SAN PEDRO AVE	ANACAPA ST	TALEGA AVE	AAC	E	C	625	33	24,255	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
34	1	SAN REMO DR	TERAMO	SANTA VITTORIA DR.	AAC	E	F	1,100	32	34,543	89	98	2	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
34	2	SAN REMO DR	PESARO	TERAMO	AAC	E	F	612	32	19,837	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
34	3	SAN REMO DR	PALERMO	SANTA MARIA AVE	AC	E	F	539	32	16,095	88	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
34	4	SAN REMO DR	PALERMO	PESARO	AAC	E	F	482	32	15,198	86	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
265	1	SANDIA CT	TERRA BELLA AVE	NORTH END	AAC	E	C	425	37	18,023	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
266	1	SANDRIDGE CIR	WESTRIDGE LN	EAST END	AAC	E	A	135	46	6,755	83	65	28	7	4/8/22	Overlay - AC Structural	8/1/14
267	1	SANTA ROSA AVE	MANDEVILLE DR	SUNDANCE AVE	AAC	E	C	690	37	25,787	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
269	1	SARA LN	PAIGE CIR	EAST END	AAC	E	E	650	38	24,235	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
270	2	SARITA DR	LA HABRA CT	ALISAL LN	AAC	E	C	445	33	13,947	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
270	1	SARITA DR	LINDA VISTA DR	LA HABRA CT	AC	E	C	222	33	10,570	91	98	0	2	11/30/23	New Construction - Initial	1/1/80
271	1	SAUSALITO ST	ALAMEDA AVE	EAST END	AAC	E	C	1,325	35	45,077	81	91	0	9	11/22/23	Overlay - AC Fabric	1/1/20
272	1	SAVONA	BARBERA	END	AAC	E	E	284	35	14,601	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
273	1	SHEANDOAH DR	HIDDEN TRAIL RD	SOUTH END	AAC	E	A	550	41	22,289	87	49	44	7	11/26/23	Surface Treatment - Slurry Seal	6/1/18
274	1	SHERIFF RD	NELLIE GAIL RD	EAST END	AAC	E	B	775	36	30,529	93	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
275	1	SIERRA BONITA DR	LA CIENEGA ST	ALISO HILLS DR	AAC	E	C	140	42	8,516	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
276	1	SILVER SADDLE LN	BUCKSKIN DR	SOUTH END	AAC	E	B	315	39	13,194	82	55	43	2	11/26/23	Surface Treatment - Slurry Seal	11/1/21
277	1	SOLANO CT	ALAMEDA AVE	EAST END	AAC	E	C	245	40	10,152	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
278	1	SORESINA	TERAMO	ADAMO	AAC	E	F	655	35	21,921	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
279	1	SORRELL PL	BUCKSKIN DR	EAST END	AAC	E	B	280	34	11,593	88	100	0	0	11/26/23	Surface Treatment - Slurry Seal	11/1/21
35	1	SOUTH POINTE DR	PLAZA POINTE DR	END	AAC	E	F	487	40	21,196	97	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
35	2	SOUTH POINTE DR	PLAZA POINTE DR	PERALTA RD	AAC	E	F	871	40	33,739	95	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
281	1	SOUTHAMPTON CT	CREEKVIEW DR	NORTH END	AAC	E	E	75	61	4,554	76	100	0	0	12/4/23	Overlay - AC Structural	6/1/18
282	1	SOUTHPORT CT	SOUTHPORT ST	NORTH END	AAC	E	E	140	45	6,625	91	94	0	6	4/6/22	Overlay - AC Structural	7/1/11
283	1	SOUTHPORT ST	WOOLWICH ST	EAST END	AAC	E	E	1,570	34	53,832	79	71	28	1	4/6/22	Overlay - AC Structural	7/1/11
284	1	SPOTTED PONY LN	EAST END	WEST END	AAC	E	A	955	39	30,432	84	87	13	0	11/30/23	Surface Treatment - Slurry Seal	6/1/18
285	1	SPRUCE LN	WEST END	OAK LEAF RD	AAC	E	D	330	42	13,199	81	58	42	0	12/1/23	Surface Treatment - Slurry Seal	6/1/18
286	1	SPUR BRANCH LN	HITCHING RAIL RD	EAST END	AAC	E	B	760	36	28,184	94	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
287	1	STAGE COACH DR	MACKENZIE ST	EL DORADO DR	AAC	E	D	625	37	24,100	85	57	40	3	4/8/22	Surface Treatment - Slurry Seal	6/1/18
288	1	STAGELINE DR	LOST COACH DR	HIDDEN TRAIL RD	AAC	E	A	1,820	38	68,144	90	97	0	3	4/8/22	Overlay - AC Structural	8/1/14
289	1	STAGEWOOD CT	STAGELINE DR	NORTH END	AAC	E	A	355	38	14,585	91	100	0	0	4/8/22	Overlay - AC Structural	8/1/14
290	1	STENSON PL	BUCKSBOARD LN	NORTH END	AAC	E	B	625	39	22,856	85	60	40	0	11/30/23	Surface Treatment - Slurry Seal	11/1/21
291	1	STOCKPORT ST	WILKES PL	FIRE GATE	AAC	E	E	635	36	22,465	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
291	2	STOCKPORT ST	PASEO DE VALENCIA	FIRE GATE	AAC	E	E	570	35	19,251	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
292	1	STRATFORD PL	NOTTINGHAM PL	NORTH END	AAC	E	A	265	40	10,707	95	93	0	7	4/7/22	Overlay - AC Structural	8/1/14
293	1	SUNBURST AVE	PASEO DE VALENCIA	LARGO DR	AAC	E	C	120	37	4,222	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
294	1	SUNDANCE AVE	SANTA ROSA AVE	LOS ALAMITOS AVE	AAC	E	C	420	37	16,235	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
295	1	SUNDOWNER DR	RAPID FALLS RD	NORTH END	AAC	E	A	310	38	11,253	87	41	25	34	5/11/20	Overlay - AC Structural	8/1/12
296	3	SUNSET PL (E & W LOOP)	SUNSET PL	SUNSET PL EAST	AAC	E	E	853	34	30,690	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
296	2	SUNSET PL (E & W LOOP)	SUNSET PL	SUNSET PL WEST	AAC	E	E	768	34	26,414	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
296	1	SUNSET PL (E & W LOOP)	BECKENHAM ST	SUNSET PL	AAC	E	E	172	34	4,964	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
297	1	SUTTER DR	EL DORADO DR	WEST END	AAC	E	D	600	36	22,524	83	37	63	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
298	1	SYCAMORE LN	McINTYRE ST	WEST END	AAC	E	D	110	27	2,739	87	91	0	9	12/1/23	Surface Treatment - Slurry Seal	6/1/18
299	1	TALEGA AVE	SAN PEDRO AVE	ALAMEDA AVE	AAC	E	C	875	37	30,496	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
300	1	TARANTO	VENISIA	SAN REMO DR	AAC	E	F	902	35	19,565	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
300	2	TARANTO	TREVISIO	VENISIA	AAC	E	F	803	35	27,905	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
301	1	TASMAN RD	ERICSON WY	VELASQUEZ RD	AAC	E	D	985	33	31,308	88	94	0	6	4/6/22	Overlay - AC Fabric	8/1/14
302	1	TERAMO	SAN REMO	MARSALA	AAC	E	F	747	39	27,343	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
303	1	TERNI	SORESINA	END	AAC	E	F	330	35	12,025	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
304	2	TERRA BELLA AVE	MORRO CT	SOUTH END	AAC	E	C	883	38	33,426	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
304	1	TERRA BELLA AVE	ALISO HILLS DR	MORRO CT	AAC	E	C	1,204	38	42,065	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
38	1	TERRA DR	LA CADENA DR	END	AAC	E	F	158	40	8,474	92	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
306	1	TOCALOMA CT	ALAMEDA AVE	EAST END	AAC	E	C	575	29	17,375	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
307	1	TOLUCA CT	LINDA FLORA ST	NORTH END	AAC	E	C	410	37	15,449	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
308	1	TOMBSTONE RD	OSO PKWY	HITCHING RAIL RD	AAC	E	B	315	20	6,913	91	45	55	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
309	1	TORINO	TARANTO	TORINO	AAC	E	F	252	35	7,054	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
309	2	TORINO	WEST END	EAST END	AAC	E	F	298	35	20,018	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
310	1	TREE TOP RD	FIR LN	EAST END	AAC	E	D	930	37	35,023	90	55	21	24	5/11/20	Overlay - AC Structural	8/1/12
311	1	TREVISIO	NAPOLI	END	AAC	E	F	425	35	10,508	94	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
312	1	VALERIE ST	BENTLEY LN	COSTEAU DR	AAC	E	D	225	36	8,627	81	36	64	0	11/30/23	Overlay - AC Structural	7/1/11
313	2	VELASQUEZ RD	MAWSON DR	EARHART	AAC	E	D	288	33	9,661	77	80	20	0	11/30/23	Patching - AC Deep	8/1/14
313	3	VELASQUEZ RD	GRISSOM RD	PASEO DE VALENCIA	AC	E	D	145	33	5,469	79	63	31	6	11/30/23	Patching - AC Deep	8/1/14
313	5	VELASQUEZ RD	EARHART	NORTHUP	AAC	E	D	276	33	9,411	79	73	21	6	11/30/23	Patching - AC Deep	8/1/14
313	4	VELASQUEZ RD	TASMAN RD	COSTEAU DR	AAC	E	D	260	33	8,983	94	100	0	0	4/6/22	Overlay - AC Fabric	8/1/14
313	1	VELASQUEZ RD	TASMAN RD	NORTHUP DR	AAC	E	D	610	33	20,363	89	97	0	3	4/6/22	Overlay - AC Fabric	8/1/14
314	1	VENISIA	TARANTO	END	AAC	E	F	287	35	11,383	94	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
39	1	VERDUGO DR	LA CADENA DR	EL PACIFICO DR	AAC	E	F	587	36	23,434	92	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
39	2	VERDUGO DR	ALCALDE DR	EL PACIFICO DR	AAC	E	F	560	36	22,708	93	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
316	1	VERONA	TARANTO	END	AAC	E	F	328	35	14,216	95	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
317	2	VESPUCCI RD	LAS BOLSAS ST	VELASQUEZ RD	AAC	E	D	1,055	33	34,292	92	84	0	16	4/6/22	Overlay - AC Fabric	8/1/14
317	1	VESPUCCI RD	CHAMPLAIN RD	DE SALLE ST	AAC	E	D	160	33	6,456	92	96	0	4	5/11/20	Overlay - AC Structural	8/1/12
318	1	VIA BALBOA	CALLE CARMEL	END	AAC	E	E	300	33	11,112	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
319	1	VIA LOMAS	MOULTON PKWY	ALICIA PKWY	AC	E	E	2,600	37	95,841	67	49	51	0	3/14/22	New Construction - Initial	1/1/80
40	1	VISTA GRANDE DR	PERALTA DR	END	AAC	E	F	443	40	19,084	91	98	2	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
321	1	VISTA VIEJO	CITY LIMIT	DEVONSHIRE RD	AAC	E	A	1,530	39	53,056	86	23	77	0	5/11/20	Overlay - AC Structural	8/1/12
322	1	WAGON WHEEL DR	HIDDEN TRAIL RD	EAST END	AAC	E	A	785	36	26,820	81	64	36	0	11/30/23	Surface Treatment - Slurry Seal	6/1/18
323	1	WATERWHEEL PL	HITCHING RAIL RD	EAST END	AAC	E	B	390	38	15,558	91	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
325	1	WELLS FARGO DR	CAJON DR	MACKENZIE ST	AAC	E	D	625	37	23,911	87	50	50	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
326	1	WESTRIDGE LN	LOST COLT DR	SANDRIDGE CIR	AAC	E	A	2,031	38	75,320	86	59	41	0	5/11/20	Overlay - AC Structural	8/1/12
326	2	WESTRIDGE LN	SANDRIDGE CIR	MAVERICK CIR	AAC	E	A	655	38	24,632	85	42	44	14	5/11/20	Overlay - AC Structural	8/1/12
327	1	WEYBURN DR	ASHLAND DR	EAST END	AAC	E	E	770	37	27,632	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
328	1	WHITE ALDER LN	McINTYRE ST	OAK LEAF RD	AAC	E	D	435	37	16,224	83	80	0	20	11/26/23	Surface Treatment - Slurry Seal	6/1/18
329	1	WHITE OAKS DR	LAUREL CREST DR	SOUTH END	AAC	E	A	950	33	35,751	91	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
330	1	WILD VIEW TER	DAPPLE GREY DR	SOUTH END	AAC	E	B	410	38	16,974	92	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
331	2	WILKES PL	GRISSOM RD	ALICIA PKWY	AAC	E	D	1,125	33	37,401	94	100	0	0	4/6/22	Overlay - AC Fabric	8/1/14
331	1	WILKES PL	ALICIA PKWY	NW to FIRE GATE	AAC	E	E	1,560	36	56,464	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
332	1	WILLOW TREE LN	FALLING LEAF DR	ROLLING HILLS RD	AAC	E	A	275	33	11,023	95	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
334	2	WOOD BLUFF RD	ELDERBROOK LN	FALLING LEAF DR	AAC	E	A	1,902	37	70,544	94	94	0	6	4/7/22	Overlay - AC Structural	8/1/14
334	1	WOOD BLUFF RD	VISTA VIEJO	ELDERBROOK LN	AAC	E	A	1,142	37	40,496	92	67	33	0	5/11/20	Overlay - AC Structural	8/1/12
335	1	WOOD BROOK RD	LAUREL CREST	WEST END	AAC	E	A	465	33	17,329	93	73	0	27	4/7/22	Overlay - AC Structural	8/1/14
336	1	WOODCREEK DR	SW to CREEKVIEW DR	LOS ALISOS BLVD	AAC	E	E	245	33	8,798	85	85	15	0	11/30/23	Overlay - AC Structural	6/1/18
337	1	WOOLWICH CT	WOOLWICH ST	WEST END	AAC	E	E	150	45	6,916	83	100	0	0	4/6/22	Overlay - AC Structural	7/1/11
338	2	WOOLWICH ST	WOOLWICH CT	WILKES PL	AAC	E	E	1,030	32	33,087	92	100	0	0	4/6/22	Overlay - AC Structural	7/1/11
338	1	WOOLWICH ST	COSTEAU ST	WOOLWICH CT	AAC	E	E	445	33	14,821	82	100	0	0	4/6/22	Overlay - AC Structural	7/1/11
339	1	YOLANDA ST	EVA ST	RAMONA ST	AC	E	C	800	33	25,680	88	79	21	0	11/30/23	Surface Treatment - Slurry Seal	11/1/21
350	1	YORK CIR	WILKES PL	WEST END	AAC	E	E	605	33	21,669	82	47	51	2	4/6/22	Overlay - AC Structural	7/1/11
341	1	ZUMAYA CT	WEST END	BUENA VISTA DR	AAC	E	C	470	37	17,010	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
								63.7		12,189,130							

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
Arterials / Collectors (MPAH)																	
28	27	PASEO DE VALENCIA	HEALTH CENTER DR	CALLE DE LA MAGDALENA	AAC	B	E	1,088	40	43,154	44	28	69	3	12/29/23	Overlay - AC Structural	7/1/08
28	31	PASEO DE VALENCIA	CALLE DE LA MAGDALENA	CALLE DE LA PLATA	AAC	B	E	697	40	29,659	48	47	46	7	12/29/23	Overlay - AC Structural	7/1/08
28	32	PASEO DE VALENCIA	LAGUNA HILLS DR	BECKENHAM ST	AAC	B	E	1,559	34	63,532	49	66	33	1	12/29/23	Overlay - AC Structural	7/1/08
28	29	PASEO DE VALENCIA	LOS ALISOS BLVD	HEALTH CENTER DR	AAC	B	E	1,733	45	69,166	52	59	33	8	12/29/23	Overlay - AC Structural	7/1/08
6	12	AVENIDA DE LA CARLOTA	PASEO DE VALENCIA	RIDGE ROUTE DR	AAC	B	F	3,049	38	87,210	52	53	40	7	12/29/23	Surface Course - AC	7/1/04
28	33	PASEO DE VALENCIA	BECKENHAM ST	KENNINGTON DR	AAC	B	E	570	34	23,336	54	60	35	5	12/29/23	Overlay - AC Structural	7/1/08
28	3	PASEO DE VALENCIA	CALLE DE LA PLATA	CALLE DE LA MAGDALENA	AAC	B	E	742	36	30,117	55	59	38	3	12/29/23	Overlay - AC Structural	7/1/08
6	3	AVENIDA DE LA CARLOTA	LAKE FOREST DR	PLAZA POINTE DR	AAC	B	F	689	30	17,519	55	48	37	15	12/28/23	Surface Course - AC	7/1/04
28	1	PASEO DE VALENCIA	CALLE DE LA MAGDALENA	HEALTH CENTER DR	AAC	B	E	1,139	34	45,817	56	35	61	4	12/29/23	Overlay - AC Structural	7/1/08
28	2	PASEO DE VALENCIA	EL TORO RD	CALLE DE LA PLATA	AAC	B	E	1,040	40	45,446	56	46	30	24	12/28/23	Overlay - AC Structural	7/1/08
18	17	LA PAZ RD	CABOT RD	MC INTYRE ST	AAC	B	D	836	30	30,149	56	21	74	5	12/17/23	Overlay - AC Structural	7/1/08
28	10	PASEO DE VALENCIA	KENNINGTON DR	LOS ALISOS BLVD	AAC	B	E	1,233	35	50,394	56	65	31	4	12/29/23	Overlay - AC Structural	7/1/08
6	2	AVENIDA DE LA CARLOTA	RIDGE ROUTE DR	PASEO DE VALENCIA	AAC	B	F	3,051	38	88,207	57	68	23	9	12/28/23	Surface Course - AC	7/1/04
18	15	LA PAZ RD	MC INTYRE ST	CHAMPLAIN RD	AAC	B	D	1,015	30	33,323	59	38	58	4	12/17/23	Overlay - AC Structural	7/1/08
4	14	ALICIA PKWY	HON AVE	COSTEAU ST	AAC	B	E	911	42	43,886	59	50	50	0	12/17/23	Surface Course - AC	7/1/04
28	34	PASEO DE VALENCIA	LOS ALISOS BLVD	KENNINGTON DR	AAC	B	E	1,287	34	53,698	59	73	19	8	12/29/23	Overlay - AC Structural	7/1/08
23	16	MOULTON PKWY	OSO PKWY	LA PAZ RD	AAC	B	B	1,384	36	61,005	60	56	44	0	12/28/23	Surface Course - AC	7/1/99
6	14	AVENIDA DE LA CARLOTA	PLAZA POINTE DR	LAKE FOREST DR	AAC	B	F	585	60	19,070	61	66	29	5	12/28/23	Surface Course - AC	7/1/04
18	14	LA PAZ RD	PASEO DE VALENCIA	ALISO HILLS DR	AAC	B	C	2,068	40	80,657	61	62	29	9	12/6/23	Overlay - AC Structural	7/1/08
28	7	PASEO DE VALENCIA	BECKENHAM ST	LAGUNA HILLS DR	AAC	B	E	1,554	34	60,304	62	50	45	5	12/29/23	Overlay - AC Structural	7/1/08
27	12	OSO PKWY	TOMBSTONE RD	CABOT RD	AAC	B	B	365	54	23,851	62	80	0	20	12/28/23	Surface Course - AC	7/1/99
6	11	AVENIDA DE LA CARLOTA	RIDGE ROUTE DR	COMMERCE CENTER	AAC	B	F	792	29	23,202	62	65	26	9	12/29/23	Surface Course - AC	7/1/04
23	9	MOULTON PKWY	VIA LOMAS	INDIAN HILL LN	AAC	B	E	1,037	42	45,239	62	39	51	10	12/17/23	Overlay - AC Structural	4/1/10
28	30	PASEO DE VALENCIA	CALLE DE LA PLATA	EL TORO RD	AAC	B	E	1,008	40	47,444	63	45	55	0	12/29/23	Overlay - AC Structural	7/1/08
18	13	LA PAZ RD	MOULTON PKWY	W. CITY LIMITS	AAC	B	C	840	50	57,142	63	50	48	2	12/20/23	Overlay - AC Structural	7/1/08
23	27	MOULTON PKWY	INDIAN HILL LN	VIA LOMAS	AAC	B	E	1,010	41	54,610	63	74	21	5	12/17/23	Overlay - AC Structural	4/1/10
6	5	AVENIDA DE LA CARLOTA	PLAZA POINTE DR	COMMERCE CENTER	AAC	B	F	2,408	30	66,411	64	78	16	6	12/20/23	Surface Course - AC	7/1/04
27	15	OSO PKWY	BRIDLEWOOD DR	TOMBSTONE RD	AAC	B	B	2,225	42	96,729	64	79	14	7	12/13/23	Overlay - AC Structural	7/1/08
6	13	AVENIDA DE LA CARLOTA	COMMERCE CENTER	PLAZA POINTE DR	AAC	B	F	2,453	29	73,670	65	80	15	5	12/20/23	Surface Course - AC	7/1/04
4	15	ALICIA PKWY	COSTEAU ST	WILKES PL	AAC	B	E	1,714	42	73,727	65	36	64	0	12/17/23	Surface Course - AC	7/1/04
8	13	CABOT RD	N. CITY LIMITS	RAPID FALLS RD	AAC	B	A	174	40	6,089	65	99	0	1	12/28/23	Overlay - AC Structural	7/10/17
28	8	PASEO DE VALENCIA	KENNINGTON DR	BECKENHAM ST	AAC	B	E	571	35	23,302	65	37	48	15	12/29/23	Overlay - AC Structural	7/1/08
23	26	MOULTON PKWY	INDIAN HILL LN	SOUTH END OF BRIDGE	AAC	B	E	857	40	34,170	65	76	18	6	12/13/23	Overlay - AC Structural	4/1/10
28	16	PASEO DE VALENCIA	SUNBURST AVE	ALICIA PKWY	AAC	B	D	1,187	38	57,590	65	66	34	0	12/13/23	Overlay - AC Structural	7/1/08
23	22	MOULTON PKWY	ALICIA PKWY	MANDEVILLE DR	AAC	B	C	1,566	48	66,270	65	63	30	7	12/17/23	Surface Course - AC	7/1/99
18	11	LA PAZ RD	ALISO HILLS DR	GALLUP CIR	AAC	B	C	930	40	36,465	65	83	13	4	12/13/23	Overlay - AC Structural	7/1/08
23	28	MOULTON PKWY	LAGUNA HILLS DR	NORTH END OF BRIDGE	AAC	B	E	611	33	36,589	65	92	8	0	12/20/23	Overlay - AC Structural	4/1/10
18	8	LA PAZ RD	GALLUP CIR	ALAMEDA AVE	AAC	B	C	3,234	40	129,940	66	67	29	4	12/13/23	Overlay - AC Structural	7/1/08
28	9	PASEO DE VALENCIA	HEALTH CENTER DR	LOS ALISOS BLVD	AAC	B	E	1,667	45	71,789	66	50	35	15	12/29/23	Overlay - AC Structural	7/1/08
18	18	LA PAZ RD	CHAMPLAIN RD	PASEO DE VALENCIA	AAC	B	D	962	30	30,684	66	46	31	23	12/17/23	Overlay - AC Structural	7/1/08
6	1	AVENIDA DE LA CARLOTA	EL TORO RD	PVMT CHNGE 650' E/ OAKBROOK VILLAGE	AAC	B	E	3,365	30	84,199	66	55	32	13	1/3/24	Surface Course - AC	7/1/01
27	13	OSO PKWY	NELLIE GAIL RD	NOTTINGHAM RD	AAC	B	B	1,176	43	49,492	66	57	43	0	12/13/23	Overlay - AC Structural	7/1/08
28	17	PASEO DE VALENCIA	HILLARY LN	SUNBURST AVE	AAC	B	D	465	38	17,685	66	77	17	6	12/13/23	Overlay - AC Structural	7/1/08
23	2	MOULTON PKWY	ALISO CREEK BRIDGE	INDIAN HILL LN	AAC	B	E	681	42	30,942	67	88	0	12	12/13/23	Overlay - AC Structural	4/1/10
6	4	AVENIDA DE LA CARLOTA	COMMERCE CENTER	RIDGE ROUTE DR	AAC	B	F	794	30	21,860	67	67	5	28	12/28/23	Surface Course - AC	7/1/04
27	1	OSO PKWY	NOTTINGHAM CT	BRIDLEWOOD DR	AAC	B	B	2,153	42	92,074	67	30	39	31	12/13/23	Overlay - AC Structural	7/1/08
18	2	LA PAZ RD	W. CITY LIMITS	MOULTON PKWY	AAC	B	C	809	50	61,186	68	50	44	6	12/20/23	Overlay - AC Structural	7/1/08
4	12	ALICIA PKWY	PASEO DE VALENCIA	VIA LOMAS	AAC	B	E	1,700	42	75,946	68	30	70	0	12/17/23	Surface Course - AC	7/1/04
6	7	AVENIDA DE LA CARLOTA	PASEO DE VALENCIA	EL TORO RD	AAC	B	F	656	40	38,693	68	63	37	0	12/28/23	Overlay - AC Structural	5/29/12
18	12	LA PAZ RD	ALAMEDA AVE	MOULTON PKWY	AAC	B	C	2,180	40	95,681	69	94	5	1	12/13/23	Overlay - AC Structural	7/1/08
23	3	MOULTON PKWY	LAGUNA HILLS DR	INDIAN CIRCLE LN	AAC	B	E	1,821	40	82,325	69	73	27	0	12/13/23	Overlay - AC Structural	4/1/10
18	3	LA PAZ RD	ALISO HILLS DR	PASEO DE VALENCIA	AAC	B	C	2,062	40	82,478	69	83	12	5	12/13/23	Overlay - AC Structural	7/1/08
18	1	LA PAZ RD	MOULTON PKWY	ALAMEDA AVE	AAC	B	C	2,228	40	86,293	69	68	25	7	12/13/23	Overlay - AC Structural	7/1/08
23	10	MOULTON PKWY	NORTH END OF BRIDGE	LAGUNA HILLS DR	AAC	B	E	721	42	37,272	69	99	0	1	12/20/23	Overlay - AC Structural	4/1/10
23	25	MOULTON PKWY	LA PAZ RD	OSO PKWY	AAC	B	B	1,391	52	62,488	69	44	47	9	12/20/23	Surface Course - AC	7/1/99
28	22	PASEO DE VALENCIA	ERICSON WY	VELASQUEZ RD	AAC	B	D	1,063	38	43,233	69	51	48	1	12/13/23	Surface Course - AC	7/1/04
23	4	MOULTON PKWY	RIDGE ROUTE DR	SANTA MARIA AVE	AAC	B	F	1,361	48	60,721	70	96	3	1	12/20/23	Overlay - AC Structural	7/1/11
4	5	ALICIA PKWY	VIA LOMAS	ALISO HILLS DR (N)	AAC	B	E	843	42	37,591	70	27	73	0	12/17/23	Surface Course - AC	7/1/04
18	10	LA PAZ RD	ALAMEDA AVE	GALLUP CIR	AAC	B	C	3,188	40	125,057	70	78	11	11	12/7/23	Overlay - AC Structural	7/1/08
23	6	MOULTON PKWY	MANDEVILLE DR	LA PAZ RD	AAC	B	C	1,619	48	79,329	70	50	50	0	12/17/23	Surface Course - AC	7/1/99
4	13	ALICIA PKWY	PASEO DE VALENCIA	WILKES PL	AAC	B	E	1,728	42	74,291	70	49	51	0	12/17/23	Surface Course - AC	7/1/04

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
20	1	LAKE FOREST DR	W CITY LIMITS	SANTA VITTORIA DR	AAC	B	F	417	42	20,767	70	100	0	0	12/7/23	Surface Course - AC	7/1/00
18	7	LA PAZ RD	PASEO DE VALENCIA	CHAMPLAIN RD	AAC	B	D	944	30	29,282	70	69	20	11	12/17/23	Overlay - AC Structural	7/1/08
27	4	OSO PKWY	WEST HAVEN DR	NELLIE GAIL RD	AAC	B	B	2,357	43	100,405	70	57	28	15	12/13/23	Overlay - AC Structural	7/1/08
20	13	LAKE FOREST DR	MOULTON PKWY	TRITON WY	AAC	B	F	843	48	38,443	71	99	0	1	12/7/23	Surface Course - AC	7/1/00
28	24	PASEO DE VALENCIA	ALICIA PKWY	LAGUNA HILLS DR	AAC	B	E	1,515	52	72,633	71	56	17	27	12/28/23	Overlay - AC Structural	7/1/08
18	4	LA PAZ RD	CHAMPLAIN RD	MC INTYRE ST	AAC	B	D	979	30	32,034	71	90	0	10	12/7/23	Overlay - AC Structural	7/1/08
4	7	ALICIA PKWY	WILKES PL	PASEO DE VALENCIA	AAC	B	E	1,722	42	75,786	71	50	48	2	12/17/23	Surface Course - AC	7/1/04
28	5	PASEO DE VALENCIA	LAGUNA HILLS DR	ALICIA PKWY	AAC	B	E	1,605	52	73,824	71	93	6	1	12/28/23	Overlay - AC Structural	7/1/08
4	1	ALICIA PKWY	ALISO HILLS DR	MOULTON PKWY	AAC	B	C	1,354	42	67,438	71	49	51	0	12/17/23	Overlay - AC Structural	7/10/17
20	12	LAKE FOREST DR	TRITON WY	MILL CREEK DR	AAC	B	F	589	38	29,786	72	99	0	1	12/7/23	Surface Course - AC	7/1/00
20	14	LAKE FOREST DR	MOULTON PKWY	DEL LAGO DR	AAC	B	F	954	46	50,064	72	99	0	1	12/20/23	Surface Course - AC	7/1/04
20	2	LAKE FOREST DR	AVENIDA DE LA CARLOTA	DEL LAGO DR	AAC	B	E	914	45	56,517	72	43	57	0	12/28/23	Surface Course - AC	7/1/04
23	20	MOULTON PKWY	LA PAZ RD	MANDEVILLE DR	AAC	B	C	1,598	48	67,390	72	68	21	11	12/20/23	Surface Course - AC	7/1/99
27	8	OSO PKWY	BRIDLEWOOD DR	NOTTINGHAM CT	AAC	B	B	2,116	42	88,131	72	50	39	11	12/13/23	Overlay - AC Structural	7/1/08
20	9	LAKE FOREST DR	DEL LAGO DR	AVENIDA DE LA CARLOTA	AAC	B	F	918	50	44,074	72	100	0	0	12/28/23	Surface Course - AC	7/1/04
4	3	ALICIA PKWY	COSTEAU ST	HON AVE	AAC	B	E	925	42	44,897	72	49	51	0	12/17/23	Surface Course - AC	7/1/04
23	21	MOULTON PKWY	VIA LOMAS	ALICIA PKWY	AAC	B	C	795	49	41,312	73	61	39	0	12/17/23	Surface Course - AC	7/1/99
28	21	PASEO DE VALENCIA	VELASQUEZ RD	HILLARY LN	AAC	B	D	988	38	37,611	73	60	19	21	12/13/23	Overlay - AC Structural	7/1/08
4	11	ALICIA PKWY	ALISO HILLS DR	VIA LOMAS	AAC	B	E	832	42	36,761	73	38	62	0	12/20/23	Surface Course - AC	7/1/04
6	8	AVENIDA DE LA CARLOTA	EL TORO RD	PASEO DE VALENCIA	AAC	B	F	642	40	21,371	73	41	47	12	12/28/23	Overlay - AC Structural	5/29/12
18	6	LA PAZ RD	MC INTYRE ST	CABOT RD	AAC	B	D	877	30	29,067	73	65	35	0	12/17/23	Overlay - AC Structural	7/1/08
28	15	PASEO DE VALENCIA	VELASQUEZ RD	ERICSON WY	AAC	B	D	1,092	38	42,317	73	98	0	2	12/13/23	Surface Course - AC	7/1/04
6	10	AVENIDA DE LA CARLOTA	PVMT CHNGE 650' E/ OAKBROOK VILLAGE	EL TORO RD	AAC	B	E	3,365	30	97,583	73	58	34	8	1/3/24	Surface Course - AC	7/1/01
6	9	AVENIDA DE LA CARLOTA	LOS ALISOS BLVD	PVMT CHNGE 650' E/ OAKBROOK VILLAGE	AAC	B	E	505	40	44,128	73	100	0	0	12/29/23	Surface Course - AC	7/1/01
20	7	LAKE FOREST DR	DEL LAGO DR	MOULTON PKWY	AAC	B	F	949	44	54,524	74	98	0	2	12/20/23	Surface Course - AC	7/1/04
27	9	OSO PKWY	WEST HAVEN DR	MOULTON PKWY	AAC	B	B	746	43	38,708	74	65	35	0	12/20/23	Overlay - AC Structural	7/1/08
18	9	LA PAZ RD	GALLUP CIR	ALISO HILLS DR	AAC	B	C	910	40	35,620	74	90	10	0	12/13/23	Overlay - AC Structural	7/1/08
27	10	OSO PKWY	NELLIE GAIL RD	WEST HAVEN DR	AAC	B	B	2,388	43	100,126	74	68	20	12	12/13/23	Overlay - AC Structural	7/1/08
27	6	OSO PKWY	CABOT RD	TOMBSTONE RD	AAC	B	B	410	54	19,462	74	68	8	24	12/28/23	Surface Course - AC	7/1/99
19	3	LAGUNA HILLS DR	MOULTON PKWY	EAST END OF BRIDGE	AAC	B	E	414	33	14,757	74	45	25	30	12/7/23	Overlay - AC Structural	6/1/10
23	12	MOULTON PKWY	EL PACIFICO DR	LAKE FOREST DR	AAC	B	F	1,570	50	73,673	74	82	18	0	12/17/23	Overlay - AC Structural	7/1/06
28	23	PASEO DE VALENCIA	ERICSON WY	LA PAZ RD	AAC	B	D	1,032	38	41,586	74	81	0	19	12/17/23	Surface Course - AC	7/1/04
23	18	MOULTON PKWY	EL PACIFICO DR	RIDGE ROUTE DR	AAC	B	F	1,539	50	70,352	74	89	0	11	12/20/23	Overlay - AC Structural	7/1/11
4	6	ALICIA PKWY	WILKES PL	COSTEAU ST	AAC	B	E	1,744	42	73,253	75	35	59	6	12/17/23	Surface Course - AC	7/1/04
27	16	OSO PKWY	TOMBSTONE RD	BRIDLEWOOD DR	AAC	B	B	2,225	42	96,808	75	60	24	16	12/13/23	Overlay - AC Structural	7/1/08
28	19	PASEO DE VALENCIA	ALICIA PKWY	SUNBURST AVE	AAC	B	D	1,271	38	49,506	75	87	6	7	12/17/23	Overlay - AC Structural	7/1/08
20	4	LAKE FOREST DR	MILL CREEK DR	SANTA VITTORIA DR	AAC	B	F	1,603	44	69,474	75	100	0	0	12/7/23	Surface Course - AC	7/1/00
28	13	PASEO DE VALENCIA	LA PAZ RD (W)	ERICSON WY	AAC	B	D	1,049	38	39,294	75	49	50	1	12/17/23	Surface Course - AC	7/1/04
23	13	MOULTON PKWY	SANTA MARIA AVE	RIDGE ROUTE DR	AAC	B	F	1,357	48	66,799	76	100	0	0	12/20/23	Overlay - AC Structural	7/1/11
27	14	OSO PKWY	NOTTINGHAM CT	NELLIE GAIL RD	AAC	B	B	1,176	43	51,748	76	46	43	11	12/13/23	Overlay - AC Structural	7/1/08
19	4	LAGUNA HILLS DR	EAST END OF BRIDGE	INDIAN HILL LN	AAC	B	E	639	33	23,259	76	90	0	10	12/6/23	Overlay - AC Structural	6/1/10
20	6	LAKE FOREST DR	TRITON WY	MOULTON PKWY	AAC	B	F	847	40	43,479	76	70	30	0	12/7/23	Surface Course - AC	7/1/00
23	7	MOULTON PKWY	ALICIA PKWY	VIA LOMAS	AAC	B	C	830	49	33,597	76	87	0	13	12/17/23	Surface Course - AC	7/1/96
23	30	MOULTON PKWY	INDIAN CIRCLE LN	LAGUNA HILLS DR	AAC	B	E	1,798	38	92,647	76	100	0	0	12/20/23	Overlay - AC Structural	4/1/10
8	12	CABOT RD	PASEO DE VALENCIA	LA PAZ RD	AAC	B	D	2,604	32	79,192	76	49	51	0	12/6/23	Overlay - AC Structural	1/1/09
23	1	MOULTON PKWY	INDIAN CIRCLE LN	W. CITY LIMITS	AAC	B	E	674	50	25,585	76	91	9	0	12/20/23	Overlay - AC Structural	4/1/10
8	5	CABOT RD	OSO PKWY	HITCHING RAIL RD	AAC	B	B	294	40	6,823	77	83	17	0	12/28/23	Overlay - AC Structural	1/1/09
20	11	LAKE FOREST DR	SANTA VITTORIA DR	MILL CREEK DR	AAC	B	F	1,603	43	69,774	77	100	0	0	12/7/23	Surface Course - AC	7/1/00
23	24	MOULTON PKWY	OSO PKWY	NELLIE GAIL RD	AAC	B	A	908	52	45,483	77	80	10	10	12/20/23	Surface Course - AC	7/1/99
23	5	MOULTON PKWY	RIDGE ROUTE DR	EL PACIFICO DR	AAC	B	F	1,539	50	69,992	77	100	0	0	12/17/23	Overlay - AC Structural	7/1/11
6	6	AVENIDA DE LA CARLOTA	PVMT CHNGE 650' E/ OAKBROOK VILLAGE	LOS ALISOS BLVD	AAC	B	F	505	40	41,675	77	58	25	17	12/29/23	Surface Course - AC	7/1/01
23	8	MOULTON PKWY	MANDEVILLE DR	ALICIA PKWY	AAC	B	C	1,487	48	77,033	77	67	30	3	12/20/23	Surface Course - AC	7/1/99
4	9	ALICIA PKWY	MOULTON PKWY	ALISO HILLS DR	AAC	B	C	1,362	42	60,819	78	100	0	0	12/20/23	Overlay - AC Structural	7/10/17
19	8	LAGUNA HILLS DR	INDIAN HILL LN	EAST END OF BRIDGE	AAC	B	E	613	33	20,968	78	83	9	8	12/6/23	Overlay - AC Structural	6/1/10
20	5	LAKE FOREST DR	MILL CREEK DR	TRITON WY	AAC	B	F	585	44	23,636	78	100	0	0	12/7/23	Surface Course - AC	7/1/00
4	4	ALICIA PKWY	VIA LOMAS	PASEO DE VALENCIA	AAC	B	E	1,720	42	78,369	78	54	32	14	12/20/23	Surface Course - AC	7/1/04
23	19	MOULTON PKWY	LAKE FOREST DR	EL PACIFICO DR	AAC	B	F	1,559	50	69,299	78	91	6	3	12/20/23	Overlay - AC Structural	7/1/06
4	18	ALICIA PKWY	LAGUNA CT	MOULTON PKWY	AAC	B	C	496	42	28,642	78	100	0	0	12/20/23	Overlay - AC Structural	7/10/17
28	4	PASEO DE VALENCIA	AVE DE LA CARLOTA	EL TORO RD	AAC	B	F	1,303	38	48,641	79	47	53	0	12/28/23	Overlay - AC Structural	7/1/05
27	2	OSO PKWY	MOULTON PKWY	WEST HAVEN DR	AAC	B	B	744	43	31,598	79	88	10	2	12/20/23	Overlay - AC Structural	7/1/08
37	2	SANTA VITTORIA DR	LANE MERGE	BRIDGE	AAC	C	F	173	49	6,660	79	43	57	0	12/6/23	Overlay - AC Structural	7/1/11
8	4	CABOT RD	PASEO DE VALENCIA	EL PASEO	AAC	B	B	2,803	40	87,603	79	71	21	8	12/7/23	Overlay - AC Structural	1/1/09

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
37	11	SANTA VITTORIA DR	LANE MERGE	RIDGE ROUTE DR	AAC	C	F	371	22	10,622	79	56	44	0	12/20/23	Overlay - AC Structural	7/1/11
28	12	PASEO DE VALENCIA	HILLARY LN	VELASQUEZ RD	AAC	B	D	1,021	38	40,980	79	89	10	1	12/13/23	Overlay - AC Structural	7/1/08
23	29	MOULTON PKWY	W. CITY LIMITS	INDIAN CIRCLE LN	AAC	B	E	585	38	33,769	80	100	0	0	12/20/23	Overlay - AC Structural	4/1/10
23	15	MOULTON PKWY	NELLIE GAIL RD	OSO PKWY	AAC	B	A	963	48	43,195	80	79	0	21	12/20/23	Surface Course - AC	7/1/99
8	6	CABOT RD	HITCHING RAIL RD	EL PASEO	AAC	B	B	560	40	17,749	80	100	0	0	12/28/23	Overlay - AC Structural	1/1/09
23	14	MOULTON PKWY	SR 73	NELLIE GAIL RD	AAC	B	A	335	54	28,004	80	88	0	12	12/28/23	Surface Course - AC	7/1/99
4	2	ALICIA PKWY	MOULTON PKWY	LAGUNA CT	AAC	B	C	496	42	18,492	81	100	0	0	12/20/23	Overlay - AC Structural	7/10/17
8	3	CABOT RD	OSO PKWY	S. CITY LIMITS	AAC	B	B	830	40	27,104	81	81	13	6	12/20/23	Overlay - AC Structural	7/10/17
14	2	GREENFIELD DR	SR 73 SB ON/OFF RAMP	SR 73 NB ON/OFF RAMP	AC	B	A	379	41	15,238	81	79	21	0	12/6/23	Surface Treatment - Slurry Seal	7/1/03
37	12	SANTA VITTORIA DR	RIDGE ROUTE DR	LANE MERGE	AAC	C	F	285	22	7,794	81	42	58	0	12/20/23	Surface Treatment - Slurry Seal	11/1/21
14	3	GREENFIELD DR	SR 73 NB ON/OFF RAMP	SR 73 SB ON/OFF RAMP	AC	B	A	387	41	16,696	81	99	0	1	12/6/23	Surface Treatment - Slurry Seal	7/1/03
8	11	CABOT RD	RAPID FALLS RD (N)	N. CITY LIMITS	AC	B	A	163	40	4,570	81	100	0	0	12/28/23	New Construction - Initial	1/1/90
28	26	PASEO DE VALENCIA	LA PAZ RD	MACKENZIE ST	AAC	B	D	1,468	30	43,922	81	100	0	0	12/17/23	Overlay - AC Structural	7/10/17
23	23	MOULTON PKWY	NELLIE GAIL RD	S. CITY LIMITS	AAC	B	A	220	48	22,552	81	87	0	13	12/28/23	Surface Course - AC	7/1/99
8	10	CABOT RD	EL PASEO	HITCHING RAIL RD	AAC	B	B	557	40	19,320	82	99	0	1	12/28/23	Overlay - AC Structural	1/1/09
28	25	PASEO DE VALENCIA	MACKENZIE ST	LA PAZ RD	AAC	B	D	1,488	29	49,406	82	100	0	0	12/6/23	Overlay - AC Structural	7/10/17
37	10	SANTA VITTORIA DR	RIDGE ROUTE DR	LANE MERGE	AAC	C	F	342	22	6,625	82	76	24	0	12/20/23	Overlay - AC Structural	7/1/11
18	5	LA PAZ RD	CABOT RD	I-5	AAC	B	D	458	31	15,462	83	77	12	11	12/29/23	Surface Course - AC	7/1/00
28	28	PASEO DE VALENCIA	EL TORO RD	AVE DE LA CARLOTA	AAC	B	F	1,267	41	41,587	83	96	0	4	12/7/23	Overlay - AC Structural	7/1/05
8	8	CABOT RD	S. CITY LIMITS	OSO PKWY	AAC	B	B	854	40	39,378	83	66	0	34	12/28/23	Overlay - AC Structural	7/10/17
18	16	LA PAZ RD	I-5	CABOT RD	AAC	B	D	444	31	18,733	83	100	0	0	12/29/23	Surface Course - AC	7/1/00
21	1	LOS ALISOS BLVD	PASEO DE VALENCIA	AVENIDA DE LA CARLOTA	AAC	B	E	1,457	38	68,991	84	100	0	0	12/13/23	Overlay - AC Structural	7/10/17
19	6	LAGUNA HILLS DR	PASEO DE VALENCIA	INDIAN HILL LN	AAC	B	E	2,645	33	86,964	84	87	13	0	12/13/23	Overlay - AC Structural	6/1/10
8	2	CABOT RD	S. CITY LIMITS (N)	RAPID FALLS DR	AAC	B	A	787	40	39,494	84	85	14	1	12/20/23	Overlay - AC Structural	7/10/17
8	1	CABOT RD	EL PASEO	PASEO DE VALENCIA	AAC	B	B	2,808	40	86,504	84	82	17	1	12/17/23	Overlay - AC Structural	1/1/09
8	9	CABOT RD	HITCHING RAIL RD	OSO PKWY	AAC	B	B	294	40	14,472	84	96	0	4	12/28/23	Overlay - AC Structural	1/1/09
19	1	LAGUNA HILLS DR	INDIAN HILL LN	PASEO DE VALENCIA	AAC	B	E	2,661	33	88,427	84	70	11	19	12/7/23	Overlay - AC Structural	6/1/10
8	7	CABOT RD	LA PAZ RD	PASEO DE VALENCIA	AAC	B	D	2,640	32	76,674	85	68	11	21	12/6/23	Overlay - AC Structural	1/1/09
28	20	PASEO DE VALENCIA	SUNBURST AVE	HILLARY LN	AAC	B	D	475	38	19,001	85	99	0	1	12/17/23	Overlay - AC Structural	7/1/08
21	4	LOS ALISOS BLVD	AVENIDA DE LA CARLOTA	PASEO DE VALENCIA	AAC	B	E	1,482	40	62,089	85	97	0	3	12/13/23	Overlay - AC Structural	7/10/17
28	11	PASEO DE VALENCIA	CABOT RD	PINE NUT RD	AAC	B	D	784	29	20,531	85	96	0	4	12/6/23	Overlay - AC Structural	7/10/17
37	14	SANTA VITTORIA DR	BARBERA	AVENIDA DEL SOL	AAC	C	F	793	36	25,816	86	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
8	14	CABOT RD	RAPID FALLS RD	S. CITY LIMITS	AAC	B	A	812	40	35,932	86	82	15	3	12/20/23	Overlay - AC Structural	7/10/17
27	5	OSO PKWY	CABOT RD	E. CITY LIMITS	AAC	B	B	207	47	7,423	86	64	36	0	12/29/23	Surface Course - AC	7/1/99
20	8	LAKE FOREST DR	SANTA VITTORIA DR	W CITY LIMITS	AAC	B	F	431	51	18,474	86	85	15	0	12/7/23	Surface Course - AC	7/1/00
28	14	PASEO DE VALENCIA	PINE NUT RD (W)	MACKENZIE ST	AAC	B	D	827	29	23,657	86	76	24	0	12/6/23	Overlay - AC Structural	7/10/17
17	3	OSO PKWY	MOULTON PKWY	W. CITY LIMITS	AAC	B	B	209	68	8,093	86	100	0	0	12/28/23	Surface Course - AC	7/1/99
19	7	LAGUNA HILLS DR	WEST END OF BRIDGE	MOULTON PKWY	AAC	B	E	465	33	20,690	87	86	14	0	12/20/23	Overlay - AC Structural	6/1/10
28	6	PASEO DE VALENCIA	MACKENZIE ST (W)	PINE NUT RD	AAC	B	D	827	29	25,337	87	98	0	2	12/6/23	Overlay - AC Structural	7/10/17
36	1	SANTA MARIA AVE	VIA VISTA	W CITY LIMITS	AAC	B	F	950	30	23,580	87	96	0	4	12/6/23	Overlay - AC Structural	7/1/11
21	2	LOS ALISOS BLVD	AVENIDA DE LA CARLOTA	I-5 OVERPASS	AAC	B	E	757	28	27,480	87	100	0	0	12/13/23	Overlay - AC Structural	7/10/17
28	18	PASEO DE VALENCIA	PINE NUT RD	CABOT RD	AAC	B	D	777	29	21,385	87	77	0	23	12/6/23	Overlay - AC Structural	7/10/17
27	11	OSO PKWY	E. CITY LIMITS	CABOT RD	AAC	B	B	207	47	13,080	88	100	0	0	12/29/23	Surface Course - AC	7/1/99
37	9	SANTA VITTORIA DR	BASSANO EAST	LANE MERGE	AAC	C	F	401	22	9,662	88	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
21	3	LOS ALISOS BLVD	I-5 OVERPASS	AVENIDA DE LA CARLOTA	AAC	B	E	699	28	27,034	88	100	0	0	12/13/23	Overlay - AC Structural	7/10/17
27	7	OSO PKWY	W. CITY LIMITS	MOULTON PKWY	AAC	B	B	209	40	13,520	88	98	0	2	12/28/23	Surface Course - AC	7/1/99
37	7	SANTA VITTORIA DR	LAKE FOREST DR	BASSANO	AAC	C	F	392	22	8,449	88	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
36	2	SANTA MARIA AVE	W CITY LIMITS	VIA VISTA	AAC	B	F	979	30	23,478	88	96	0	4	12/6/23	Overlay - AC Structural	7/1/11
37	6	SANTA VITTORIA DR	BASSANO EAST	LAKE FOREST DR	AAC	C	F	370	22	11,176	89	100	0	0	12/6/23	Surface Treatment - Slurry Seal	11/1/21
37	13	SANTA VITTORIA DR	SANTA MARIA AVE	BARBERA	AAC	C	F	1,095	36	34,696	90	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
37	1	SANTA VITTORIA DR	LANE MERGE	RIDGE ROUTE DR	AAC	C	F	332	22	4,971	90	100	0	0	12/20/23	Surface Treatment - Slurry Seal	11/1/21
33	6	RIDGE ROUTE DR	MOULTON PKWY	NARROWS	AAC	B	F	470	40	16,290	90	100	0	0	12/7/23	Overlay - AC Structural	12/1/13
37	15	SANTA VITTORIA DR	AVENIDA DEL SOL	SAN REMO DR	AAC	C	F	513	36	16,608	90	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
33	10	RIDGE ROUTE DR	AVENIDA DE LA CARLOTA	NARROWS	AAC	B	F	1,000	26	37,821	91	100	0	0	12/7/23	Overlay - AC Structural	12/1/13
33	7	RIDGE ROUTE DR	MOULTON PKWY	MILL CREEK DR	AAC	B	F	767	40	25,464	91	95	0	5	12/7/23	Overlay - AC Structural	11/1/21
33	3	RIDGE ROUTE DR	PERALTA DR	WEST TO WIDENING	AAC	B	F	1,816	45	65,021	91	100	0	0	12/7/23	Overlay - AC Structural	12/1/13
37	16	SANTA VITTORIA DR	SAN REMO DR	LANE MERGE	AAC	C	F	670	36	26,017	91	71	29	0	12/6/23	Overlay - AC Structural	7/1/11
33	1	RIDGE ROUTE DR	PERALTA DR	EAST TO WIDENING	AAC	B	F	1,635	50	70,196	92	63	33	4	12/7/23	Overlay - AC Structural	12/1/13
33	2	RIDGE ROUTE DR	MILL CREEK DR	MOULTON PKWY	AC	B	F	767	40	32,124	92	93	0	7	12/7/23	New Construction - Initial	1/1/90
37	5	SANTA VITTORIA DR	LANE MERGE	CMTO COSTA	AAC	C	F	1,250	38	45,543	92	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
33	5	RIDGE ROUTE DR	NARROWS	MOULTON PKWY	AAC	B	F	468	40	21,163	92	92	0	8	12/20/23	Overlay - AC Structural	12/1/13
4	8	ALICIA PKWY	I-5	HON AVE	AAC	B	E	793	42	39,807	93	100	0	0	12/17/23	Overlay - AC Structural	7/1/16

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
13	4	EL TORO RD	AVENIDA DE LA CARLOTA	PASEO DE VALENCIA	AAC	B	F	1,412	36	66,012	93	100	0	0	12/7/23	Overlay - AC Structural	7/1/07
4	16	ALICIA PKWY	HON AVE	I-5	AAC	B	E	848	48	40,869	94	81	0	19	12/17/23	Overlay - AC Structural	7/1/04
33	9	RIDGE ROUTE DR	NARROWS	AVE DE LA CARLOTA	AAC	B	F	1,047	40	38,624	94	100	0	0	12/7/23	Overlay - AC Structural	12/1/13
13	3	EL TORO RD	AVENIDA DE LA CARLOTA	I-5	AAC	B	F	570	63	29,770	94	92	0	8	12/29/23	Surface Course - AC	7/1/01
37	4	SANTA VITTORIA DR	CMTO COSTA	BRIDGE	AAC	C	F	876	38	30,457	94	100	0	0	12/6/23	Overlay - AC Structural	7/1/11
4	10	ALICIA PKWY	W. CITY LIMITS	LAGUNA CT	AAC	B	C	850	42	35,560	94	100	0	0	12/17/23	Overlay - AC Structural	7/10/17
13	1	EL TORO RD	PASEO DE VALENCIA	AVENIDA DE LA CARLOTA	AAC	B	F	1,498	36	68,551	95	100	0	0	12/7/23	Overlay - AC Structural	7/1/07
13	2	EL TORO RD	I-5	AVENIDA DE LA CARLOTA	AAC	B	F	555	54	26,647	95	100	0	0	12/29/23	Surface Course - AC	7/1/01
20	10	LAKE FOREST DR	AVENIDA DE LA CARLOTA	E. CITY LIMITS	AAC	B	F	888	59	41,693	95	100	0	0	12/20/23	Overlay - AC Structural	7/1/16
20	3	LAKE FOREST DR	E. CITY LIMITS	AVENIDA DE LA CARLOTA	AAC	B	F	818	59	51,899	95	100	0	0	12/20/23	Overlay - AC Structural	7/1/16
33	8	RIDGE ROUTE DR	MILL CREEK DR	SANTA VITTORIA DR	AAC	B	F	2,448	40	77,725	95	100	0	0	12/6/23	Overlay - AC Structural	11/1/21
33	4	RIDGE ROUTE DR	SANTA VITTORIA DR	MILL CREEK DR	AC	B	F	2,443	40	76,807	95	100	0	0	12/6/23	New Construction - Initial	1/1/90
4	17	ALICIA PKWY	LAGUNA CT	W. CITY LIMITS	AAC	B	C	850	42	37,155	95	100	0	0	12/20/23	Overlay - AC Structural	7/10/17
37	8	SANTA VITTORIA DR	LANE MERGE	BASSANO EAST	AAC	C	F	419	22	10,152	96	100	0	0	12/6/23	Surface Treatment - Slurry Seal	11/1/21
								42.6		9,067,736							
Locals																	
122	1	ENCANTO CT	LUNA BONITA DR	SOUTH END	AC	E	C	280	39	11,487	64	52	48	0	11/22/23	New Construction - Initial	1/1/80
167	1	LA SERRA ST	ALISO HILLS DR	NORTH END	AC	E	C	715	38	26,496	67	44	56	0	12/1/23	New Construction - Initial	1/1/80
319	1	VIA LOMAS	MOULTON PKWY	ALICIA PKWY	AC	E	E	2,600	37	95,841	67	49	51	0	3/14/22	New Construction - Initial	1/1/80
112	3	EARHART RD	DE SALLE DR	ERICSON WY	AAC	E	D	240	33	7,826	72	89	7	4	11/30/23	Overlay - AC Structural	7/1/11
97	1	COSTEAU ST	ALICIA PKWY	BECKENHAM ST	AAC	E	E	1,650	36	54,739	72	57	0	43	4/6/22	Overlay - AC Structural	7/1/11
170	1	LAS ALTURAS AVE	MANDEVILLE DR	MONTE ROYALE ST	AAC	E	C	1,025	37	33,124	73	34	62	4	11/26/23	Overlay - AC Structural	7/1/11
16	3	INDIAN HILL LN	OWL HILL LN	ASH CREEK LN	AAC	E	E	909	38	33,150	73	79	0	21	12/1/23	Crack Sealing - AC	7/1/05
16	3	INDIAN HILL LN	OWL HILL LN	ASH CREEK LN	AAC	E	E	909	38	33,150	73	79	0	21	12/1/23	Grinding (Localized)	7/1/05
16	3	INDIAN HILL LN	OWL HILL LN	ASH CREEK LN	AAC	E	E	909	38	33,150	73	79	0	21	12/1/23	Overlay - AC Structural	7/1/05
16	3	INDIAN HILL LN	OWL HILL LN	ASH CREEK LN	AAC	E	E	909	38	33,150	73	79	0	21	12/1/23	Patching - AC Deep	7/1/05
66	1	BOOTHILL CT	DILLION RD	WEST END	AAC	E	A	475	38	17,758	74	72	28	0	4/8/22	Overlay - AC Structural	8/1/14
123	2	ERICSON WY	EARHART RD	PASEO DE VALENCIA	AAC	E	D	1,393	37	49,085	74	33	33	34	4/8/22	Overlay - AC Structural	7/1/11
71	1	BUCKBOARD LN	BUCKSKIN DR	STENSON PL	AAC	E	B	1,217	39	45,760	75	73	27	0	12/4/23	Surface Treatment - Slurry Seal	11/1/21
25	11	NELLIE GAIL RD	ROCKING HORSE LN	EMPTY SADDLE DR	AAC	E	A	611	38	22,929	75	35	64	1	12/1/23	Surface Treatment - Slurry Seal	6/1/18
106	1	DEPUTY CIR	DILLION RD	SOUTH END	AAC	E	A	1,245	34	44,708	75	77	23	0	4/8/22	Overlay - AC Structural	8/1/14
246	1	RED BARN CIR	NELLIE GAIL RD	NORTH END	AAC	E	A	165	33	7,822	75	81	15	4	11/30/23	Surface Treatment - Slurry Seal	6/1/18
281	1	SOUTHAMPTON CT	CREEKVIEW DR	NORTH END	AAC	E	E	75	61	4,554	76	100	0	0	12/4/23	Overlay - AC Structural	6/1/18
186	2	LUNA BONITA DR	ENCANTO CT	ALISO HILLS DR	AAC	E	C	1,549	33	51,367	76	80	16	4	11/22/23	Overlay - AC Structural	7/1/11
1	4	ALAMEDA AVE	ELENA DR	MONTE ROYALE ST	AAC	E	C	771	38	27,118	76	57	28	15	11/30/23	Overlay - AC Structural	7/1/11
95	1	COSTEAU CT	COSTEAU ST	NORTH END	AAC	E	E	110	49	5,199	76	54	46	0	4/6/22	Overlay - AC Structural	7/1/11
313	2	VELASQUEZ RD	MAWSON DR	EARHART	AAC	E	D	288	33	9,661	77	80	20	0	11/30/23	Patching - AC Deep	8/1/14
112	4	EARHART RD	ERICSON WY	LAS BOLSAS ST	AC	E	D	255	33	9,265	77	60	34	6	11/26/23	Patching - AC Deep	8/1/14
219	1	OAK LEAF RD	SPRUCE LN	EVERGREEN RD	AAC	E	D	860	37	33,484	77	37	63	0	11/26/23	Surface Treatment - Slurry Seal	6/1/18
138	1	GEORGIA SUE DR	JORIE DR	EAST END	AAC	E	E	1,365	37	49,377	77	85	8	7	12/1/23	Overlay - AC Structural	7/1/05
5	3	ALISO HILLS DR	LUNA BONITA DR	LA SERRA ST	AAC	E	C	1,689	38	61,689	78	52	47	1	11/30/23	Crack Sealing - AC	7/1/05
5	3	ALISO HILLS DR	LUNA BONITA DR	LA SERRA ST	AAC	E	C	1,689	38	61,689	78	52	47	1	11/30/23	Grinding (Localized)	7/1/05
5	3	ALISO HILLS DR	LUNA BONITA DR	LA SERRA ST	AAC	E	C	1,689	38	61,689	78	52	47	1	11/30/23	Overlay - AC Structural	7/1/05
5	3	ALISO HILLS DR	LUNA BONITA DR	LA SERRA ST	AAC	E	C	1,689	38	61,689	78	52	47	1	11/30/23	Patching - AC Deep	7/1/05
25	17	NELLIE GAIL RD	LANE MERGE	OSO PKWY	AAC	E	A	968	20	21,182	78	62	28	10	12/4/23	Patching - AC Deep	8/1/14
95	2	COSTEAU CT	COSTEAU ST	NORTH END	AAC	E	E	115	48	5,694	78	100	0	0	4/6/22	Overlay - AC Structural	7/1/11
235	1	PINE STRAP CIR	HIDDEN TRAIL RD	WEST END	AAC	E	A	725	33	27,434	78	73	27	0	4/8/22	Overlay - AC Structural	8/1/14
25	14	NELLIE GAIL RD	RED LODGE PL	ROCKING HORSE LN	AAC	E	A	1,606	40	60,747	78	62	36	2	12/4/23	Overlay - AC Structural	7/1/17
99	1	CREEKVIEW DR	WEST END	CHRISTINA CT	AAC	E	E	1,315	34	45,673	79	100	0	0	12/4/23	Overlay - AC Structural	6/1/18
313	5	VELASQUEZ RD	EARHART	NORTHUP	AAC	E	D	276	33	9,411	79	73	21	6	11/30/23	Patching - AC Deep	8/1/14
208	1	MONTE ROYALE ST	ALAMEDA AVE	LOS ALAMITOS AVE	AAC	E	C	1,225	37	45,287	79	86	0	14	3/29/18	Overlay - AC Structural	7/1/11
283	1	SOUTHPORT ST	WOOLWICH ST	EAST END	AAC	E	E	1,570	34	53,832	79	71	28	1	4/6/22	Overlay - AC Structural	7/1/11
1	5	ALAMEDA AVE	LA PAZ RD	MONTE ROYALE ST	AAC	E	C	449	38	15,032	79	76	20	4	11/26/23	Crack Sealing - AC	7/1/05
1	5	ALAMEDA AVE	LA PAZ RD	MONTE ROYALE ST	AAC	E	C	449	38	15,032	79	76	20	4	11/26/23	Grinding (Localized)	7/1/05
1	5	ALAMEDA AVE	LA PAZ RD	MONTE ROYALE ST	AAC	E	C	449	38	15,032	79	76	20	4	11/26/23	Overlay - AC Structural	7/1/05
1	5	ALAMEDA AVE	LA PAZ RD	MONTE ROYALE ST	AAC	E	C	449	38	15,032	79	76	20	4	11/26/23	Patching - AC Deep	7/1/05
313	3	VELASQUEZ RD	GRISOM RD	PASEO DE VALENCIA	AC	E	D	145	33	5,469	79	63	31	6	11/30/23	Patching - AC Deep	8/1/14
175	2	LINDA VISTA DR	ALISAL AVE	SARITA DR	AAC	E	C	928	37	33,659	79	91	0	9	11/30/23	Overlay - AC Structural	7/1/11
25	12	NELLIE GAIL RD	LOST COLT DR	MOULTON PKWY	AAC	E	A	575	19	9,886	79	61	39	0	12/4/23	Surface Treatment - Slurry Seal	6/1/18
5	1	ALISO HILLS DR	LA CIENEGA ST	SIERRA BONITA DR	AAC	E	C	753	38	27,153	80	63	21	16	11/30/23	Grinding (Localized)	7/1/05
5	1	ALISO HILLS DR	LA CIENEGA ST	SIERRA BONITA DR	AAC	E	C	753	38	27,153	80	63	21	16	11/30/23	Overlay - AC Structural	7/1/05

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
5	1	ALISO HILLS DR	LA CIENEGA ST	SIERRA BONITA DR	AAC	E	C	753	38	27,153	80	63	21	16	11/30/23	Patching - AC Deep	7/1/05
25	15	NELLIE GAIL RD	ROAD SPLIT	EMPTY SADDLE DR	AAC	E	A	321	38	11,759	80	61	39	0	12/4/23	Surface Treatment - Slurry Seal	6/1/18
259	1	SADDLEHORN LN	BUCKSKIN LN	SOUTH END	AAC	E	B	315	39	13,308	80	94	0	6	12/4/23	Surface Treatment - Slurry Seal	11/1/21
5	4	ALISO HILLS DR	LA SERRA ST	MENDOCINO AV	AAC	E	C	763	38	28,071	80	90	10	0	11/26/23	Crack Sealing - AC	7/1/05
5	4	ALISO HILLS DR	LA SERRA ST	MENDOCINO AV	AAC	E	C	763	38	28,071	80	90	10	0	11/26/23	Grinding (Localized)	7/1/05
5	4	ALISO HILLS DR	LA SERRA ST	MENDOCINO AV	AAC	E	C	763	38	28,071	80	90	10	0	11/26/23	Overlay - AC Structural	7/1/05
5	4	ALISO HILLS DR	LA SERRA ST	MENDOCINO AV	AAC	E	C	763	38	28,071	80	90	10	0	11/26/23	Patching - AC Deep	7/1/05
111	1	DILLION RD	LOST TRAIL DR	EAST END	AAC	E	A	1,840	38	70,587	80	39	61	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
127	1	EVERGREEN RD	OAK LEAF RD	FIR LN	AAC	E	D	800	37	28,763	80	75	8	17	12/1/23	Surface Treatment - Slurry Seal	6/1/18
145	2	GRISSOM RD	BARENTS ST	EAST END	AAC	E	D	925	35	28,657	80	42	56	2	4/6/22	Surface Treatment - Slurry Seal	6/1/18
15	2	HON AVE	CAMBERWELL ST	ALICIA PKWY	AAC	E	E	829	37	22,925	80	40	60	0	3/14/22	Overlay - AC Structural	7/1/11
178	1	LONE ACRES LN	LOST TRAIL DR	EAST END	AAC	E	A	520	37	20,025	80	64	34	2	4/8/22	Overlay - AC Structural	8/1/14
192	1	MANDEVILLE DR	EAST END	MOULTON PKWY	AAC	E	C	1,685	38	61,758	80	76	8	16	11/26/23	Overlay - AC Structural	7/1/11
71	2	BUCKBOARD LN	STENSON PL	NELLIE GAIL RD	AAC	E	B	1,691	39	62,796	80	55	43	2	11/26/23	Overlay - AC Structural	7/1/11
171	1	LAS ALTURAS CT	LAS ALTURAS AVE	EAST END	AAC	E	C	170	43	7,714	80	88	10	2	12/4/23	Overlay - AC Structural	7/1/11
150	1	HIGHWOOD CIR	ROCKING HORSE LN	NORTH END	AAC	E	A	805	40	27,201	81	63	0	37	12/1/23	Surface Treatment - Slurry Seal	6/1/18
175	1	LINDA VISTA DR	LARGO DR	ALISAL AVE	AAC	E	C	1,037	37	36,215	81	88	12	0	11/30/23	Overlay - AC Structural	7/1/11
312	1	VALERIE ST	BENTLEY LN	COSTEAU DR	AAC	E	D	225	36	8,627	81	36	64	0	11/30/23	Overlay - AC Structural	7/1/11
86	2	CHAMPLAIN RD	GRISSOM RD	LAPAZ RD	AAC	E	D	1,260	33	40,950	81	89	11	0	11/26/23	Surface Treatment - Slurry Seal	6/1/18
322	1	WAGON WHEEL DR	HIDDEN TRAIL RD	EAST END	AAC	E	A	785	36	26,820	81	64	36	0	11/30/23	Surface Treatment - Slurry Seal	6/1/18
236	1	PINEWOOD LN	WEST END	OAK LEAF RD	AAC	E	D	235	33	10,244	81	47	38	15	11/26/23	Surface Treatment - Slurry Seal	6/1/18
285	1	SPRUCE LN	WEST END	OAK LEAF RD	AAC	E	D	330	42	13,199	81	58	42	0	12/1/23	Surface Treatment - Slurry Seal	6/1/18
65	1	BOONE PL	CADALLAC DR	SOUTH END	AAC	E	D	170	43	8,064	81	32	68	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
78	1	CALIFIA DR	MACKENZIE ST	LA SUEN RD	AAC	E	D	865	36	30,061	81	54	43	3	4/6/22	Surface Treatment - Slurry Seal	6/1/18
145	5	GRISSOM RD	ERICSON WY	PIKE RD	AAC	E	D	1,000	35	29,111	81	65	33	2	4/8/22	Overlay - AC Structural	7/1/11
148	1	HENDON ST	COSTEAU ST	CAMBERWELL ST	AAC	E	E	1,255	33	42,452	81	100	0	0	4/6/22	Overlay - AC Structural	7/1/05
183	1	LOST COLT DR	MAVERICK CIR	STAGELINE DR	AAC	E	A	905	38	30,716	81	50	46	4	5/11/20	Overlay - AC Structural	8/1/12
32	2	RAPID FALLS RD	SUNDOWNER DR	LOST TRAIL DR	AAC	E	A	1,055	38	38,956	81	45	49	6	5/11/20	Overlay - AC Structural	8/1/12
254	1	ROCKING HORSE LN	NELLIE GAIL RD	NORTH END	AAC	E	A	970	39	32,425	81	58	40	2	11/26/23	Surface Treatment - Slurry Seal	6/1/18
25	16	NELLIE GAIL RD	MOULTON PKWY	LOST COLT DR	AAC	E	A	603	20	10,300	81	61	39	0	12/4/23	Overlay - AC Structural	7/1/17
271	1	SAUSALITO ST	ALAMEDA AVE	EAST END	AAC	E	C	1,325	35	45,077	81	91	0	9	11/22/23	Overlay - AC Fabric	1/1/20
90	1	CHRISTINA CT	EAST END	WEST END	AAC	E	E	1,050	36	37,048	81	92	0	8	11/22/23	Overlay - AC Structural	6/1/18
145	6	GRISSOM RD	GRISSOM RD	NORTH END	AAC	E	D	132	33	6,783	82	88	11	1	12/4/23	Overlay - AC Structural	7/1/11
276	1	SILVER SADDLE LN	BUCKSKIN DR	SOUTH END	AAC	E	B	315	39	13,194	82	55	43	2	11/26/23	Surface Treatment - Slurry Seal	11/1/21
342	4	HIDDEN TRAIL RD	STAGELINE DR	NELLIE GAIL RD	AAC	E	A	1,944	38	72,936	82	88	10	2	4/8/22	Overlay - AC Structural	8/1/14
15	1	HON AVE	ALICIA PKWY	CAMBERWELL ST	AAC	E	E	777	27	20,311	82	62	36	2	3/14/22	Overlay - AC Structural	7/1/11
16	2	INDIAN HILL LN	LAGUNA HILLS DR	OWL HILL LN	AAC	E	E	485	38	16,188	82	55	28	17	12/4/23	Crack Sealing - AC	7/1/05
16	2	INDIAN HILL LN	LAGUNA HILLS DR	OWL HILL LN	AAC	E	E	485	38	16,188	82	55	28	17	12/4/23	Grinding (Localized)	7/1/05
16	2	INDIAN HILL LN	LAGUNA HILLS DR	OWL HILL LN	AAC	E	E	485	38	16,188	82	55	28	17	12/4/23	Overlay - AC Structural	7/1/05
16	2	INDIAN HILL LN	LAGUNA HILLS DR	OWL HILL LN	AAC	E	E	485	38	16,188	82	55	28	17	12/4/23	Patching - AC Deep	7/1/05
190	1	MADEIRA DR	PADUA DR	SOUTH END	AAC	E	D	290	33	12,919	82	53	47	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
237	1	PINTO CT	LOST TRAIL DR	EAST END	AAC	E	A	170	33	8,226	82	100	0	0	4/8/22	Overlay - AC Structural	8/1/14
256	1	RODEO CIR	HIDDEN TRAIL RD	EAST END	AAC	E	A	415	38	15,843	82	66	31	3	4/8/22	Overlay - AC Structural	8/1/14
338	1	WOOLWICH ST	COSTEAU ST	WOOLWICH CT	AAC	E	E	445	33	14,821	82	100	0	0	4/6/22	Overlay - AC Structural	7/1/11
350	1	YORK CIR	WILKES PL	WEST END	AAC	E	E	605	33	21,669	82	47	51	2	4/6/22	Overlay - AC Structural	7/1/11
5	6	ALISO HILLS DR	ALICIA PKWY	LA CIENEGA ST	AAC	E	C	713	38	23,624	82	58	42	0	11/30/23	Grinding (Localized)	7/1/05
5	6	ALISO HILLS DR	ALICIA PKWY	LA CIENEGA ST	AAC	E	C	713	38	23,624	82	58	42	0	11/30/23	Overlay - AC Thin	7/1/05
5	6	ALISO HILLS DR	ALICIA PKWY	LA CIENEGA ST	AAC	E	C	713	38	23,624	82	58	42	0	11/30/23	Patching - AC Deep	7/1/05
25	13	NELLIE GAIL RD	LOST COLT DR	RED LODGE PL	AAC	E	A	645	40	24,097	82	87	13	0	12/1/23	Surface Treatment - Slurry Seal	6/1/18
5	2	ALISO HILLS DR	LA PAZ RD	LUNA BONITA DR	AAC	E	C	453	38	15,254	83	88	12	0	11/30/23	Crack Sealing - AC	7/1/05
5	2	ALISO HILLS DR	LA PAZ RD	LUNA BONITA DR	AAC	E	C	453	38	15,254	83	88	12	0	11/30/23	Grinding (Localized)	7/1/05
5	2	ALISO HILLS DR	LA PAZ RD	LUNA BONITA DR	AAC	E	C	453	38	15,254	83	88	12	0	11/30/23	Overlay - AC Thin	7/1/05
5	2	ALISO HILLS DR	LA PAZ RD	LUNA BONITA DR	AAC	E	C	453	38	15,254	83	88	12	0	11/30/23	Patching - AC Deep	7/1/05
5	5	ALISO HILLS DR	MENDOCINO AV	LA CIENEGA ST	AAC	E	C	992	38	35,696	83	85	0	15	11/30/23	Grinding (Localized)	7/1/05
5	5	ALISO HILLS DR	MENDOCINO AV	LA CIENEGA ST	AAC	E	C	992	38	35,696	83	85	0	15	11/30/23	Overlay - AC Structural	7/1/05
5	5	ALISO HILLS DR	MENDOCINO AV	LA CIENEGA ST	AAC	E	C	992	38	35,696	83	85	0	15	11/30/23	Patching - AC Deep	7/1/05
328	1	WHITE ALDER LN	McINTYRE ST	OAK LEAF RD	AAC	E	D	435	37	16,224	83	80	0	20	11/26/23	Surface Treatment - Slurry Seal	6/1/18
25	10	NELLIE GAIL RD	OSO PKWY	LANE MERGE	AAC	E	A	983	20	19,855	83	83	14	3	12/4/23	Surface Treatment - Slurry Seal	6/1/18
75	1	CADILLAC DR	GRISSOM RD	BOONE PL	AAC	E	D	575	33	18,649	83	47	37	16	4/6/22	Surface Treatment - Slurry Seal	6/1/18
89	1	CHELSEA LN	NOTTINGHAM CT	SOUTH END	AAC	E	A	310	33	10,946	83	27	0	73	4/7/22	Overlay - AC Structural	8/1/14
103	2	DE SALLE ST	EARHART RD	GRISSOM RD	AAC	E	D	1,239	33	38,918	83	48	52	0	5/11/20	Overlay - AC Structural	8/1/12
115	1	EL DORADO DR	STAGE COACH DR	PRESIDIO DR	AAC	E	D	860	33	27,880	83	39	59	2	4/8/22	Surface Treatment - Slurry Seal	6/1/18

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
131	1	FARGO RD	ROCKRIDGE RD	SOUTH END	AAC	E	A	535	37	20,058	83	76	24	0	4/8/22	Overlay - AC Structural	8/1/14
32	3	RAPID FALLS RD	LOST TRAIL DR	HIDDEN TRAIL RD	AAC	E	A	1,292	38	47,436	83	43	50	7	5/11/20	Overlay - AC Structural	8/1/12
266	1	SANDRIDGE CIR	WESTRIDGE LN	EAST END	AAC	E	A	135	46	6,755	83	65	28	7	4/8/22	Overlay - AC Structural	8/1/14
297	1	SUTTER DR	EL DORADO DR	WEST END	AAC	E	D	600	36	22,524	83	37	63	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
337	1	WOOLWICH CT	WOOLWICH ST	WEST END	AAC	E	E	150	45	6,916	83	100	0	0	4/6/22	Overlay - AC Structural	7/1/11
161	1	KNOTTY PINE RD	MCINTYRE ST	MACKENZIE ST	AAC	E	D	525	33	19,009	83	100	0	0	11/26/23	Surface Treatment - Slurry Seal	6/1/18
60	1	BEARGRASS CIR	LOST COLT DR	SOUTH END	AAC	E	A	165	33	7,683	84	70	30	0	11/30/23	Surface Treatment - Slurry Seal	6/1/18
145	1	GRISSOM RD	PIKE RD	LA PAZ RD	AC	E	D	125	33	4,415	84	100	0	0	12/1/23	Surface Treatment - Slurry Seal	6/1/18
186	1	LUNA BONITA DR	LA SERRA ST	ENCANTO CT	AAC	E	C	662	33	21,636	84	97	0	3	11/22/23	Overlay - AC Structural	7/1/11
1	2	ALAMEDA AVE	EL PRADO ST	DEL MONTE ST	AAC	E	C	730	38	27,165	84	60	19	21	11/30/23	Overlay - AC Structural	7/1/11
284	1	SPOTTED PONY LN	EAST END	WEST END	AAC	E	A	955	39	30,432	84	87	13	0	11/30/23	Surface Treatment - Slurry Seal	6/1/18
80	1	CAMBERWELL ST	HON AVE	HENDON ST	AAC	E	E	1,103	37	39,161	84	64	36	0	4/6/22	Overlay - AC Structural	7/1/11
80	2	CAMBERWELL ST	HENDON	COUSTEU ST	AAC	E	E	607	37	22,917	84	65	35	0	4/6/22	Overlay - AC Structural	7/1/11
96	1	COSTEAU DR	ALICIA PKWY	CAJON DR	AAC	E	D	1,980	36	70,756	84	38	57	5	4/6/22	Surface Treatment - Slurry Seal	6/1/18
140	1	GOLD DUST LN	HIDDEN TRAIL RD	SOUTH END	AAC	E	A	910	36	32,723	84	75	25	0	4/8/22	Overlay - AC Structural	8/1/14
324	1	MACKENZIE CT	MACKENZIE ST	SOUTH END	AC	E	D	85	60	5,045	84	17	83	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
16	1	INDIAN HILL LN	MOULTON PKWY	ASH CREEK LN	AAC	E	E	662	38	23,777	84	97	0	3	12/1/23	Crack Sealing - AC	7/1/05
16	1	INDIAN HILL LN	MOULTON PKWY	ASH CREEK LN	AAC	E	E	662	38	23,777	84	97	0	3	12/1/23	Grinding (Localized)	7/1/05
16	1	INDIAN HILL LN	MOULTON PKWY	ASH CREEK LN	AAC	E	E	662	38	23,777	84	97	0	3	12/1/23	Overlay - AC Structural	7/1/05
16	1	INDIAN HILL LN	MOULTON PKWY	ASH CREEK LN	AAC	E	E	662	38	23,777	84	97	0	3	12/1/23	Patching - AC Deep	7/1/05
169	1	LARGO DR	WEST END	LINDA VISTA DR	AAC	E	C	1,430	35	50,183	84	51	49	0	11/30/23	Overlay - AC Structural	7/1/11
113	1	EL CAPITAN LN	CREEK DR	LARGO DR	AAC	E	C	880	33	30,241	85	82	0	18	11/30/23	Overlay - AC Structural	7/1/11
336	1	WOODCREEK DR	SW to CREEKVIEW DR	LOS ALISOS BLVD	AAC	E	E	245	33	8,798	85	85	15	0	11/30/23	Overlay - AC Structural	6/1/18
57	1	BARENTS ST	HILLARY LN	GRISSOM RD	AAC	E	D	1,300	33	43,337	85	56	37	7	4/6/22	Surface Treatment - Slurry Seal	6/1/18
86	3	CHAMPLAIN RD	PIKE RD	CHARLEMAGNE RD	AAC	E	D	725	33	25,502	85	57	43	0	5/11/20	Overlay - AC Structural	8/1/12
112	5	EARHART RD	VELASQUEZ RD	LAS BOLSA ST	AAC	E	D	1,168	37	41,943	85	57	43	0	5/11/20	Overlay - AC Structural	8/1/12
123	1	ERICSON WY	COSTEAU DR	EARHART RD	AAC	E	D	1,105	37	38,951	85	62	33	5	4/8/22	Overlay - AC Structural	7/1/11
342	3	HIDDEN TRAIL RD	DERBYHILL DR	STAGELINE DR	AAC	E	A	1,392	38	52,671	85	40	60	0	5/11/20	Overlay - AC Structural	8/1/12
184	1	LOST TRAIL DR	RAPID FALLS RD	DILLION RD	AAC	E	A	1,880	38	69,669	85	54	46	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
227	1	PASEO DE ALICIA	ALICIA PKWY	EAST END	AAC	E	D	260	60	15,172	85	47	42	11	5/11/20	Overlay - AC Structural	8/1/12
233	1	PIKE RD	LA SUEN RD	MACKENZIE ST	AAC	E	D	962	33	32,366	85	49	48	3	4/6/22	Surface Treatment - Slurry Seal	6/1/18
287	1	STAGE COACH DR	MACKENZIE ST	EL DORADO DR	AAC	E	D	625	37	24,100	85	57	40	3	4/8/22	Surface Treatment - Slurry Seal	6/1/18
326	2	WESTRIDGE LN	SANDRIDGE CIR	MAVERICK CIR	AAC	E	A	655	38	24,632	85	42	44	14	5/11/20	Overlay - AC Structural	8/1/12
290	1	STENSON PL	BUCKSBOARD LN	NORTH END	AAC	E	B	625	39	22,856	85	60	40	0	11/30/23	Surface Treatment - Slurry Seal	11/1/21
228	1	PATRICIA ST	LUPITA ST	EAST END	AC	E	C	420	37	15,727	85	100	0	0	11/22/23	Surface Treatment - Slurry Seal	11/1/21
57	3	BARENTS ST	WILKES PL	EAST END	AAC	E	D	1,310	36	46,447	86	50	42	8	5/11/20	Overlay - AC Structural	8/1/12
128	1	EXPRESS DR	ELDORADO DR	WEST END	AAC	E	D	600	36	21,816	86	79	21	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
183	2	LOST COLT DR	STAGELINE DR	BEARGRASS CIR	AAC	E	A	1,688	40	56,926	86	45	55	0	5/11/20	Overlay - AC Structural	8/1/12
220	1	ORELLANO WY	PIKE RD	NORTH END	AAC	E	D	870	36	27,834	86	93	0	7	4/8/22	Overlay - AC Fabric	8/1/14
32	1	RAPID FALLS RD	CABOT RD	SUNDOWNER DR	AAC	E	A	997	38	36,020	86	51	43	6	5/11/20	Overlay - AC Structural	8/1/12
250	1	RICKENBACKER RD	PIKE RD	LA PAZ RD	AAC	E	D	135	33	4,867	86	45	55	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
255	1	ROCKRIDGE RD	HIDDEN TRAIL RD	EAST END	AAC	E	A	995	36	35,695	86	27	64	9	4/8/22	Surface Treatment - Slurry Seal	6/1/18
261	1	SALFORD ST	SOUTHPORT ST	COSTEAU ST	AAC	E	E	950	33	33,748	86	57	40	3	4/6/22	Overlay - AC Structural	7/1/11
34	4	SAN REMO DR	PALERMO	PESARO	AAC	E	F	482	32	15,198	86	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
321	1	VISTA VIEJO	CITY LIMIT	DEVONSHIRE RD	AAC	E	A	1,530	39	53,056	86	23	77	0	5/11/20	Overlay - AC Structural	8/1/12
326	1	WESTRIDGE LN	LOST COLT DR	SANDRIDGE CIR	AAC	E	A	2,031	38	75,320	86	59	41	0	5/11/20	Overlay - AC Structural	8/1/12
101	1	CRESTA CT	CREEKVIEW DR	NORTH END	AAC	E	E	160	33	7,657	86	100	0	0	11/22/23	Overlay - AC Structural	6/1/18
273	1	SHENANDOAH DR	HIDDEN TRAIL RD	SOUTH END	AAC	E	A	550	41	22,289	87	49	44	7	11/26/23	Surface Treatment - Slurry Seal	6/1/18
103	1	DE SALLE ST	MACKENZIE ST	EARHART RD	AAC	E	D	1,200	33	38,614	87	40	57	3	5/11/20	Overlay - AC Structural	8/1/12
112	1	EARHART RD	BARENTS ST	VELASQUEZ RD	AAC	E	D	862	37	29,700	87	51	49	0	5/11/20	Overlay - AC Structural	8/1/12
233	2	PIKE RD	MACKENZIE ST	GRISSOM RD	AAC	E	D	1,157	33	37,217	87	39	53	8	5/11/20	Overlay - AC Structural	8/1/12
243	1	PRESIDO DR	EL DORADO DR	CALIFIA DR	AAC	E	D	490	36	18,476	87	50	50	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
295	1	SUNDOWNER DR	RAPID FALLS RD	NORTH END	AAC	E	A	310	38	11,253	87	41	25	34	5/11/20	Overlay - AC Structural	8/1/12
325	1	WELLS FARGO DR	CAJON DR	MACKENZIE ST	AAC	E	D	625	37	23,911	87	50	50	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
298	1	SYCAMORE LN	McINTYRE ST	WEST END	AAC	E	D	110	27	2,739	87	91	0	9	12/1/23	Surface Treatment - Slurry Seal	6/1/18
121	1	EMPTY SADDLE DR	NELLIE GAIL RD	SPOTTED PONY LN	AAC	E	A	1,880	36	55,789	88	81	19	0	11/30/23	Surface Treatment - Slurry Seal	6/1/18
1	1	ALAMEDA AVE	DEL MONTE ST	ALISO HILLS DR	AAC	E	C	474	38	16,388	88	100	0	0	11/30/23	Overlay - AC Structural	7/1/11
59	1	BAUTISTA DR	PADUA DR	SOUTH END	AAC	E	D	455	33	18,690	88	60	40	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
76	1	CAJON DR	WELLS FARGO DR	COSTEAU DR	AAC	E	D	560	37	17,551	88	77	12	11	4/8/22	Surface Treatment - Slurry Seal	6/1/18
85	1	CEDARBLUFF TER	WOODBUFF RD	EAST END	AAC	E	A	845	35	30,342	88	40	60	0	4/7/22	Overlay - AC Structural	8/1/14
88	1	CHARLEMAGNE RD	CHAMPLAIN RD	DE SALLE ST	AAC	E	D	535	33	17,196	88	70	30	0	5/11/20	Overlay - AC Structural	8/1/12
107	1	DERBY CIR	WILKES PL	WEST END	AAC	E	E	490	37	18,044	88	54	46	0	4/6/22	Overlay - AC Structural	7/1/11

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
342	2	HIDDEN TRAIL RD	PINESTRAP CIR	DERBYHILL DR	AAC	E	A	1,580	38	59,562	88	40	60	0	5/11/20	Overlay - AC Structural	8/1/12
172	1	LAS BOLSAS ST	TASMAN RD	GRISSOM RD	AAC	E	D	1,830	33	60,223	88	54	46	0	5/11/20	Overlay - AC Structural	8/1/12
189	4	MACKENZIE ST	CALIFIA DR	COUTEAU DR	AAC	E	D	1,542	37	54,141	88	98	2	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
207	1	MODOC DR	PADUA DR	SOUTH END	AAC	E	D	475	37	19,389	88	76	0	24	4/6/22	Surface Treatment - Slurry Seal	6/1/18
217	1	NOTTINGHAM CT	OSO PKWY	DEVONSHIRE RD	AAC	E	A	1,409	38	51,769	88	42	54	4	5/11/20	Overlay - AC Structural	8/1/12
217	2	NOTTINGHAM CT	DEVONSHIRE RD	BRADFORD LN	AAC	E	A	899	38	32,249	88	76	19	5	5/11/20	Overlay - AC Structural	8/1/12
224	1	PADUA DR	LA SUEN RD	MACKENZIE ST	AAC	E	D	885	36	31,702	88	60	40	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
248	1	RED LODGE PL	NELLIE GAIL RD	WEST END	AAC	E	A	685	40	23,012	88	73	27	0	11/30/23	Surface Treatment - Slurry Seal	6/1/18
34	3	SAN REMO DR	PALERMO	SANTA MARIA AVE	AC	E	F	539	32	16,095	88	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
301	1	TASMAN RD	ERICSON WY	VELASQUEZ RD	AAC	E	D	985	33	31,308	88	94	0	6	4/6/22	Overlay - AC Fabric	8/1/14
145	4	GRISSOM RD	MACKENZIE ST	WEST END	AAC	E	D	535	36	19,372	88	67	0	33	11/26/23	Surface Treatment - Slurry Seal	6/1/18
351	1	HEALTH CENTER DR	PASEO DE VALENCIA	CALLE DE LA LOUISA	AC	E	E	760	20	24,915	88	100	0	0	12/4/23	New Construction - Initial	1/1/80
279	1	SORRELL PL	BUCKSKIN DR	EAST END	AAC	E	B	280	34	11,593	88	100	0	0	11/26/23	Surface Treatment - Slurry Seal	11/1/21
339	1	YOLANDA ST	EVA ST	RAMONA ST	AC	E	C	800	33	25,680	88	79	21	0	11/30/23	Surface Treatment - Slurry Seal	11/1/21
92	1	COACH SPRINGS LN	HIDDEN TRAIL RD	WEST END	AAC	E	A	500	38	18,511	88	100	0	0	11/26/23	Patching - AC Deep	8/1/14
258	1	ROSA ST	LUPITA ST	NORTH END	AC	E	C	560	36	19,984	89	100	0	0	11/26/23	Surface Treatment - Slurry Seal	11/1/21
70	1	BROKEN BIT LN	BUCKSKIN DR	SOUTH END	AAC	E	B	785	36	29,498	89	80	20	0	11/26/23	Surface Treatment - Slurry Seal	11/1/21
351	2	HEALTH CENTER DR	CALLE DE LA LOUISA	PASEO DE VALENCIA	AC	E	E	769	20	24,057	89	59	41	0	12/4/23	New Construction - Initial	1/1/80
220	2	ORELLANO WY	ORELLANO WY	END	AAC	E	D	105	33	5,745	89	95	0	5	11/30/23	Overlay - AC Structural	7/1/14
64	1	BLACK HORSE LN	LOST COLT DR	EAST END	AAC	E	A	850	36	30,715	89	52	48	0	5/11/20	Overlay - AC Structural	8/1/12
69	4	BRIDLEWOOD DR	LAUREL CREST DR	MEADOW CREST DR	AAC	E	A	791	38	28,270	89	45	48	7	5/11/20	Overlay - AC Structural	8/1/12
168	1	LA SUEN RD	CALIFIA DR	PIKE RD	AAC	E	D	1,000	36	39,176	89	83	0	17	4/6/22	Surface Treatment - Slurry Seal	6/1/18
189	1	MACKENZIE ST	LA PAZ RD	KNOTTY PINE RD	AAC	E	D	888	33	30,465	89	88	0	12	4/8/22	Overlay - AC Fabric	8/1/14
189	3	MACKENZIE ST	PIKE RD	CALIFIA DR	AAC	E	D	988	37	35,635	89	87	0	13	4/6/22	Surface Treatment - Slurry Seal	6/1/18
198	1	MCINTYRE ST	PIKE RD	LA PAZ RD	AAC	E	D	120	33	4,419	89	53	47	0	4/6/22	Surface Treatment - Slurry Seal	6/1/18
199	1	MEADOW CREST DR	BRIDLEWOOD DR	NORTH END	AAC	E	A	625	36	23,545	89	55	45	0	5/11/20	Overlay - AC Structural	8/1/12
212	1	MT DIABLO RD	GLEN CANYON DR	SOUTH END	AAC	E	B	1,300	36	46,307	89	76	24	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
34	1	SAN REMO DR	TERAMO	SANTA VITTORIA DR.	AAC	E	F	1,100	32	34,543	89	98	2	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
313	1	VELASQUEZ RD	TASMAN RD	NORTHURP DR	AAC	E	D	610	33	20,363	89	97	0	3	4/6/22	Overlay - AC Fabric	8/1/14
52	1	APPALOOSA PL	MUSTANG DR N CNR	LA PAZ RD S CNR	AAC	E	B	240	35	9,839	89	24	76	0	11/30/23	Surface Treatment - Slurry Seal	11/1/21
86	4	CHAMPLAIN RD	CHAMPLAIN RD	END	AAC	E	D	114	33	6,073	90	100	0	0	11/26/23	Overlay - AC Structural	7/1/12
6	15	AVENIDA DE LA CARLOTA	LOS ALISOS BL S CNR	CHRISTINA CT N CNR	AAC	E	E	155	34	5,652	90	100	0	0	12/4/23	Overlay - AC Structural	6/1/18
1	3	ALAMEDA AVE	EL PRADO ST	ELENA DR	AAC	E	C	637	38	22,561	90	100	0	0	11/30/23	Overlay - AC Structural	7/1/11
56	1	BARBERA	SANTA VITTORIA	MARSALA	AAC	E	F	303	39	9,707	90	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
56	2	BARBERA	MARSALA	PESARO	AAC	E	F	1,179	39	42,593	90	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
62	1	BENTLEY LN	ALICIA PKWY	EAST END	AAC	E	D	1,555	38	57,924	90	53	22	25	5/11/20	Overlay - AC Structural	8/1/12
69	2	BRIDLEWOOD DR	OSO PKWY	LAUREL CREST DR	AAC	E	A	1,250	38	44,957	90	46	54	0	5/11/20	Overlay - AC Structural	8/1/12
93	1	COLONNA	SORESINA	PESARO	AAC	E	F	570	35	19,350	90	73	27	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
183	3	LOST COLT DR	BEARGRASS CIR	NELLIE GAIL RD	AAC	E	A	600	40	18,912	90	63	23	14	5/11/20	Overlay - AC Structural	8/1/12
187	1	LUPITA ST	LOUISA ST	EVA ST	AC	E	C	600	33	19,313	90	78	22	0	11/22/23	Surface Treatment - Slurry Seal	11/1/21
189	2	MACKENZIE ST	KNOTTY PINE RD	LA PAZ RD	AAC	E	D	919	37	31,724	90	82	18	0	4/8/22	Overlay - AC Fabric	8/1/14
196	1	MAVERICK CIR	WESTRIDGE LN	SOUTH END	AAC	E	A	290	40	11,851	90	57	40	3	5/11/20	Overlay - AC Structural	8/1/12
209	1	MONTOVA	MILANO	END	AAC	E	F	268	35	11,707	90	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
216	1	NORTHURP DR	VELASQUEZ RD	LAS BOLSAS ST	AAC	E	D	1,400	33	46,888	90	100	0	0	4/6/22	Overlay - AC Fabric	8/1/14
222	1	OVERLAND DR	CAJON DR	WEST END	AAC	E	D	570	36	20,437	90	100	0	0	4/8/22	Surface Treatment - Slurry Seal	6/1/18
29	2	PERALTA DR	ALCADE DR	RIDGE ROUTE DR	AAC	E	F	570	40	20,693	90	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
257	1	ROLLING HILLS RD	WILLOW TREE LN	WEST END	AAC	E	A	515	33	17,948	90	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
288	1	STAGELINE DR	LOST COACH DR	HIDDEN TRAIL RD	AAC	E	A	1,820	38	68,144	90	97	0	3	4/8/22	Overlay - AC Structural	8/1/14
310	1	TREE TOP RD	FIR LN	EAST END	AAC	E	D	930	37	35,023	90	55	21	24	5/11/20	Overlay - AC Structural	8/1/12
51	2	ANDREA ST	LUPITA ST	SOUTH END	AC	E	C	269	39	11,066	90	100	0	0	11/26/23	Surface Treatment - Slurry Seal	11/1/21
185	1	LOUISA ST	MOULTON PKWY	WEST END	AC	E	C	1,225	33	40,779	91	100	0	0	11/26/23	Surface Treatment - Slurry Seal	11/1/21
270	1	SARITA DR	LINDA VISTA DR	LA HABRA CT	AC	E	C	222	33	10,570	91	98	0	2	11/30/23	New Construction - Initial	1/1/80
42	1	ADAMO	SORESINA	END	AC	E	F	308	35	16,544	91	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
67	1	BOOTSTRAP PL	GALLUP CIR	WEST END	AAC	E	B	175	44	8,026	91	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
68	1	BRADFORD LN	NOTTINGHAM CT	NORTH END	AAC	E	A	225	41	7,108	91	49	45	6	5/11/20	Overlay - AC Structural	8/1/12
102	1	DAPPLE GREY DR	NELLIE GAIL DR S CNR	WILD VIEW TER	AAC	E	B	667	34	21,927	91	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
104	2	DEL LAGO DR	LA CADENA DR	LAKE FOREST DR	AAC	E	F	870	64	53,578	91	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
125	1	EUCALYPTUS DR	WOODBUFF RD	EAST END	AAC	E	A	340	32	11,189	91	56	41	3	4/7/22	Overlay - AC Structural	8/1/14
134	1	FLINTLOCK LN	BRIDLEWOOD DR	NORTH END	AAC	E	B	1,015	36	35,808	91	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
139	1	GLEN CANYON DR	NELLIE GAIL RD	SOUTH END	AAC	E	B	1,985	38	70,050	91	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
151	1	HILLARY LN	BARENTS ST	PASEO DE VALENCIA	AAC	E	D	1,050	37	42,219	91	77	0	23	4/6/22	Overlay - AC Fabric	8/1/14
173	1	LAURAL CREST DR	BRIDLEWOOD DR	PATTERSON	AAC	E	A	1,400	37	51,606	91	57	43	0	5/11/20	Overlay - AC Structural	8/1/12

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
204	1	MILANO	TARANTO	MONTOVA	AAC	E	F	198	35	7,593	91	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
229	1	PATTERSON PL	LAUREL CREST DR	MOORE OAKS RD	AAC	E	A	360	37	12,715	91	63	37	0	5/11/20	Overlay - AC Structural	8/1/12
282	1	SOUTHPORT CT	SOUTHPORT ST	NORTH END	AAC	E	E	140	45	6,625	91	94	0	6	4/6/22	Overlay - AC Structural	7/1/11
289	1	STAGEWOOD CT	STAGELINE DR	NORTH END	AAC	E	A	355	38	14,585	91	100	0	0	4/8/22	Overlay - AC Structural	8/1/14
308	1	TOMBSTONE RD	OSO PKWY	HITCHING RAIL RD	AAC	E	B	315	20	6,913	91	45	55	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
40	1	VISTA GRANDE DR	PERALTA DR	END	AAC	E	F	443	40	19,084	91	98	2	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
323	1	WATERWHEEL PL	HITCHING RAIL RD	EAST END	AAC	E	B	390	38	15,558	91	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
329	1	WHITE OAKS DR	LAUREL CREST DR	SOUTH END	AAC	E	A	950	33	35,751	91	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
51	1	ANDREA ST	LUPITA ST	NORTH END	AC	E	C	272	39	11,390	91	100	0	0	11/26/23	Surface Treatment - Slurry Seal	11/1/21
81	1	CARLSON CT	LAUREL CREST DR	EAST END	AAC	E	A	135	33	7,131	92	66	0	34	12/1/23	Overlay - AC Structural	8/1/14
244	1	RAMONA ST	YOLANDA ST	ALICIA PKWY	AC	E	C	475	31	15,789	92	100	0	0	11/22/23	Surface Treatment - Slurry Seal	11/1/21
41	1	ABILENE CIR	HIDDEN TRAIL RD	WEST END	AAC	E	A	410	38	16,081	92	100	0	0	4/8/22	Overlay - AC Structural	8/1/14
43	1	ALCALDE DR	VERDUGO DR	PERALTA DR	AAC	E	F	1,560	43	64,688	92	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
63	1	BIANCO	MARSALA	END	AAC	E	F	348	35	15,781	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
75	2	CADILLAC DR	BOONE PL	HILLARY LN	AAC	E	D	422	33	13,391	92	90	0	10	4/6/22	Overlay - AC Fabric	8/1/14
82	1	CARMEL ST	SOUTH END	NORTH END	AC	E	C	865	35	32,519	92	100	0	0	11/22/23	Surface Treatment - Slurry Seal	11/1/21
86	1	CHAMPLAIN RD	EARHART RD	VESPUCCI RD	AAC	E	D	830	35	23,057	92	73	27	0	5/11/20	Overlay - AC Structural	8/1/12
102	2	DAPPLE GREY DR	WILD VIEW TER	NELLIE GAIL RD	AAC	E	B	1,624	34	54,591	92	100	0	0	3/16/22	Overlay - AC Structural	7/1/11
104	1	DEL LAGO DR	ALCALDE DR	LA CADENA DR	AAC	E	F	1,160	44	47,409	92	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
110	1	DEVONSHIRE RD	FALLING LEAF DR	NOTTINGHAM CT	AAC	E	A	900	37	33,429	92	88	0	12	5/11/20	Overlay - AC Structural	8/1/12
112	2	EARHART RD	DE SALLE DR	CHAMPLAIN RD	AAC	E	D	485	33	16,756	92	72	28	0	5/11/20	Overlay - AC Structural	8/1/12
116	2	EL PACIFICO DR	MOULTON PKWY	VERDUGO DR	AAC	E	F	300	64	18,126	92	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
132	1	FIR LN	EVERGREEN RD	TREE TOP RD	AAC	E	D	250	37	11,957	92	71	29	0	5/11/20	Overlay - AC Structural	8/1/12
137	1	GENOVA	PALERMO	END	AAC	E	F	562	35	23,671	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
14	1	GREENFIELD DR	SR 73 RAMPS	HIDDEN TRAIL RD	AAC	E	A	794	38	32,549	92	89	0	11	5/11/20	Overlay - AC Structural	8/1/12
342	1	HIDDEN TRAIL RD	GREENFIELD DR	PINESTRAP CIR	AAC	E	A	1,612	38	61,892	92	65	32	3	5/11/20	Overlay - AC Structural	8/1/12
17	1	LA CADENA DR	PERALTA DR	DEL LAGO DR	AAC	E	F	541	40	22,248	92	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
17	2	LA CADENA DR	VERDUGO DR	DEL LAGO DR	AAC	E	F	709	40	29,708	92	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
177	1	LOMBARDI	PASERO	END	AAC	E	F	315	35	13,789	92	44	56	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
179	1	LONE PINE CIR	HIDDEN TRAIL RD	EAST END	AAC	E	A	340	38	13,691	92	93	0	7	4/8/22	Overlay - AC Structural	8/1/14
210	1	MOORE OAKS RD	DEVONSHIRE RD	NORTH END	AAC	E	A	690	33	25,602	92	88	0	12	5/11/20	Overlay - AC Structural	8/1/12
213	1	MUSTANG DR	NELLIE GAIL RD	FARRIER	AAC	E	B	648	39	23,933	92	100	0	0	3/16/22	Overlay - AC Structural	7/1/11
213	2	MUSTANG DR	FARRIER	APPALOOSA PL	AAC	E	B	1,372	39	51,031	92	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
218	1	OAK HOLLOW RD	ELM BANK DR	NORTH END	AAC	E	A	180	38	8,035	92	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
226	1	PALERMO	SAN REMO DR	TARANTO	AAC	E	F	964	35	31,074	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
230	1	PECOS RD	HITCHING RAIL RD	WEST END	AAC	E	B	1,220	36	43,924	92	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
242	1	PRAIRESTONE DR	NELLIE GAIL RD	HITCHING RAIL RD	AAC	E	B	1,525	39	53,006	92	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
34	2	SAN REMO DR	PESARO	TERAMO	AAC	E	F	612	32	19,837	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
300	2	TARANTO	TREVISO	VENISIA	AAC	E	F	803	35	27,905	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
302	1	TERAMO	SAN REMO	MARSALA	AAC	E	F	747	39	27,343	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
303	1	TERNI	SORESINA	END	AAC	E	F	330	35	12,025	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
38	1	TERRA DR	LA CADENA DR	END	AAC	E	F	158	40	8,474	92	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
309	1	TORINO	TARANTO	TORINO	AAC	E	F	252	35	7,054	92	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
39	1	VERDUGO DR	LA CADENA DR	EL PACIFICO DR	AAC	E	F	587	36	23,434	92	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
317	1	VESPUCCI RD	CHAMPLAIN RD	DE SALLE ST	AAC	E	D	160	33	6,456	92	96	0	4	5/11/20	Overlay - AC Structural	8/1/12
317	2	VESPUCCI RD	LAS BOLSAS ST	VELASQUEZ RD	AAC	E	D	1,055	33	34,292	92	84	0	16	4/6/22	Overlay - AC Fabric	8/1/14
330	1	WILD VIEW TER	DAPPLE GREY DR	SOUTH END	AAC	E	B	410	38	16,974	92	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
334	1	WOOD BLUFF RD	VISTA VIEJO	ELDERBROOK LN	AAC	E	A	1,142	37	40,496	92	67	33	0	5/11/20	Overlay - AC Structural	8/1/12
338	2	WOOLWICH ST	WOOLWICH CT	WILKES PL	AAC	E	E	1,030	32	33,087	92	100	0	0	4/6/22	Overlay - AC Structural	7/1/11
50	1	ANCONA	TREVISO	END	AAC	E	F	306	35	18,073	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
58	1	BARKSTONE LN	VISTA VIEJO	NORTH END	AAC	E	A	660	36	23,809	93	96	0	4	4/7/22	Overlay - AC Structural	8/1/14
69	6	BRIDLEWOOD DR	MEADOW CREST DR	VISTA VIEJO	AAC	E	A	1,476	38	53,923	93	65	35	0	5/11/20	Overlay - AC Structural	8/1/12
72	1	BUCKLESTONE CT	NELLIE GAIL RD	NORTH END	AAC	E	B	350	39	14,001	93	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
84	1	CATANIA	CREMONA	END	AAC	E	F	255	35	10,506	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
87	1	CHAPARREL PL	NELLIE GAIL RD	SOUTH END	AAC	E	B	155	46	8,681	93	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
100	1	CREMONA	TARANTO	END	AAC	E	F	319	35	13,106	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
116	1	EL PACIFICO DR	VERDUGO DR	END	AAC	E	F	235	43	13,362	93	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
348	1	ELDERBROOK LN	WOODBLUFF RD	SOUTH END	AAC	E	A	160	33	7,705	93	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
130	1	FALLING LEAF DR	DEVONSHIRE RD	WOODBLUFF RD	AAC	E	A	1,670	37	60,018	93	84	0	16	4/7/22	Overlay - AC Structural	8/1/14
133	1	FLETCHER PL	LAUREL CREST DR	EAST END	AAC	E	A	270	40	11,011	93	96	0	4	4/7/22	Overlay - AC Structural	8/1/14
135	1	FORMELLO	BARBERA	END	AAC	E	F	378	35	15,607	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
143	1	GRAVINO	PESARO	END	AAC	E	F	280	35	12,328	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
144	1	GRISSOM CIR	HILLARY LN	WEST END	AAC	E	D	120	47	6,001	93	100	0	0	4/6/22	Overlay - AC Structural	7/1/14
147	1	HARTOG ST	VELASQUEZ RD	LAS BOLSAS ST	AAC	E	D	875	31	26,627	93	60	34	6	4/6/22	Overlay - AC Fabric	8/1/14
149	1	HIGHPLAINS TER	GLEN CANYON DR	EAST END	AAC	E	B	515	37	19,710	93	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
176	1	LIPARI	TERAMO	END	AAC	E	F	368	35	17,337	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
191	1	MAGNOLIA CT	FALLING LEAF DR	SOUTH END	AAC	E	A	555	33	20,100	93	92	0	8	4/7/22	Overlay - AC Structural	8/1/14
195	1	MARSALA	BARBERA	END	AAC	E	F	967	39	35,878	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
197	2	MAWSON DR	VELASQUEZ RD	LAS BOLSAS ST	AAC	E	D	1,063	33	33,399	93	93	0	7	4/6/22	Overlay - AC Fabric	8/1/14
198	2	McINTYRE ST	LA PAZ RD	EVERGREEN RD	AAC	E	D	1,500	37	54,783	93	68	32	0	5/11/20	Overlay - AC Structural	8/1/12
202	1	MESSINA	COLONNA	END	AAC	E	F	226	35	9,627	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
206	1	MODINA	FORMELLO	END	AAC	E	F	296	35	14,059	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
214	1	NAPOLI	PALERMO	END	AAC	E	F	495	35	18,566	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
25	2	NELLIE GAIL RD	DAPPLE GREY DR	BUCKBOARD LN	AAC	E	B	470	38	18,795	93	75	0	25	3/16/22	Crack Sealing - AC	2/12/08
221	1	OROVILLE PL	MT DIABLO RD	SOUTH END	AAC	E	B	605	37	24,466	93	66	34	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
29	1	PERALTA DR	LA CADENA DR	ALCALDE DR	AAC	E	F	1,346	40	53,502	93	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
232	1	PESARO	SAN REMO DR	END	AAC	E	F	850	42	32,684	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
262	1	SAN DONA	GENOVA	END	AAC	E	F	312	35	14,257	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
272	1	SAVONA	BARBERA	END	AAC	E	E	284	35	14,601	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
274	1	SHERIFF RD	NELLIE GAIL RD	EAST END	AAC	E	B	775	36	30,529	93	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
278	1	SORESINA	TERAMO	ADAMO	AAC	E	F	655	35	21,921	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
300	1	TARANTO	VENISIA	SAN REMO DR	AAC	E	F	902	35	19,565	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
309	2	TORINO	WEST END	EAST END	AAC	E	F	298	35	20,018	93	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
39	2	VERDUGO DR	ALCALDE DR	EL PACIFICO DR	AAC	E	F	560	36	22,708	93	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
335	1	WOOD BROOK RD	LAUREL CREST	WEST END	AAC	E	A	465	33	17,329	93	73	0	27	4/7/22	Overlay - AC Structural	8/1/14
49	1	ANADALE DR	VISTA VIEJO N CNR	NORTH END	AAC	E	A	890	35	31,942	94	85	0	15	4/7/22	Overlay - AC Structural	8/1/14
9	1	COMMERCE CENTER DR	AVE DE LA CARLOTA	END	AAC	E	F	983	46	42,461	94	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
108	1	DERBYHILL DR	HIDDEN TRAIL RD	WEST END	AAC	E	A	1,140	38	45,235	94	100	0	0	4/8/22	Overlay - AC Structural	8/1/14
120	1	ELM BANK DR	DEVONSHIRE RD	WEST END	AAC	E	A	510	37	18,896	94	95	0	5	4/7/22	Overlay - AC Structural	8/1/14
141	1	GOLDEN ROD CIR	MAGNOLIA CT	EAST END	AAC	E	A	85	63	5,132	94	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
346	1	GREEN HILLS LN	WOODBUFF RD	RAIN TREE RD	AAC	E	A	597	33	18,373	94	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
146	1	HARRINGTON CT	NOTTINGHAM CT	NORTH END	AAC	E	A	395	38	15,142	94	86	0	14	4/7/22	Overlay - AC Structural	8/1/14
193	1	MAPLE VIEW DR	LAUREL CREST DR	WEST END	AAC	E	A	580	36	21,015	94	91	0	9	4/7/22	Overlay - AC Structural	8/1/14
197	1	MAWSON DR	WILKES PL	VELASQUEZ RD	AAC	E	D	911	33	29,519	94	89	0	11	4/6/22	Overlay - AC Fabric	8/1/14
213	3	MUSTANG DR	APPALOOSA PL	BUCKSKIN DR	AAC	E	B	1,417	39	53,199	94	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
223	1	PADOVA	MARSALA	END	AAC	E	F	268	35	12,620	94	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
234	1	PINE NUT RD	TREE TOP RD	PASEO DE VALENCIA	AAC	E	D	120	37	5,110	94	89	0	11	5/11/20	Overlay - AC Structural	8/1/12
245	1	RANGEWOOD RD	GALLUP CIR	EAST END	AAC	E	B	1,290	36	46,135	94	100	0	0	3/16/22	Overlay - AC Structural	7/1/11
247	1	RED CORRAL RD	NELLIE GAIL RD	HORSESHOE	AAC	E	B	1,370	34	44,839	94	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
251	1	RIMINI	SAN REMO DR	END	AAC	E	F	250	35	10,483	94	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
286	1	SPUR BRANCH LN	HITCHING RAIL RD	EAST END	AAC	E	B	760	36	28,184	94	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
311	1	TREVISIO	NAPOLI	END	AAC	E	F	425	35	10,508	94	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
313	4	VELASQUEZ RD	TASMAN RD	COSTEAU DR	AAC	E	D	260	33	8,983	94	100	0	0	4/6/22	Overlay - AC Fabric	8/1/14
314	1	VENISIA	TARANTO	END	AAC	E	F	287	35	11,383	94	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
331	2	WILKES PL	GRISSOM RD	ALICIA PKWY	AAC	E	D	1,125	33	37,401	94	100	0	0	4/6/22	Overlay - AC Fabric	8/1/14
334	2	WOOD BLUFF RD	ELDERBROOK LN	FALLING LEAF DR	AAC	E	A	1,902	37	70,544	94	94	0	6	4/7/22	Overlay - AC Structural	8/1/14
47	1	AMALIA ST	YOLANDA ST	CARMEL ST	AC	E	C	210	33	6,787	95	100	0	0	11/22/23	Surface Treatment - Slurry Seal	11/1/21
345	1	ANVIL CIR	FARRIER CIR	NORTH END	AAC	E	B	707	33	28,842	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
57	2	BARENTS ST	WILKES PL	HILLARY LN	AAC	E	D	135	33	4,764	95	100	0	0	4/6/22	Overlay - AC Fabric	8/1/14
69	1	BRIDLEWOOD DR	FLINTLOCK LN	NELLIE GAIL RD	AAC	E	B	490	39	17,957	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
69	5	BRIDLEWOOD DR	SADDLE ROCK PL	FLINTLOCK LN	AAC	E	B	755	41	27,758	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
129	1	FAIRCOURT LN	WOODBUFF RD	EAST END	AAC	E	A	565	36	21,572	95	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
136	1	GALLUP CIR	LA PAZ RD	RANGEWOOD RD	AAC	E	B	1,908	39	70,021	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
136	2	GALLUP CIR	RANGEWOOD RD	NELLIE GAIL RD	AAC	E	B	1,034	37	38,328	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
139	2	GLEN CANYON DR	BRIDLEWOOD DR	END	AAC	E	B	146	33	7,105	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
145	3	GRISSOM RD	LAS BOLSAS ST	WILKES PL	AAC	E	D	1,785	33	57,687	95	85	4	11	4/6/22	Overlay - AC Fabric	8/1/14
152	3	HITCHING RAIL RD	TOMBSTONE RD	PRIRESTONE RD	AAC	E	B	1,410	39	59,753	95	100	0	0	3/16/22	Overlay - AC Structural	7/1/11
155	1	IRONWOOD DR	GREEN HILLS LN	MIDDLERIDGE LN	AAC	E	A	900	33	31,745	95	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
203	1	MIDDLERIDGE LN	IRONWOOD DR	WOODBUFF RD	AAC	E	A	235	33	5,944	95	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
25	4	NELLIE GAIL RD	CHAPARRAL PL	HOUSTON TR	AAC	E	B	593	38	22,731	95	100	0	0	3/16/22	Crack Sealing - AC	2/12/08
25	9	NELLIE GAIL RD	MUSTANG DR	BRIDLEWOOD DR	AAC	E	B	409	38	15,544	95	54	46	0	3/16/22	Crack Sealing - AC	2/12/08
31	1	PLAZA POINTE DR	AVENIDA DE LA CARLOTA	SOUTH POINTE DR	AAC	E	F	895	35	35,210	95	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
239	1	POINTSETTIA CT	WOOD BROOD RD	NORTH END	AAC	E	A	150	33	7,038	95	87	0	13	4/7/22	Overlay - AC Structural	8/1/14
347	1	RAIN TREE RD	GREEN HILLS LN	EAST END	AAC	E	A	646	33	25,006	95	93	0	7	4/7/22	Overlay - AC Structural	8/1/14

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
247	2	RED CORRAL RD	HORSESHOE	MUSTANG DR	AAC	E	B	1,003	34	32,473	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
249	1	RICH SPRINGS CIR	HITCHING RAIL RD	WEST END	AAC	E	B	175	44	8,147	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
260	1	SADDLEROCK PL	BRIDLEWOOD DR	WEST END	AAC	E	B	540	37	20,465	95	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
35	2	SOUTH POINTE DR	PLAZA POINTE DR	PERALTA RD	AAC	E	F	871	40	33,739	95	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
292	1	STRATFORD PL	NOTTINGHAM PL	NORTH END	AAC	E	A	265	40	10,707	95	93	0	7	4/7/22	Overlay - AC Structural	8/1/14
316	1	VERONA	TARANTO	END	AAC	E	F	328	35	14,216	95	100	0	0	4/7/22	Surface Treatment - Slurry Seal	11/1/21
332	1	WILLOW TREE LN	FALLING LEAF DR	ROLLING HILLS RD	AAC	E	A	275	33	11,023	95	100	0	0	4/7/22	Overlay - AC Structural	8/1/14
126	1	EVA ST	LUPITA ST	YOLANDA ST	AC	E	C	950	33	32,987	95	100	0	0	11/22/23	Surface Treatment - Slurry Seal	11/1/21
152	1	HITCHING RAIL RD	PRIARESTONE DR	NELLIE GAIL RD	AAC	E	B	1,150	39	44,158	96	100	0	0	3/16/22	Overlay - AC Structural	7/1/11
25	1	NELLIE GAIL RD	OSO PKWY	DAPPLE GREY DR	AAC	E	B	468	24	17,591	96	54	0	46	3/16/22	Crack Sealing - AC	2/12/08
25	18	NELLIE GAIL RD	SHERIFF RD	PRAIRIESTONE DR	AAC	E	B	704	38	25,935	96	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
25	19	NELLIE GAIL RD	BUCKLESTONE CT	SHERIFF RD	AAC	E	A	849	38	31,480	96	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
25	21	NELLIE GAIL RD	NELLIE GAIL RD	RED CORRAL	AAC	E	B	665	38	24,728	96	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
25	5	NELLIE GAIL RD	PRAIRIESTONE DR	GLEN CANYON DR	AAC	E	B	714	38	27,037	96	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
25	8	NELLIE GAIL RD	HOUSTON TR	MUSTANG DR	AAC	E	B	492	38	17,973	96	100	0	0	3/16/22	Crack Sealing - AC	2/12/08
112	6	EARHART RD	EARHART RD	SOUTH END	AAC	E	D	118	33	6,192	96	100	0	0	4/6/22	Overlay - AC Fabric	8/1/14
109	1	DESERT TRAIL	NELLIE GAIL DR	SOUTH END	AAC	E	B	525	37	19,628	97	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
25	20	NELLIE GAIL RD	BUCKLESTONE CT	CABOT RD	AAC	E	B	758	38	29,011	97	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
25	3	NELLIE GAIL RD	BUCKBOARD LN	CHAPARRAL PL	AAC	E	B	1,284	38	47,504	97	100	0	0	3/16/22	Crack Sealing - AC	2/12/08
25	6	NELLIE GAIL RD	RED CORRAL RD	GALLUP CIR	AAC	E	B	854	38	30,993	97	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
35	1	SOUTH POINTE DR	PLAZA POINTE DR	END	AAC	E	F	487	40	21,196	97	100	0	0	3/14/22	Surface Treatment - Slurry Seal	11/1/21
344	1	FARRIER CIR	MUSTANG DR	NORTH END	AAC	E	B	571	33	22,482	98	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
152	2	HITCHING RAIL RD	CABOT RD	TOMBSTONE RD	AAC	E	B	430	39	15,589	98	100	0	0	3/16/22	Overlay - AC Structural	7/1/07
343	1	HORSESHOE CIR	RED CORRAL RD	SOUTH END	AAC	E	B	396	33	16,167	98	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
154	1	HOUSTON TRAIL	NELLIE GAIL RD	SOUTH END	AAC	E	B	860	36	31,566	98	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
25	7	NELLIE GAIL RD	GLEN CANYON DR	GALLUP CIR	AAC	E	B	575	38	22,910	98	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
240	1	POKER FLATS PL	NELLIE GAIL RD	NORTH END	AAC	E	B	310	40	12,786	98	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
69	3	BRIDLEWOOD DR	OSO PKWY	SADDLE ROCK PL	AAC	E	B	220	36	8,796	99	100	0	0	3/16/22	Surface Treatment - Slurry Seal	11/1/21
44	1	ALISAL AVE	SARITA DR	LINDA VISTA DR	AAC	E	C	970	33	31,319	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
44	2	ALISAL AVE	LINDA VISTA DR	PASEO DE VALENCIA	AAC	E	C	120	37	4,532	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
45	1	ALTA LOMA CT	SANTA ROSA AVE	EAST END	AAC	E	C	460	37	18,714	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
46	1	ALTA MIRA DR	ALEMEDA AVE	BUENA VISTA DR	AAC	E	C	400	37	14,174	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
48	1	ANACAPA ST	SAN PEDRO AVE	EL PRADO ST	AAC	E	C	770	33	24,949	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
53	1	ASHLAND DR	KENNINGTON DR	WEYBURN DR	AAC	E	E	1,175	37	43,309	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
55	1	AVENIDA AVALON	VIA BALBOA	SOUTH END	AAC	E	E	210	33	8,692	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
61	1	BECKENHAM ST	PASEO DE VALENCIA	ACACIA LN	AAC	E	E	1,063	36	35,267	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
61	2	BECKENHAM ST	ACACIA LN	WILKES PL	AAC	E	E	591	36	18,845	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
73	1	BUCKSKIN DR	NELLIE GAIL RD	SILVER SADDLE LN	AAC	E	B	1,329	39	49,275	100	0	0	0	11/1/21	Overlay - AC Structural	11/1/21
73	2	BUCKSKIN DR	SILVER SADDLE LN	MUSTANG DR	AAC	E	B	904	39	33,689	100	0	0	0	11/1/21	Overlay - AC Structural	11/1/21
73	3	BUCKSKIN DR	MUSTANG DR	BUCKBOARD LN	AAC	E	B	1,001	39	38,062	100	0	0	0	11/1/21	Overlay - AC Structural	11/1/21
74	1	BUENA VISTA DR	LOS GATOS DR	NORTH END	AAC	E	C	1,130	38	43,072	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
77	1	CALERO AVE	LA MIRADA ST	EL CONEJO LN	AAC	E	C	290	33	10,417	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
79	1	CALLE CARMEL	HENDON ST	SOUTH END	AAC	E	E	570	26	16,440	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
83	1	CAROL LN	JULIE AVE	EAST END	AAC	E	E	430	37	16,227	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
91	1	CLARINGTON DR	WEYBURN DR	KENNINGTON DR	AAC	E	E	1,265	37	46,953	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
98	1	CREEK DR	LINDA VISTA DR	SOUTH END	AAC	E	C	780	35	27,774	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
105	1	DEL MONTE ST	ALAMEDA AVE	LA CUESTA AVE	AAC	E	C	950	37	34,363	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
114	1	EL CONEJO LN	LINDA VISTA DR	CALERO AVE	AAC	E	C	930	33	29,817	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
117	1	EL PRADO ST	ALAMEDA AVE	SAN PEDRO AVE	AAC	E	C	810	37	29,382	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
118	1	EL SEGUNDO ST	ALISO HILLS DR	NORTH END	AAC	E	C	570	36	21,362	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
119	1	ELENA DR	LOS GATOS DR	ALAMEDA AVE	AAC	E	C	535	37	21,634	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
124	1	ERNESTINE CT	LINDA FLORA ST	NORTH END	AAC	E	C	475	37	17,443	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
142	1	GORDON RD	MOULTON PKWY	IMPERIAL DR	AAC	E	C	450	37	18,217	100	0	0	0	8/31/21	Overlay - AC Structural	8/31/21
148	2	HENDON ST	CAMBERWELL ST	CALLE CARMEL	AAC	E	E	500	37	19,577	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
15	3	HON AVE	CAMBERWELL ST	GEORGIA SUE	AAC	E	E	1,482	33	57,324	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
156	1	JORIE DR	WEYBURN DR	GEORGIA SUE	AAC	E	E	490	37	19,881	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
157	1	JULIE AVE	HON AVE	SARA LN	AAC	E	E	740	37	26,227	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
158	1	KATIE AVE	JULIE AVE	EAST END	AAC	E	E	435	37	16,218	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
159	1	KENNINGTON DR	PASEO DE VALENCIA	CLARINGTON DR	AAC	E	E	200	37	7,798	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
160	1	KIM CIR	GEORGIA SUE DR	SOUTH END	AAC	E	E	450	37	16,924	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
163	1	LA CIENEGA ST	RIO GRANDE AVE	SIERRA BONITA DR	AAC	E	C	1,160	37	39,372	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
163	2	LA CIENEGA ST	LA CIENEGA ST	ALISO HILLS DR	AAC	E	C	130	37	4,993	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20

City of Laguna Hills, CA
Pavement Condition Index (PCI) Report - All Streets

Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	Type	Rank	Zone	L	W	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Insp. Date	Work Type	Work Date
164	1	LA CUESTA AVE	TERRA BELLA AVE	SAUSALITO ST	AAC	E	C	1,350	33	45,043	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
165	1	LA HABRA CT	SARITA DR	EAST END	AAC	E	C	330	33	12,657	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
166	1	LA MIRADA ST	ALISAL LN	LINDA VISTA DR	AAC	E	C	1,375	33	44,926	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
174	1	LINDA FLORA ST	EAST END	EL SEGUNDO ST	AAC	E	C	890	35	32,775	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
180	1	LOS ALAMITOS AVE	MONTE ROYALE ST	MANDEVILLE DR	AAC	E	C	1,215	37	44,918	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
181	1	LOS CERROS ST	LA CIENEGA ST	SOUTH END	AAC	E	C	230	33	10,124	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
182	1	LOS GATOS DR	BUENA VISTA DR	WEST END	AAC	E	C	490	39	19,961	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
188	1	LUTON ST	CAMBERWELL ST	EAST END	AAC	E	E	380	38	14,203	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
194	1	MARIN CT	EL CAPITAN LN	SOUTH END	AAC	E	C	205	33	8,720	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
200	1	MENDOCINO AVE	ALISO HILLS DR	MENDOCINO CT	AAC	E	C	130	36	4,250	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
201	1	MENDOCINO CT	WEST END	EAST OF MENDOCINO AVE	AAC	E	C	1,080	37	40,736	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
22	1	MILL CREEK DR	LAKE FOREST DR	NORTH END OF BRIDGE	AAC	E	F	1,064	40	36,606	100	88	0	12	4/7/22	Overlay - AC Structural	11/1/21
22	2	MILL CREEK DR	SOUTH END OF BRIDGE	RIDGE ROUTE DR	AAC	E	F	2,703	40	106,442	100	84	5	11	4/7/22	Overlay - AC Structural	11/1/21
22	2	MILL CREEK DR	SOUTH END OF BRIDGE	RIDGE ROUTE DR	AAC	E	F	2,703	40	106,442	100	84	5	11	4/7/22	Surface Treatment - Slurry Seal	11/1/21
211	1	MORRO CT	TERRA BELLA AVE	WEST END	AAC	E	C	230	33	9,463	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
215	1	NATAMA CT	TERRA BELLA AVE	WEST END	AAC	E	C	210	33	8,952	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
225	1	PAIGE CIR	GEORGIA SUE DR	SOUTH END	AAC	E	E	675	37	25,189	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
241	1	PONCE CT	LINDA VISTA DR	SOUTH END	AAC	E	C	205	33	9,101	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
252	1	RIO GRANDE AVE	TALEGA AVE	LA CIENEGA ST	AAC	E	C	880	37	36,441	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
253	1	RITTEN HOUSE CIR	ASHLAND DR	NORTH END	AAC	E	E	420	37	15,801	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
263	1	SAN PEDRO AVE	ANACAPA ST	TALEGA AVE	AAC	E	C	625	33	24,255	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
265	1	SANDIA CT	TERRA BELLA AVE	NORTH END	AAC	E	C	425	37	18,023	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
267	1	SANTA ROSA AVE	MANDEVILLE DR	SUNDANCE AVE	AAC	E	C	690	37	25,787	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
269	1	SARA LN	PAIGE CIR	EAST END	AAC	E	E	650	38	24,235	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
270	2	SARITA DR	LA HABRA CT	ALISAL LN	AAC	E	C	445	33	13,947	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
275	1	SIERRA BONITA DR	LA CIENEGA ST	ALISO HILLS DR	AAC	E	C	140	42	8,516	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
277	1	SOLANO CT	ALAMEDA AVE	EAST END	AAC	E	C	245	40	10,152	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
291	1	STOCKPORT ST	WILKES PL	FIRE GATE	AAC	E	E	635	36	22,465	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
291	2	STOCKPORT ST	PASEO DE VALENCIA	FIRE GATE	AAC	E	E	570	35	19,251	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
293	1	SUNBURST AVE	PASEO DE VALENCIA	LARGO DR	AAC	E	C	120	37	4,222	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
294	1	SUNDANCE AVE	SANTA ROSA AVE	LOS ALAMITOS AVE	AAC	E	C	420	37	16,235	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
296	1	SUNSET PL (E & W LOOP)	BECKENHAM ST	SUNSET PL	AAC	E	E	172	34	4,964	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
296	2	SUNSET PL (E & W LOOP)	SUNSET PL	SUNSET PL WEST	AAC	E	E	768	34	26,414	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
296	3	SUNSET PL (E & W LOOP)	SUNSET PL	SUNSET PL EAST	AAC	E	E	853	34	30,690	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
299	1	TALEGA AVE	SAN PEDRO AVE	ALAMEDA AVE	AAC	E	C	875	37	30,496	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
304	1	TERRA BELLA AVE	ALISO HILLS DR	MORRO CT	AAC	E	C	1,204	38	42,065	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
304	2	TERRA BELLA AVE	MORRO CT	SOUTH END	AAC	E	C	883	38	33,426	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
306	1	TOCALOMA CT	ALAMEDA AVE	EAST END	AAC	E	C	575	29	17,375	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
307	1	TOLUCA CT	LINDA FLORA ST	NORTH END	AAC	E	C	410	37	15,449	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
318	1	VIA BALBOA	CALLE CARMEL	END	AAC	E	E	300	33	11,112	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
327	1	WEYBURN DR	ASHLAND DR	EAST END	AAC	E	E	770	37	27,632	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
331	1	WILKES PL	ALICIA PKWY	NW to FIRE GATE	AAC	E	E	1,560	36	56,464	100	0	0	0	1/1/20	Overlay - AC Fabric	1/1/20
341	1	ZUMAYA CT	WEST END	BUENA VISTA DR	AAC	E	C	470	37	17,010	100	0	0	0	1/1/20	Overlay - AC Structural	1/1/20
								63.7		12,189,130							

XIII. APPENDIX C – GIS DIGITAL DATA

Introduction

The OCTA GIS Section maintains a spatial inventory of transportation infrastructure which mostly consists of major arterial streets, roads, and highways. A key component of road information is pavement condition. Maintaining an inventory of pavement condition will enhance OCTA’s GIS visualization and analysis capabilities and assist in understanding the transportation investment needs throughout the region. Therefore, a GIS dataset in digital format should be included in this report.

Structure of GIS Data

The GIS dataset must consist of linear geographic features that represent road/street segments. All segments that are part of the report should be included in the GIS dataset. The attribute information of each segment should generally follow the format of the Complete Listing of Current Street Conditions in Appendix B above.

The GIS data requirements are discussed below. Most commercial and open-source GIS software provide industry-standard tools to manage GIS data to meet these requirements.

GIS Digital Data Format

The GIS data must be submitted in either one of the following formats:

- Esri Shapefile, or
- Esri File Geodatabase

Metadata

The GIS data are required to have associated metadata. The minimum metadata items required are:

- Title of Dataset
- Tags (A set of words that can be used by GIS to search for the resource. For example: “pavement”, “transportation”, “roads”)
- Summary (A brief purpose statement of the dataset)
- Description (A brief narrative of the dataset’s content)
- Credits (A recognition of those who created or contributed to the resource)

Spatial Geometry Type

The spatial geometry of the segment features must be lines that represent the roadway centerline as accurately as possible.

Projection

The GIS data must have spatial reference information and have its coordinate system identified and embedded in or associated with the data file(s). All GIS data submitted to OCTA should be in the following projected coordinate system:



- NAD 1983 State Plane California VI FIPS 0406 (US Feet) - More information about this system can be found at: <https://spatialreference.org/ref/epsg/nad83-california-zone-6-ftus/>

GIS Feature Attributes

The required segment attributes are:

- Street name
- Unique segment identifier (Segment ID from original source if available)
- Name of intersecting road at the beginning of a segment
- Name of intersecting road at the end of the segment
- Current pavement condition index (PCI)
- Current PCI inspection date
- Length of road segment in feet
- Width of road segment in feet
- Paved area of road segment in square feet or square yards
- Projected PCI at end of Seven-Year Road Maintenance and Rehabilitation Plan

Additional attributes such as number of through travel lanes, direction of travel and pavement surface type may be provided.

XIV. APPENDIX D – QUALITY ASSURANCE / QUALITY CONTROL PLAN

Introduction

When performing data collection in any field, the need for quality control is paramount as it is essential for accurate planning, analysis and design. This is particularly true for collecting pavement distress data for a pavement management program.

The Quality Assurance / Quality Control (QA/QC) Plan establishes minimum quality standards for performance and procedures for update of the pavement management program.

Objectives

This document constitutes a formal QA/QC Plan for the City of Laguna Hills. It was prepared in March, 2018 and last revised in March, 2018.

Specifically, it is intended for the 2024 Pavement Management Plan Update. The focus is on the collection of network-level pavement distress data (defined by National Cooperative Highway Research Program (NCHRP) Synthesis 401 Quality Management of Pavement Data Collection, as “Network-level data collection involves collection of large quantities of pavement condition data, which is often converted to individual condition indices or aggregated into composite condition indices”).

This document also addresses the QA/QC plan requirements of the Orange County Transportation Authority (OCTA)’s “Countywide Pavement Management Plan Guidelines” (Section 2.4), adopted in May 2010.

Structure of QA/QC Plan

The following components are addressed in this QA/QC Plan:

- Condition survey procedures used;
- Accuracy required for data collection;
- Inspector qualifications and experience; and
- Safety.

2024 Citywide Pavement Management Plan – OCTA Submittal Final Report – June 30, 2024

Condition Survey Procedures

The governing document in performing condition surveys for the City of Laguna Hills is ASTM D6433 “Standard Practice for Roads and Parking Lots Pavement Condition Index (PCI) Surveys.” Both asphalt concrete (AC) and Portland cement concrete (PCC) pavements are included in this protocol. The following distresses are collected for each pavement type:

Asphalt Concrete	Portland Cement Concrete (Jointed)
1. Alligator (fatigue) cracking	1. Blow-up/Buckling
2. Bleeding	2. Corner Breaks
3. Block Cracking	3. Divided Slab
4. Bumps and sags	4. Durability ("D") Cracking
5. Corrugation	5. Faulting
6. Depression	6. Joint Seal damage
7. Edge Cracking	7. Lane/Shoulder Drop-off
8. Joint Reflection Cracking	8. Linear Cracking
9. Lane/Shoulder Drop-off	9. Patching (large) and Utility Cuts
10. Longitudinal & Transverse Cracking	10. Patching (small)
11. Patching and Utility Cut Patching	11. Polished Aggregate
12. Polished aggregate	12. Popouts
13. Potholes	13. Pumping
14. Railroad Crossing	14. Punchout
15. Rutting	15. Railroad Crossing
16. Shoving	16. Scaling, map cracking and crazing
17. Slippage Cracking	17. Shrinkage Cracks
18. Swell	18. Spalling (corner)
19. Weathering	19. Spalling (joint)
20. Raveling	

As required by the Orange County Transportation Authority (OCTA), the City of Laguna Hills must prepare and implement a quality assurance / quality control (QA/QC) plan regarding pavement management inspection as they pertain to MicroPAVER. For the purposes of this report, Bucknam has demonstrated below how our project team implemented QA/QC procedures during the project.

Our QA/QC plan focuses on the how each pavement inspection is performed, what distresses are collected and ensures that it complies with the OCTA guidelines defined within the “Countywide Pavement Management Plan Guidelines (CPMPG)”.

As shown within the OCTA (CPMPG), our staff followed and delivered on the requirements stated within Chapter 2, page 2-5 which require specific QA/QC data (Items A through G). Additionally, Chapter 3 requires numerous data/deliverables from local agencies for OC Go eligibility. All general PCI budgetary report submittals will follow the Chapter 3 guidelines.

In conjunction with the outlined items within the CPMPG Section 2 we have summarized our QA/QC procedures below:

2024 Citywide Pavement Management Plan – OCTA Submittal Final Report – June 30, 2024

- a. **Descriptions of condition survey** - Our staff follows the required Condition Survey Protocols (CPMPG, Chapter 2); our staff assesses each pavement section for the minimum distresses outlined within Chapter 2, page 2-1. Additionally, based on the pavement conditions found, we collect all MicroPAVER/StreetSaver Army Corps of Engineers (ACOE) distresses, if found within the sample sections; for example, if slippage cracking, potholes, etc. are found our survey technicians record the proper information.
- b. **How data was collected** - Our surveys follow the OCTA accepted walking requirements. All sections that our staff surveys are performed through the walking method, approximately 10% of all sections surveyed were complemented with windshield surveys based on unique conditions found. Our staff physically measures the width of every section as well as measure for any square footage adjustment that need to be added or taken away from a sections “true area” (i.e. cul-de-sac, bus pads, street width variances, etc.). Samples taken always include a minimum of 2,500 SF coverage unless specific section limits prohibit this. Arterial section samples utilize a 3,500 SF sample size due to the larger section area (this is within the ASTM D6433 sample size calculation. Field crews typically include one individual for residential pavement sections while Arterial (MPAH) routes utilize a two-person crew for safety, traffic control and increases quality control.
- c. **Accuracy required for data collection** - We use a statistical sampling approach for measuring the quality of our field technician’s work. In this manner, 10 percent of the original surveys are re-surveyed by a different survey crew than the original, supervised by a field supervisor, and the results are compared to the original surveys. Our QC process involves checking the field crews’ work in a “blind study” fashion. Quality control checks are performed at the end of each survey week. This ensures that all field personnel are properly collecting section samples, distress types and distress severities for all street segments.
 - ❖ When QA/QC issues are found, our staff documents the issues within MicroPAVER’s user interface. If distress types found are not within the 97% accuracy our QA/QC is expanded beyond our minimum 10% resurvey to 20% of the original survey
- d. **Random and Systematic Re-Inspections** – As described above our staff re-inspects, as a minimum, 10% of the original survey (OCTA only requires 5%). Per the agency’s requests, our staff will submit PCI reports to the agency as project status reports for their review. Agencies will typically review specific pavement sections for PCI accuracy based on recent overlay or slurry seal maintenance; this serves as an initial accuracy check on our surveys (outside Bucknam QC efforts). Additionally, our staff performs “ride-a-long” surveys with local agency staff to build consensus on how our MicroPAVER/StreetSaver ACOE surveys are performed, recorded and reported on.

Random re-inspections will include a representative selection across the following categories:

- Functional classed (i.e. MPAH, locals);
- Surface types (e.g. AC or PCC);
- Pavement conditions (e.g. good, fair, poor);
- Inspectors;
- Geographical areas, if applicable.

2024 Citywide Pavement Management Plan – OCTA Submittal

Final Report – June 30, 2024

For systematic re-inspections, this could be due to noticed trends such as specific treatment types (e.g. open-graded mixed), a specific inspector or geographical area. In these cases Bucknam continues to utilize a 10% re-inspection policy.

- e. **PCI Comparison with Past Surveys** - if previous inspection data is available, new PCI's calculated through the most recent inspections will be compared to previous PCI's. If the variance in PCI is greater than +/- 10 PCI points, these sections will be flagged for further investigation and/or re-inspection (In the cases that a PCI increases or decreases by 10 points follows the established CPMPG guidelines; Appendix A, page A-18).
- f. **Schedule of data submittal** – Pending on the City's last major PMP submittal, Bucknam will assist the agency in submitting the following:
 - ❖ Master Plan of Arterial Highways (MPAH) routes will be surveyed and reported on at least once every two years
 - ❖ Local streets will be surveyed and reported on every six years
 - ❖ Corresponding MPAH and local PCI reporting and budgetary reporting will be submitted every two years
- g. **Experience of Inspectors** – Bucknam staff have been trained on the use of MicroPAVER and the ACOE MicroPAVER segment calibration and inspection practices. Mr. Peter Bucknam (Project Manager) and Mr. Shaun Russo (Lead Field Technician) have completed the MicroPAVER Certification of Professional Development courses. All Bucknam field technicians are trained using the ACOE survey methodologies and have passed OCTA's prequalification testing.

Bucknam Infrastructure Group inspectors have attended formal training on pavement condition distress surveys. This training was conducted prior to performing any work using the ASTM D6433-18 protocols, consistent with OCTA's requirements.

Inspector Name	Date of ASTM D6433 Training	Training Conducted by
Shaun Russo	2/1/2023	OCTA
Aaron Cohodas	2/15/2022	OCTA
Josh Logsdon	2/15/2020	OCTA
Cade Bucknam	2/15/2020	OCTA

- h. **Field data collection safety procedures** – Bucknam field survey techniques utilize the following procedures:
 - a. All vehicles are properly marked or flagged with appropriate sign markings indicating that a "PAVEMENT SURVEY IS IN PROGRESS"
 - b. All vehicles have the proper flashing amber light beacons placed on the top of the vehicle to allow for proper visibility and line-of-site warning
 - c. Large MPAH routes are surveyed using two field technicians to increase traffic control warning and safety
 - d. While parking or stopping along the survey route, vehicles legally park within the right-of-way or use a parking lot
 - e. All field technicians wear ANSI – 105 Class II safety vests

XV. APPENDIX E – PAVEMENT MANAGEMENT DATA FILES

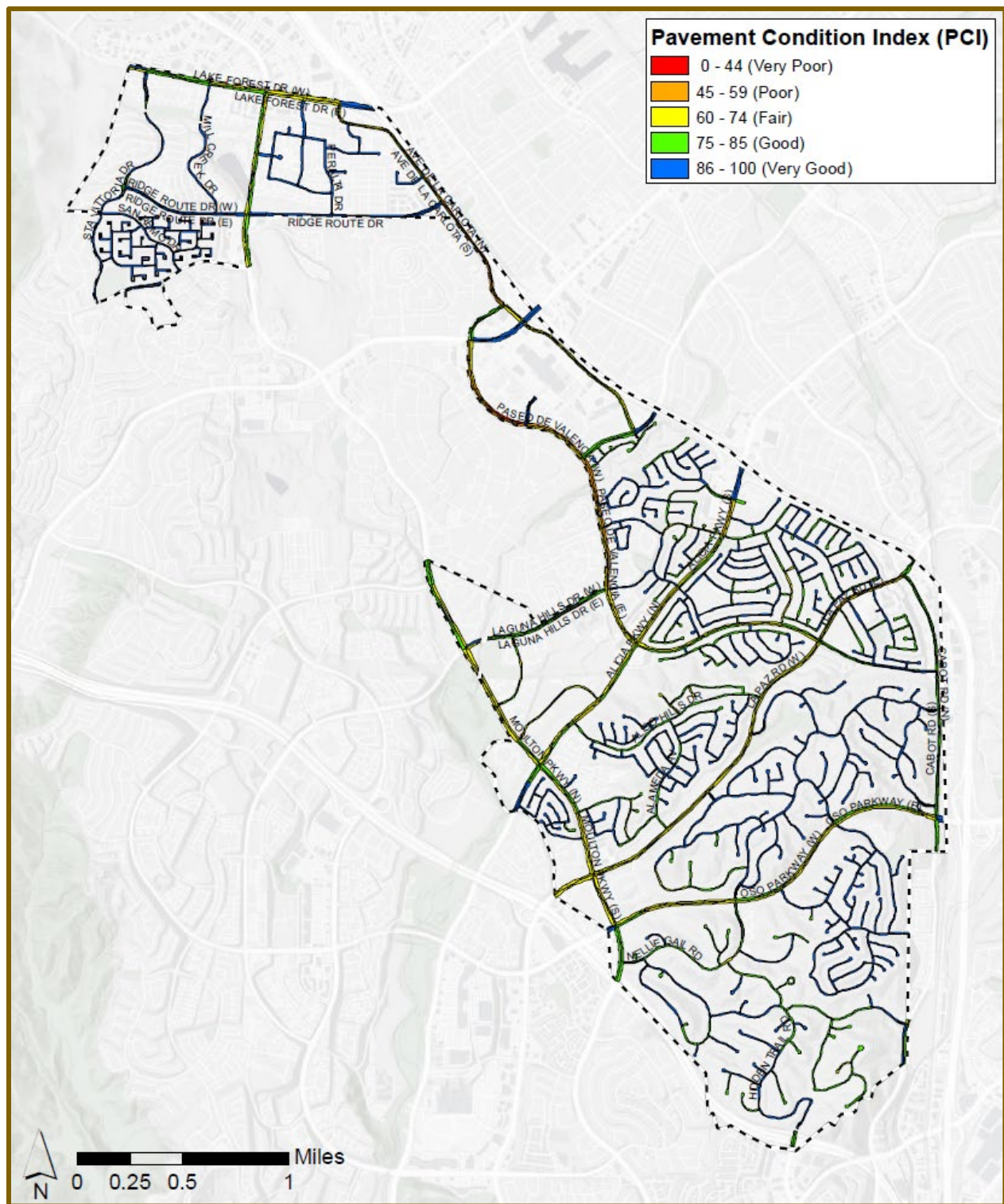
The City of Laguna Hills MicroPAVER database (.e70 file) has been enclosed for City and OCTA use. This data and the associated reporting data includes:

- Street names and limits for the City's public streets
- Street identifiers (Branch ID, Section ID)
- Direction
- Begin and end of section
- Length, width and true areas
- Functional Classification (MPAH, Local)
- Number of travel lanes
- Pavement Condition Index (PCI) and date of inspection
- Type of recommended treatment
- Cost of recommended treatment

The Pavement Management data files are submitted here as an electronic copy sent via email as an attachment, via a link to an online storage device site, such as DropBox and/or OneDrive, or USB drive , and/or included as Appendix E.

2024 Citywide Pavement Management Plan – OCTA Submittal
Final Report – June 30, 2024

XVI. APPENDIX F – GIS MAPS / CURRENT CONDITIONS





City of Laguna Hills City Council / Planning Agency Staff Report

Date: October 14, 2025
To: Mayor and Council Members
From: Joe Ames, Interim City Manager
Issue: Removal of Juniper Shrubs along Paseo de Valencia between La Paz Road and Alicia Parkway

Recommendation: That the City Council provide direction to City staff.

Background:

At the August 26, 2025, City Council meeting, Council Members Pezold and Wheeler requested that City staff return to City Council with a report concerning options and costs for removal of existing juniper shrubs on the slope on the southside of Paseo de Valencia between La Paz Road and Alicia Parkway. Council Member Pezold raised concerns that the presence of junipers near residential properties is undesirable as it relates to fire risk. Junipers are on the list of undesirable plant species to be located near residences as written in the Orange County Fire Authority's Vegetation Management Maintenance Guidelines for Property Owners, which serves as guidelines for management of vegetation in wildland fire-risk areas.

Unlike the recently approved vegetation thinning proposals approved by City Council for corridors along Cabot Road, Oso Parkway, and La Paz Road, this corridor is a high-visibility area, and any removal of existing vegetation must coincide with replanting to avoid leaving the slope bare for too long. An unplanted slope would create both aesthetic concerns for surrounding neighborhoods and erosion risks.

Therefore, City staff obtained the following proposals for removal and replanting:

- Specialty Mowing Services (removal): \$37,024.45
- DMS Facility Services, LLC (removal): \$47,250.00

- DMS Facility Services, LLC (replanting): \$64,100.00, consisting of 5,710 one-gallon plants (\$57,100) and irrigation repairs (\$7,000)

Based on these proposals, if City Council were to approve the removal of juniper shrubs and the replanting of the slope, City staff would recommend using Specialty Mowing Services for removal and DMS Facility Services for replanting. The total of these proposals is \$101,124.45. Both companies are currently under contract with the City of Laguna Hills for these services.

Fiscal Impact:

The FY 2024-2025 budget reconciliation was recently completed by the Finance Department, and pursuant to the budget adoption resolution, the City Manager is authorized to roll over unused funding from the FY 2024-2025 budget to the FY 2025-2026 budget. \$130,000 from the FY 2024–25 Landscape Maintenance budget has been requested to roll over into FY 2025–26 for this potential project. This amount is sufficient to cover the cost for removal and replanting; therefore, no new appropriation is required.

Attachments:

1. Photographs of Existing Slope Conditions
2. OCFA Vegetation Management Guidelines
3. SMS Removal Quote
4. DMS Removal Quote
5. DMS Replanting Proposal





ORANGE COUNTY FIRE AUTHORITY

Vegetation Management Maintenance Guidelines For Property Owners

CANYON

URBAN

COASTAL



**Accept Responsibility to Protect
Yourself, Your Family, Your Property,
and Your Community.**

www.ocfa.org/RSG



Vegetation Management Maintenance Guidelines For Property Owners

CONTENTS

<i>Introduction</i>	3
<i>4 R's of Vegetation Management</i>	4
<i>Spacing Guides</i>	5
<i>Mulch</i>	8
<i>Horizontal & Vertical Separation</i>	9
<i>Approved Plant List</i>	10
<i>Undesirable Plant Species</i>	11
<i>Safety Tips</i>	13
<i>Frequently Asked Questions</i>	14

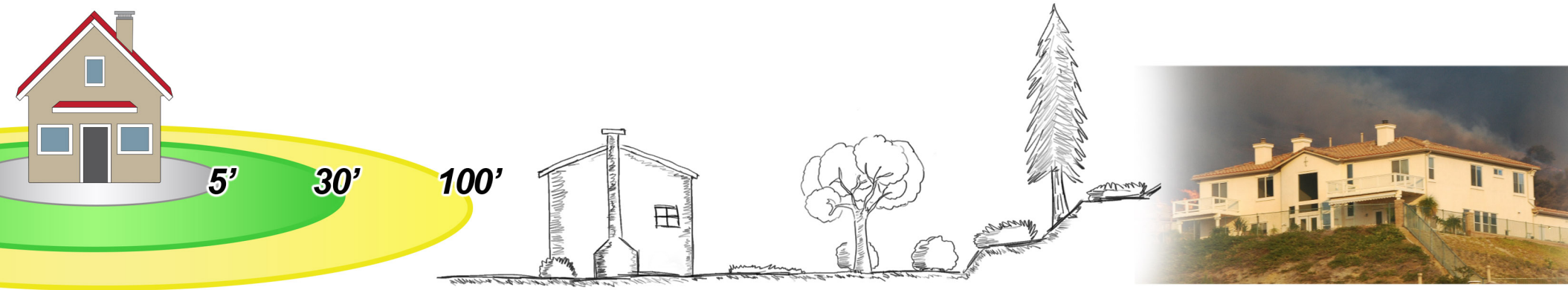


**Accept Responsibility to Protect
Yourself, Your Family, Your Property,
and Your Community.**

Scope:

This guideline is intended to assist property owners with Defensible Space requirements for vegetation-covered land within 100 feet from a structure, located in a wildland fire-risk area. For interior and streetscape areas refer to the Home Owners Association Area Guidance Document.

Introduction - IT'S UP TO YOU TO GET READY!



Overview

The Orange County Fire Authority (OCFA) understands that many of our high wildfire risk areas are also our most beautiful and, in many cases, the reason people choose to live where they do. Each year, thousands of acres of wildland and hundreds of homes are destroyed by wildfires. It is up to you, the property owner, to take responsibility for preparing your home. By applying knowledge of Vegetation Management and Home Hardening, you will be closer to ensuring your home's survivability and your family's safety. You will have also done your part in helping to make your community a safer place to live.

Guideline Purpose

Orange County Fire Authority takes every precaution to help protect you and your property from wildfire. However, in the event of a major wildfire, firefighting resources will be stretched. Please prepare now to protect yourself, your family, and your property from a devastating wildfire by taking time to learn about Vegetation Management.

What do I have, Defensible Space or Fuel Modification?

Vegetation Management practices are implemented and enforced in two ways. These two practices are titled Defensible Space and Fuel Modification. California Law requires that land owners in areas at risk from wildfires implement and maintain a Defensible Space landscape area between buildings and potential approaching wildfires. Since 1979, local agencies served by Orange County Fire Authority have adopted provisions in local fire codes requiring new buildings to be protected by Fuel Modification Zones. During the design and construction process, land owners and builders are required to design, implement, and maintain a landscape Fuel Modification Zone. Generally, buildings built prior to 1979 have Defensible Space and buildings built after 1979 have Fuel Modification Plans.

What is Vegetation Management?

Vegetation Management is the controlling of plant materials year-round for the prevention of fire spread. Vegetation Management is simply removing dead and dying fuels, thinning heavy brush, and trimming trees that could contribute to a fire's spread towards your home.

Did you know?

During a wildfire, thousands of embers can rain down on your roof and pelt the side of your home like hail during a storm. If these embers become lodged in something easily ignited on or near your house, the home will be in jeopardy of burning. Embers coming into contact with poorly maintained vegetation or combustible construction material are a major reason homes are destroyed during wildfires.

The objective of VEGETATION MANAGEMENT is to reduce the wildfire threat to a home by changing the characteristics of the vegetation adjacent to the home.

Vegetation Management practices include:

1. Increasing the moisture content of vegetation.
2. Decreasing the amount of vegetation within 100' of your house.
3. Shortening plant height, maintaining plants within 10' of a building below 2'.
4. Altering the arrangement of plants.
5. Installing plants that use less water.



FOUR R's of Vegetation Management

REMOVAL:

- Remove all dead vegetation within 100' of your home.
- Remove plants found on the undesirable plant list.

REDUCTION:

- Reduce the amount of vegetation by pruning and thinning within 100' of your home.
- Trees and shrubs need to be pruned to provide separation (see Vertical Separation Requirements).
- Shrubs over 2' can be in groups of 3 plants with a minimum spacing between groups of 15' or 3 times the tallest in the group.
- Plants within 10' of your home should be 2' or lower to reduce the flame length.
- Additional spacing may be recommended on steeper slopes.

REPLACEMENT:

- Remove highly combustible plants within 100' of your home.
- Keep in mind that if you use the recommended plants, you must still reduce the amount of plant material by thinning, per the spacing guidelines for both vertical separation and horizontal separation.
- When installing new plants make sure to plant them with spacing and mature plant size in mind.

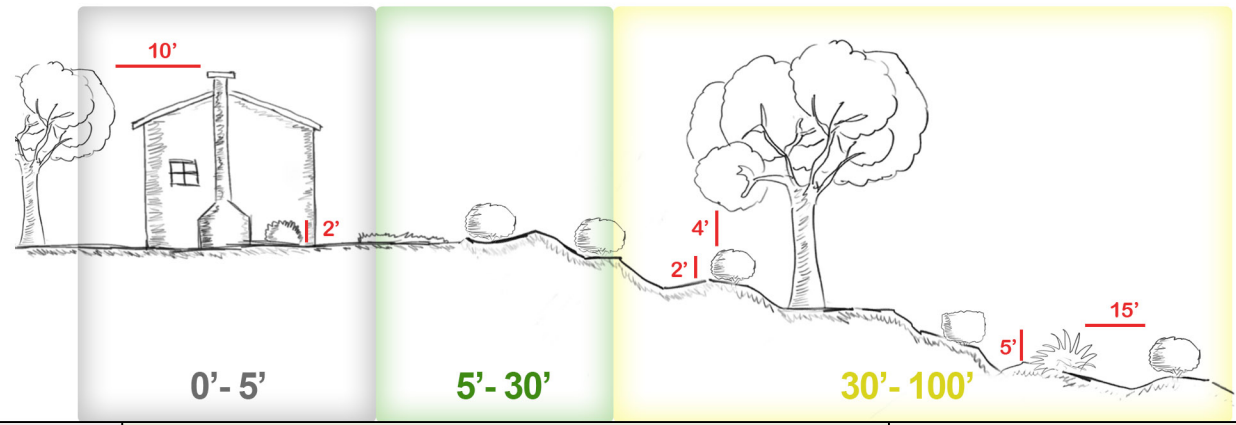
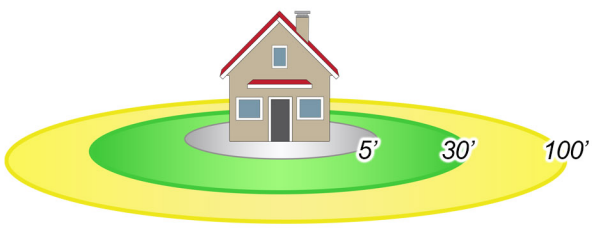
RESISTANT:

- Utilize fire resistive plants whenever possible.
- Keep in mind that if you use recommended plants, you must still reduce the amount of plant material by thinning, per the spacing guidelines for both vertical separation and horizontal separation.

SPACING GUIDES - STRUCTURE AT TOP OF SLOPE

(See Page 9 for Horizontal and Vertical Separation Guides)

Maintenance requirements are from the home out 100' in all directions



Remove all tree branches or vegetation within 10' of chimney or stovepipe outlet.

Use hardscape like gravel, pavers, concrete and other noncombustible material. No combustible bark or mulch.

Remove all dead and dying weeds, grass, plants, shrubs, trees, branches and vegetative debris (leaves, needles, cones, bark, etc.); check your roofs, gutters, decks, porches, stairways, etc.

Limit plants in this area to low growing (below 2'), nonwoody, properly watered and maintained plants. Keep plants away from windows.

Limit combustible items (outdoor furniture, storage, planters, etc.).

Replace combustible fencing, gates, and arbors attached to the home with noncombustible alternatives.

Consider relocating garbage and recycling containers outside this zone.

Consider relocating boats, RVs, vehicles and other combustible items outside this zone.

Trees within 100' of your home should be kept free of dead branches and debris.

Provide vertical separation between shrubs, trees, and ground cover.

Provide horizontal separation for plants over 2' in height. Plants that are 2' or lower need no space between each other.

Maintain palm trees clear of dead fronds.

Remove all dead or dying plant material including dead material within vines.

Move wood piles at least 30' away from your home or to property line.

Keep annual grasses and weeds cut to below 4''.

Wood fences, patio covers, and gazebos need to be free of dead vines.

If you own within this area, you must maintain the plants / trees according to the separation requirements within this document.

This area may be maintained by the homeowner association or adjacent landowner.



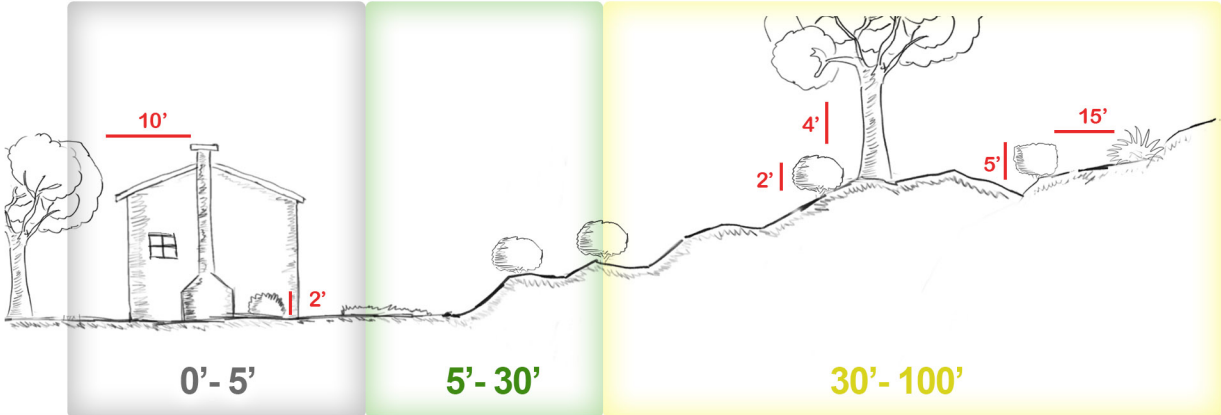
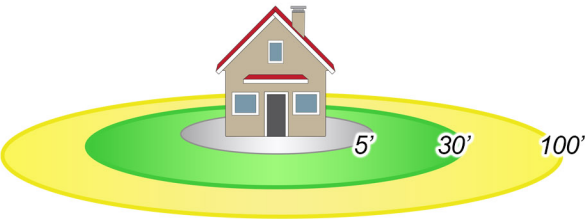
IMMEDIATE ZONE 0' - 5'

5' - 30'

30' - 100'

SPACING GUIDES - STRUCTURE AT BOTTOM OF SLOPE (See Page 9 for Horizontal and Vertical Separation Guides)

Maintenance requirements are from the home out 100' in all directions

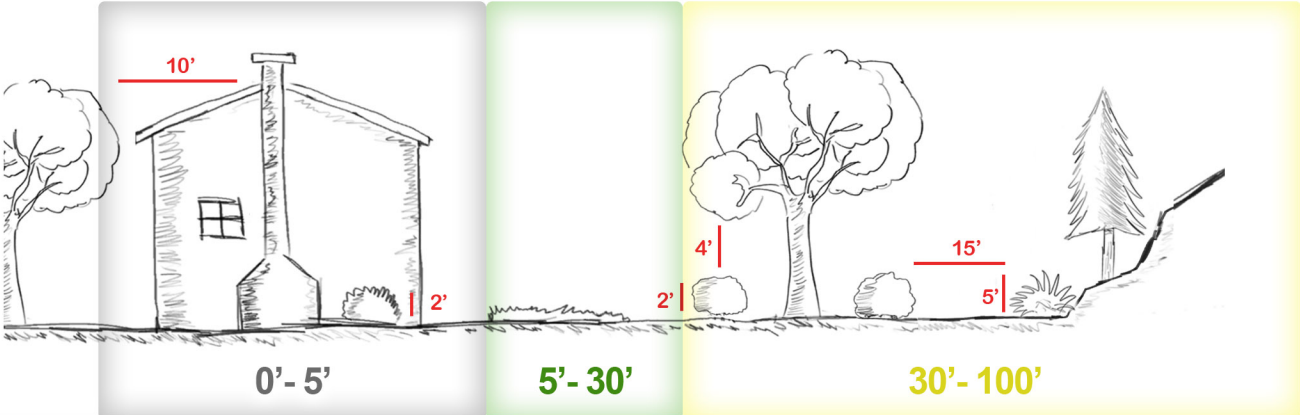
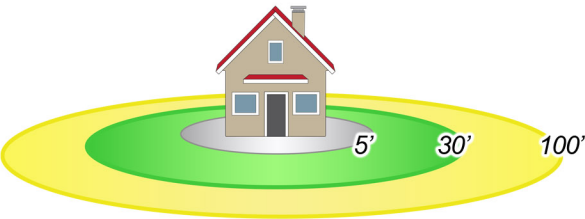


Remove all tree branches or vegetation within 10' of chimney or stovepipe outlet. Use hardscape like gravel, pavers, concrete and other noncombustible material. No combustible bark or mulch. Remove all dead and dying weeds, grass, plants, shrubs, trees, branches and vegetative debris (leaves, needles, cones, bark, etc.); check your roofs, gutters, decks, porches, stairways, etc. Limit plants in this area to low growing (below 2'), nonwoody, properly watered and maintained plants. Keep plants away from windows.   IMMEDIATE ZONE 0' - 5'	Trees within 100' of your home should be kept free of dead branches and debris. Provide vertical separation between shrubs, trees, and ground cover. Provide horizontal separation for plants over 2' in height. Plants that are 2' or lower need no space between each other. Maintain palm trees clear of dead fronds.   5' - 30'	Remove all dead or dying plant material including dead material within vines. Move wood piles at least 30' away from your home or to property line. Keep annual grasses and weeds cut to below 4". Wood fences, patio covers, and gazebos need to be free of dead vines. If you own within this area, you must maintain the plants / trees according to the separation requirements within this document. This area may be maintained by the homeowner association or adjacent landowner.   30' - 100'
--	--	---

SPACING GUIDES - STRUCTURE WITH NO SLOPE

(See Page 9 for Horizontal and Vertical Separation Guides)

Maintenance requirements are from the home out 100' in all directions



Remove all tree branches or vegetation within 10' of chimney or stovepipe outlet.

Use hardscape like gravel, pavers, concrete and other noncombustible material. No combustible bark or mulch.

Remove all dead and dying weeds, grass, plants, shrubs, trees, branches and vegetative debris (leaves, needles, cones, bark, etc.); check your roofs, gutters, decks, porches, stairways, etc.

Limit plants in this area to low growing (below 2'), nonwoody, properly watered and maintained plants. Keep plants away from windows.



HIGH RISK



LOW RISK

IMMEDIATE ZONE 0' - 5'

Limit combustible items (outdoor furniture, storage, planters, etc.).

Replace combustible fencing, gates, and arbors attached to the home with noncombustible alternatives.

Consider relocating garbage and recycling containers outside this zone.

Consider relocating boats, RVs, vehicles and other combustible items outside this zone.

Trees within 100' of your home should be kept free of dead branches and debris.

Provide vertical separation between shrubs, trees, and ground cover.

Provide horizontal separation for plants over 2' in height. Plants that are 2' or lower need no space between each other.

Maintain palm trees clear of dead fronds.



HIGH RISK

Remove all dead or dying plant material including dead material within vines.

Move wood piles at least 30' away from your home or to property line.

Keep annual grasses and weeds cut to below 4".

Wood fences, patio covers, and gazebos need to be free of dead vines.



LOW RISK

5' - 30'

If you own within this area, you must maintain the plants / trees according to the separation requirements within this document.

This area may be maintained by the homeowner association or adjacent landowner.



HIGH RISK



LOW RISK

30' - 100'

Recommended Application of Mulch and Wood Chips

Justification

Landscape areas with mulch and wood chips create an ember receptive bed of fuel which, when not created or maintained correctly will contribute to direct flame contact and ignition of structures. The purpose of this proposed ordinance is to minimize the risk to structures during a wildland fire event. This will be accomplished by setting parameters for the application of organic mulch and wood chips around structures.

Wood Chips

Wood chips shall be derived from trees only. Wood chips shall not be derived from hazardous brush including, but not limited to, sage, coyote brush or chamise (undesirable plant material). Chips should average 2 – 4 inches in length. Fine, ground, stringy types of material which can ignite faster and burn more readily shall not be used. These materials include, but are not limited to, Gorilla Hair (shredded redwood or western red cedar), Pine straw, and Coconut fiber. Wood chips are not required to be composted prior to application.

General Rule of Application

Landscape areas with mulch, if not created and maintained properly will contribute to fire spread during a wildfire and act as an ember receptive ignition source. To address concerns and issues associated with fires starting in or spreading from mulch and wood chips spread around structures, the basic safety measures of this section shall be followed in areas of wildfire risk areas.

Responsibility

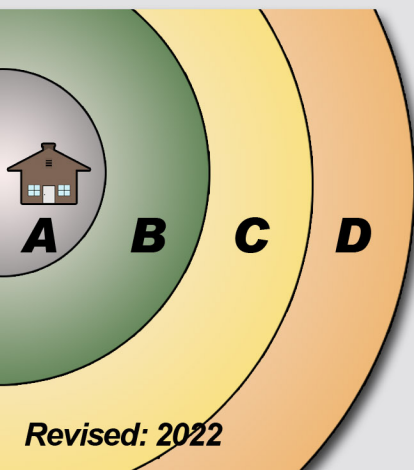
Organic mulch and wood chips consisting of invasive species, hazardous trees, non-native vegetation, pine needles, leaves, grass and in-organic flammable materials, such as shredded rubber, are not recommended within wildfire risk areas.

Maximum Depth of Application

The application and spread depth shall not exceed 4 inches in depth within wildfire risk areas.

Limitations

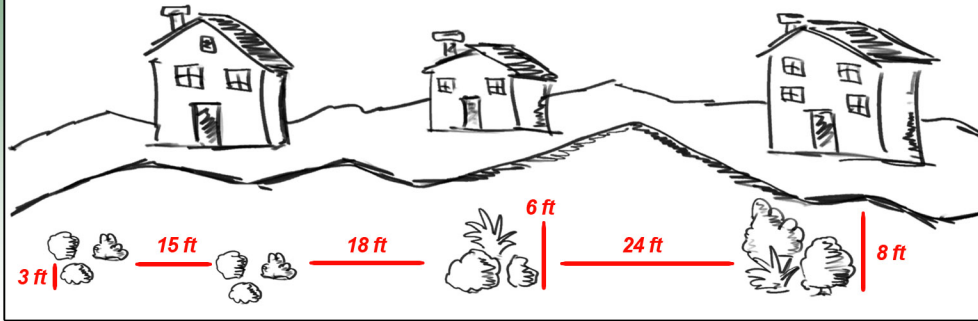
Application within required wildfire risk areas shall be in accordance with the table below.



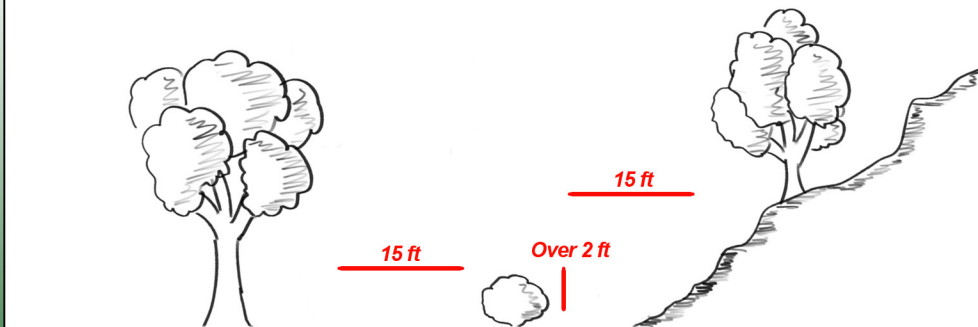
<i>Distance from Structure</i>		<i>Application</i>
A	0 - 5 feet	Application prohibited. Must use non-combustible materials such as gravel, decomposed granite, etc. Keep combustible mulch and wood chips away from combustible fencing, decks, gazebos, play equipment, sheds, patio covers, and trellises.
B	> 5 - 30 feet	Limited non-continuous use of organic mulch is allowed. Use a mosaic (non-uniform) pattern with a maximum application area of 20 feet x 20 feet and a minimum 5-foot separation.
C	> 30 - 100 feet	Organic mulch and wood chips allowed. No limitation on application areas.
D	> 100 feet	Same as > 30 - 100 feet or as determined by Fire Code Official if additional wildfire risk areas is required for the parcel beyond 100 feet

HORIZONTAL SEPARATION

All shrubs greater than 2 feet in height shall be in a maximum grouping of 3 plants and separated by a distance of 3 times the height of the tallest shrub in the group or 15 feet, whichever is greater.

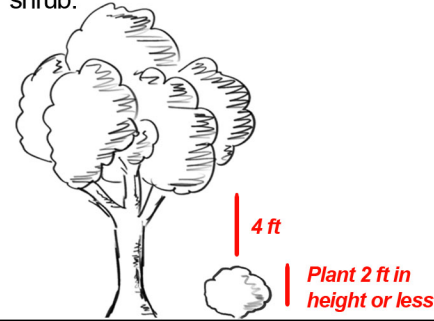


Shrubs greater than 2 feet in height shall be no closer than 15 feet from the edge of the tree canopy(s) measured horizontally.



VERTICAL SEPARATION

Trees require vertical separation of 4 feet between the plant material/ground and the lowest branch of the tree or shrub.

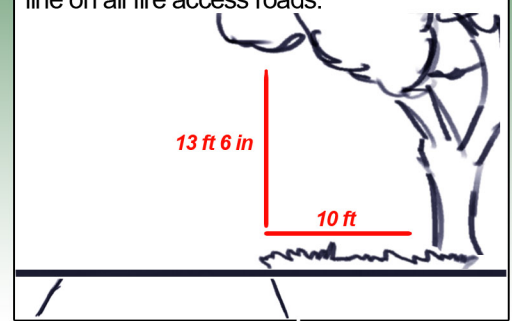


Remove any portion of a tree within 10 feet of a chimney or stovepipe. All dead and dying plant material shall be removed.



FIRE ACCESS ROAD

Maintain vertical clearance of 13 feet 6 inches and 10 feet of vegetation clearance from edge of roadway or curb line on all fire access roads.



Property owners with vegetative-covered land shall comply with the following guidelines within 100 feet of a structure or to the property line:

- Dead and dying vegetation shall be removed, including leaf litter on the roof.
- Grasses shall be cut to four inches and the cut material removed on an annual basis.
- Volunteer trees and saplings shall be removed allowing for mature tree spacing.
- When trees and shrubs are arranged for screening purposes, shrub removal may be necessary.

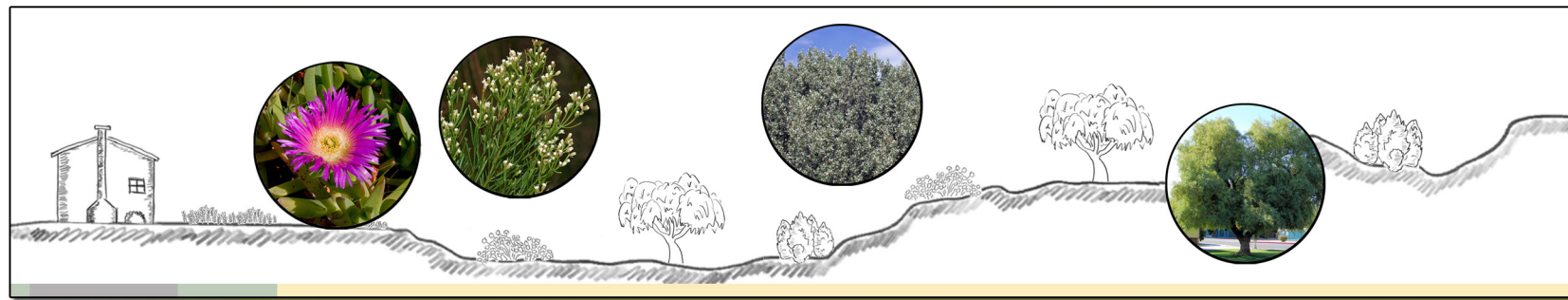
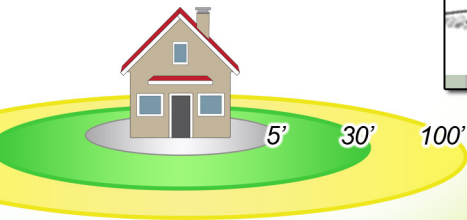
HORIZONTAL SPACING

- Shrubs greater than two feet in height shall be in a maximum grouping of three plants and separated by a distance of three times the height of the tallest shrub in the group or 15 feet, whichever is greater.
- Shrubs greater than two feet in height shall be no closer than 15 feet from the edge of the tree canopy(s) measured horizontally.

VERTICAL SEPERATION

- Trees require vertical separation of four feet between plant material or ground and the lowest branches of the tree.
- Ground covers shall be maintained at no more than two feet.

APPROVED PLANT LIST



TREES

SHRUBS

Prickly Pear
 Prostrate Coprosma
 Purple Needlegrass
 Purple Nightshade
 Puya
 Red Apple Aptenia
 Red Hot Poker
 Red Yucca
 Redondo Creeper
 Rosea Ice Plant
 Rush Rose
 Salt Heliotrope
 San Miguel Savory
 Sea Fig Ice Plant
 Sea Lavender
 Shaw's Century Plant
 Show Evening Primrose
 Showy Fairwell to Spring
 Showy Gilia
 Sky Lupine
 Snow-in-Summer
 South African Daisy (Gazania)
 Spider Lupine
 Spiny Rush
 Spring Cinquefoil
 Sunrose
 Trailing Ice Plant
 Training African Daisy
 Training Gazania
 Training Ice Plant
 Verbena
 Western Vervain
 White Trailing Ice Plant
 Wild Snapdragon
 Wild Strawberry/
 Sand Strawberry
 Winter Creeper Euonymus
 Wishbone Bush
 Woolly Plantain
 Yankee Point
 Yucca
 Zorro Annual Fescue
 Hall's Japanese Honeysuckle

African Sumac
 *American Sweet Gum
 *Big Leaf Maple
 California Black Walnut
 California Laurel
 California Sycamore
 Carob
 Chinese Pistache
 Citrus
 *Coast Live Oak
 *Coral Tree
 *Cork Oak
 *Crape Myrtle
 *Engelmann Oak
 Fernleaf Ironwood
 Firewheel Tree
 Italian Alder
 Loquat
 Macadamia Nut
 Maidenhair Tree
 Mayten Tree
 Mexican Elderberry
 *Mexican Palo Verde
 New Zealand Christmas Tree
 Primrose Tree
 Strawberry Tree
 Tulip Tree
 Victorian Box
 *Western Cottonwood
 *White Alder

Pink Rockrose
 Aaron's Beard
 Australian Tea Tree
 Autums Sage
 Big Pod Ceanothus
 Bladderpod
 Blue Hibiscus
 Blue Stemmed Bush Penstemon
 Boobyalla
 Bougainvillea
 Brewer Saltbush
 Bush Morning Glory
 Bush Poppy
 Bush Snapdragon
 Bushrue (Bush Rue)
 California Coffee Berry
 California Encelia
 California Flannelbush
 California Scrub Oak
 Carmel Creeper Ceanothus
 Carolina Cherry Laurel
 Chaparral Bloom
 Chapparral Mallow
 Chapparral Nolina
 Coastal Goldenbush
 Coastal Scrub Oak
 Common Yarrow
 Creeping Snowberry
 Deerweed
 Douglas Nightshade
 Eastwood Manzanita
 Emory Baccharis
 Evergreen Currant
 Firethorn
 Four-Wing Saltbush
 French Lavender

Fuschia Flowering Gooseberry
 Golden Abundance Oregon Grape
 Golden Currant
 Green Bark Ceanothus
 Green Lavender Cotton
 Greensphere Manzanita
 Heart Leaved Penstemon
 Holly Leafed Cherry
 Hollyleaf Redberry
 Hopseed Bush
 Indian Hawthorne
 Italian Buckthorn
 Lemonade Berry
 Louis Edmunds Ceanothus
 Matilija Poppy
 Mexican Grasstree
 Monterey Carpet Manzanita
 *Mulefat
 Nevin Mahonia
 Oleander
 Orchid Rockrose
 Pineapple Guava
 Pink Melaleuca
 Plumbago Cape
 Point Reyes Ceanothus
 Pomegranate
 Redberry
 Refugio Manzanita
 Sageleaf Rockrose
 *Shiny Xylosma
 Silktassel
 Silverberry
 Squaw Carpet Ceanothus
 Star Jasmine
 Star-Lower

Sugarbush
 Summer Holly
 Sweet Hakea
 Sweet Olive
 Texas privet
 Texas Ranger
 Thick Leaf Yerba Santa
 Toyon
 Trailing Lantana
 Tree Aloe
 Wart-Stem Ceanothus
 Western False Indigobush
 Western Redbud
 White Cloud Matilija Poppy
 White Flowering Currant
 White Rockrose
 Wild Honeysuckle
 Woolly Blue Curls
 Woolly Yarrow
 Yellow Bells
 Yellow Bush Penstemon
 Yellow Sage



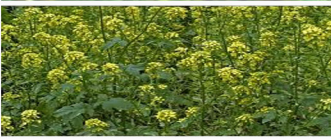
*Denotes the plant species susceptible to Invasive Shot Hole Borers (SHB)

Undesirable Plant Species (Target Species)

The plants listed below are more susceptible to burning, due to rough or peeling bark, production of large amounts of litter, vegetation that contains oils, resin, wax, or pitch, large amounts of dead material in the plant, or plantings with a high dead to live fuel ratio. Many of these species, if existing on the property and adequately maintained (pruning, thinning, irrigation, litter removal, and weeding), may remain as long as the potential for spreading a fire has been reduced or eliminated. Some of these plants may be considered undesirable because of their ability to naturalize and become a pest. These types of plants should be avoided, especially in sensitive riparian or coastal areas where they could become established and compete with native vegetation.

Arborvitae		Chamise		
Artichoke Thistle / Wild Artichoke		Cypress		
Black Mustard		Eucalyptus		
Black Sage		Fountain Grass		
Buckwheat		Horseweed		
Burning Nettle		Indian Tobacco		
California Sagebrush		Juniper		
Castor Bean Plant		Mayweed		

Undesirable Plant Species (Target Species) CONTINUED

Milk Thistle		Red Shanks	
Mexican Feather Grass		Russian Thistle / Tumbleweed	
Palms (all species)		Salt Cedar / Tamarisk	
Pampas Grass		Telegraph Plant	
Peppergrass/ Hoary Cress		Tree Tobacco	
Pine Tree		Wild Turnip / Yellow Mustard	
Prickly Lettuce			

Safety Tips For Getting Ready

Things To Think About When Thinning Vegetation

When working with hand tools it is best to have personal protection, which includes proper long-sleeved clothing, gloves, hardhat, boots, eye protection, and noise protection equipment. The sharpest tools are best, since dull tools cause more accidents due to worker fatigue and frustration. Saws, loppers, and other cutting tools should be handled carefully and never put into anything except the wood they are to cut. When people work together they can get in each other's way, so it is best to work separated by at least two lengths of the vegetation reach. Thus, if you are cutting out 6 foot tall shrubs, you should be working at least 12 feet apart.



Often, having one person cutting and one or more people pulling the cut brush to a pile works most productively and safely. Piles should have vegetation laid parallel for later ease of handling. Working with power tools means having another person present and having greater communication so that all understand what the course of work is going to be. If someone tries to engage you in conversation while you are working with a chainsaw or other power tools, stop the equipment if you need to respond. Distractions can cause injury. Working safely means having fire extinguishers and first aid help close by the work site.

Cutting of large trees (larger than 8 inch stump diameter) needs skill and know-how. These trees can weigh over half a ton and can crush cars and things of value. Someone skilled with a chainsaw and full safety gear needs to do the actual work and often needs other ground assistance. This cutting should not be done without planning and forethought. Certified arborists are available for this kind of work and getting bids from licensed and insured contractors generally ensures the best value. Be sure to specify what you want the finished site to look like before work begins.

Stop the Start of a Wildfire!

- Use tools with non-metallic blades to eliminate sparks.
- Have a garden hose available and turned on while operating all power tools.
- Dispose of cuttings and debris promptly to reduce the amount of fuel on property.
- Do not park cars in tall grass. The hot catalytic converter can ignite dry plant materials.
- Do not cut during a red flag warning or dry windy day.
- Spark arresters are required on gasoline, diesel, and propane-powered engines.



FREQUENTLY ASKED QUESTIONS

What is Defensible Space?

Defensible Space is an area between your house and an oncoming wildfire, where the vegetation has been controlled, trimmed, or removed to reduce wildfire threat from embers, flames, and intense heat.

What is Fuel Modification?

Fuel Modification is a planned landscape design that reduces the threat of wildfire, by creating a fire-resistant divider between homes that are adjacent to areas of natural plant life.

What is the relationship between vegetation and wildfire threat?

Many people do not view the plants growing on their property as a threat. But in terms of wildfire, what is growing adjacent to your home can have considerable influence upon its survivability. All vegetation, including naturally occurring native plants and ornamental plants in the residential landscape, is potential fuel for a wildfire. If the vegetation is properly spaced and maintained, a wildfire can be slowed down, the flame lengths are reduced, and the amount of heat reduced, all of which contribute to your house surviving a wildfire.

Why is Defensible Space necessary? Won't the fire department protect my house?

Some individuals incorrectly assume that a fire truck will be parked in their driveway and firefighters will be actively defending their home when a wildfire approaches. During a major wildfire, it is unlikely that there will be fire fighting resources available to defend your home. Even with adequate resources, some wildfires may be so intense that there may be little that firefighters can do to prevent your house from burning. The key is to reduce fire intensity as a wildfire nears your house. This can be accomplished by reducing the amount of flammable vegetation surrounding your home.

Does Defensible Space require a lot of bare ground around the house?

NO. While bare ground would certainly provide effective Defensible Space, it's unnecessary and unattractive. Bare ground may also cause soil to erode. Many homes have yards with both effective Defensible Space and attractive landscapes with little or no bare ground.

Does creating Defensible Space require special skills or equipment?

NO. For the most part, creating Defensible Space requires routine gardening and landscape maintenance practices such as pruning, mowing, weeding, plant removal, appropriate plant selection, and irrigation. The necessary equipment consists of common tools like a chain saw, pruning saw, pruning shears, shovel, and rake. Pay close attention to sparks this equipment may generate. Try not to do this maintenance during hot and windy weather.

How big is an effective Defensible Space?

Defensible Space size is usually expressed as the distance from your house in which vegetation is managed to reduce the wildfire threat. The necessary distance for effective Defensible Space is not the same for everyone, but varies by slope and type of vegetation growing near your house, at a minimum distance of 100' from the structure. Visit ocfa.org/RSG to schedule an OCFA representative to come out and go over any special conditions associated with your house.

FREQUENTLY ASKED QUESTIONS

Does having Defensible Space guarantee my home will survive a wildfire?

NO. Under extreme conditions, almost any house can burn. Having Defensible Space along with a good Hardened Home will significantly improve the odds of your home surviving a wildfire.

Why doesn't everyone living in a high wildfire hazard area create Defensible Space?

The specific reasons for not creating Defensible Space are varied. Some individuals believe that "it won't happen to my family." Others think the cost of maintenance outweighs the benefits. Some have failed to implement Defensible Space practices because of lack of knowledge. For those individuals wanting to learn more about Defensible Space and how to harden their homes, please go to ocfa.org/RSG.

Does having an effective Defensible Space make a difference?

YES. Homes with effective Defensible Space are much more likely to survive a wildfire. Furthermore, Hardened Homes (go to ocfa.org/RSG) with effective Defensible Space have an even greater chance to survive a wildfire than homes where no wildfire preparations have been taken.

What should I do to make my property Defensible?

Remove all tree branches or vegetation within 10' of chimney outlet.
Trees within 100' of your home or neighbor's home should be kept free of dead branches and debris.
Provide vertical clearance between shrubs and trees. Clearance may need to increase on steeper slopes.
Provide horizontal separation for plants over 2' in height.
Keep palm trees clear of dead fronds. Palms trees are not recommended within 100' of your home.
Remove all dead or dying plant material including dead material within vines.
Move wood piles at least 30' away from your home or to property line.
Keep annual grasses and weeds cut to 4".
Wood fences, patio covers, and gazebos need to be free of dead vines.
It is *recommended* that you keep all shrubs within 10' of your home 2' or lower and keep plants away from windows.

Why Vegetation Management?

In the event of a catastrophic wildfire, the fire department may not have the resources to protect your home. Wildfires fueled by dry vegetation and driven by hot, dry winds are extremely dangerous and impossible to control. Many residents have built their homes and landscaped in fire-prone areas without fully understanding the impact a fire could have on them. Wildland-urban fire emergency strategy and tactics differ from both the standard wildland and the standard urban fire suppression practices. Wildland fire suppression largely attempts to keep a fire from spreading beyond its current location. Urban fire suppression initially addresses life safety (principally building occupants) and then fire containment within a portion of the structure and/or prevents adjacent structure involvement. Neither wildland nor urban suppression practices typically provide for home ignition potential reduction given an encroaching wildfire.

FREQUENTLY ASKED QUESTIONS

What can you do?

The success of this program and more importantly, its ability to reduce the high probability of fatalities and multiple structure loss, depends upon each property owner's aggressive participation in maintaining vegetation around their property. It's not a question of "if" but "when" the next major wildfire will occur in Orange County. That's why the most important person in protecting your life and property is not the firefighter, but you. Through advance planning and preparation, we can all be ready for wildfire. We hope you find the tips included in this publication helpful in creating heightened situational awareness and a fire safe environment for you and your family. For more information visit our website at ocfa.org/RSG.





SMS - Specialty Mowing Services, Inc.
2910 Rainbow Glen Rd
Fallbrook, CA 92028
(760) 728-1591

Proposal

Date	Proposal #
9/3/2025	21242

Name / Address
City of Laguna Hills Attn: Ryan Hanley 24035 El Toro Rd. Laguna Hills, CA 92653

Ship To

P.O. No.	Terms	Project
	Net 30	PDV Junipers

Item	Description	Qty	Rate	Total
	PDV Juniper removal to grade - All species			
Vegetation...	Vegetation reduction - Area 1 (North) (Tree Junipers) Sq.ft. (Ralph's Alley to Sunburst)	11.695	0.67	7.835.65
Vegetation...	Vegetation reduction - Area 2 (Middle) (low Junipers) Sq.ft. (Sunburst to Alisal)	37.767	0.57	21.527.19
Vegetation...	Vegetation reduction - Area 3 (South) (low Junipers) Sq.ft. (Alisal to LaPaz)	10.791	0.71	7.661.61
	Scope of work: Cut to grade all Juniper species on the West side of Paseo De Valencia from Alicia Pkwy. to La Paz (Cut within 3" of slope grade). Load into haul trucks provided by contractor and stage at city yard (Aliso Hills/Alicia Pkwy..) for loading green waste bins at city yard. Traffic control supplied by contractor. (Shoulder/Bike lane/Sidewalk closure expected) (Full right lane closure unlikely) Incidental Eucs and other volunteer shrubs and trees (<6"DBH) will be removed also unless otherwise defined by customer. City to supply green waste bins and yard space only.			
Total				\$37,024.45

CSLB Lic. A. B. C27, C-61/D-49 -1045401
DIR# 1000059700
DUNS# 117439643

Signature _____



July 12, 2024

City of Laguna Hills
24035 El Toro Road
Laguna Hills, CA 92653

Regarding: Juniper removal @ Paseo De Valencia.

Dear Ryan,

DMS Landscape Services [DMS] is pleased to submit our proposal to remove junipers at the above referenced project. All labor, materials, equipment, and supervision are included in the bid price.

- Remove all juniper along PDV
- Cleanup

Total cost: \$ 47,250.00



Should you have any question please do not hesitate to call our office.

Respectfully Submitted,

Ashley Subingsubing

General Manager
DMS LANDSCAPE SERVICES

AGREED AND ACCEPTED TO THIS _____
DAY OF _____, 2024

BY:

TITLE:

DATE:

P.O. #:



September 29, 2025

City of Laguna Hills
24035 El Toro Road
Laguna Hills, CA 92653

Dear Ryan,

DMS Landscape Services [DMS] is pleased to submit our proposal to install the below-mentioned project. All labor, materials, equipment, and supervision are included in the bid price.

Regarding: Installation of 1-gallon plants at Paseo De Valencia

Description	Quantity	Unit	Unit Price	Total
1-gallon plant	5710	Ea.	\$10	57,100
Irrigation repairs				\$7,000

Total cost: \$ 64,100

Should you have any questions please do not hesitate to call our office.

Respectfully Submitted,

Roberto Europa
Account Manager
DMS LANDSCAPE SERVICES

AGREED AND ACCEPTED TO THIS _____ DAY OF _____, 2025
BY:
TITLE:
DATE:
P.O. #:



City of Laguna Hills City Council / Planning Agency Staff Report

Date: October 14, 2025
To: Mayor and Council Members
From: Greg Simonian, City Attorney
Issue: City Manager Employment Agreement

Recommendation: That the City Council adopt a Resolution entitled, “A Resolution of the City Council of the City of Laguna Hills, California, Approving and Authorizing the Mayor to Execute a New City Manager Employment Agreement.”

Background:

After more than three years of service, former City Manager Jarad L. Hildenbrand submitted a letter of resignation on June 24, 2025, and resigned from his employment with the City in order to pursue another city management opportunity, effective August 8, 2025.

On June 24, 2025, the City entered into a Consulting Services Agreement with Jacob Green & Associates, Inc. (JGA) for the purpose of conducting a formal competitive executive recruitment process for the city manager position and to advise the City Council with regard to selection and appointment of a new city manager. Over the past three months JGA has engaged in a formal competitive executive recruitment process for selecting a qualified candidate to fill the city manager position.

Jacob Green & Associates opened the recruitment in July 2025 and subsequently referred a select number of qualified candidates to meet with the City Council on September 19, 2025. The City Council identified a preferred candidate. An offer was subsequently prepared for that individual in accordance with the salary, compensation, and benefits package established for the position as advertised in the JGA recruitment flyer, and mutual agreement was reached, thereby closing the competitive recruitment process. The City Council may appoint the finalist in closed session on October 14, 2025.

If an appointment is made during closed session, the Council will consider approval of the proposed City Manager Employment Agreement in open session.

SB 1436, which took effect on January 1, 2017, requires the governing bodies of local agencies to “orally report a summary of a recommendation” for changes in the salaries, salary schedules, or compensation paid in the form of fringe benefits of local agency executives before taking a final vote on the proposed changes. SB 1436 specifies that the summary of the recommendation must be made “during the open meeting in which the final action is to be taken.” In accordance with this state law requirement, prior to the City Council taking final action to approve the proposed employment contract, the City Attorney will make the required oral report in accordance with Government Code Section 54953(c)(3).

Pursuant to Government Code Section 36506, the City Council is required to establish the compensation of the City Manager by Resolution, which appointed public official holds office at the direction and pleasure of the City Council.

If an appointment is made in closed session, the staff recommendation will be that the City Council consider approving and authorizing the Mayor to execute the proposed City Manager Employment Agreement, dated October 14, 2025, attached hereto, with an agreement effective date of October 14, 2025, and employment beginning on December 1, 2025.

Fiscal Impact:

In accordance with the terms of the proposed City Manager Employment Agreement, the appointed City Manager will be paid an annual base salary of \$290,000.00 and will receive the same benefits provided to other Executive Management employees pursuant to Resolution No. 2025-06-24-02, as may be amended. These benefits include, but are not limited to, health insurance (medical, dental, and vision), paid fixed and floating holidays, supplemental retirement contribution, retiree health savings plan, group life and disability insurance, short and long term disability insurance, sick leave, and bereavement leave. City Manager is a Tier 2 (“PEPRA”) employee as defined in Resolution No. 2025-06-24-02 and shall be enrolled in the 2% at 62 program. City Manager will pay the full cost of the employee’s contribution, currently set at 8.25% of salary.

The City Manager will accrue vacation at the rate of twenty paid days each fiscal year (in addition to recognized regular and floating City holidays). Effective December 1, 2025, the City Manager will receive a one-time starting vacation balance of ten days.

The City Manager is entitled to participate in the International City Managers Association ("ICMA") 457 deferred compensation plan. As part of the City Manager's annual compensation, the City will provide the City Manager with a Section 457 deferred compensation program, which will be administered by ICMA, and will pay Ten Thousand Dollars (\$10,000) per year into such deferred compensation program.

Beginning January 1, 2026, this amount will be paid in a lump sum and in January of each calendar year thereafter during the term of the employment agreement. The attached City Manager Employment Agreement details all elements of the proposed salary, compensation and benefits plan for the City Manager position. According to the Finance Director, total proposed annual compensation for the City Manager pursuant to the terms of the proposed employment agreement is estimated to be \$382,217.00.

Attachments:

1. Proposed Resolution
2. City Manager Employment Agreement, Exhibit "1" to Resolution

RESOLUTION NO. 2025-10-14-X

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
LAGUNA HILLS, CALIFORNIA, APPROVING AND
AUTHORIZING THE MAYOR TO EXECUTE A NEW CITY
MANAGER EMPLOYMENT AGREEMENT

WHEREAS, after more than three years of service, former City Manager Jarad L. Hildenbrand submitted a letter of resignation on June 24, 2025, and resigned from his employment with the City in order to pursue another city management opportunity, effective August 8, 2025; and

WHEREAS, on June 25, 2025, the City Council appointed the Assistant City Manager/Public Services Director Joseph Ames, P.E., to serve as the Acting City Manager, effective August 8, 2025, pending the negotiation and preparation of a proposed interim city manager employment contract; and

WHEREAS, on July 8, 2025, the City Council appointed Assistant City Manager/Public Services Director Joseph Ames, P.E., to serve as the Interim City Manager and approved an Interim City Manager Employment Agreement with Mr. Ames, effective August 8, 2025; and

WHEREAS, on June 24, 2025, the City entered into a Consulting Services Agreement with Jacob Green & Associates, Inc. (JGA) for the purpose of conducting a formal competitive executive recruitment process for the city manager position and to advise the City Council with regard to selection and appointment of a new city manager; and

WHEREAS, over the past three months JGA has engaged in a formal competitive executive recruitment process for selecting a qualified candidate to fill the city manager position; Jacob Green & Associates opened the recruitment in July 2025 and subsequently referred a select number of qualified candidates to meet with the City Council on September 19, 2025; and

WHEREAS, the City Council identified a preferred candidate and an offer was subsequently prepared by JGA for that individual in accordance with the salary, compensation, and benefits package established for the position as advertised in the JGA recruitment flyer; and

WHEREAS, the competitive recruitment process has been completed, which resulted in the City Council selecting the most qualified candidate for the position and appointing _____ as City Manager the during closed session on October 14, 2025; and

WHEREAS, pursuant to Laguna Hills Municipal Code Chapter 2-08, the City Council now desires to retain _____ as City Manager and establish the terms and conditions for such employment by approving the attached new City Manager Employment Agreement (**Exhibit "1"**); and

WHEREAS, pursuant to Government Code Section 36506, the City Council is required to establish the compensation of the City Manager by Resolution, which appointed public official shall hold office at the direction and pleasure of the City Council.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF LAGUNA HILLS, CALIFORNIA, DOES RESOLVE, DECLARE, DETERMINE, AND ORDER AS FOLLOWS:

SECTION 1. The foregoing recitals are true and correct and are incorporated herein by reference.

SECTION 2. _____ was selected and appointed City Manager of the City of Laguna Hills during closed session on October 14, 2025, and shall serve at the direction and pleasure of the City Council, effective December 1, 2025, pursuant to Laguna Hills Municipal Code Chapter 2-08.

SECTION 3. The City Council hereby approves and authorizes the Mayor to execute the City Manager Employment Agreement, dated October 14, 2025, which employment agreement is attached hereto as **Exhibit "1"** with an agreement effective date of October 14, 2025, and employment beginning on December 1, 2025.

SECTION 4. The City Clerk is hereby directed to administer the Oath of Office.

PASSED, APPROVED, AND ADOPTED this 14th day of October 2025.

JOSHUA SWEENEY, MAYOR

ATTEST:

JENNIFER LEE, CITY CLERK

STATE OF CALIFORNIA)
COUNTY OF ORANGE) ss
CITY OF LAGUNA HILLS)

I, Jennifer Lee, City Clerk of the City of Laguna Hills, California, DO
HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution
No. 2025-10-14-X adopted by the City Council of the City of Laguna Hills, California, at a
Regular Meeting thereof held on the 14th day of October 2025, by the following vote:

AYES

NOES:

ABSENT:

ABSTAIN:

(SEAL)

JENNIFER LEE, CITY CLERK

EXHIBIT “1”

CITY MANAGER EMPLOYMENT AGREEMENT

DATED: OCTOBER 14, 2025

EMPLOYMENT AGREEMENT CITY MANAGER

THIS EMPLOYMENT AGREEMENT (the "Agreement") is made and entered into, to be effective October 14, 2025 ("Effective Date"), by and between the CITY OF LAGUNA HILLS, a California municipal corporation organized and existing under the laws of the State of California (hereinafter referred to as "City"), and _____, an individual (hereinafter referred to as "City Manager"). City and City Manager are sometimes hereinafter individually referred to as "party" and are hereinafter collectively referred to as the "parties."

RECITALS

A. In order to ensure that its governmental responsibilities are met at all times, City must attract and retain in its employment executive management personnel who exhibit the highest degree of knowledge, experience, technical ability, professionalism, and leadership qualities.

B. In order to attract and retain in its employment a city manager who possesses those qualities and the experience necessary to continue to fulfill the City's immediate and long-term goals and policy objectives, the City Council of the City has determined that it is advisable to appoint and retain _____ as City Manager and to enter into this Agreement. All City actions referred to in this Agreement shall mean actions taken by a majority of the City Council.

C. It is the desire of the City Council to retain the professional services of _____ to serve as City Manager of the City of Laguna Hills and to provide for certain compensation and benefits, establish conditions of employment, and set working conditions for such services.

D. City and _____, therefore, desire to enter into this Agreement in order to specify the terms and conditions of _____'s employment with the City as City Manager.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein and other good and valuable consideration, receipt of which is hereby acknowledged, the parties agree as follows:

AGREEMENT

Section 1: Appointment and Term

A. City hereby appoints and retains _____ to serve as City Manager of the City of Laguna Hills and _____ hereby accepts such employment with City beginning on December 1, 2025 and continuing until City Manager or City Council terminates this Agreement pursuant to Section 7 below. The City Manager is employed by City in an "at-will" capacity serving at the pleasure of the City Council. Either the City Council or City Manager may terminate this Agreement at any time with or without cause and in its or his sole discretion, as set

forth in this Agreement.

B. The Term of this Agreement shall be for three years, commencing on December 1, 2025 and ending on December 1, 2028, unless extended or terminated as provided herein. On December 1, 2026, and annually on each succeeding December 1, while this Agreement is effective, the Term of this Agreement shall be automatically extended for one additional year. For example, on December 1, 2026, the Term of this Agreement shall be automatically extended until December 1, 2029; on December 1, 2027, the Term of this Agreement shall be extended until December 1, 2030; and so on, unless prior to such date by a majority vote of the total membership of the City Council in attendance at a lawfully called meeting, the City Council takes formal action to declare its intention to not extend this Agreement for one additional year. Any such decision by the City Council to not extend the Term by one additional year shall modify only Section 1(B) of this Agreement and shall not constitute a termination for purposes of Section 7(A) of this Agreement. The parties make no representation with respect to whether such action by the City Council would amount to an adverse employment action.

Section 2: General Duties

City Manager shall perform all of the city manager duties specified by the Laguna Hills Municipal Code, the Government Code, and any other applicable laws of the State of California and shall perform the functions and duties as the administrative head of the government of the City of Laguna Hills. As City Manager, City Manager shall also perform such other functions and duties, not inconsistent with the terms of this Agreement, as the City, by and through its duly elected City Council, may legally and properly assign to that position.

Section 3: Devotion to City's Business and Hours of Work

A. The position of City Manager is a full-time position. City Manager shall devote his time, ability, and attention to the business of the City during the term of this Agreement on a full-time basis.

B. Except as otherwise provided herein, City Manager shall not engage in any other business, educational, or professional pursuits whatsoever, or directly or indirectly render any service of a business, commercial, or professional nature to any other person or organization, whether for compensation or otherwise (excluding honoraria or the reimbursement of expenses), without the prior consent of the City Council. Notwithstanding the foregoing, City Manager may expend reasonable amounts of time for educational, charitable, personal, or professional activities which shall not be deemed a breach of this Agreement if those activities do not conflict or materially interfere with the professional services required under this Agreement; such limited activities shall not require the prior consent of the City Council.

C. Nothing in this Agreement prohibits City Manager from making passive personal investments or conducting private business affairs, if those activities are not deemed to be a conflict of interest under state law or conflict or materially interfere with the professional management services required under this Agreement.

D. City Manager's duties may involve expenditures of time in excess of the regularly established workday or in excess of a forty-hour workweek and may also include time outside normal office hours, including but not limited to attendance at City Council meetings. City Manager is classified as an exempt employee under the Fair Labor Standards Act ("FLSA") and shall not be entitled to any additional compensation for hours worked in excess of forty in a work week or eight hours per calendar day.

Section 4: Performance Evaluation

The City Council shall review and evaluate the performance of the City Manager annually in October or November during the term of this Agreement. All aspects of this annual review are private personnel matters within the meaning of the Brown Act and are to be conducted in Closed Session of the City Council. Upon execution of this Agreement by both parties, the City Council shall schedule time, and allocate reasonable funds if necessary, to develop mutually agreeable procedures and criteria for these reviews, as well as substantive goals, objectives, and performance standards which will be applied during such annual performance evaluations.

The Mayor, City Council, and the City Manager shall be jointly responsible for the creation of procedural and substantive guidelines for these annual reviews in the first year of this Agreement. After the first annual performance review, the goals, objectives, and performance standards may be modified collaboratively between City Manager and the City Council. Each annual review is to include a written statement of findings which must be provided to the City Manager, who shall be afforded an adequate opportunity to discuss this evaluation with the Mayor and City Council and thereafter to submit a written statement in response.

The City Council may retain, at its sole discretion, the services of a professional facilitator or qualified labor negotiator, or other qualified professional, to assist the City Council in completing this annual performance evaluation process. Failure of the City Council to review and evaluate the performance of the City Manager pursuant to this section shall not affect the right of the City Council to terminate the City Manager's employment and shall not be considered a breach of this Agreement. Following each annual performance evaluation, the City Council may, at its sole discretion, grant the City Manager a non-base building performance bonus equal to 0 – 10% of his then-current annual base salary which, if awarded, must be approved by minute action of the City Council and ratified by resolution, in addition to increases to salary as set forth below (if any).

Section 5: Salary

A. As compensation for the professional services to be performed hereunder, effective December 1, 2025, City agrees to pay City Manager an annual base salary of Two Hundred Ninety Thousand Dollar (\$290,000.00), subject to deductions and withholdings of any and all sums required for federal or state income tax, other deductions or withholdings required by then current state, federal or local law, and paid bi-weekly in accordance with the City's established accounting and payroll practices at the same time and in the same manner as other employees of the City are paid. The City shall also deduct from his annual base salary any applicable sums that City Manager is obligated to pay because of participation in plans or programs described in Section 6 of

this Agreement and City Manager hereby authorizes such deductions.

B. Any increases in the annual base salary of City Manager, to the extent provided, may be made effective at any time and shall be made in the sole discretion of the City Council. Increases in City Manager's annual base salary approved by the City Council shall not require an amendment to this Agreement to be effective. Such increases may be set forth in an annual employee salary resolution or minute action approved by the City Council and ratified by resolution at a regularly scheduled meeting of the City Council.

C. City Manager's annual base salary shall not be subject to or affected by any Cost of Living or Consumer Price Index adjustments approved by the City Council to the salaries of other Executive Management employees.

Section 6: Benefits and Leaves of Absence

A. Employee Benefits

Except as expressly provided for in this Agreement, City Manager shall be entitled to receive the same benefits provided to other Executive Management employees pursuant to Resolution No. 2025-06-24-02, as may be amended from time to time by the City Council. These benefits include, but are not limited, to health insurance (medical, dental, vision), paid fixed and floating holidays, supplemental retirement contribution, retiree health savings plan, group life and disability insurance, sick leave, short and long term disability insurance, and bereavement leave.

B. Vacation

City Manager shall accrue vacation at the rate of twenty paid days each fiscal year (in addition to recognized regular and floating City holidays). The parties agree that this benefit includes and may be used for time off due to illness (whether personally or of a family member). During the term of this Agreement, City Manager may not carryover more than forty days of accrued vacation from one fiscal year to the next. At any time during the term of this Agreement, City Manager shall be entitled to cash-out accrued vacation days, provided that at least ten accrued vacation days remain available; vacation cash-out will be permitted as set forth in Resolution No. 2025-06-24-02, as may be amended from time to time by the City Council. The amount paid to City Manager shall be based on City Manager's annual base salary at the time the vacation hours/days are cashed out. Upon separation from employment, City Manager shall be paid for all accrued and unused vacation time available at that time. Effective December 1, 2025, City Manager shall receive a one-time starting vacation balance of ten days.

C. Retirement Benefits

1. City Manager shall receive retirement benefits through the California Public Employment Retirement System ("PERS"). City Manager is a Tier 2 ("PEPRA") employee as defined in Resolution No. 2025-06-24-02 and shall be enrolled in the 2% at 62 program. City Manager agrees to pay the full cost of the employee's contribution, currently set at 8.25% of salary.

2. City Manager is entitled to participate in the International City Managers Association ("ICMA") 457 deferred compensation plan. As part of City Manager's annual compensation, City agrees to provide a Section 457 deferred compensation program for City Manager which will be administered by ICMA and to pay Ten Thousand Dollars (\$10,000) per year (effective January 1, 2026) into such program for his benefit. Beginning January 1, 2026 this amount shall be paid in a lump sum in January of each calendar year thereafter during the term of this Agreement.

D. Use of City-Owned or Leased Vehicle

Intentionally omitted.

E. Professional Development

City acknowledges its interest in the continuing professional development of City Manager and agrees to pay all reasonable and appropriate expenses associated with professional dues and subscriptions and/or attendance at conferences, training opportunities, and meetings of organizations concerned with the city manager and/or the public administration profession. Such expenses must be approved in advance by the City Council during its biennial budget process.

F. General Business Expenses

The City recognizes that City Manager may incur expenses of a non-personal, job-related nature that are reasonably necessary to City Manager's service to the City. The City agrees to either pay such expenses in advance or to reimburse the expenses, so long as the expenses are incurred and submitted according to the City's established expense reimbursement policies and procedures, or such other procedure as may be designated by the City Council. To be eligible for reimbursement, all expenses must be supported by documentation meeting the City's normal requirements and must be submitted within time limits established by the City.

G. Administrative Leave Pending an Investigation

Because City Manager is an "at-will" employee, the City is not obligated to pay City Manager pending an investigation into any alleged misconduct by the City Manager. Notwithstanding the foregoing, in the event that the City Council determines, in its sole discretion, that it is in the best interest of the City for City Manager to be placed on paid administrative leave pending such an investigation, City Manager shall fully reimburse any salary provided for that purpose if the misconduct for which the City Manager was under investigation results in the City Manager being convicted of a crime involving an abuse of his office or position as defined in Section 7(A)(2) of this Agreement. City Manager shall fully reimburse such salary no later than six months after such conviction.

Section 7: Termination and Separation Pay

A. Termination by City Without Cause or For Reasons Other Than "Cause"

1. If City terminates this Agreement (thereby terminating City Manager's employment) without cause or for reasons other than "cause" as defined in Paragraph B below upon the vote of a majority of the total membership of the City Council in attendance at a lawfully called meeting, and only if City Manager timely executes and delivers to City an original "Separation Agreement and General Release" in the form attached hereto as **Attachment 1**, and does not thereafter timely exercise his right to revoke said Separation Agreement and General Release, the City shall pay City Manager a lump sum severance benefit equal to the monthly salary of City Manager at the time of separation multiplied by the number of months left on the unexpired term of the employment contract, not to exceed nine months of salary. In addition, City shall continue to pay for nine months the monthly group health and medical insurance benefits as provided under the then applicable salary and benefits resolution (such severance benefits to be referred to collectively as "Separation Pay"), beginning on the date that the revocation period for the Separation Agreement has expired.

2. Such Separation Pay is considered a cash settlement related to the termination of City Manager and shall therefore be fully reimbursed to the City by City Manager if the City Manager is convicted of a crime involving an abuse of his office or position. Abuse of office or position shall have the meaning set forth in Government Code section 53243.4, as may be amended, of either (1) an abuse of public authority, including, but not limited to, waste, fraud, and violation of the law under color of authority or (2) a crime against public justice, including, but, not limited to, a crime described in Title 5 (commencing with Section 67), Title 6 (commencing with Section 85), or Title 7 (commencing with Section 92) of Part 1 of the Penal Code. City Manager shall fully reimburse such Separation Pay no later than six months after such conviction.

B. Termination by City For Cause

If the City terminates this Agreement (thereby terminating City Manager's employment) with cause, City Manager shall not be entitled to any Separation Pay. As used in this Agreement, "cause" shall mean any of the following:

1. Conviction of a felony; or
2. Conviction of a misdemeanor arising out of City Manager's duties or performance under this Agreement; or
3. Misappropriation of public funds; or
4. Willful abandonment of duties consisting of the failure to report to work for five consecutive working days (for reasons not medically related) and not notifying staff and the City Council of his leave status; or
5. A willful and intentional failure to carry out materially significant and legally constituted policy decisions of the City Council made by the City Council; or

6. Any other intentional or negligent action or inaction by City Manager that: (a) materially and substantially impedes or disrupts the operations of the City or its organizational units; (b) is detrimental to employees or public safety; (c) violates properly established rules or procedures of the City causing a material and substantial adverse impact on the City; or (d) has a material and substantial adverse effect on the City's interests as clearly defined and delineated by properly established City Council actions, policies, regulations, or City ordinances.

C. Termination by City Before or After an Election for Council Membership

Except as provided otherwise in Section 7(B) above, during the 90-day period immediately preceding and 180-days following the date of a regular or special municipal election for City Council membership, City shall take no action, whether immediate or prospective, to remove, suspend, terminate, or request the resignation City Manager. City acknowledges that this period is longer, and that this provision is broader, than that specified in the Laguna Hills Municipal Code, but provides said period and provision nevertheless as an additional inducement for City Manager to enter into this Agreement.

D. Termination by City Manager

City Manager may resign from his employment as City Manager and terminate this Agreement at any time. City Manager agrees to give the City Council at least forty-five days advance written notice of his decision to resign. City Manager shall not be entitled to any Separation Pay if he resigns. City Council may choose to waive this forty-five day notice period and/or place City Manager on paid administrative leave through the effective date of the resignation. The City Council's waiver of this period shall not change the City Manager's resignation to a termination.

E. Constructive Termination

If at any time during the Term of this Agreement City refuses, following written notice, to comply with any provision benefiting City Manager, or City Manager resigns following a request that he resign made by a majority of the total membership of the City Council in attendance at a lawfully called meeting, then City Manager shall be deemed to be "terminated" as of the date of such refusal or request within the meaning and context of Section 7(A) of this Agreement.

Section 8: Confidentiality

City Manager acknowledges that in the course of his employment contemplated herein, City Manager will be given or will have access to confidential and proprietary documents and information relating to the City, its residents, businesses, employees, and customers ("Confidential Information"). Such Confidential Information may include, but is not limited to, all information given to or otherwise accessible to City Manager that is not public information or would be exempt from public disclosure as confidential, protected, exempt, or privileged information. City Manager shall hold the Confidential Information in trust for the City's benefit and shall not disclose the Confidential Information to others without the express written consent of the City. All Confidential Information shall be promptly returned to the City immediately upon the effective date of any

A. Except for an act of misappropriation of public funds, or an indictment, the filing of an information, a plea of guilty or a plea of nolo contendere for a crime involving moral turpitude, City shall defend, hold harmless and indemnify City Manager against any tort, professional liability claim or demand or other legal action, whether groundless or otherwise, arising out of an alleged act or omission occurring within the scope of his employment as City Manager, using legal counsel of the City's choosing in its sole discretion, in accordance with the provisions of California Government Code Section 825, applicable provisions of the Government Claims Act, and other applicable law. In the event there is a conflict of interest between the City and City Manager in such a case such that qualified independent counsel is required for City Manager, the City shall pay the reasonable fees of such qualified independent counsel, who shall be mutually chosen by the parties. City may compromise and settle any claim or suit against the City Manager and pay the amount of any settlement or judgment rendered therefrom.

Section 10: Notices

IF TO CITY:

Laguna Hills City Council
Laguna Hills City Attorney
City of Laguna Hills
Attn.: City Clerk
24035 El Toro Road
Laguna Hills, California 92653

IF TO CITY MANAGER:

[Address on File with Employment Department]

This Agreement supersedes any and all other agreements, either oral or in writing, between the parties hereto with respect to the employment of City Manager by City and contains all of the

covenants and agreements between the parties with respect to that employment in any manner whatsoever. Each party to this Agreement acknowledges that no representation, inducement, promise, or agreement, orally or otherwise, have been made by any party, or anyone acting on behalf of any party, which is not embodied herein, and that no other agreement, statement, or promise not contained in this Agreement shall be valid or blinding on either party.

Section 12: Modifications

Any modification of this Agreement shall be effective only if it is in writing and signed by the parties.

Section 13: Effect of Waiver

The failure of either party to insist on strict compliance with any of the terms, covenants, or conditions of this Agreement by the other party shall not be deemed a waiver of that term, covenant, or condition, nor shall any waiver or relinquishment of any right or power at any one time or times be deemed a waiver or relinquishment of that right or power for all or any other times.

Section 14: Partial Invalidity

If any provision in this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force without being impaired or invalidated in anyway.

Section 15: Governing Law

This Agreement shall be governed by and construed in accordance with the laws of the State of California and all applicable City regulations, resolutions, and ordinances.

Section 16: Bonding

City shall bear the full cost of any fidelity or other bonds required of the City Manager under any law or ordinance, or any insurance policies in lieu thereof.

Section 17: City's Policies and Procedures

The terms and conditions of City Manager's employment, including additional employment benefits of City Manager not specifically provided for in this Agreement, shall be governed by City's personnel policies and procedures, salary and benefits resolutions, and administrative regulations, to the extent not inconsistent with the provisions of this Agreement. In the event of any such inconsistency or conflict, the provisions of this Agreement shall govern.

Section 18: City Manager's Independent Review

City Manager acknowledges that he has had the opportunity and has conducted an

independent review of the financial and legal effects of this Agreement. City Manager acknowledges that he has made an independent judgment upon the financial and legal effects of the Agreement and has not relied upon representation of the City, its elected or appointed officers and officials, agents or employees, other than those expressly set forth in this Agreement. City Manager acknowledges that he has been advised to obtain, and has availed himself of, independent legal counsel with respect to the terms, conditions and provisions of this Agreement.

Section 19: Enforcement

The prevailing party in any action brought to enforce this Agreement or to resolve any dispute or controversy arising under the terms and conditions hereof shall be entitled to payment of reasonable attorneys' fees and costs.

Section 20: Servant-Leader Model

The City generally supports the City Manager's desire to maintain a Servant Leadership Model throughout the organization, the primary principles of which are the Ten Principles of Servant Leadership by Robert Greenleaf, which are attached hereto as **Attachment 2**. City agrees to support City Manager's desire to implement these Servant-Leader principles within the organization.

10/14/2025

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed as of the date reflected above.

“CITY”

CITY OF LAGUNA HILLS, a California
municipal corporation

By:

JOSHUA SWEENEY,
Mayor

ATTEST:

JENNIFER LEE,
City Clerk

APPROVED AS TO FORM:

GREGORY E. SIMONIAN,
City Attorney

“CITY MANAGER”

[Name]

Date: October 14, 2025

ATTACHMENT 1**SEPARATION AGREEMENT AND GENERAL RELEASE**

This Separation Agreement and General Release ("Separation Agreement") is entered into by _____ ("City Manager") and City of Laguna Hills ("Employer"), in light of the following facts:

RECITALS

A. City Manager's employment by Employer, and the Employment Agreement under which he was employed, have been terminated effective _____, 20__.

B. City Manager is hereby informed that he has 21 days from the effective date of the termination when he received this Agreement to consider it. Employer hereby advises City Manager to consult with an attorney before signing this Agreement.

C. City Manager acknowledges that for a period of 7 days following the signing of this Separation Agreement ("Revocation Period"), he may revoke this Separation Agreement. This Separation Agreement shall not become effective or enforceable until the Revocation Period has expired.

D. City Manager acknowledges that the Salary Payment referenced in paragraph 1 of this Separation Agreement represents all compensation due and payable to him through his termination. City Manager also acknowledges that Employer has made this Salary Payment without regard to whether he signs this Separation Agreement. The Salary Payment does not constitute consideration for this Separation Agreement.

E. City Manager acknowledges that the Separation Pay referenced in paragraph 2 of this Separation Agreement is in excess of all amounts that are due and owing to him as a result of his employment by Employer.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein and other good and valuable consideration, receipt of which is hereby acknowledged, the parties agree as follows:

AGREEMENT

1. Receipt of Salary Payment. City Manager hereby acknowledges receipt of a check for all salary and accrued leave owing ("Salary Payment") from Employer as of the effective date of this Separation Agreement (set forth in Recital A, above) pursuant to the Employment Agreement between City Manager and Employer.

2. Separation Pay. Following return to Employer of this Separation Agreement signed by City Manager and expiration of the Revocation Period, not having been revoked by City Manager, Employer shall pay the applicable Separation Pay provided for in the Employment

Agreement between City Manager and Employer.

3. General Release. In consideration of the Separation Pay to be given to City Manager, and other good and valuable consideration, City Manager hereby releases and discharges Employer and its past and present elected and appointed officials and officers, employees, representatives, agents and attorneys, from all rights, claims, causes of action, and damages, both known and unknown, in law or in equity, concerning and/or arising out of his employment with Employer which he now has, or ever had, including but not limited to any rights, claims, causes of action, or damages arising under Title VII of the Civil Rights Act of 1964, the Age Discrimination in Employment Act of 1967, the Fair Labor Standards Act of 1938, the Americans with Disabilities Act, the Meyers-Milias Brown Act, the Vocational Rehabilitation Act of 1973, the Family and Medical Leave Act of 1993, the California Moore-Brown-Roberti Family Rights Act, the California Unruh Civil Rights Act, the California Fair Employment and Housing Act, or the California Labor Code, under any other federal, state, or local employment practice legislation, or under federal or state common law, including wrongful discharge, express or implied contract, breach of public policy, or violation of due process rights.

City Manager hereby waives and relinquishes all rights and benefits afforded by Section 1542 of the Civil Code of California. City Manager understands and acknowledges the significance and consequences of this specific waiver of Section 1542. Section 1542 of the Civil Code of California states as follows:

"A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor."

Notwithstanding the provisions of Section 1542, and for the purpose of implementing a full and complete release and discharge of Employer and its past and present elected and appointed officials and officers, employees, representatives, agents and attorneys, City Manager expressly acknowledges that this General Release is intended to include in its effect, without limitation, all claims which he does not know or suspect to exist in his favor.

City Manager further acknowledges that he has read this General Release, that he understands that this is a general release, and that he intends to be legally bound by the same.

4. Fees and Costs. City Manager and Employer agree that in the event of litigation relating to this Separation Agreement, the prevailing party shall be entitled to reasonable attorneys' fees and costs.

5. Continuation of Certain Provisions of Employment Agreement. Employer acknowledges its continuing duty to indemnify City Manager in accordance with Section 9 of the Employment Agreement notwithstanding this Separation Agreement. Employer further acknowledges its duty with respect to City Manager to comply with any and all provisions of the Laguna Hills Municipal Code conferring benefits on former employees, if any.

10/14/2025

6. **Complete Agreement.** Except for the applicable provisions of the parties' Employment Agreement, which are referenced herein, this is the entire agreement between City Manager and Employer with respect to the subject matter hereof and this Separation Agreement supersedes all prior and contemporaneous oral and written agreements and discussions. It may only be amended in writing.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed as of the dates reflected below.

"CITY MANAGER"

DATED: _____

[Name]

"CITY OF LAGUNA HILLS"

DATED: _____

By: _____

10/14/2025

ATTACHMENT 2

TEN PRINCIPLES OF SERVANT LEADERSHIP

BY: ROBERT GREENLEAF

Greenleaf's Ten Characteristics of a Servant-Leader

1. **Listening:** Leaders have traditionally been valued for their communication and decision making skills. Although these are also important skills for the servant-leader, they need to be reinforced by a deep commitment to listening intently to others. The servant-leader seeks to identify the will of a group and helps to clarify that will. He or she listens receptively to what is being said and unsaid. Listening also encompasses getting in touch with one's own inner voice. Listening, coupled with periods of reflection, are essential to the growth and well-being of the servant-leader.

2. **Empathy:** The servant-leader strives to understand and empathize with others. People need to be accepted and recognized for their special and unique spirits. One assumes the good intentions of co-workers and colleagues and does not reject them as people, even when one may be forced to refuse to accept certain behaviors or performance. The most successful servant-leaders are those who have become skilled empathetic listeners.

3. **Healing:** The healing of relationships is a powerful force for transformation and integration. One of the great strengths of servant-leadership is the potential for healing one's self and one's relationship to others. Many people have broken spirits and have suffered from a variety of emotional hurts. Although this is a part of being human, servant-leaders recognize that they have an opportunity *to help make whole* those with whom they come in contact. In his essay, *The Servant as Leader*, Greenleaf writes, "There is something subtle communicated to one who is being served and led if, implicit in the compact between servant-leader and led, is the understanding that the search for wholeness is something they share."

4. **Awareness:** General awareness, and especially self-awareness, strengthens the servant-leader. Awareness helps one in understanding issues involving ethics, power and values. It lends itself to being able to view most situations from a more integrated, holistic position. As Greenleaf observed: "Awareness is not a giver of solace—it is just the opposite. It is a disturber and an awakener. Able leaders are usually sharply awake and reasonably disturbed. They are not seekers after solace. They have their own inner serenity."

5. **Persuasion:** Another characteristic of servant-leaders is a reliance on persuasion, rather than on one's positional authority, in making decisions within an organization. The servant-leader seeks to convince others, rather than coerce compliance. This particular element offers one of the clearest distinctions between the traditional authoritarian model and that of servant-leadership. The servant-leader is effective at building consensus within groups. This emphasis on persuasion over coercion finds its roots in the beliefs of the Religious Society of Friends (Quakers)—the denominational body to which Robert Greenleaf belonged.

6. **Conceptualization:** Servant-leaders seek to nurture their abilities to *dream great dreams*. The ability to look at a problem or an organization from a

conceptualizing perspective means that one must think beyond day-to-day realities. For many leaders, this is a characteristic that requires discipline and practice. The traditional leader is consumed by the need to achieve short-term operational goals. The leader who wishes to also be a servant-leader must stretch his or her thinking to encompass broader based conceptual thinking. Within organizations, conceptualization is, by its very nature, the proper role of boards of trustees or directors. Unfortunately, boards can sometimes become involved in the day-to-day operations--something that should always be discouraged--and, thus, fail to provide the visionary concept for an institution. Trustees need to be mostly conceptual in their orientation, staffs need to be mostly operational in their perspective, and the most effective executive leaders probably need to develop both perspectives within themselves. Servant-leaders are called to seek a delicate balance between conceptual thinking and a day-to-day operational approach.

7. Foresight: Closely related to conceptualization, the ability to foresee the likely outcome of a situation is hard to define, but easier to identify. One knows foresight when one experiences it. Foresight is a characteristic that enables the servant-leader to understand the lessons from the past, the realities of the present, and the likely consequence of a decision for the future. It is also deeply rooted within the intuitive mind. Foresight remains a largely unexplored area in leadership studies, but one most deserving of careful attention.

8. Stewardship: Peter Block (author of *Stewardship* and *The Empowered Manager*) has defined stewardship as "holding something in trust for another." Robert Greenleaf's view of all institutions was one in which CEO's, staffs, and trustees all played significant roles in holding their institutions in trust for the greater good of society. Servant leadership, like stewardship, assumes first and foremost a commitment to serving the needs of others. It also emphasizes the use of openness and persuasion, rather than control.

9. Commitment to the growth of people: Servant-leaders believe that people have an intrinsic value beyond their tangible contributions as workers. As such, the servant-leader is deeply committed to the growth of each and every individual within his or her organization. The servant-leader recognizes the tremendous responsibility to do everything in his or her power to nurture the personal and professional growth of employees and colleagues. In practice, this can include (but is not limited to) concrete actions such as making funds available for personal and professional development, taking a personal interest in the ideas and suggestions from everyone, encouraging worker involvement in decision making, and actively assisting laid-off employees to find other positions.

10. Building community: The servant-leader senses that much has been lost in recent human history as a result of the shift from local communities to large institutions as the primary shaper of human lives. This awareness causes the servant leader to seek to identify some means for building community among those who work within a given institution. Servant-leadership suggests that true community can be created among those who work in businesses and other institutions. Greenleaf said, "All that is needed to rebuild community as a viable life form for large numbers of people is for enough servant-leaders to show the way, not by mass movements, but by each servant-leader demonstrating his or her unlimited liability for a quite specific community-related group." These ten

characteristics of servant-leadership are by no means exhaustive. However, they do serve to communicate the power and promise that this concept offers to those who are open to its invitation and challenge.



City of Laguna Hills City Council / Planning Agency Staff Report

Date: October 14, 2025
To: Mayor and Council Members
From: Kayle McDonald, Deputy City Clerk
Issue: Committee Assignment Report

Recommendation: That the City Council receive reports from City Council Members on the City Council Committee Assignments listed in the staff report.

Background:

The following are recent meetings and events attended by the City Council for their City Council Committee Assignments.

[Orange County Fire Authority \(OCFA\)](#)

[Board of Directors](#)

Mayor Sweeney

September 25, Regular Meeting

[Association of California Cities—Orange County \(ACC-OC\)](#)

[Legislative & Regulatory Committee](#)

Council Member Wheeler

September 25, Regular Meeting

[Orange County Older Adults Advisory Commission \(OAAC\)](#)

[Council Member Wheeler](#)

October 10, Regular Meeting

Fiscal Impact:

The City does not provide any additional compensation to City Council Members for

serving on outside agency board or committees.

Attachments:

None