



CITY OF SAN RAMON
TRANSPORTATION ADVISORY COMMITTEE

Billy Hurley, Chair • Joy Bhattacharya, Vice Chair
Robert DuPont • Al Pacheco • Atul Patel • Nolan Chen • Min Tsao

ZOOM TELECONFERENCE	October 15, 2020- 6:00 p.m.
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AGENDA QUESTIONS: PLEASE CALL THE TRANSPORTATION OFFICE AT (925) 973-2650

Documents received after publication of this Agenda and considered by the Transportation Advisory Committee in its deliberation will be available for inspection only via electronic document transfer, due to the COVID-19 outbreak. See the COVID-19 provisions outlined below. Please call or email the Transportation Division during normal business hours if you require access to any such documents.

**CORONAVIRUS (COVID-19) ADVISORY
AND MEETING PROCEDURE**

On September 14, 2020, the Health Officer of Contra Costa County issued Order No. HO-COVID19-28 that directed that all individuals living in the county to continue to comply with social distancing and face covering requirements and avoid most gatherings, and directing government agencies to comply with specified restrictions necessary to slow the spread of COVID-19.

Under the Governor’s Executive Order N-29-20, this meeting may utilize teleconferencing. As a precaution to protect the health and safety of staff, officials, and the general public. Committee members will not be physically in attendance, but will be available via video conference.

There will be no physical location for members of the public to participate in the meeting. We encourage members of the public to shelter in place and access the meeting online using the web-video communication application, Zoom. Zoom participants will have the opportunity to speak during Public Comment (for topics not on the agenda), in addition to each of the agendized items.

If you are submitting public comment via email, please do so by 5:00 p.m. on Thursday, October 15, 2020 to asekhon@sanramon.ca.gov. Please include “Public Comment 10/15/2020” in the subject line. In the body of the email please include your name and the item you wish to speak on. Public comments submitted will be read during Public Comment and will be subject to the regular three-minute time restriction.

This Committee meeting will be conducted on the web-video communication platform, Zoom. In order to view and/or participate in this meeting, members of the public will need to download Zoom from its website, www.zoom.com. It is recommended that anyone wishing to participate in the meeting complete the download process before the start of the meeting.

There will be zero tolerance for any person addressing the Committee making profane, offensive and disruptive remarks, or engaging in loud, boisterous, or other disorderly conduct, that disrupts the orderly conduct of the public meeting.

HOW TO VIEW THE MEETING REMOTELY:

1. Livestream online at: <https://cityofsanramon.zoom.us/j/92696961811>

Webinar ID: 926 9696 1811

2. For audio access to the meeting by telephone, use the dial-in information below:

+1 (669) 900-6833

Webinar ID: 926 9696 1811

HOW TO PARTICIPATE IN THE MEETING REMOTELY:

1. Provide live remote public comments: <https://cityofsanramon.zoom.us/j/92696961811>
From a PC, Mac, iPad, iPhone or Android device.

Webinar ID: 926 9696 1811

(To supplement a PC, Mac, tablet or device without audio, please also join by phone:
+1 (669) 900-6833)

To comment by video conference, click the “Raise Your Hand” button or *9 on your telephone to request to speak when Public Comment is being taken on the Agenda item. You will then be unmuted when it is your turn to make your comment for up to three minutes. After the allotted time, you will then be re-muted.

2. Provide public written comments prior to meeting by email, to asekhon@sanramon.ca.gov.

If you are submitting public comment via email, please do so by 5:00 p.m. on Thursday, October 15, 2020 to asekhon@sanramon.ca.gov. Please include “Public Comment 10/15/2020” in the subject line. In the body of the email please include your name and the item you wish to speak on. Public comments submitted will be read during Public Comment and will be subject to the regular three-minute time restriction.

1. CALL MEETING TO ORDER

2. ROLL CALL

3. REVIEW AND APPROVE

3.1 September 17, 2020 Meeting Minutes

4. PUBLIC COMMENT

*Members of the audience are encouraged to address the Committee on any non-agenda item. Members of the public who are participating via Zoom will have the opportunity to make comments to the Committee live through the Zoom application. Comments from the public under Public Comment may also be submitted by email to asekhon@sanramon.ca.gov. No Committee action can be taken at this meeting on issues raised during Public comment, whether submitted by email or Zoom. To comment by video conference, Zoom, click the “Raise Your Hand” button or *9 on your telephone to request to speak when Public Comment is being taken on the Agenda item. You will then be unmuted when it is your turn to make your comment for up to three minutes. After the allotted time, you will then be re-muted.*

5. NEW BUSINESS

- 5.1 Bollinger Canyon and Crow Canyon Roads Automated Traffic Signal Performance Measures (ATSPM) System (CIP 975606)
By: Deborah Fehr, Senior Traffic Engineer
- 5.2 Alcosta Boulevard Pavement Rehabilitation Project Update
By: Daniel Chavarria, Senior Civil Engineer
- 5.3 County Connection Advisory Committee (CCAC) Update
Presentation By: Wayne Mortensen, CCAC San Ramon Representative
- 5.4 Transportation Advisory Committee By Laws Update
By: Amy Sekhon, Office Specialist

6. UNFINISHED BUSINESS

- 6.1 Trevari Community Permit Parking Update
By: PJ Dhoot, Transportation Specialist
- 6.2 Residential Traffic Calming Program Updates
By: PJ Dhoot, Transportation Specialist

7. COMMITTEE MEMBER ITEMS

- 7.1 Committee Member Items
- 7.2 City Council Liaison Items
- 7.3 Planning Commission Liaison Items
- 7.4 Senior Advisory Committee Liaison Items
- 7.5 Teen Council Liaison Items

8. ADJOURNMENT

I hereby certify the attached Transportation Advisory Committee Agenda was posted 72 hours before the noted meeting:


Christina Franco, City Clerk

Dated: October 7, 2020

**DRAFT MINUTES
TRANSPORTATION ADVISORY COMMITTEE
SEPTEMBER 17, 2020
TELECONFERENCE MEETING**

1. CALL TO ORDER – 6:00 p.m.

Committee Members Attending:	Billy Hurley, Nolan Chen, Robert DuPont, Al Pacheco, and Min Tsao.
Committee Members Absent:	Joy Bhattacharya and Atul Patel.
City Council Liaison:	None
Planning Commission Liaison:	Jean Kuznik
Staff Members Attending:	Lisa Bobadilla, PJ Dhoot, Amy Sekhon, Todd Santiago, Theresa Peterson, Robin Bartlett
Guests Attending:	Ann Uwithya, Brad Cavanaugh, and Robert Trujillo.

Chair Billy Hurley called the meeting to order at 6:00p.m.

2. ROLL CALL

Amy Sekhon, Recording Secretary, called for Roll Call.

Nolan Chen – Present
Robert DuPont – Present
Al Pacheco – Present
Atul Patel – Absent
Min Tsao – Present
Vice Chair Joy Bhattacharya – Absent
Chair Billy Hurley – Present

Prior to Item 3: Review and Approve, Ms. Sekhon, made an announcement that the meeting was conducted pursuant to the Governor’s Executive Orders relaxing the requirements pertaining to remote meetings under the Brown Act. To facilitate social distancing and slow the spread of the Coronavirus (COVID-19) pandemic the Executive Orders authorize state and local legislative bodies, including the City Council, to hold public meetings by teleconference. The Executive Orders allow public meetings accessible to the public via electronic means, including telephone.

Ms. Sekhon stated that roll call votes will be recorded for this meeting.

3. **REVIEW AND APPROVE**

Bob DuPont made a motion to approve the August 20, 2020 meeting minutes as written, and was seconded by Nolan Chen. Motion passed (5-0-2-0) Vice Chair Bhattacharya and Mr. Patel absent.

4. **PUBLIC COMMENT**

None.

5. **NEW BUSINESS**

5.1 Innovate 680

Lisa Bobadilla, Division Manager, introduced Tim Haile, Deputy Executive Director, Contra Costa Transportation Authority, to the committee. Mr. Haile presented the item to the TAC, and provided a summary of the seven key strategies for Innovate 680.

The seven key strategies are:

1. Cool Corridor “Hot Spots;”
2. Complete HOV Express Lanes;
3. Increase Bus Service Efficiency;
4. Innovate Operational Strategies;
5. Prepare the Corridor for the Future;
6. First Mile and Last Mile Connections; and
7. Transportation Demand Management.

The seven key strategies have developed into six projects, pending funding opportunities.

Questions/Comments:

Nolan Chen inquired about the timeline for the projects. Mr. Haile stated that they are planned to be implemented over the next five years.

Item 6.1 Trevari Permit Parking

Chair Hurley stated that there has been a request to address Trevari Permit Parking, since there are members of the public tonight that would like to make public comment on the topic.

PJ Dhoot, Transportation Specialist, presented the item. She stated that a few Trevari residents and the Trevari Homeowner’s Associating (HOA) have reached out to her to

address parking concerns in the community. She stated that residents of the adjacent townhome community, Miravilla, have been parking in the Trevari community. Ms. Dhoot stated that both the Trevari HOA and Miravilla HOA are reviewing their Covenants, Conditions and Restrictions (CCR). She stated that the San Ramon Police Department (SRPD) are working on parking enforcement of the area.

Ms. Bobadilla presented the Permit Parking timeline:

1. Staff will prepare a parking analysis plan, and will circulate a permit parking survey (online) to the Trevari residents.
2. The survey will be due October 12th, and staff will present the results at the October 15th TAC meeting.
3. Following the TAC meeting, staff will meet with the Miravilla HOA to discuss the parking issue.
4. At the November TAC meeting, TAC will vote on how to proceed with the item.
5. In December, the item may be brought to the Policy Committee.
6. In January, City Council will vote to hold a public hearing on the item and will let staff know how to proceed.

Ms. Bobadilla stated that there are a number of steps that have to take place before permit parking can be implemented, such as updating the Municipality Code, updating parking zones, working with PD staff on enforcement, etc.

Questions/Comments:

Mr. Pacheco stated that he lives near the community and has noticed a parking problem.

Mr. Pacheco stated that if all of Trevari has permit parking requirements, then the problem may move to adjoining communities, such as Alta Mira.

Ms. Dhoot stated that staff will approach Miravilla HOA about possibly converting guest spaces pending a parking analysis plan.

Mr. Pacheco inquired about opening parking on all of Red Willow Road, Ms. Dhoot stated that staff has reached out to Traffic Engineering staff to see why it was not open when the community was built.

Chair Hurley asked if there is a voting requirement for permit parking to be put in place. Ms. Dhoot stated that 75% of the residents have to agree to it.

Chair Hurley inquired about the cost of installing permit parking. Ms. Dhoot stated that since the roadways are public, the City would absorb the cost of installing infrastructure such as poles, signage, striping, etc.

Chair Hurley asked if members of the public would like to speak on the item.

Public Comment:

Brad Cavanaugh, Trevari resident, stated that Miravilla has more than enough parking available. He stated that there are about 50 cars parking in Trevari, and if they opened up guest parking in Miravilla, their residents would have enough parking.

Ann Uawithya, Trevari resident, stated that the additional cars make the neighborhood unsafe, and some cars block handicap ramps. She stated that she has observed cars parked for weeks at a time. She has read notes people have left on these cars pleading for them to move cars, so they can put their trash cans out.

Robert Trujillo stated it has been difficult for the past six months. He stated that the Miravilla residents are not just parking at community entry points, it is throughout the community. He stated that he believes home values are going down in Trevari due to all of the cars parked there. He has seen residents have their trash cans moved onto their lawns during pickup days, just so someone could park on the street.

Mr. Chen asked if Miravilla parking is underused. Ms. Dhoot stated that staff will determine that when the parking analysis is completed.

Mr. Chen asked if Trevari is a single family home community. Ms. Dhoot stated that it is, and homes have two car garage and two car driveways. Miravilla is a townhome community with two car garages and no driveway.

Mr. Chen asked for staff's recommendation. Ms. Dhoot stated that staff will have to gather additional data.

5.2 Crow Canyon Road Widening

Theresa Peterson, Associate Engineer, presented the item. She stated that the last time Crow Canyon Road Widening was presented, staff had just finalized the plan line for the widening project. Staff is now approaching 90% design, and wanted to provide TAC an update. The Project will construct one additional travel lane in each direction of Crow Canyon Road, between Alcosta Boulevard and St. George Road. In addition to the new lanes, the project includes improved facilities for pedestrians such as: ADA upgrades, crosswalk consolidation, and conversion of sidewalk on the north side into a spacious walking path. Widened bike lanes with buffers and green conflict zone striping will be installed throughout the project to provide additional delineation between vehicles and cyclists. New vibrant, drought-tolerant landscaping will be installed to enhance the roadway features. Updated traffic signals and streetlights, with the latest equipment and technology will replace the existing older traffic signals and lighting. She stated that this project is a requirement of the Dougherty Valley Settlement Agreement. The project will be in two phases:

Phase 1:

Utility Relocation
Construction Spring 2021
Completion Spring 2022

Phase 2:

Design will be in Fiscal Year 21-22, with construction beyond 5 years pending funding availability

Ms. Peterson shared renderings of the project.

Questions/Comments:

Chair Hurley asked if auto travel lane width will stay the same. Ms. Peterson stated that they maybe a little wider than some areas right now. The bike lanes are going to be 8ft. bike lanes, which is wider than what is currently in place.

Chair Hurley asked if there are concerns that since roads will be wider cars will be traveling faster. Ms. Peterson stated that they aren't going to be much wider than what they are now, specifically where there are three lanes instead of 2.

Item 5.3 Street Smarts Program

Dolores Pita, Street Smarts Program Coordinator, presented the item. She provided staff with an update on program activities for School Year 19-20 as presented in the agenda packet.

She stated that for School Year 20-21 staff is working on different activities to engage students in traffic safety, such as:

1. Web-based Programs with Traffic Safety Themes (i.e. word search and crossword puzzles);
2. Traffic Safety Videos (on-line and available to school sites);
3. Safe Bike Riding - addressing specific safety measures when riding a bike;
4. Safe Pedestrian Walking - addressing specific safety measures when walking;
5. School Site specific videos educating students on Traffic Safety Infrastructure in and around school sites; and
6. Virtual Street Smarts Video Contest.

Staff is also working with California Highway Patrol (CHP) staff on holding Start Smart virtual assemblies for the High School Program.

Questions/Comments:

Mr. Chen asked if assemblies will be happening remotely. Ms. Pita stated that it will be starting remotely on September 21st. In addition, there will be a Poster Contest for the month of October. Drawing contest for the month of October.

Mr. Pacheco asked if there are parent awareness items, Ms. Pita stated that there are resources available on the Street Smarts website, and posts on both Street Smarts and the City's social media accounts.

Item 5.4 Residential Traffic Calming Subcommittee

Ms. Bobadilla stated that staff is working on updating the Residential Traffic Calming (RTC) Program Toolkit, the toolkit was last updated over fifteen years ago, and would like the Committee to consider appointing up to three TAC members to serve on the RTC Subcommittee.

The RTC Subcommittee will be responsible for to work with staff on updating the RTC Toolkit, this will involve additional meetings on top of regularly scheduled TAC meetings. The goal is to update the RTC Toolkit over the next six months, and eventually bringing this to City Council for review and approval. The RTC Subcommittee will be responsible for providing updates to the TAC monthly.

Al Pacheco and Billy Hurley volunteered to serve on the Subcommittee. Bob DuPont stated that since Atul and Joy are both absent, he would like staff to reach out to them to see if either one of them would like to volunteer. Mr. DuPont stated that if staff does not receive any more volunteers after reaching out to Atul and Joy, he would serve on the Subcommittee.

6. UNFINISHED BUSINESS

6.1 Residential Traffic Calming Program Updates

Ms. Dhoot presented the item. She stated that curve warning signs with suggested speed limits will be installed on Windemere Parkway in October.

7. COMMITTEE MEMBER ITEMS

7.1 Committee Member Items

Mr. Pacheco inquired about the email he sent to staff regarding the intersection of Bollinger Canyon Road and Canyon Lakes Drive. Ms. Bobadilla stated that staff has received his email, and that Deb Fehr, Senior Traffic Engineer, will provide feedback at the October TAC meeting.

Chair Hurley stated that he will be attending a CCTA Citizen's Advisory Committee meeting to review a few more City's Growth Management Program checklist.

7.2 *City Council Liaison Items*

None.

7.3 *Planning Commission Liaison Items*

Planning Commissioner Jean Kunzik provided the update:

- Planning Commission received a presentation requesting an extension of the deck along the Bridges Gold Course. The Planning Commissioners stated that Bridges staff should reach out to the surrounding neighborhood to see if they should extend their building.
- Planning Commission received a study center application where Chevy's used to be, along San Ramon Valley Boulevard and Bollinger Canyon Road. She stated that it was an informational discussion, childcare is also an item that crucially needed at this time, but it is always difficult to place a study center where retail used to be.
- At the last Planning Commission meeting, the Commissioners approved the Emergency Operations Center (EOC) expansion behind the Police Department, Permit Center.

Mr. Pacheco stated that there is a lot of parking outside of where Chevy's was located.

Mr. DuPont stated that, in his opinion, a study center should not be located there.

7.4 *Senior Advisory Committee Liaison Items*

None.

7.5 *Teen Council Liaison*

None.

8. **ADJOURNMENT**

There being no further business, the meeting was adjourned at 7:36p.m.

TRANSPORTATION ADVISORY COMMITTEE STAFF REPORT



DATE: October 15, 2020

TO: Transportation Advisory Committee

FROM: Maria Fierner, Public Works Director
By: Deborah Fehr, Senior Traffic Engineer

SUBJECT: Bollinger Canyon and Crow Canyon Roads Automated Traffic Signal Performance Measures (ATSPM) System (CIP 975606)

RECOMMENDED ACTION

Staff recommends that the Transportation Advisory Committee (TAC) receive the status update for the Bollinger Canyon & Crow Canyon Roads Traffic Signals Automated Traffic Signal Performance Measures (ATSPM) Project (CIP 975606).

BACKGROUND/DISCUSSION

Background

In the summer of 2017, MTC issued a Call for Projects for a new regional grant program called Innovative Deployments to Enhance Arterials (IDEA). In September 2017, in response to the Call for Projects through MTC, staff submitted a Category 1 grant application for the Bollinger Canyon & Crow Canyon Roads ATSPM Project (CIP 975606). In February 2018, staff was notified that the City's application was approved for the full requested amount of \$563,000.

On July 24, 2018, the City Council adopted Resolution No. 2018-086, authorizing the City Manager to execute the Funding Agreements for the IDEA Category 1 Project with MTC, as part of the Bollinger Canyon & Crow Canyon Roads Traffic Signals ATSPM Project (CIP 975606).

The IDEA Program was designed as a funding opportunity to support agencies to deploy advanced technologies along arterials to enhance mobility, sustainability, and safety across all modes of transportation. The core goals of IDEA are to:

- 1) Improve travel time and travel time reliability along arterials for autos and transit vehicles;
- 2) Improve safety of motorists, transit riders, bicyclists, and pedestrians;
- 3) Decrease motor vehicle emissions and fuel consumption; and
- 4) Improve knowledge of and proficiency in the use of advanced technologies for arterial operations.

Discussion

The Bollinger Canyon & Crow Canyon Roads Traffic Signals ATSPM Project consists of: replacing 14 existing obsolete traffic signal controllers (replaced in 2019); installing 20 bicycle monitoring/detection systems; and implementing a state-of-the-art ATSPM System encompassing 43 intersections. ATSPMs will provide the City with the information/tools needed to actively monitor signal performance and proactively identify and correct deficiencies before they negatively impact arterial operations. A fitness tracker for traffic signals, ATSPMs are a cost-effective way to improve traditional retiming processes by providing continuous performance monitoring capability through the use of high-resolution data and real-time performance measures (e.g., vehicle delay, volume, speeds, travel time, etc.) The ATSPM system has been deployed at the intersections on Bollinger Canyon Road from Talavera Drive to Dougherty Road (South), and Crow Canyon Road from Bollinger Canyon Road to Dougherty Road.

The Bicycle Detection Systems will be capable of distinguishing between vehicles and bicycles for detection purposes in order to provide sufficient green time for bicyclists to proceed through the intersection and able to count the number of bicycles entering each intersection. The Bicycle Detection System will be deployed at the intersections on Bollinger Canyon Road from North/South Chanterella Drive to Dougherty Road (South), and Crow Canyon Road from Barbados Drive to Dougherty Road.

On October 23, 2019, staff advertised a Request for Proposals (RFP) to provide and implement an ATSPM system for the Bollinger Canyon Road and Crow Canyon Road corridors. In response to the advertisement, five proposals were received on November 15, 2019. Following team review of the written and oral proposals, Traffop Corp was selected to provide an ATSPM system for the Project. The ATSPM system proposed by Traffop Corp is simple and efficient with minimal installation requirements. It was the only system proposed that met all of the system engineering requirements. It can be set up and operated effectively with minimal training. The system can be easily expanded, providing the City with maximum flexibility for future system expansion.

On January 28, 2020, the City Council awarded the Contract (C2020-009) in the amount of \$147,180 to Traffop Corp. The ATSPM System is currently being deployed at intersections on Bollinger Canyon Road from Talavera Drive to Dougherty Road (South), and Crow Canyon Road from Bollinger Canyon Road to Dougherty Road.

The Bicycle Detection Systems are a separate component from the ATSPM System; therefore, a separate RFP process is required to acquire the system. On June 26, 2020, staff advertised a Request for Proposals (RFP) to provide and implement a Bicycle Detection System at 20 intersections for the Bollinger Canyon Road and Crow Canyon Road corridors. In response to the advertisement, three proposals were received on July 14, 2020. Following team review of the written proposals, Iteris, Inc., was selected to provide Bicycle Detection Systems for the ATSPM Project. The Bicycle Detection Systems proposed by Iteris, Inc., meets most of the system requirements, more than any of the other vendors. It can be set up and operated effectively with minimal training.

On August 25, 2020, the City Council awarded the Contract (C2020-039) in the amount of \$334,800 to Iteris, Inc. The Bicycle Detection System will be deployed at the intersections on

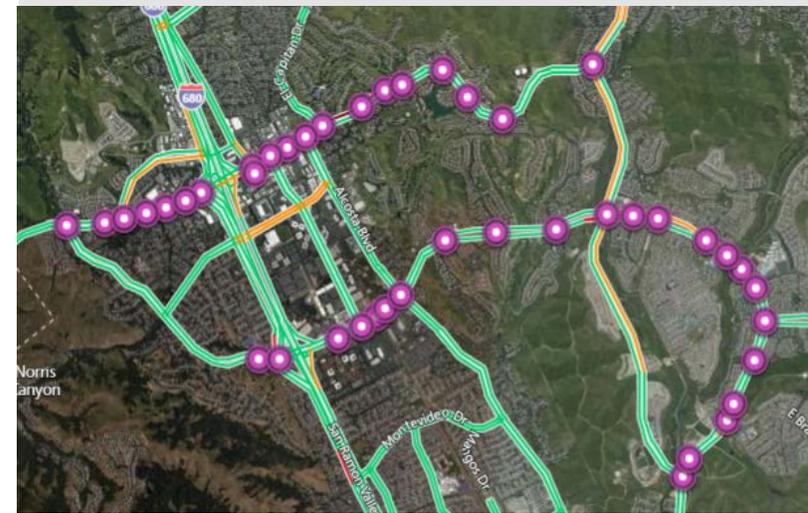
Bollinger Canyon Road from North/South Chanterella Drive to Dougherty Road (South), and Crow Canyon Road from Barbados Drive to Dougherty Road.

NEXT STEPS

- Finalize the ATSPM installation and setup.
- Participate in ATSPM system training.
- Install and program bicycle detection cameras.

Automated Traffic Signal Performance Measures (ATSPM) Project Update

Transportation Advisory Committee Meeting
October 15, 2020



Presentation Outline

- IDEA Program Grant
- Project Description
- Timeline
- ATSPM System
- Bicycle Detection System
- Next Steps
- Questions and ATSPM Demonstration



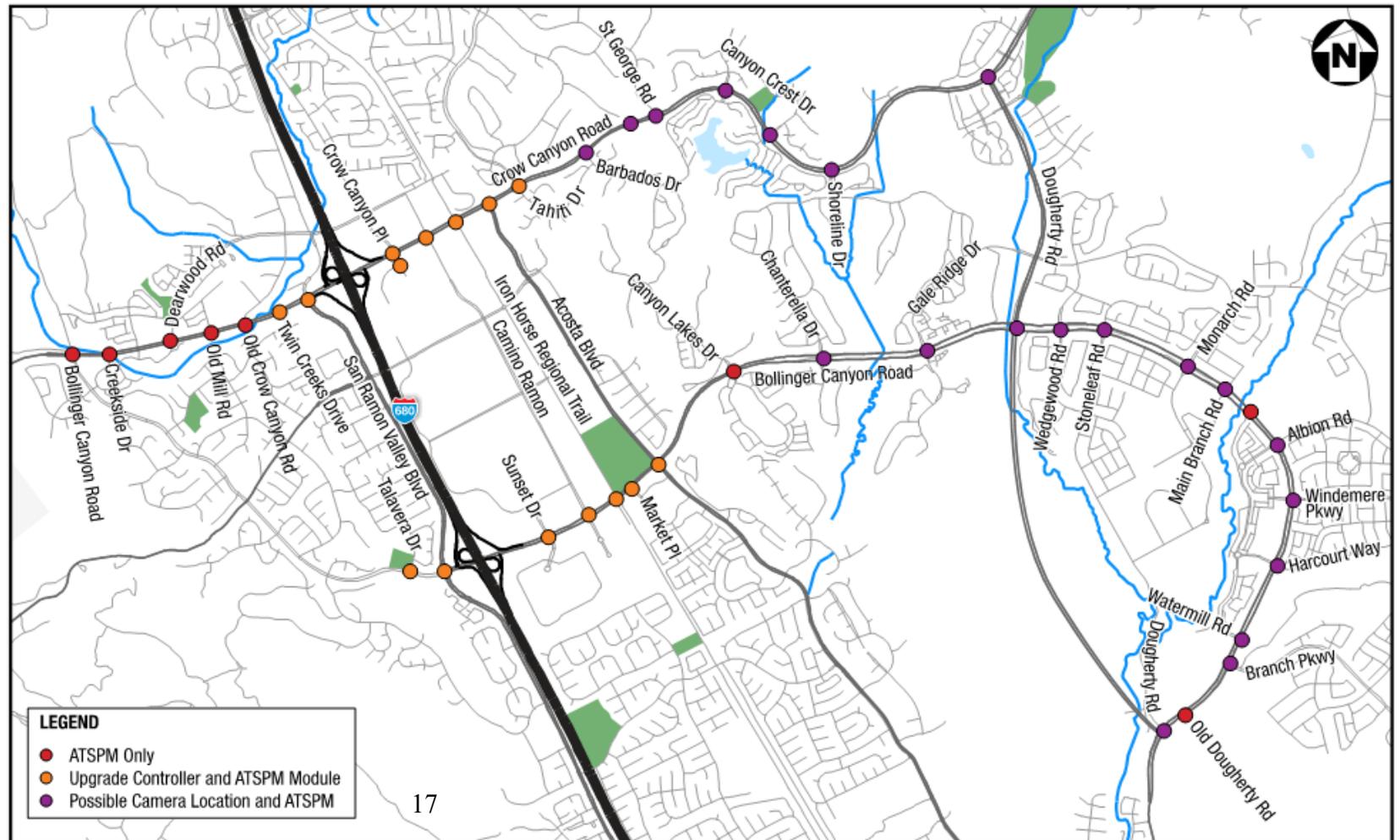
IDEA Program Grant

Innovative Deployments to Enhance Arterials

- Improve travel time and travel time reliability along arterials for autos and transit vehicles
- Improve safety of motorists, transit riders, bicyclists, and pedestrians
- Decrease motor vehicle emissions and fuel consumption
- Improve knowledge of and proficiency in the use of advanced technologies for arterial operations



- Implement a state-of-the-art ATSPM system at 43 intersections
- Replace 14 existing obsolete traffic signal controllers
- Install 20 bicycle monitoring/detection systems



- 2017 – MTC issued Call for Projects, and staff submitted a Category 1 application
- February 2018 – City awarded grant for \$563,000
- July 2018 – City Council adopted Resolution No. 2018-086 authorizing funding agreement with MTC
- August 2018 to August 2019 – Prepared Systems Engineering Report
- July 2019 – Replaced existing obsolete traffic signal controllers
- October 2019 to January 2020 – Acquire an ATSPM System Vendor
- January 2020 – City Council adopted Resolution No. 2020-008 authorizing contract with Traffop Corp
- February 2020 to Present – Installation of ATSPM System
- June 2020 to Present – Acquire a Bicycle Detection System Vendor
- August 2020 – City Council adopted Resolution No. 2020-083 authorizing contract with Iteris, Inc.



Traffop's ATSPM software includes:

- Modern, intuitive, and fast browser-based user interface
- Automated Dashboards
 - System Performance Dashboard
 - Corridor Performance Trends Dashboard
 - Corridor Travel Time Dashboard
 - Signal Overview Dashboard
 - Signal Executive Dashboard
 - Signal Performance Trends Dashboard
- Interactive Automated Signal Performance Metrics Charts:
 - Purdue Split Failure
 - Purdue Coordination Diagram
 - Purdue Phase Termination
 - Split Monitor
 - Approach Delay
 - Preemption Details
 - Approach Volume
 - Turning Movement Counts
 - Arrivals on Red
 - Pedestrian Delay
 - Queue Length
 - Detector Metrics
 - Purdue Link Pivot



Example Charts:

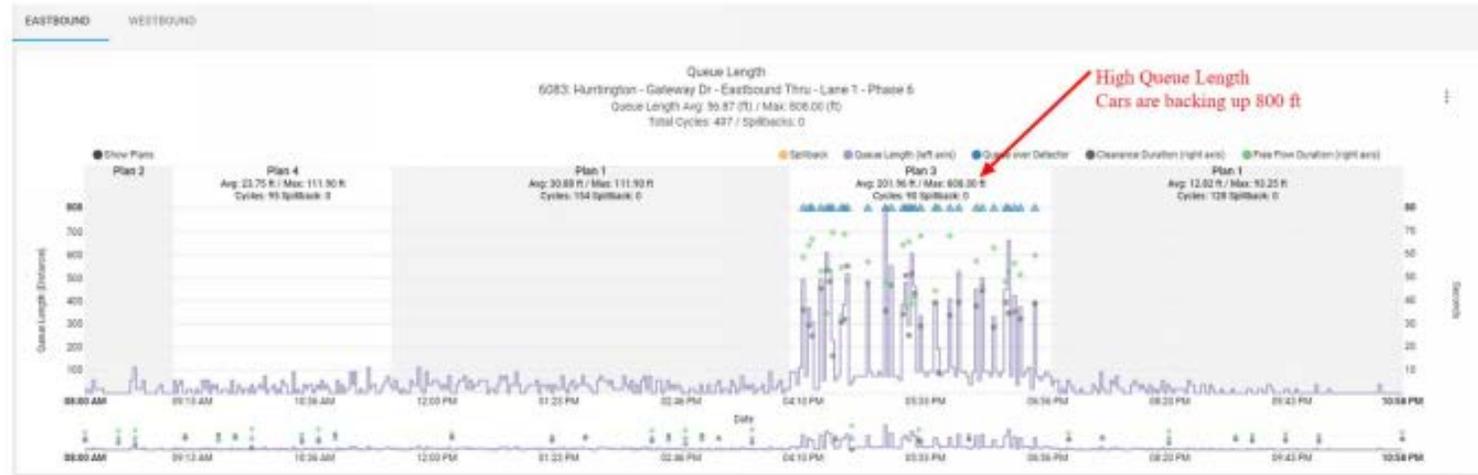


Figure 3: Queue length performance chart showing queue lengths reaching 800ft during Plan 3

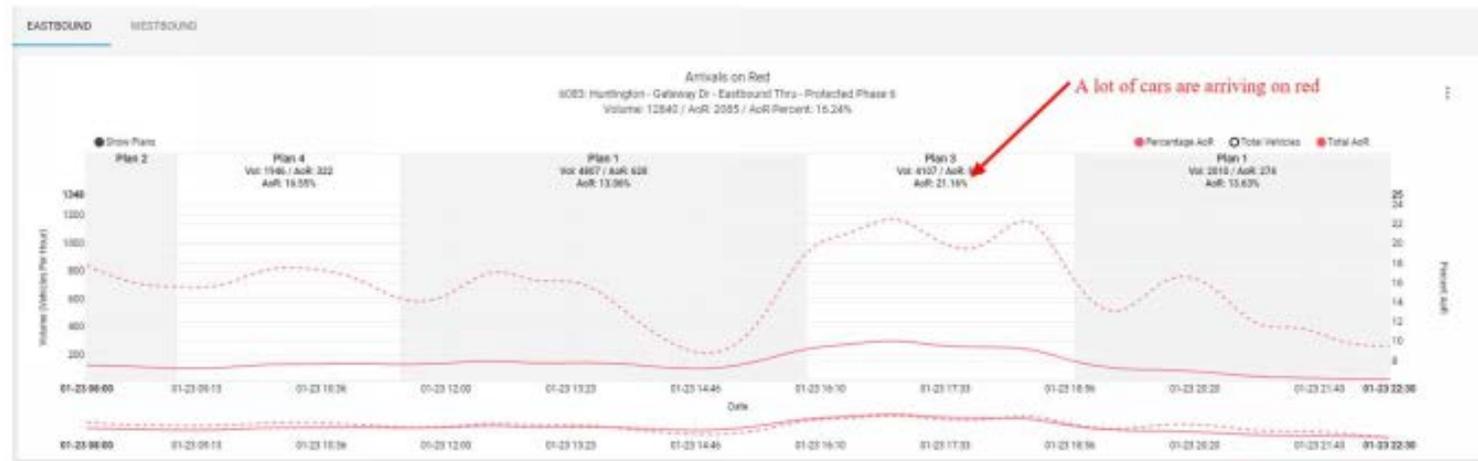


Figure 4: Arrival on Red chart showing a high percentage of cars arriving on red during Plan 3



Example Dashboard:

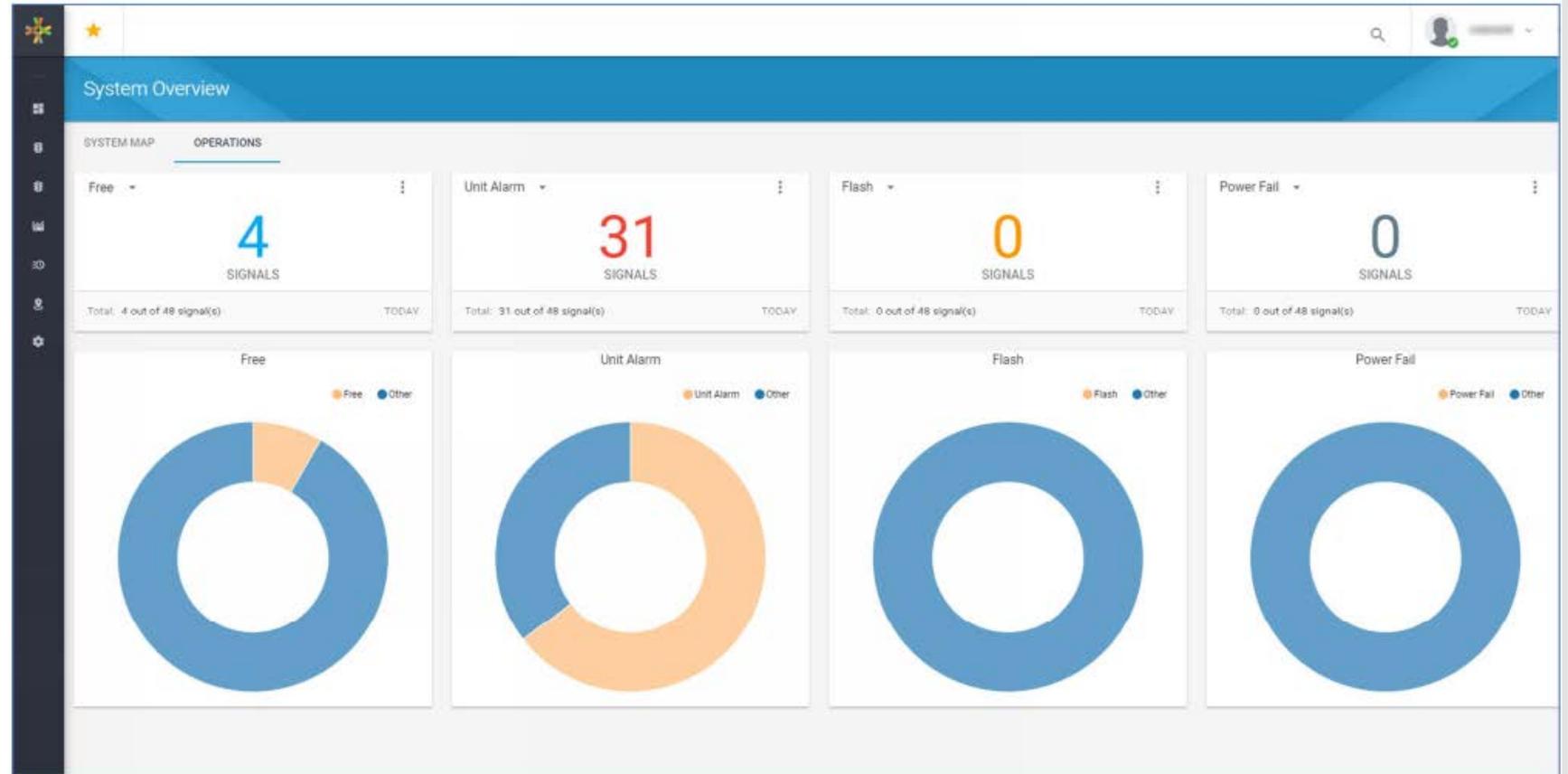


Figure 1 – System Overview Dashboard



Example Dashboard:

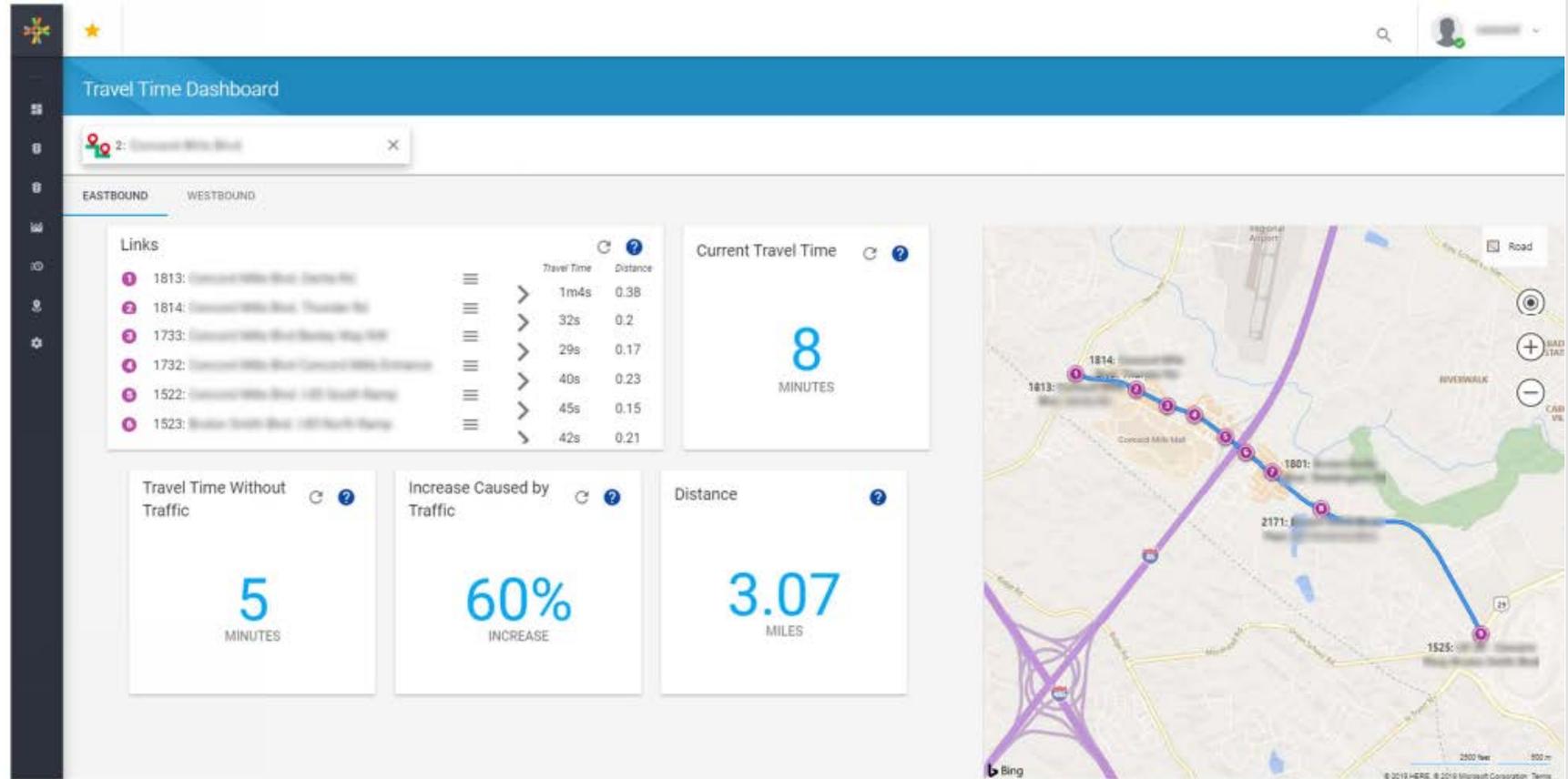


Figure 3 – Corridor Travel Time Dashboard



Example Dashboard:

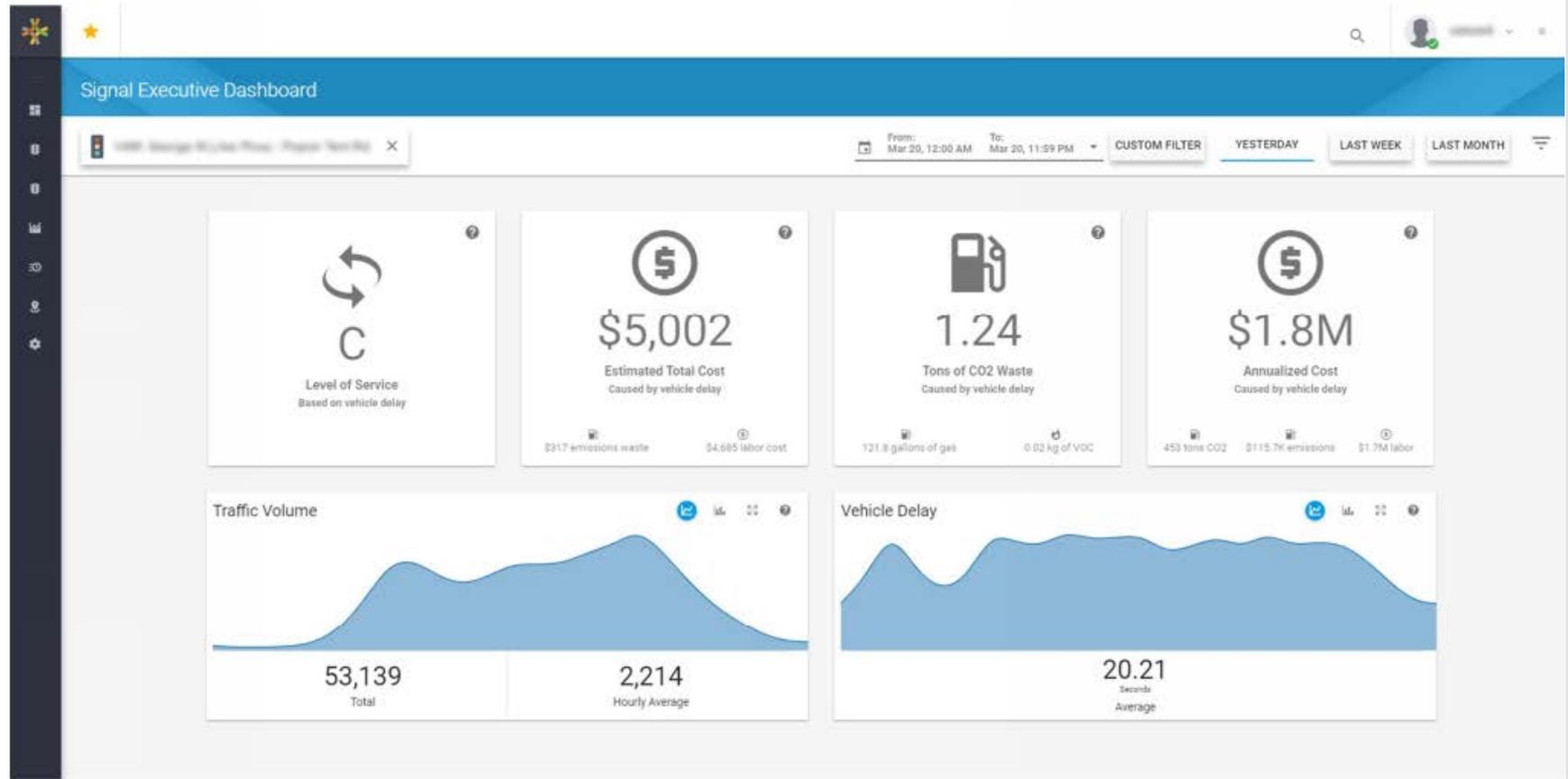
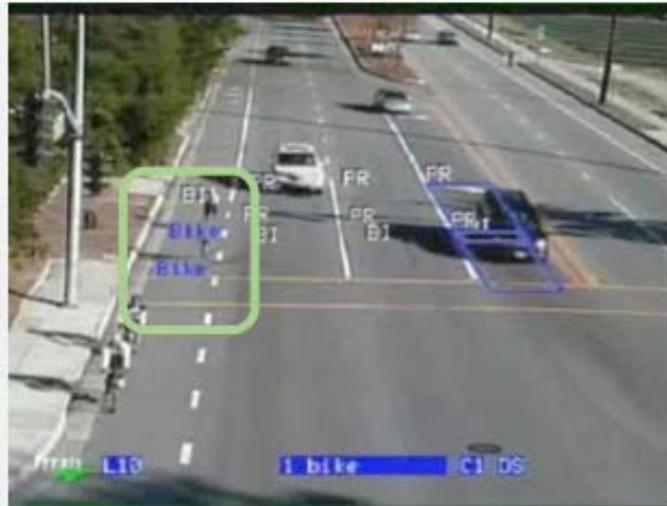


Figure 5 - Signal Executive Dashboard



Bicycle Detection System

Iteris, Inc.

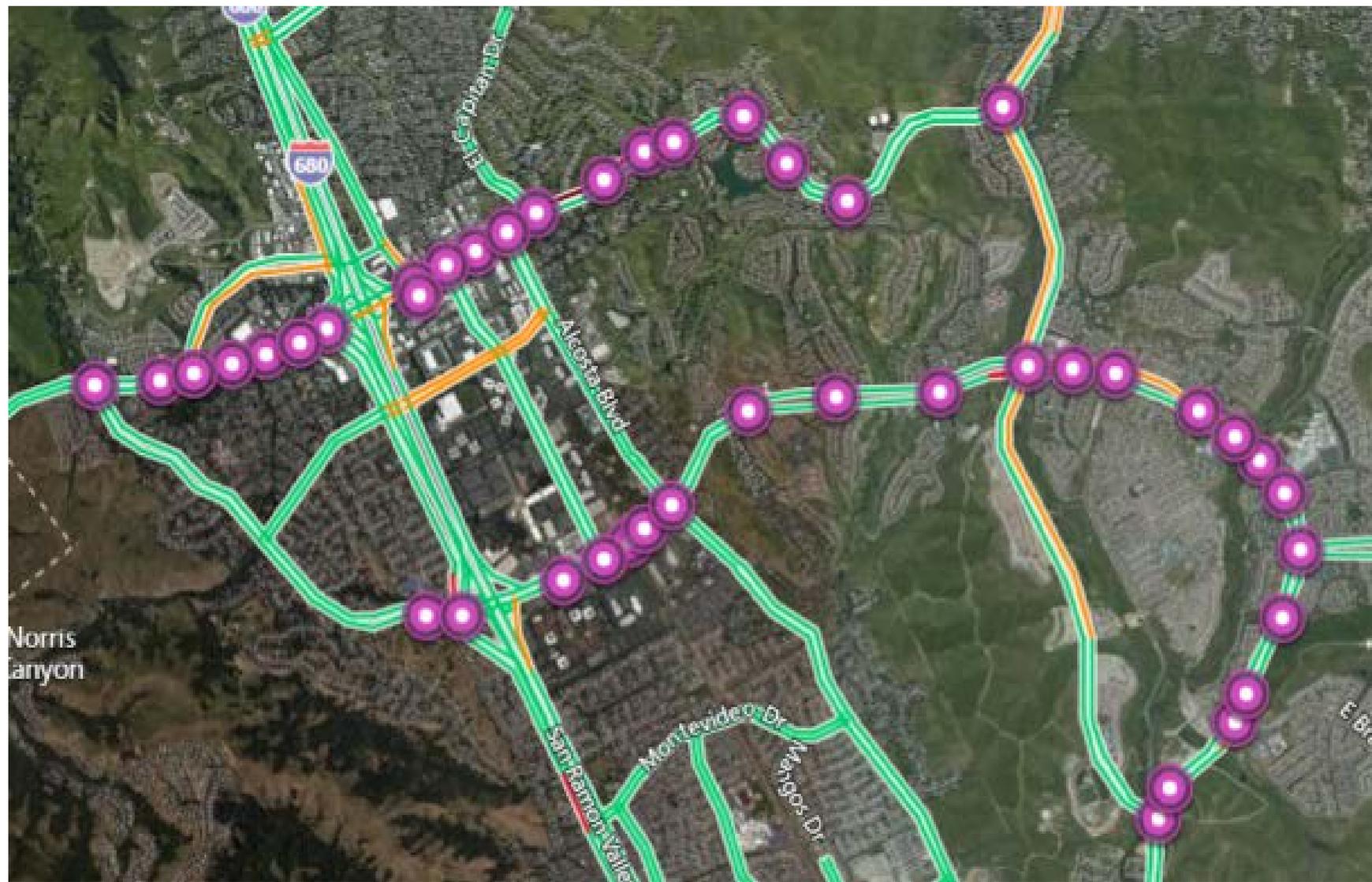


The Bottom Line



- Installation and implementation of bicycle detection cameras
- Continue setting up ATSPM System
- Training on Traffop's ATSPM Software
- Start optimizing signal timing





PUBLIC WORKS



PUBLIC WORKS
ENGINEERING SERVICES DIVISION
INTEROFFICE MEMORANDUM

DATE: October 15, 2020

TO: Transportation Advisory Committee

FROM: Robin Bartlett, District Engineer/Division Manager
By: Daniel Chavarria, Senior Civil Engineer

CC: Lisa Bobadilla, Transportation Division Manager

SUBJECT: Alcosta Boulevard Pavement Rehabilitation Project Update

The Alcosta Boulevard Pavement Rehabilitation Project, CIP 905602, was developed to provide pavement rehabilitation for Alcosta Boulevard, including the frontage street, between Veracruz Drive and Olympia Fields. The Project will include: base failure repairs; placement of asphalt concrete, slurry seal, and crack sealing; pavement grinding; placement of construction signage; traffic control measures; pavement reinforcing fabric, as needed; and concrete curbs, gutters, sidewalk, driveway, curb ramps, and edge drains. Finally, it will include adjustments of survey monuments and utility structures to grade; installation of new survey monuments; installation of pavement striping, markings, and markers; and installation of traffic signal detector loops, among other activities.

This Project is part of the project programming for the second round of the Federally-funded One Bay Area Grant Program (OBAG2). The total Project budget is \$5.08M. OBAG2 provides \$1.2M to the construction phase, with the remaining \$3.9M from local funds.

As with any other Federal aid Capital Improvement Project, the City is required to submit a request to proceed with construction, also known as E-76, to Caltrans Office of Local Assistance. The City must receive authorization to proceed from Caltrans prior to advertising the Project for bids. City staff anticipates submitting the request for the E-76 in October 2020.

The City's pavement design consultant, WRECO, is performing the design of this Project. The design will be substantially complete in October 2020 and submitted to Caltrans as part of the request for the E-76. Caltrans Office of Local Assistance will review the request and provide comments, if any. It is expected that Caltrans will authorize construction sometime between January and February 2021. The City plans to advertise the Project for bids in March 2021 with construction between June and September 2021. ADA curb ramp upgrades within the Project limits are expected to take place early in 2021 with the City's concrete contractor, JD Partners. Most of the work will be completed Monday – Friday during daytime hours to reduce impacts to traffic and the surrounding residents.

TRANSPORTATION ADVISORY COMMITTEE STAFF REPORT

DATE: October 15, 2020

TO: Transportation Advisory Committee

FROM: Lisa Bobadilla, Division Manager
By: Amy Sekhon, Office Specialist

SUBJECT: Request for Change to Committee Appointment Guidelines in the
Transportation Advisory Committee Bylaws



RECOMMENDATION

In order to increase efficiency and reduce redundancy in interviewing applicants for City Committees, staff recommends including a new guideline to the Bylaws of the Transportation Advisory Committee, as follows:

“In the event of a vacancy on the Committee, the person selected to fill the vacancy shall serve for the remainder of the unexpired term. If fewer than six months remain in the unexpired term, the City Council has the option of appointing a person to serve the remainder of the unexpired term or the unexpired term followed by a full term.”

BACKGROUND/DISCUSSION

The Transportation Advisory Committee (TAC) is comprised of seven members - six members of the San Ramon community and one representative from the Chamber of Commerce. The purpose of TAC is to provide input on the provision and delivery of transportation programs, services, and/or issues affecting the City of San Ramon.

The City Clerk administers the application process including recruitment for Committee vacancies. At this time, there is no provision in the bylaws that allows for an applicant appointed to fill a short-term vacancy to continue in that position beyond the end of the term. This creates a scenario where a vacant position is filled and that applicant has to reapply for the position within a few months.

The change proposed would allow the applicant to fill a vacant term of less than six months and continue to serve in that capacity for the new term without reapplying or re-interviewing.

This is a similar change that was made in 2016 concerning filling short-term Commission vacancies.

Changes to Committee Bylaws must be approved by the specific Committee and ratified by the City Council.

FISCAL ANALYSIS

This proposal has no fiscal impact on the City.

STEPS FOLLOWING APPROVAL

Once a consensus is reached at the Committee level, the changes will be forwarded to the City Council for approval.

TRANSPORTATION ADVISORY COMMITTEE STAFF REPORT

DATE: October 15, 2020

TO: Transportation Advisory Committee

FROM: Lisa Bobadilla, Division Manager
By: PJ Dhoot, Transportation Specialist



SUBJECT: Trevari Community Permit Parking Data Analysis Request

RECOMMENDATION

Staff recommends that the Transportation Advisory Committee (TAC) receive the informational report related to Permit Parking data collection for the Trevari Community and provide staff with feedback.

BACKGROUND

On August 10, 2020, residents of the Trevari Community requested the City review parking issues within their neighborhood. The request stated that residents of the neighboring Miravilla Townhome Community were parking within the Trevari Community raising concerns for Trevari residents, including:

1. Vehicles from the Miravilla Community are parking throughout the Trevari Community, leaving no parking for Trevari residents and visitors.
2. Vehicles from the Miravilla Community are speeding within the Trevari Community.
3. Pedestrian safety concerns with limited visibility at intersections and crosswalks due to vehicles parked at or within the curb ramps.
4. Difficulty placing garbage and recycling bins on the street for pick-up or having garbage and recycling bins moved to accommodate parking.

The Trevari Homeowners Association (HOA) invited City staff to participate in a virtual HOA meeting on September 9, 2020, to discuss the ongoing parking issues. During the meeting, the HOA formally requested that Permit Parking be implemented within the Trevari Community. Staff notified the Trevari HOA that the City would need to conduct a study to determine if Permit Parking is the ideal solution for the Trevari Community. A memo regarding this Permit Parking Request as presented to TAC at their September 17, 2020 meeting. The following information has been compiled as of the date of this report.

Trevari Community

The Trevari community consists of 84 single-family homes. Each home has a two-car garage and a two-car driveway. The roadways within the Trevari community are public streets.

Miravilla Community

The Miravilla community consists of 176 townhomes. Each townhome has a two-car garage. Of the 176 townhomes, only 36 have been constructed with a two-car driveway. There are 96 parking spaces within the Miravilla Community that are designated for “guest parking”. The roadways within the Miravilla Community are private streets.

Parking Requirements

Per the Conditions of Approval, Miravilla is required to provide 44 guest parking spaces.

DISCUSSION

Observations

Staff conducted a Parking Occupancy Study to determine the on-street parking occupancy in both neighborhoods and along Red Willow Road and the potential hours if Permit Parking is recommended. The observations were conducted on September 16, 2020 between the hours of 3:00 p.m. and 7:30 p.m. During the observations, staff counted vehicle occupancy every hour, for a total of five periods. Staff also conducted two spot checks on September 18, 2020 at 6:30 a.m. and September 19, 2020 at 2:00 p.m. The purpose of the spot checks was to compare the parking occupancy to ensure there was nothing significantly different that required further investigation. The Parking Study Data and Parking Zone Map are included as Attachments A and B.

During the observations, staff noted the following:

1. Parking within Zone 1 along Red Willow Road is first to be occupied.
2. Parking within Zone 2 along the Azalea Lane entry is second to be occupied.
3. Parking along Pearlgrass Lane, Fuchsia Lane, and the cul-de-sacs are third to be occupied.
4. Overflow parking has not been observed taking place within the Alta Mira Community.
5. Vehicles are parked for long periods of time without moving.
6. Vehicles have received citations for parking in the same location longer than 72 hours.
7. Drivers are parking in the Trevari Community and walking to the Miravilla Community.
8. Drivers parking in the Trevari Community were being picked up by other vehicles.
9. Drivers from the Miravilla Community are relocating commercial vehicles from the Miravilla “guest” parking spaces to Red Willow Road.

10. Illegal and creative parking was observed within the Trevari Community.

Police Department

The San Ramon Police Department (SRPD) has issued 57 citations over the past 24 months for parking violations, including:

1. Parking in front of a fire hydrant
2. Parking in a designated “No Parking” zone
3. Parking within 3’ of sidewalk access ramp
4. Improper parking along a curb
5. Expired vehicle registration

Permit Parking Principles

According to the City’s Residential Traffic Calming (RTC) Program policy, in order to implement Permit Parking on any public roadway in San Ramon, 75% of the households along the affected roadway(s) must support the restriction. Furthermore, once Permit Parking has been established, residents must manage parking through SRPD.

Permit Parking includes the following principles:

1. Each roadway within the Permit Parking Zone will be identified through “Permit Parking” signs and/or curbside stenciling.
2. Each household will be required to obtain “Resident Permits” from SRPD for every vehicle that is registered to the site address.
3. Each household will be provided with two (2) “Guest Permits” for use when guests park on public roadways within the Permit Parking Zone.
4. Additional “Guest Permits” can be obtained from SRPD for special events, but will require advance notice.
5. Any vehicle parked on public roadways within a Permit Parking Zone without a “Resident Permit” or “Guest Permit” will receive a citation from SRPD.

Permit Parking Petition

In accordance with the RTC policy, 75% of the residents within the Trevari Community must agree to the implementation of Permit Parking. This policy is in place to ensure that the solutions are agreed upon and accepted by the majority of residents through a transparent process.

The petition was submitted electronically to the 84 residences within the Trevari Community on October 5, 2020, with a due date of October 12, 2020 (Attachment D). The online petition outlines the basic procedures required to initiate and maintain the Permit Parking restriction within the Trevari Community and the commitment from residents. The petition results will be shared with TAC.

Miravilla Community

Staff obtained and researched the Declaration of Covenants, Conditions and Restrictions (CC&R's) for the Miravilla Community and determined the following:

- HOA regulations require all vehicles to park within their garage:

4.2 All units are equipped with a two-car garage. Garage shall be kept sufficiently clear so as to permit parking of the number of vehicles for which the garage was designed.

- HOA regulations require "Guest" parking to be exclusively reserved for visitors:

4.5 Guests may park in "guest parking": three (3) times in any calendar month period. Vehicles that exceed three (3) times in any calendar month will receive a warning notice on the second and third time. The final notice will be issued on the third day. If said vehicle is found parked within any guest parking space within the Miravilla Community, after the final notice, the vehicle will be towed out the community, without further notification, at the vehicles owner's expense.

In an effort to enforce the CC&Rs, the HOA's management company implemented a Tow Policy because they observed a number of Miravilla residents parking their vehicles in "Guest" parking spaces. Unfortunately, the Tow Policy forced additional vehicles into the Trevari Community as Miravilla residents avoided having their vehicles towed. However, during the County Shelter-in-Place Order, the Miravilla HOA put in place a temporary hold on "Guest" parking spaces and allowed residents to park in these spaces. This restriction was waived from March 16 through June 1, 2020. Staff learned from Trevari residents that there were significantly less vehicles parked on the street within the Trevari Community during this time. Based on this information, staff has requested that the Miravilla HOA consider revising their "Guest" parking policy to accommodate their residents. This meeting has not yet been scheduled.

Community Meeting

Trevari homeowners have been invited to attend the October TAC meeting to receive an update on data gathered and to provide input and feedback to TAC.

NEXT STEPS

1. Confer with Miravilla HOA to provide update on Permit Parking petition.
2. Send Trevari HOA a summary of the TAC meeting, results of the Permit Parking petition, and next steps.
3. Develop recommendation(s) for TAC to consider at the November 19, 2020 meeting.

4. If appropriate, schedule a public hearing with the City Council to consider Permit Parking.

ATTACHMENTS

- A. Parking Data Study
- B. Parking Zone Map
- C. Aerial Map
- D. Trevari Online Petition
- E. Trevari Permit Parking Request PowerPoint Presentation

Trevari Permit Parking Observations

Zones	Number of Spaces	16-Sep-20										18-Sep-20		19-Sep-20	
		3:00PM		4:00PM		5:00PM		6:00PM		7:00PM		6:30AM		2:00PM	
		Spaces Occupied	% Occupied												
Zone 1	31	26	84%	27	87%	27	87%	31	100%	31	100%	28	90%	28	90%
Zone 2	9	7	78%	7	78%	8	89%	9	100%	9	100%	6	67%	9	100%
Zone 3	11	4	36%	4	36%	4	36%	4	36%	8	73%	9	82%	6	55%
Zone 4 *	8	5	63%	5	63%	6	75%	6	75%	7	88%	9	113%	10	125%
Zone 5	4	3	75%	4	100%	4	100%	4	100%	4	100%	4	100%	4	100%
Zone 6	13	10	77%	10	77%	10	77%	10	77%	13	100%	10	77%	4	30
Zone 7	3	1	33%	1	33%	3	100%	3	100%	3	100%	2	67%	2	66%
Total Zones 1-7	79	56	71%	58	73%	62	78%	67	85%	75	95%	68	86%	63	80%
Zone 8	95	38	40%	36	38%	42	44%	40	42%	41	43%	50	53%	60	63%

* On September 18 and 19, there were 4 vehicles parked perpendicular in the cul de sac where 2 vehicles would park parallel to the curb.

** See corresponding Zone Map for information regarding roadways included in each zone.



Permit Parking Observations Zone Map

Zone 1: Red Willow Road (Fuchsia Lane to Azalea Lane)

Zone 2: Azalea Lane (entry only)

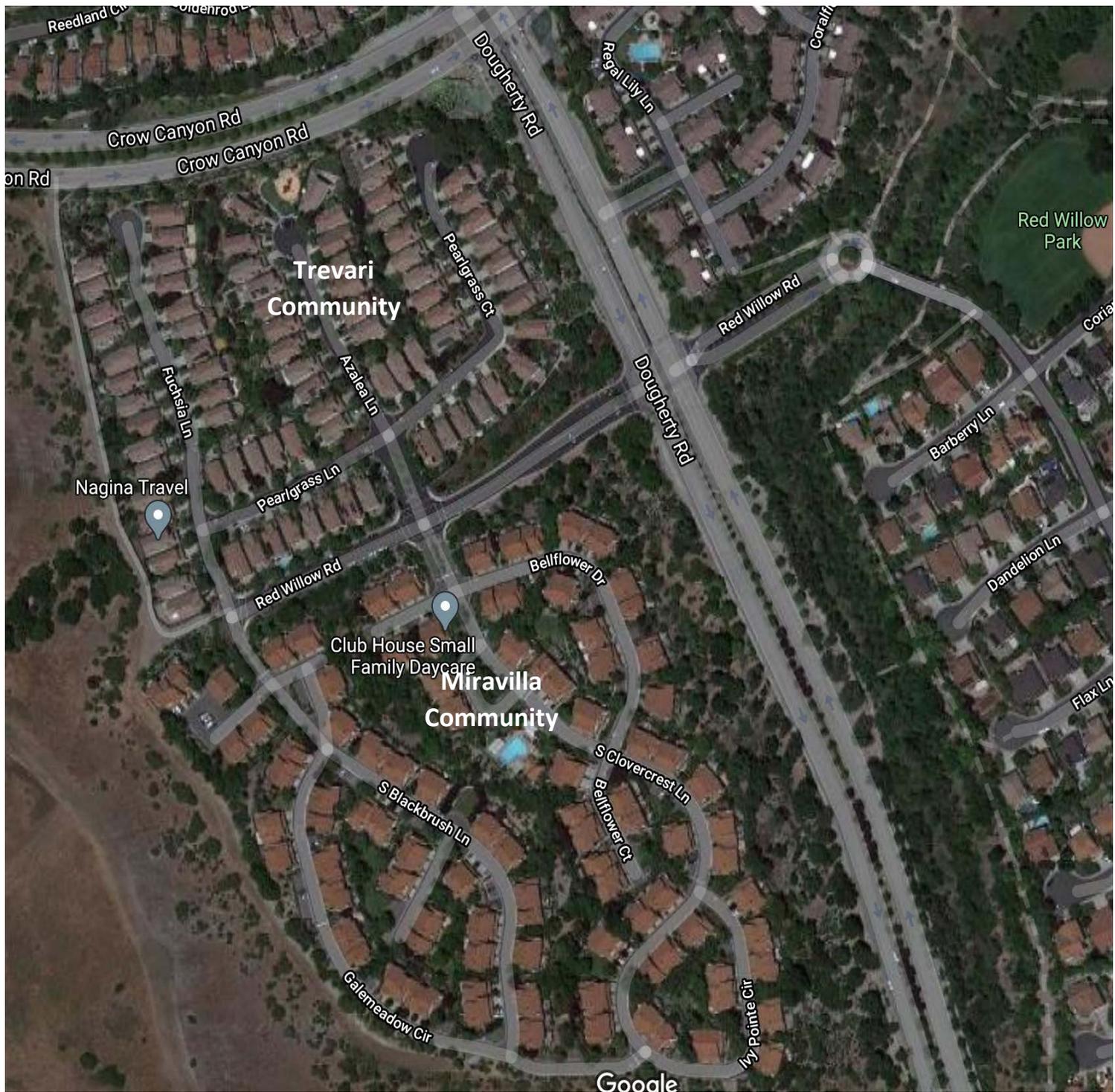
Zone 3: Pearlgrass Lane and Court (east of Azalea Lane)

Zone 4: Azalea Lane (north of Pearlgrass Lane)

Zone 5: Pearlgrass Lane (Fuchsia Lane to Azalea Lane)

Zone 6: Fuchsia Lane (north of Pearlgrass Lane)

Zone 7: Fuchsia Lane (Pearlgrass Lane to Red Willow Road)



Trevari Permit
 Parking Request
 Aerial Map

CITY OF SAN RAMON
 Transportation Services Division
 2401 Crow Canyon Road, San Ramon, CA 94583

N

ATTACHMENT A

October 5, 2020

Trevari Community - Permit Parking Petition

The City of San Ramon has received a request from the Trevari Homeowner’s Association (HOA) to address overflow parking in the community from the Miravilla community by implementing Permit Parking. In order to implement Permit Parking, 75% of the households from Trevari Community must sign this petition in favor of the measure. Signing the petition; however, does not guarantee Permit Parking. Ultimately, the San Ramon City Council will consider approval of Permit Parking. If approved, Permit Parking requires residents to coordinate all components of Permit Parking through the San Ramon Police Department. Permit Parking includes the following basic principles:

1. The roadways that will be deemed “Permit Parking” include: Azalea Lane, Fuchsia Lane, Pearlgrass Lane and Pearlgrass Court.
2. Each roadway will have “Permit Parking” signs installed.
3. Each household will be required to obtain “Resident Permits” from the for all vehicles that are registered to the Trevari address.
4. Each household will be provided with two (2) “Guest Permits” for use when guests park on public roadways within Trevari.
5. Additional “Guest Permits” can be obtained from the SRPD for special events, but will require advance notice.
6. Any vehicle parked on public roadways within Trevari without a “Resident Permit” or “Guest Permit” will receive a citation from the SRPD.

The results of the Permit Parking survey and next steps will be presented at the October 15, 2020, Transportation Advisory Committee (TAC). A Zoom link will be sent to the Trevari HOA, which they will distribute to Trevari residents, so that residents may participate in the Zoom meeting. If the 75% petition criteria is met, then the TAC may forward a recommendation to the City Council to establish Permit Parking for the Trevari community.

Please complete the Permit Parking Survey. The last day to submit this form is **Monday, October 12, 2020. Only one submittal per household**

If you have questions, please contact City of San Ramon staff, PJ Dhoot at 925-973-2656 or email pdhoot@sanramon.ca.gov. Thank you.

Trevari Permit Parking Petition

1. I, (fill in name) have read and understand the Permit Parking Principles. YES NO
2. I am in support of Permit Parking: YES NO

Name:

Address:

Email Address:

Comments:

Permit Parking Request Trevari Community

Transportation Advisory Committee

Meeting Date: October 15, 2020

Background

- Request received from Trevari Homeowners Association (HOA) to establish Permit Parking along the roadways within the community to address overflow parking from the neighboring Miravilla Townhome Community.
- Concerns include:
 - Lack of parking for residents and guests
 - Speeding
 - Pedestrian safety
 - Lack of space for garbage bins

Background

- Trevari:
 - 84 single-family homes
 - 2-car garage and 2-car driveway
 - Public roadways
- Miravilla:
 - 176 townhomes
 - 2-car garage with no driveway (except 36 homes)
 - 95 guest parking spaces
 - Private roadways

Observations

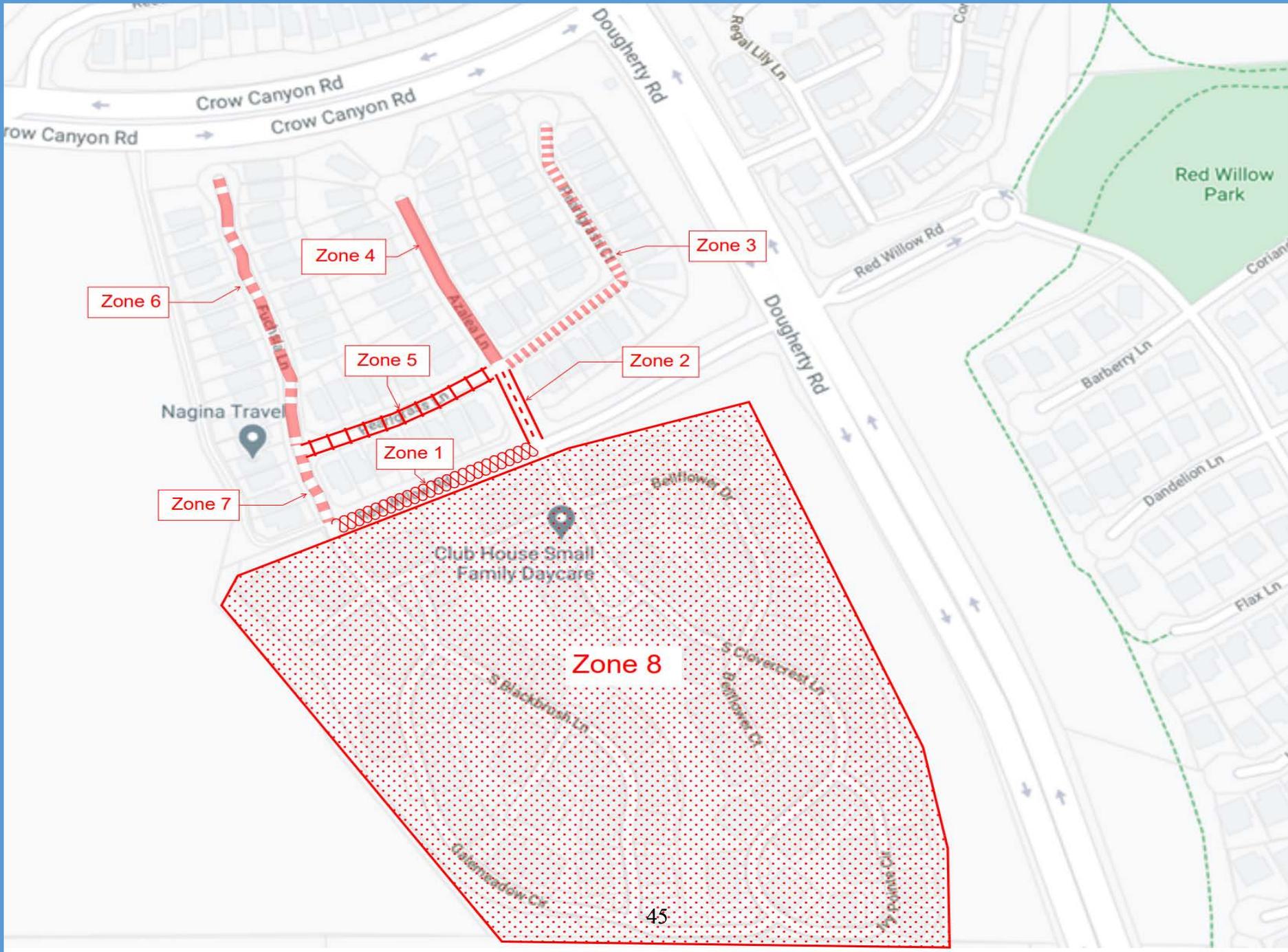
- Parking Occupancy Study conducted on:
 - September 16th
 - 3:00 p.m. – 7:30 p.m.
 - Occupancy counts taken every hour, on the hour, for five consecutive periods
 - 3:00 p.m., 4:00 p.m., 5:00 p.m., 6:00 p.m., 7:00 p.m.
 - Spot checks conducted on September 18th at 6:30 a.m. and September 19th at 2:00 p.m.

Observations

Zones	Number of Spaces	16-Sep-20										18-Sep-20		19-Sep-20	
		3:00PM		4:00PM		5:00PM		6:00PM		7:00PM		6:30AM		2:00PM	
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Zone 8	95	38	40%	36	38%	42	44%	40	42%	41	43%	50	53%	60	63%

* On September 18 and 19, there were 4 vehicles parked perpendicular in the cul de sac where 2 vehicles would park parallel to the curb.





Observations

- Parking within Zone 1 along Red Willow Road is first to be occupied.
- Parking within Zone 2 along the Azalea Lane entry is second to be occupied.
- Parking along Pearlgrass Lane, Fuchsia Lane, and the cul-de-sacs are third to be occupied.
- Overflow parking had not been observed taking place within the Alta Mira Community.

Observations

- Vehicles are parked for long periods of time without moving.
- Drivers park in the Trevari Community then walk to the Miravilla Community.
- Drivers park in the Trevari Community and are being picked up by another vehicle.
- Drivers from the Miravilla Community relocate commercial vehicles from the Miravilla “guest” parking spaces to Red Willow Road.
- Illegal and creative parking is occurring within the Trevari Community.

Police Enforcement Efforts

- The Police Department has issued 57 citations over the past 24 months for parking violations, including:
 - Parking for longer than 72 hours
 - Parking in front of a fire hydrant
 - Parking in a designated “No Parking” zone
 - Parking within 3’ of sidewalk access ramp
 - Improper parking along a curb
 - Expired vehicle registration

Permit Parking Principles

- Each roadway within the Permit Parking Zone will be identified through “Permit Parking” signs.
- Each household will be required to obtain “Resident Permits” from SRPD for every vehicle that is registered to the site address.
- Each household will be provided with two (2) “Guest Permits” for use when guests park on public roadways within the Permit Parking Zone.

Permit Parking Principles

- Additional “Guest Permits” can be obtained from SRPD for special events and will require advance notice.
- Any vehicle parked on public streets within a Permit Parking Zone without a “Resident Permit” or “Guest Permit” will receive a citation from SRPD.

Permit Parking Petition

- RTC policy requires that 75% of households be in favor of Permit Parking to move measure forward.
- Online petition submitted on October 5th using Google Doc; the link was sent to the HOA for email distribution.
- Petition closing date - October 12th.
- Results to be shared at TAC meeting.

Miravilla Community

- Staff reviewed Conditions, Covenants, and Restrictions
 - Parking Policy and Tow Policy
- Conditions of Approval:
 - 44 on-site guest spaces required, 95 provided
 - 44 on-site resident parking spaces (common parking bays) required, 0 provided

Next Steps

- Return to November TAC meeting with recommendations and next steps

Red Willow Road



Wednesday, 9/16 at 3:00 p.m. traveling eastbound

Azalea Lane Entry Pictures



Wednesday, 9/16 at 3:00 p.m.



Wednesday, 9/16 at 4:00 p.m.



Wednesday, 9/16 at 6:00 p.m.

Azalea Lane Entry Pictures



Azalea Lane Pictures



Friday, 9/18 at 6:30 a.m.



Friday, 9/18 at 6:30 a.m.

Pearlgrass Lane Pictures

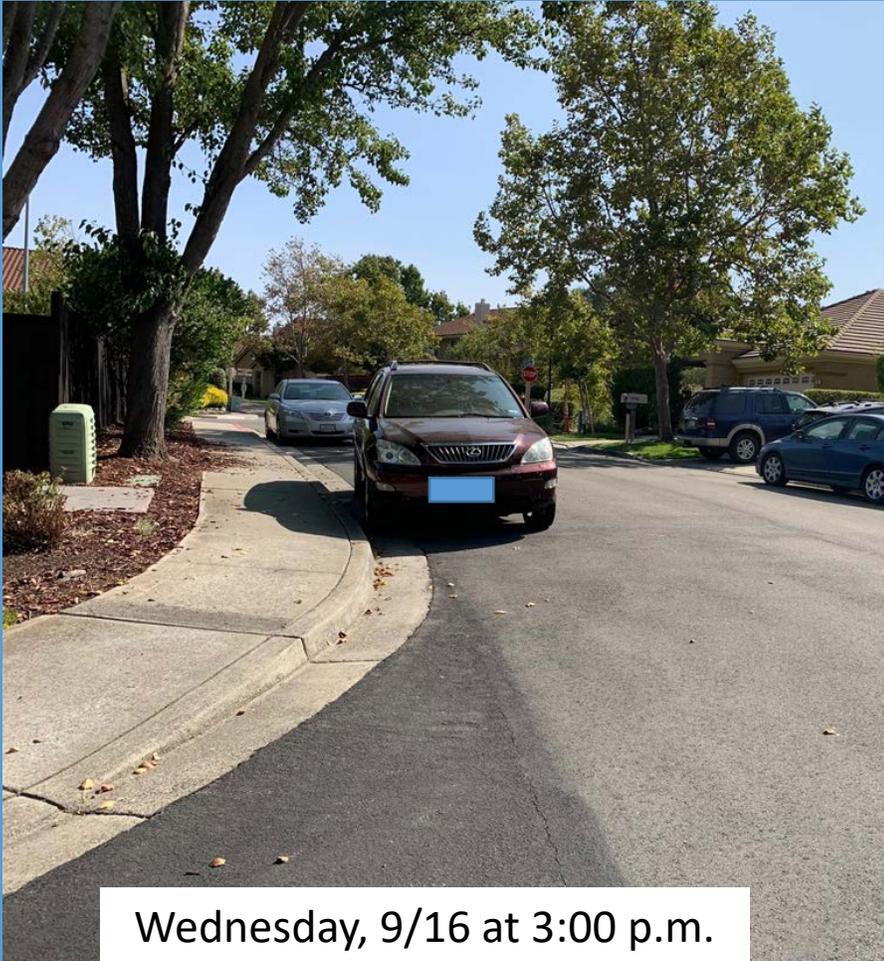


Pearlgrass Court Pictures



Friday, 9/18 at 6:30 a.m.

Fuchsia Lane Pictures



Miravilla Pictures



Wednesday, 9/16 at 3:00 p.m.

Miravilla Pictures



Questions

San Ramon

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Public Works Department

**Transportation Advisory Committee
Residential Traffic Calming (RTC) Program
Update on Active Streets
October 15, 2020**

Project Street	Laramie Avenue (between Davona Drive and Ashby Way)
Request	<ul style="list-style-type: none"> • Address speeding on Laramie Avenue at all hours of the day.
Development:	<ul style="list-style-type: none"> • Staff has initiated RTC Phase I, which includes deployment of the radar trailer and selective Police enforcement. • Radar sign data: <ul style="list-style-type: none"> ○ ADT: 526 ○ Average Speed: 20.7 MPH ○ 85th Percentile Speed: 30.1 MPH
Next Steps:	<ul style="list-style-type: none"> • Once data from the Selective Police Enforcement has been compiled, staff will analyze next steps, if any.



Project Street	Gardenia Street (between Malayan Street and Goldenbay Avenue)
Request	<ul style="list-style-type: none"> Address speeding on Gardenia Street at all hours of the day, including speeding by delivery and service vehicles.
Development:	<ul style="list-style-type: none"> Staff has initiated RTC Phase I, which includes deployment of the radar trailer and Selective Police Enforcement.
Next Steps:	<ul style="list-style-type: none"> Once data from the Phase I efforts has been gathered, staff will analyze next steps, if any.



Radar Sign Data for September 2020

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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ADT = Average daily traffic volume.

85th percentile = The speed at which 85% of the vehicles are traveling at or below.

Unless otherwise noted, the posted speed limit is 25 miles per hour (MPH).

* Data is only reported for Northbound Dougherty Road as there was an issue with the radar sign posted in the southbound direction. Staff will provide an update at the TAC meeting.

		1	2	3	4	
	Alcosta Boulevard near Brockton Avenue (Posted Speed Limit 35 MPH) ADT: 4,911 Average Speed: 31 MPH 85th % Speed: 40 MPH					
6	7	8	9	10	11	12
	Deerwood Road (Posted Speed Limit 40 MPH) ADT: 2,718 Average Speed: 34 MPH 85th % Speed: 48 MPH					
13	14	15	16	17	18	19
	Gardenia Street ADT: 92 Average Speed: 12 MPH 85th% Speed: 24 MPH					
20	21	22	23	24	25	26
	Northbound Dougherty Road near Tulipwood Drive* (Posted Speed Limit 50 MPH) ADT: 2,023 Average Speed: 41 MPH 85th% Speed: 56 MPH					
27	28	29	30	31		

Radar Sign Schedule for October 2020

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
	Northbound Dexter Place					
	Southbound Dexter Place					
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31