



# Mobility and Transportation Infrastructure Commission Agenda Report

ITEM NO. 4

**DATE:** September 19, 2023

**FROM:** H. Ted Gerber, Director of Public Works  
David Peña, Transportation Program Manager

**SUBJECT:** Project Status Update

### Recommendation

It is recommended that the Commission receive and file an update on the status of projects related to the City’s mobility and transportation infrastructure.

### Information

Public Works projects are generally divided into two areas: (1) Capital Improvement Program (CIP) projects and (2) routine or special Operations & Maintenance (O&M) projects. Ongoing or planned projects related to mobility and transportation infrastructure in both of these areas, along with their recent status, are listed in the tables below.

Capital Improvement Program (CIP) Projects	Project Status
<p>Mission and Fremont Rectangular Rapid Flashing Beacons</p> <p><i>Budget: Highway Safety Improvement Program (HSIP) \$238,465, Measure M Local Return \$26,497</i></p>	<p><u>Updated Status</u> <i>Staff working to release bid with an update from the design consultant.</i></p> <p>This project installs Rectangular Rapid Flashing Beacons (RRFBs) at Fremont Avenue and Lyndon Street, Mission Street and Diamond Avenue, and Mission Street and Fairview Avenue.</p> <p>The design consultant has provided a scope and fee to implement the necessary updates to the bid package – a contract is in the process of being executed, with the negotiation of terms and conditions now complete.</p>
<p>Street Improvements</p> <p><i>Budget: General Fund \$298,445, Proposition C \$300,000, Gas Tax \$200,000, Measure R Local Return \$300,000, Measure M Local Return \$177,565, SB1 \$585,093, Bike &amp; Pedestrian \$25,000</i></p> <p><i>Total 3,886,103</i></p>	<p><u>Updated Status</u> <i>Design Consultant and Project Management Consultant working to release first bid package. Staff and Project Management Consultant.</i></p> <p>The first of several bid packages to be released this fiscal year will include reconstruction projects along Monterey Road from Pasadena Avenue to the West City Limit, Alta Vista Avenue from Indiana Avenue to Oak Crest Avenue, Forest Avenue from Mission Street to the End of the Street, and Sterling Place from Floral Park Terrace of the End of the Street. Staff will review the remaining streets to be reconstructed and resurfaced with the Commission in a future meeting. A map showing the initial proposal for the future street program area configuration (Attachment 1) is being presented at this 9/19 Commission meeting.</p>

Capital Improvement Program (CIP) Projects	Project Status
<p>Measure M Project Funding Requests</p>	<p><b><u>No Significant Update</u></b>  <i>New projects to be considered in FY 23-24.</i></p> <p>The Commission will review new proposed projects in FY 23-24 to submit for the 2024 project request cycle.</p>
<p>Grevelia Street and Fair Oaks Avenue Measure M Project</p> <p><i>Budget: Measure M MSP \$200,000</i></p>	<p><b><u>Updated Status</u></b>  <i>Scope of work begin drafted, Funding Agreement to be executed.</i></p> <p>Staff are working with a Metro representative to file the documents necessary in order to execute a funding agreement (MM5506.06). Staff met with Caltrans to discuss requirements related to the lane changes recommended at the SR-110 freeway exit. Staff is drafting a scope of work that will be used as part of the Funding Agreement with Metro.</p>
<p>Orange Grove Avenue Widening from Oliver Street to Arroyo Seco Park</p> <p><i>Budget: Measure M MSP \$500,000</i></p>	<p><b><u>Updated Status</u></b>  <i>Funding Agreement to be executed.</i></p> <p>Staff are working with a Metro representative to file the documents necessary in order to execute a funding agreement (MM5506.08). Upon approving the funding submittal, City Council directed staff to explore the feasibility of alternatives to the widening. A document provided during the Public Comments during the August 15, 2023 meeting related to this item is included as Attachment 2.</p>
<p>Pedestrian Crossing Devices</p> <p><i>Budget: Measure M MSP \$322,624</i></p>	<p><b><u>New Project</u></b>  <i>Funding Agreement to be executed.</i></p> <p>Staff are working with a Metro representative to file the documents necessary in order to execute a funding agreement (MM4101.11). Staff is drafting a scope of work that will be used as part of the Funding Agreement with Metro. MTIC recommended crossing locations and will prioritize three intersections Fair Oaks/Spruce, Meridian/Bank, and Grevelia/Park.</p>
<p>Columbia Street Striping &amp; Signal Improvements</p> <p><i>Budget: Measure M MSP \$300,000</i></p>	<p><b><u>No Significant Update</u></b>  <i>\$9.9M in Measure R Mobility Improvement Project (MIP) Funds were approved by Metro and Pasadena City Council included the project in the City CIP.</i></p> <p>On May 8, 2023 the City of Pasadena's Council determined Pasadena's funded project to be in conformance with the City's General Plan. City staff will work with Pasadena DOT to determine the next steps to move this project forward. Staff are working with a Metro representative to file the documents necessary in order to execute South Pasadena's Measure M MSP funding agreement (MM5506.07).</p>

Capital Improvement Program (CIP) Projects	Project Status
<p>Garfield Avenue and Monterey Road Traffic Signal</p>	<p><b><u>No Significant Update</u></b>  <i>Staff to conduct feasibility work.</i></p> <p>Staff plan to conduct the necessary warrant analysis of the signal in order to fulfill the feasibility requirements of the funding source, before resubmitting the project to Metro.</p>
<p>Fremont/Huntington Mobility Active Transportation &amp; Mobility Improvement Projects</p> <p><i>Budget: Measure M MAT \$6M, Measure M MIP \$10M</i></p>	<p><b><u>Updated Status</u></b>  <i>Near-term improvements continue. The planning and community charrette process is starting next week on September 25, 2023.</i></p> <p>Staff has been meeting with residents along Huntington and Fremont, as well as adjacent neighborhoods, to discuss project status and next steps. Staff and the CM's office recently distributed outreach material to stakeholders and residents. Staff also secured the Library Community room, and is coordinating equipment and supplies for the first week. Documents, studies and reports were supplied to the consultant for further review. The scope of the task order is to conduct the first phase of the planning process, including a comprehensive multi-day charrette for the three corridors: Fremont Avenue, Huntington Drive, and Fair Oaks Avenue. In addition, a number of near-term improvements have been completed by staff including markings and installation of traffic calming devices.</p>
<p>City of Pasadena 'Stub' Relinquishment / Transitional Project Development &amp; City of Alhambra I-10 Modifications</p>	<p><b><u>Updated Status</u></b>  <i>Discussion with Alhambra and Pasadena.</i></p> <p>South Pasadena, Pasadena, and Alhambra staff held an initial discussion, and are scheduling follow up meetings. The City of Alhambra approved a Measure R funding agreement with Metro for the Fremont Ramp and Interchange Improvements. Staff provided an update to Council on the status of the Pasadena re-visioning process and the 'Advancing Alhambra' projects. On Monday, 9/11, Pasadena Council considered a contract for strategic planning and project management services for the relinquished 710 stub area. City Manager team also made a presentation to Council regarding the status of the project.</p>

Capital Improvement Program (CIP) Projects	Project Status
<p>Sidewalks Replacement &amp; ADA Ramps Upgrades</p> <p><i>Budget: TBD</i></p>	<p><u>Updated Status</u>  <i>Project is being expanded to include more locations.</i></p> <p>Staff met with the Los Angeles County Development Authority Community Development Division to ensure the funding requirements are met and to program funding for the next fiscal years. The outcome of the meeting was direction to expand the scope of the project to expend more funding in Fiscal Year 2023-2024. Staff are proposing to include improvements at these locations:</p> <ul style="list-style-type: none"> <li>• Amberwood at Raymondale (North &amp; South)</li> <li>• Amberwood at Mockingbird</li> <li>• Oxley at Fairview</li> </ul>
<p>North-South Corridor Intelligent Transportation Systems (ITS) Deployment Project</p> <p><i>Budget: \$9M Rogan Funds, \$1.4 General Fund</i></p>	<p><u>Updated Status</u>  <i>Caltrans signed off on the Preliminary Environment Study (PES) awaiting feedback on completed Preliminary Environmental.</i></p> <p>Staff submitted the completed Preliminary Environmental Study to Caltrans' Division of Environmental Analysis and received a signed copy. Caltrans requested an Air Quality Study and Cultural Resource Report. The Consultant KOA prepared the Air Quality Report, APE Narrative and Map. Staff is reviewing the documents the consultant prepared. Staff are also reviewing the feedback from the public outreach meeting for consideration into the project's direction, and will discuss these updates with the Commission at a future meeting.</p>
<p>Farmer's Market Bollard System</p>	<p><u>No Significant Update</u>  <i>Potential grant funding opportunity identified.</i></p> <p>This future proposed project is listed in the 5-Year Capital Improvement Program (CIP). Staff is currently exploring an available funding opportunity for this project. The project is scheduled for implementation in Fiscal Year 2024-2025.</p>
<p>Fair Oaks SR-110 Interchange Loop/Hook On-Ramp</p> <p><i>Budget: Measure M MIP \$70 Million</i></p>	<p><u>Updated Status</u>  <i>Alternative study scope developed. The item was being presented to the Commission on 8/15.</i></p> <p>A professional services on-call consultant has developed a scope of work to complete the Project Approval and Environmental Document (PA/ED) project phase. Staff presented this item at the August 15, 2023 meeting, and recommended the consultant and City staff will coordinate a meeting with Metro and Caltrans to discuss near-term study work and the use of Measure R Mobility Improvement Project (MIP) funding. The Commission provided comments on the scope of work which staff will provide to the consultant.</p>

Capital Improvement Program (CIP) Projects	Project Status
<p>Fair Oaks SR-110 Interchange Loop/Hook Grevelia Off-Ramp</p> <p><i>Budget: See above</i></p>	<p><u>Updated Status</u>  <i>Alternative study scope being developed.</i></p> <p>See above "Fair Oaks SR-110 Interchange Loop/Hook On-Ramp" status.</p>
<p>Highway Safety Improvement Program (HSIP) Cycle 11 Projects</p> <p><i>Budget: TBD</i></p>	<p><u>No Significant Update</u>  <i>Recently awarded grant funding.</i></p> <p>On March 9, 2023, South Pasadena was awarded over \$500,000 in HSIP funding for four (4) projects submitted in Fall 2022 related to street lighting, bike lanes, and pedestrian crossing improvements at multiple locations:</p> <p>The intersection of Monterey Road and Fremont Avenue and the intersection of Fair Oaks Avenue and Grevelia Street south of the 110 Freeway on and off-ramps to improve traffic signal timing and hardware, add intersection lighting (\$32,350).</p> <p>The intersection of Fremont Avenue and Huntington Drive for the addition of bike lanes, installation of pedestrian countdown signals, and addition of lighting (\$50,040).</p> <p>Fremont Avenue from Columbia Street to Monterey Road to add street lighting, install flashing beacons at stop-controlled intersection, install curve advance warning signs (\$277,110).</p> <p>Huntington Drive from Lemman Street to Maple Street to install bike lanes, and add street lighting (\$181,260).</p> <p>These HSIP projects will be coordinated with the Fremont/Huntington Mobility Active Transportation &amp; Mobility Improvement Projects.</p>
Operations & Maintenance (O&M) Projects	Project Status
<p>2023-2024 Slow Streets &amp; Open Streets Program</p> <p><i>Budget: General Fund \$150,000            SGVCOG Grant: \$45,000</i></p>	<p><u>Updated Status</u>  <i>Consultant team is preparing the first pilot parklet installation which will be reviewed by Cultural Heritage Commission. Residential installation is complete.</i></p> <p>An initial 'pilot' parklet will be installed ahead of the street design and equipment roll-out in front of Jones Coffee Roasters. The proposed design of this parklet is being presented at this 9/19 Commission Meeting and at the 9/21 Cultural Heritage Commission Meeting. Mission Street reconfiguration is being presented to the Commission for recommendation at this 9/19 meeting.</p>

Operations & Maintenance (O&M) Projects	Project Status
<p>Neighborhood Traffic Management Program (NTMP) Implementation</p>	<p><b><u>No Significant Update</u></b>  <i>Software workflow development underway. City Council approval of the amended software contract is required.</i></p> <p>Staff are working with the contracted software system designer to implement the NTMP online processing forms. The implementation requires a contract amendment to the software development agreement, which is expected to be before Council for approval in August. While the implementation is underway, staff continue to receive and process requests from the community related to neighborhood traffic management.</p>
<p>Ramona Avenue, Oak Street, Rollin Street, &amp; Fremont Avenue Traffic Management</p>	<p><b><u>Updated Status</u></b>  <i>Drop-off and Pick-Up 5-minute zone was installed at the end of August 2023.</i></p> <p>Public Works staff engaged with the City Manager's Office staff to facilitate the distribution of outreach material to parents/students through the School District; a flyer was developed identifying the new drop-off and pick-up zone. Staff also coordinated with the School District and Parent-Teacher Association to distribute the flyer. The necessary signage and curb painting were installed. In addition, Public Works staff and Community Development staff are working out the process to address community concerns related to traffic issues in this area.</p>
<p>Meridian Avenue Traffic Management &amp; Safety Measures</p>	<p><b><u>No Significant Update</u></b>  <i>Pending task order issuance.</i></p> <p>Staff have evaluated the site conditions and traffic data to discuss potential improvements to Meridian Avenue. This information was presented at the July 2022 MTIC meeting, and the Commission provided feedback. A study will be conducted, including a speed survey, which will be coordinated with local stakeholders. A task order is being issued to a professional services on-call consultant for this work. Recently, the pedestrian crossing at Meridian and Bank has been refreshed with new paint and a new sign. The nearby City trees have been trimmed and residents have been notified by mail to trim nearby privately-owned overgrown trees.</p>

Operations & Maintenance (O&M) Projects	Project Status
Timing Improvements at the Metro Gold Line Mission & Meridian	<p><b><u>No Significant Update</u></b>  <i>Task order being executed.</i></p> <p>Staff previously met with MTIC’s Chair to review recommendations regarding the timing of signal lights and railway crossing gates at Mission and Meridian. Metro has provided a contact for timing issues to work with the City, however, Metro requires more information on the matter to troubleshoot the solution. If necessary, a task order to update the timing sheets for this location will be issued to a professional services on-call consultant. The task order work would also reconcile the City’s previously requested preemption changes with the known timing issues.</p>
Timing Improvements at Orange Grove & Monterey Signal	<p><b><u>Project Completed</u></b>  <i>Work Completed.</i></p> <p>City maintenance contractor uploaded the new traffic signal timing and adjusted the video call detectors in all directions.</p>
Timing Improvements at Mission & Garfield	<p><b><u>Project Completed</u></b>  <i>Work Completed.</i></p> <p>The intersection operates on a fixed time, and has no loop detectors, ped heads and no push buttons. City maintenance contractor uploaded the new traffic signal timing.</p>
Fremont Avenue Southbound Left Turn Pocket South of Huntington Drive Intersection	<p><b><u>No Significant Update</u></b>  <i>Work scope being developed.</i></p> <p>A task order to develop a striping plan for this project is being issued to a professional services on-call consultant. The striping plan will remove the ‘no left turn’ marking a create left-turn pocket to access business at the Southeast corner of Fremont Avenue and Huntington Drive. This Commission recommended project will be incorporated into the planning process for the Fremont/Huntington Mobility Active Transportation &amp; Mobility Improvement Projects.</p>
Traffic & Parking Impacts along Glendon Way between El Centro Street and Meridian Avenue	<p><b><u>No Significant Update</u></b>  <i>Pending staff discussion with the Chamber.</i></p> <p>City Council recently approved a new five-year agreement with the Chamber of Commerce that contains updated language to facilitate review of the Farmer’s Market event Parking Management Plan. Public Works will work with the Chamber of Commerce to adjust with the goal of improving traffic and parking impacts along Glendon Way.</p>

Operations & Maintenance (O&M) Projects	Project Status
Replacement of Missing Orange Grove Street Lamps	<p><b><u>No Significant Update</u></b>  <i>Pending staff cost estimate.</i></p> <p>Staff are developing a cost estimate to replace the Orange Grove Street Lamps, and relocating the lamps away from the street where possible.</p>
Early Action Projects (EAP) List	<p><b><u>No Significant Update</u></b>  Measure R Mobility Improvement Projects (MIP) were discussed at the November 2022 MTIC Meeting, where some elements of the “SR 710 Early Action Projects (EAP)” are planned to be addressed in the North-South Corridor Intelligent Transportation Systems Project, and the current Measure R programmed projects include the Fair Oaks SR-110 Interchange Loop/Hook On-Ramp and Off-Ramp projects and the Fremont/Huntington Mobility Active Transportation Project (see above items). “Early Action Projects (EAP) List”. EAPs do not have committed funding and will be kept on this list for future tracking.</p>
Installation of City Limit Signs at Various Locations	<p><b><u>No Significant Update</u></b>  <i>Pending task order issuance.</i></p> <p>A task order to develop a conceptual plan for this project is being issued to a professional services on-call consultant.</p>
Preferential Parking Policy	<p><b><u>No Significant Update</u></b>  <i>Pending General Plan Update.</i></p> <p>As a City Council Strategic Plan goal, Staff will work with Community Development in this area, considering recommendations provided by MTIC. Work will commence after the General Plan and Downtown Specific Plan are completed.</p>
<p>2023 626 Golden Streets Arroyo Fest (October 29, 2023)</p> <p><i>Budget: In-Kind Staff Time  Match \$19,000</i></p>	<p><b><u>Updated Status</u></b>  <i>Memorandum of Understanding with the San Gabriel Valley Council of Government (SGVCOG) is being considered on the September 27, 2023 City Council Agenda.</i></p> <p>Staff is working with ActiveSGV to finalize the traffic control plans, an execute a memorandum of agreement outlining event responsibilities – which will be brought to City Council for approval on September 27, 2023. The MOU establishes a budget for City expenses, as well as other coordination details.</p>
Traffic Impact Analyses	<p><b><u>Updated Status</u></b>  <i>Proposed development traffic study complete.</i></p> <p>The developer team completed a traffic evaluation for a proposed project southwest of Fair Oaks and Grevelia.</p>

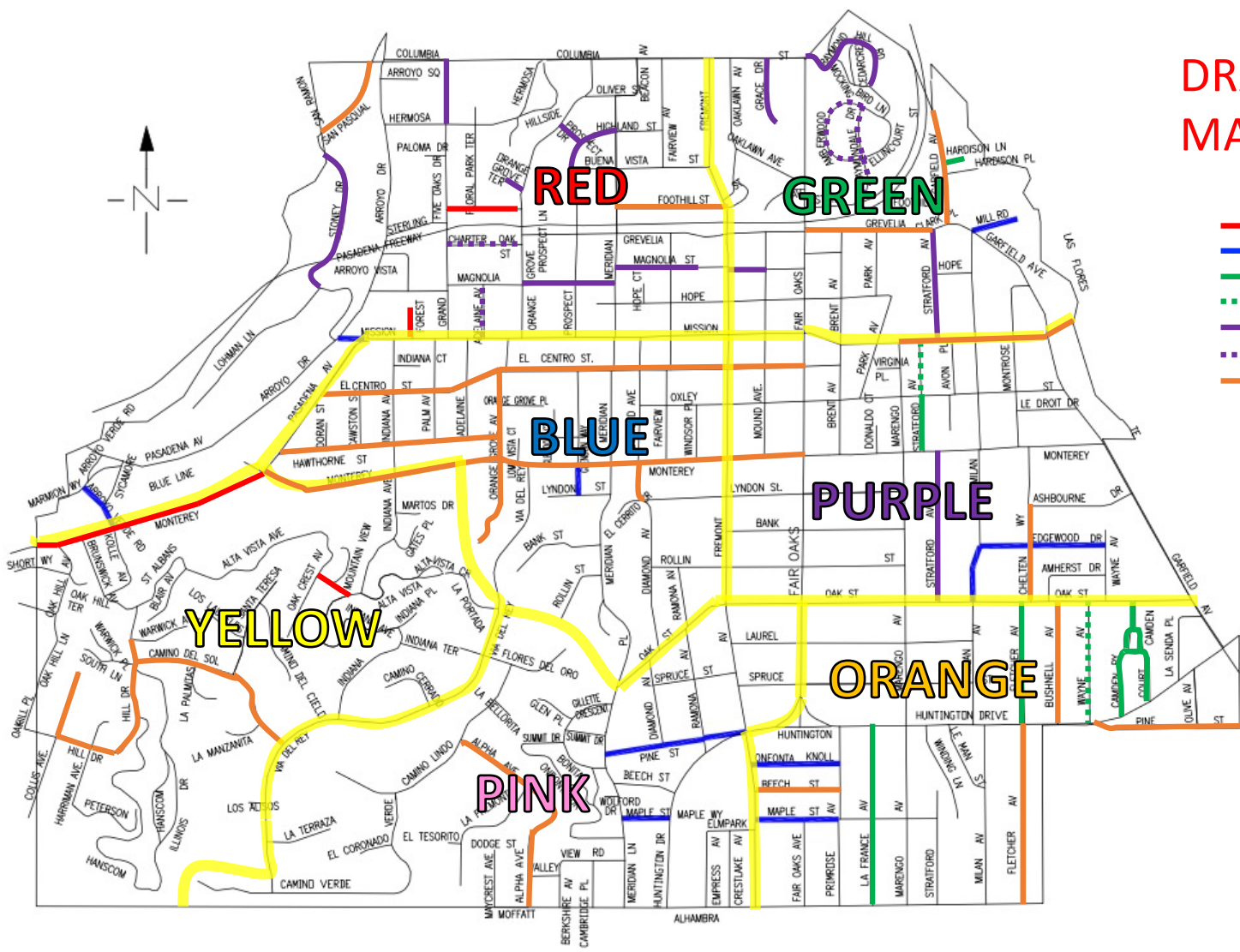


Operations & Maintenance (O&M) Projects	Project Status
<p>Huntington Drive at Marengo Avenue Crossing Guard Evaluation</p>	<p><u>Project Completed</u>  <i>Work Completed.</i></p> <p>Public Works and the Police Department prepared a joint staff report. The City Council approved a second crossing guard at Huntington and Marengo and extended and approved the crossing guard contract. Recommendations provided in the report will be incorporated into the planning process for the Fremont/Huntington Mobility Active Transportation &amp; Mobility Improvement Projects.</p>
<p>Marengo Avenue Traffic Safety Assessment</p> <p><i>Budget: Measure M Local Return \$39,030</i></p>	<p><u>No Significant Update</u>  <i>Project Underway.</i></p> <p>Staff revised the scope for the comprehensive traffic safety review along the Marengo Avenue corridor based on feedback from MTIC and residents who submitted comments. The consultant provided a revised scope and fee that includes traffic counts, speed data, and stop compliance surveys at additional locations, as well as an evaluation of traffic island diverters, and an evaluation of the intersection at Alhambra Road. The task order was approved by City Council on July 19, 2023. The evaluation will capture the school-related traffic and pedestrian impacts.</p>
<p>Huntington Drive 2000 Block Review</p>	<p><u>Updated Status</u>  <i>Staff working to implement MTIC recommended edge striping. The planning and community charrette process is scheduled to start the week of September 25, 2023</i></p> <p>Staff is finalizing the contract agreement and is routing the contract for signatures and contractor to install an Edge Line striping along the south side of Huntington Drive from Dos Robles to Olive Street as recommended by the Commission. Staff and the CM's office recently distributed outreach material to stakeholders and residents. Staff also secured the Library Community room, and is coordinating equipment and supplies for the first week. Documents, studies and reports were supplied to the consultant for further review.</p>
<p>Diamond Avenue Improvements</p>	<p><u>No Significant Update</u>  <i>Review of community suggestions and enforcement.</i></p> <p>Staff are reviewing improvements suggested by community members along Diamond Avenue between Mission Street and El Centro. The Police Department has been enforcing parking restrictions and Public Works refreshed the existing red curb paint along the roadway.</p>

# **ATTACHMENT 1**

## **Initial Proposal for the Future Street Program Area Configuration**

# DRAFT STREET MAINTENANCE ZONES



- Bid Package 1
- Bid Package 2
- 18-19 Preventative Maintenance
- - - 18-19 PM (not on current plan set)
- 19-20 Preventative Maintenance
- - - 19-20 PM (not on current plan set)
- Recently completed projects

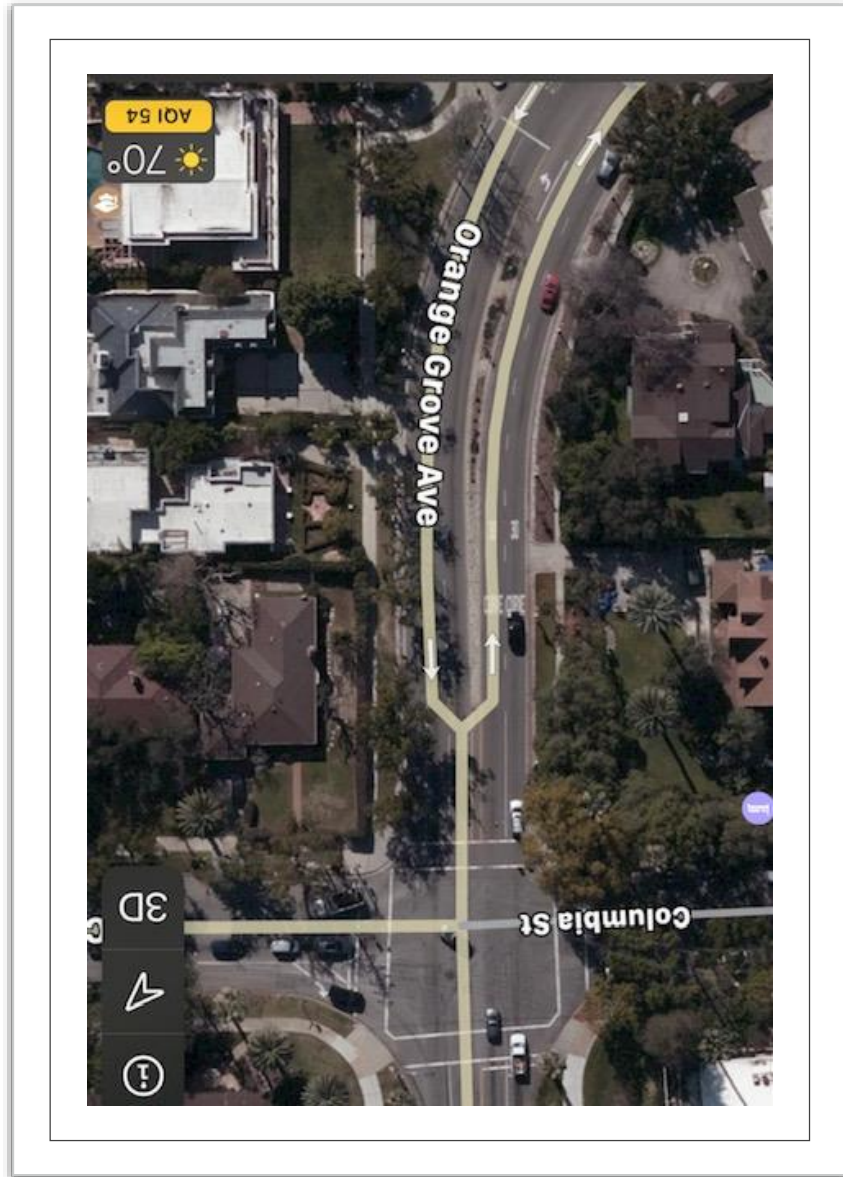
Zone	Total Area (SF)
ORANGE	1,233,028
PURPLE	1,141,320
GREEN	1,028,309
RED	1,172,313
BLUE	1,189,003
YELLOW	1,091,176
PINK	1,138,885
NA	3,828,956
<b>Total</b>	<b>11,822,990</b>

# **ATTACHMENT 2**

## **Public Comments Submission**

# Orange Grove Design

Originally part of the 710 freeway mitigation projects, synchronizing the signals to improve flow off of the north bound 110



Two lanes headed  
south into SP at  
Columbia



The two south bound lanes then merge as the drivers enter a curve to the right

PUBLIC COMMENT SUBMISSION

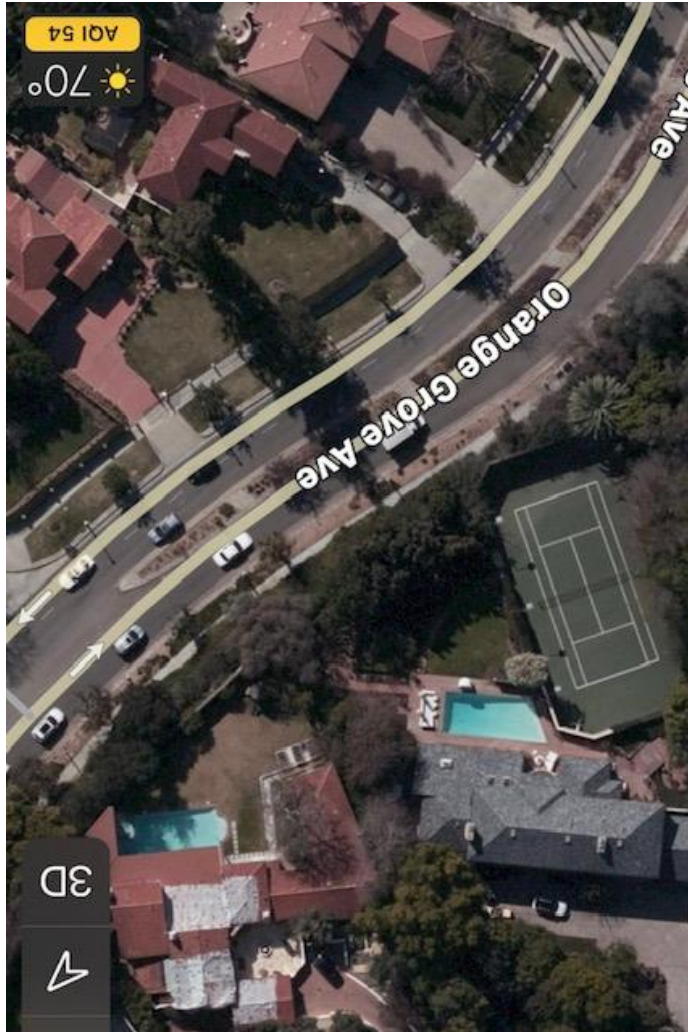


The merge arrows direct the #2 lane to merge left into a single lane #1





The merge to the left as indicated by the arrows pushes the momentum of the vehicles toward the median.



The travel lane  
curve flows traffic  
momentum into  
median #2

PUBLIC COMMENT SUBMISSION



The oversize single lane allows for vehicles to drift toward the center or outward due to momentum

## Suggested corrections

Request that the City of Pasadena merge the two south bound lanes north of Columbia so only a single south bound lane crosses at Columbia

Change the #2 lane to Right Turn only onto west bound Columbia, example as done on east bound Mission St at Fair Oaks and at east bound Monterey Rd at Fair Oaks

Remove the directional arrows for the merge to the #1 lane, to arrows that direct flow to the right to direct flow to the curve.

Restripe the single south bound lane with lane narrowing striping centered in the path.