



COUNCIL REPORT

DATE: June 25, 2024
CATEGORY: Consent
DEPT.: Public Works
TITLE: **Miramonte Avenue Improvements,
Project 20-01—Various Actions**

RECOMMENDATION

1. Adopt a Resolution of the City Council of the City of Mountain View Approving a Request to the Metropolitan Transportation Commission for the Allocation of Fiscal Year 2024-25 Transportation Development Act Article 3 Pedestrian/Bicycle Project Funding, to be read in title only, further reading waived (Attachment 1 to the Council report).
2. Accept \$121,052 in Transportation Development Act Article 3 Pedestrian/Bicycle Project Funding and appropriate the funds to Miramonte Avenue Improvements, Project 20-01. (Five votes required)
3. Transfer and appropriate \$458,451 from the Construction/Conveyance Tax Fund and \$1,900,000 from the 2016 Measure B Sales Tax to Miramonte Avenue Improvements, Project 20-01. (Five votes required)
4. Approve plans and specifications for Miramonte Avenue Improvements, Project 20-01, and authorize staff to advertise the project for bidding.
5. Authorize the City Manager or designee to award a construction contract to the lowest responsive responsible bidder if the bid is within the project budget of \$5,878,000.

BACKGROUND

Transportation Development Act Article 3 Funding

Transportation Development Act Article 3 (TDA3) is a state program that provides funding for pedestrian and bicycle projects. These guaranteed funds (one-quarter cent of the general statewide sales tax) are distributed annually to the Metropolitan Transportation Commission (MTC), the regional transportation planning agency for the Bay Area, to allocate to local agencies on a per-capita basis. In Santa Clara County, the Santa Clara Valley Transportation Authority

(VTA) is responsible for submitting a coordinated Countywide claim for TDA3 funds to MTC for each city and the County.

The amount of annual TDA3 funding allocated varies and depends upon the total sales tax revenues generated. The City has used past TDA3 grant funds for a variety of pedestrian and bicycle projects, including improvements to sidewalks, curb ramps, intersections, audible and countdown pedestrian signals, bike maps, bike racks, and education programs.

According to VTA guidelines, the City may bank up to five years of annual TDA3 allocations. On June 27, 2023, among other actions noted later in this report, Council allocated \$346,497 from prior fiscal year TDA3 funds to the Miramonte Avenue Improvements, Project 20-01. Recently, the City was allocated \$121,052 in Fiscal Year 2024-25 TDA3 funds.

Miramonte Avenue Project Scope

In 2019, Council approved pavement improvements for Miramonte Avenue between Cuesta Drive and Castro Street as part of the Fiscal Year 2019-20 Capital Improvement Program (see Figure 1). This segment of Miramonte Avenue is classified as an arterial road with four travel lanes, bicycle lanes, and on-street parking in each direction. It was originally constructed in 1970. Over the years, it has received several asphalt overlay treatments, including the last overlay treatment in 2007.

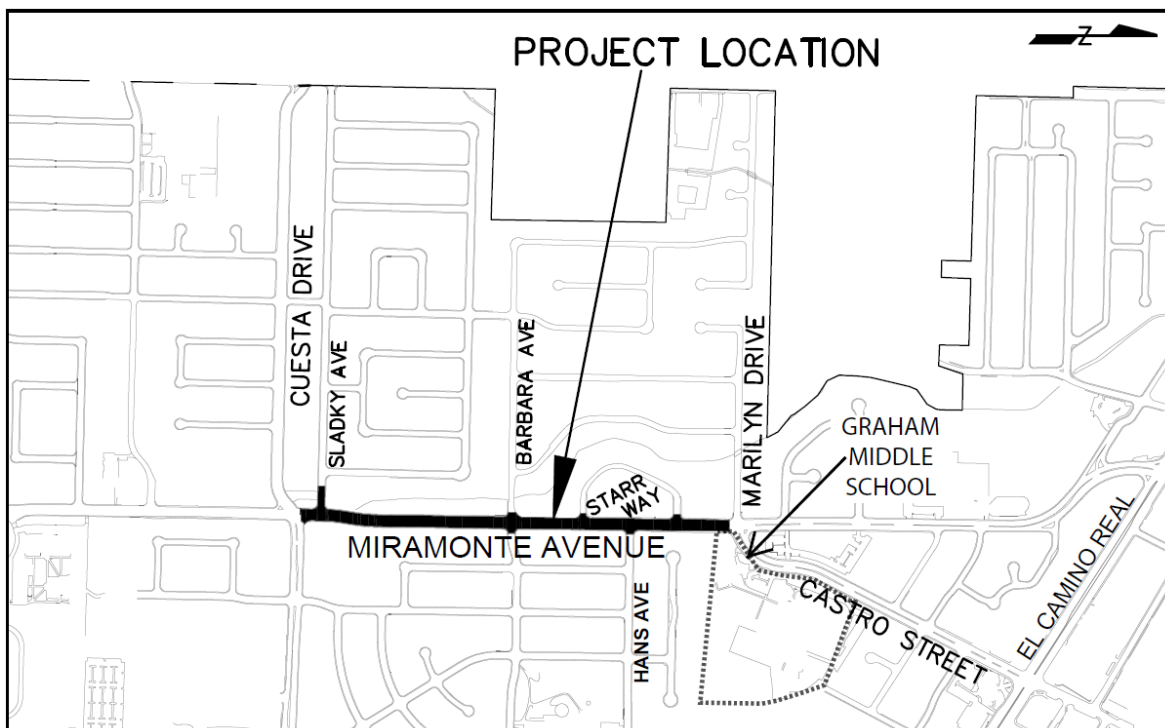


Figure 1: Project Location Map

The original scope for Miramonte Avenue Improvements, Project 20-01 (Pavement Project), included the following:

- Pavement resurfacing;
- Removal and replacement of segments of concrete sidewalks, curb, and gutters;
- Installation of Americans with Disabilities Act (ADA)-compliant curb ramps;
- New pavement markings; and
- Class II green bicycle lanes on both sides of the street.

When the Pavement Project was still undergoing in-house project design, it was determined that construction would need to be paused to allow the Miramonte Water and Sewer Main Replacement project to be constructed first to avoid damaging the new roadway pavement. The utility main replacement project addressed the aging water and sewer main lines and service lines that run the entire length of the Pavement Project. Construction of the utility project began in January 2023 and was completed in December 2023.

This project sequencing provided an opportunity to modify the Miramonte Avenue Improvements project scope to further enhance pedestrian and bicycle safety between Castro Street and Hans Avenue. On [April 26, 2022](#), Council approved a modified scope for the project and authorized a professional services agreement with Bellecci & Associates to complete the Miramonte Avenue Improvements project design and provide construction support. The modified scope included the following bicycle and pedestrian improvements, as highlighted in Figure 2:

- The original scope elements;
- Class IV bikeway (two-way separated bike lanes) on the east side of Miramonte Avenue, between Hans Avenue and Castro Street, in place of a single Class II bike lane;
- Curb extensions (bulb-outs) and storm drain modification at Hans Avenue; and
- A pedestrian-actuated, overhead Rectangular Rapid-Flashing Beacon at the Miramonte Avenue crosswalk at Hans Avenue.



Figure 2: Bicycle and Pedestrian Improvements

During the evaluation of the modified design scope, staff found an additional opportunity to enhance the bicycle facilities in this corridor. The traffic volumes in this section (Castro Street to Cuesta Drive) of Miramonte Avenue indicate that a road diet from four vehicular travel lanes to two vehicular travel lanes with a two-way left turn lane in the middle would be feasible. As a result, on [June 27, 2023](#), Council took the following actions:

1. Found the Pavement Project categorically exempt under the California Environmental Quality Act (CEQA) Guidelines.
2. Approved the road diet alternative for the Pavement Project, as recommended by the Bicycle/Pedestrian Advisory Committee and Council Transportation Committee.
3. Adopted a resolution approving a request to the Metropolitan Transportation Commission (MTC) for the allocation of Fiscal Year 2023-24 TDA3 pedestrian/bicycle project funding.
4. Accepted \$346,497 in TDA3 funding and appropriated the funds to the Pavement Project.
5. Authorized the City Manager or designee to execute all documents and agreements, and take all necessary actions related to the acceptance of Fiscal Year 2023-24 TDA3 funding.

In fall 2023, California Water Company (CalWater) identified a need to replace their water main and services lines within this same segment of Miramonte Avenue, to be constructed in the first half of 2024. Staff coordinated closely with CalWater to ensure their water main project would be completed in time to avoid further delays to the City's project. CalWater began construction in February 2024 and anticipates completion by July 2024.

ANALYSIS

Final Project Scope

As detailed above, the scope of Miramonte Avenue Improvements, Project 20-01, has been significantly enhanced from a relatively simple pavement project to a complete streets project that will transform the operation and feel of this segment of Miramonte Avenue. The road diet will provide traffic calming, and the expanded active transportation improvements of Class IV bikeways and intersection improvements at Hans Avenue will provide significant benefits to students and the community. Green street elements are included with the project as part of the new landscape median next to the Class IV bikeway. Staff evaluated planting trees within this median; however, there is an existing water main under the new median location. To avoid potential conflicts with trees, such as tree roots causing water main breaks and/or delays for water maintenance activities, shrubs will be installed in the median.

The project will include the following elements:

- Pavement resurfacing between Cuesta Drive and Castro Street;
- Removal and replacement of damaged concrete sidewalk, curb, and gutter;
- Americans with Disabilities Act (ADA)-compliant curb ramps;
- Infill of a sidewalk gap along Miramonte Avenue between Barbara Avenue and Starr Way;
- Class II buffered bike lanes on both sides of the street;
- A Class IV bikeway (two-way separated bike lanes) on the east side of Miramonte Avenue between Hans Avenue and Castro Street in place of a Class II bike lane;
- Landscaped median adjacent to the Class IV bikeway, with irrigation and low water use shrubs;
- Curb extensions (bulb-outs) and storm drain modification at Hans Avenue;
- An overhead rectangular rapid flashing beacon at the Miramonte Avenue and Hans Avenue intersection; and
- Road diet lane reconfiguration from a four- to three-lane road that includes a two-way center left-turn lane (see Figures 2 and 3).

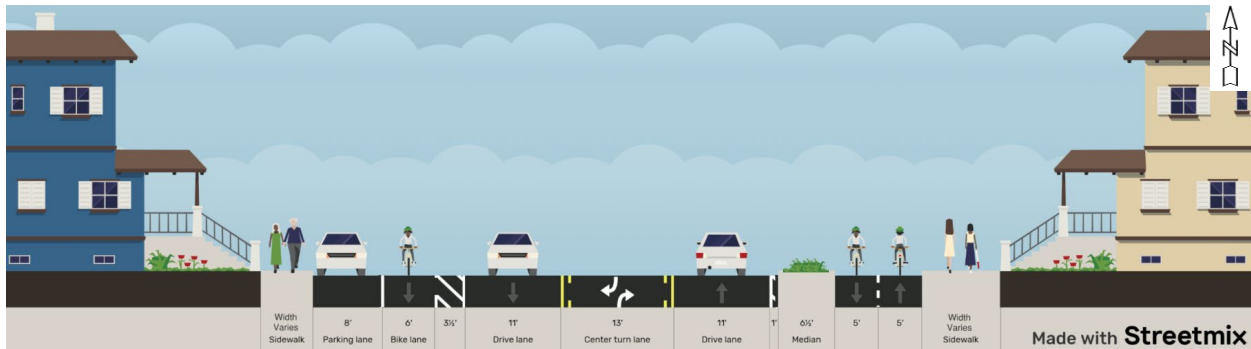


Figure 2: Typical Cross Section from Castro Street to Hans Avenue with the Class IV Bikeway

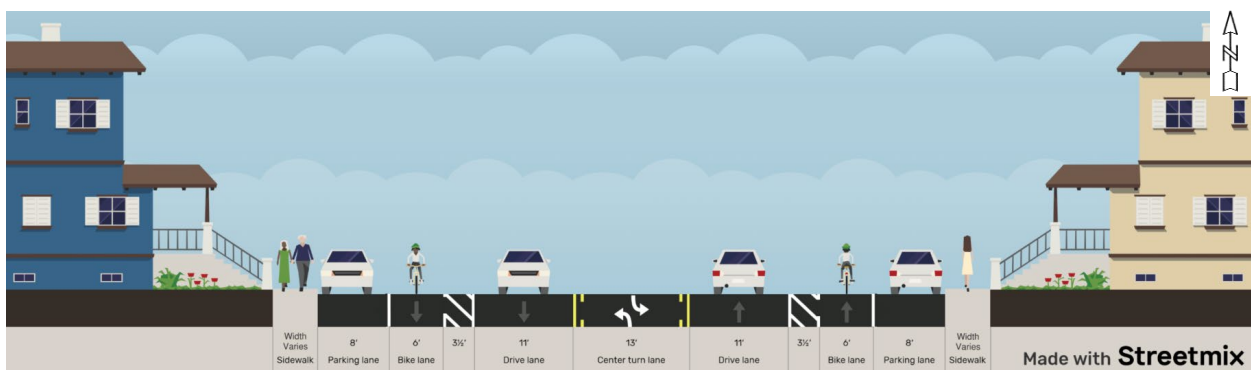


Figure 3: Typical Cross Section from Hans Avenue to Cuesta Avenue

The plans and specifications for the project are complete. If Council approves the recommended actions, including the increase in appropriations, and a responsive responsible bid within the project budget is received, construction is expected to begin in fall 2024 and be completed in spring 2025. Public noticing will occur prior to and during construction.

Transportation Development Act Article 3 Funding

As part of the City’s determination of applying TDA3 funds to a project, the Bicycle/Pedestrian Advisory Committee (BPAC) recommends a proposed project (or projects) for TDA3 funding, and the City Council must adopt a resolution approving the project for TDA3 funding and requesting allocation of the TDA3 funding from MTC.

On May 13, 2024, BPAC recommended the Pavement Project for an additional \$121,052 in TDA3 funding to cover the increased project costs associated with expanding the bicycle and pedestrian improvements in the scope of work. Combining the previously allocated TDA3 funds of \$346,497 with the 2024-25 allocation of \$121,052 brings the total allocation of TDA3 funds for the Pavement Project to \$467,549. Consistent with BPAC’s recommendation, staff recommends that Council accept and appropriate the \$121,052 in Fiscal Year 2024-25 TDA3 funds to the Pavement

Project. If Council approves the recommended action, staff will submit the TDA3 project application (Exhibit B within Attachment 1) to VTA.

FISCAL IMPACT

The scope of the Pavement Project has been expanded since originally planned to enhance bicycle and pedestrian safety, including a Class IV bikeway, substantial intersection improvements at the Hans Avenue intersection, and a road diet. Additionally, inflation over the past two years has substantially increased costs for labor and materials. The existing funding for the project is insufficient as shown in Table 1.

Table 1: Estimated Project Cost

Construction	\$4,449,000
Construction Contingency	445,000
Project Management	220,000
Consultant Services	240,000
Construction Inspection and Testing	<u>165,000</u>
 Subtotal	 \$5,519,000
 City Administration	 <u>359,000</u>
 TOTAL PROJECT COST	 <u>\$5,878,000</u>
 PROJECT BUDGET	 <u>\$3,398,497</u>
 PROJECT SHORTFALL	 \$2,479,503

Staff recommends additional appropriations to fully fund the project as shown in Table 2.

Table 2: Project Funding

Funding Source	Currently Appropriated	Recommended Additional Appropriation	Funding Source Total
Construction/Conveyance Tax Fund	\$1,782,000	\$ 458,451	\$2,240,451
State Gas Tax Fund	90,000	--	90,000
VTA 2016 Measure B Sales Tax Fund	1,180,000	1,900,000	3,080,000
TDA3	<u>346,497</u>	<u>121,052</u>	<u>467,549</u>
TOTAL	<u>\$3,398,497</u>	<u>\$2,479,503</u>	<u>\$5,878,000</u>

There is sufficient funding in the Construction/Conveyance Tax Fund and the 2016 VTA Measure B Sales Tax Fund for the recommended actions.

CONCLUSION

Miramonte Avenue Improvements, Project 20-01, will provide pedestrian and bicycle safety enhancements in conjunction with its original intent to resurface the roadway between Cuesta Drive and Castro Street. The improvements generally include pavement rehabilitation, a road diet, bike lanes on both sides of Miramonte Avenue, including a Class IV bikeway on the east side of Miramonte Avenue between Hans Avenue and Castro Street, and substantial intersection improvements at Hans Avenue. BPAC has recommended the project receive Fiscal Year 2024-25 TDA3 funding to support the pedestrian and bicycle enhancements. The expanded scope of work and rise in inflation has increased costs, and an increase in appropriation of \$2,479,503 is recommended to fully fund the construction project. Construction is anticipated to begin in fall 2024.

ALTERNATIVES

1. Do not adopt a resolution approving a request for allocation of Fiscal Year 2024-25 TDA3 funding, and direct staff to bank the \$121,052 TDA3 funding for allocation to a different project and identify a different funding source for the project.
2. Do not authorize the appropriation of \$458,451 from the Construction/Conveyance Tax Fund and \$1,900,000 from the 2016 Measure B Sales Tax Fund and direct staff to defer the project.
3. Do not approve the plans and specifications and defer the project and/or modify the scope.
4. Provide other direction.

PUBLIC NOTICING—Agenda posting.

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KR-BW/4/CAM
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Attachment: 1. Resolution Requesting TDA3 Funding Allocation

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