

Mace Boulevard Redesign

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August 29, 2023



Background

- **March 21, 2023 - staff presented final design for the Mace Redesign project, and the option to add an alternative design for a cycle track.**
- **City Council approved the 100% final plans for the Mace Blvd Redesign for bidding and approved an amendment with Fehr and Peers Associates to design an alternate option B cycle track option and bid both options.**
- **Return to Council to determine which option to award after bid.**

Option A

- 1. Two full-width southbound traffic lanes between Cowell Blvd. and N El Macero Dr.**
- 2. Striping modifications**
 - Between San Marino Ave. and N. El Macero Dr. – accommodates two, northbound travel lanes while maintaining the bike buffers.
 - Modifications to the protected intersection at Cowell/Mace, including accommodation for truck-turning radii and modifications to the signal timing and operations.
- 3. Reconfiguration of the islands at San Marino Ave. and replacement of the flashing red beacon with less obtrusive device.**
- 4. Modifications to on-street parking on the west side of Mace Blvd. south of N. El Macero Dr. to San Marino Ave. to accommodate access/wheelchairs at more regular intervals.**
- 5. Two, full-width northbound traffic lanes between N. El Macero Dr. and Cowell Blvd.**
- 6. Narrowed median. Four trees of original 12 remain. Irrigation reconstructed to median and side planter. Eight new Blue Oak and Cork Oak are being planted in median.**

Option B – Implement Two-way Bikeway

Option B provides similar improvements with the following differences:

- 1. Reconstruct western bikeway buffer between San Marino and Cowell Blvd.**
- 2. Remove raised median in between N. El Macero and Cowell and replace with paved painted median.**
- 3. No need to reconstruct bikeway buffer on east side of project.**
- 4. Additional signal modifications at Cowell / Mace intersection.**

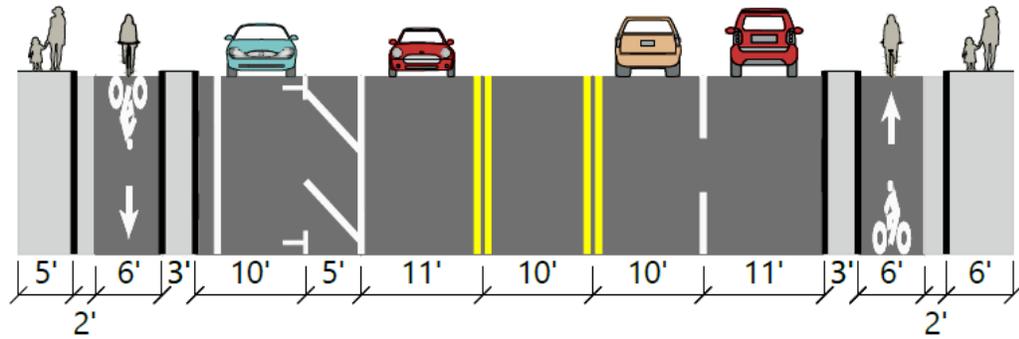
One-Way Cycle Track – Option A



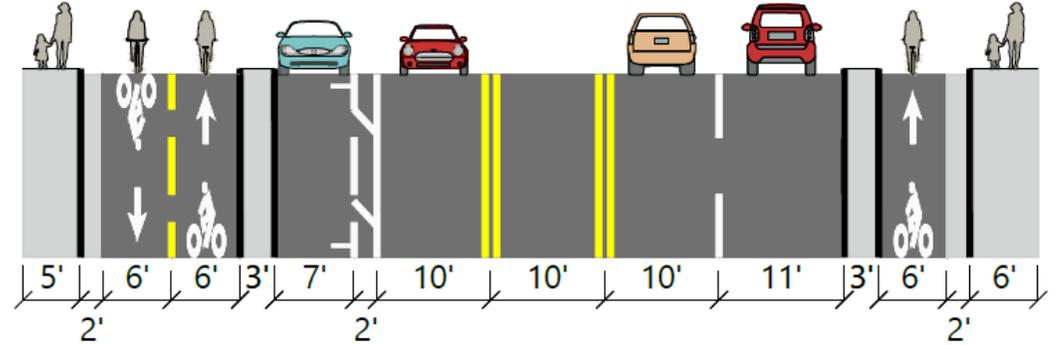
Two Way Cycle Track – Option B



San Marino Dr. to N. El Macero Dr.

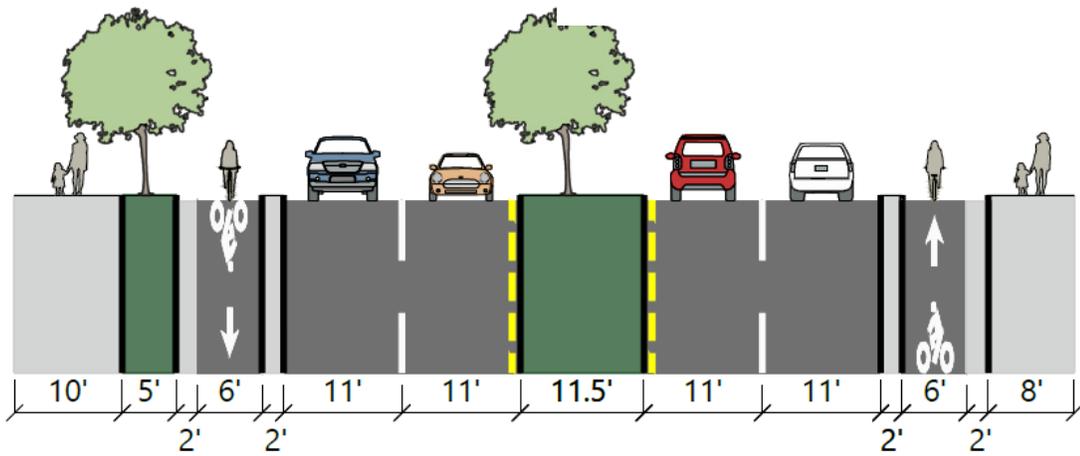


Option A

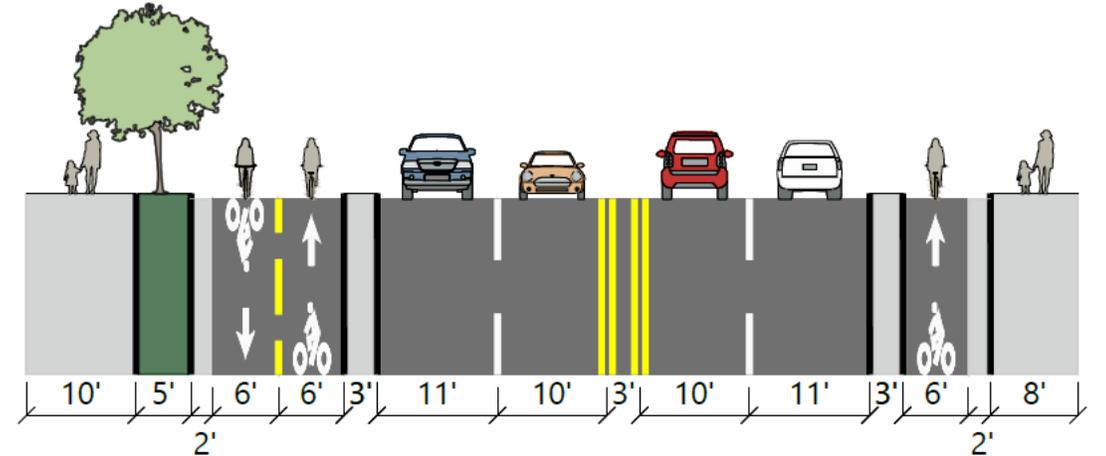


Option B

N. El Macero Dr. to Cowell Blvd.



Option A



Option B

Cowell Blvd Intersection – Option A



Bid Results

- **Project advertised July 7, 2023**
- **Bids opened August 3, 2023**
- **Three bids received; McGuire & Hester low bid**

Bidder	Option A Bid	Option B Bid	Total Bid
McGuire & Hester, Sacramento, CA	\$2,009,820	\$2,199,590	\$4,209,410
Lister Construction, Inc., Vacaville, CA	\$2,452,212	\$2,378,722	\$4,830,934
Ghilotti Bros., Inc., San Rafael, CA	\$3,111,611	\$3,339,571	\$6,451,182
Engineer's Estimate	\$1,259,070	\$1,315,310	\$2,574,380

Bid Results Discussion

- **Construction start will be in mid to late September.**
- **Accelerated work schedule to complete work before winter to avoid weather delays.**
 - **7:00 a.m. to 3:30 p.m. Monday through Friday**
 - **9:00 p.m. to 5:00 a.m. Sunday through Thursday**
 - **7:00 a.m. to 5:00 p.m. Saturday and Sunday**
- **The costs for an accelerated schedule were not included in the original engineer's estimate and are the primary reason why the bids were higher than the engineer's estimate.**

Recommendations – Option A

- 1. Awards the project Mace Blvd Reconstruction Contract - Option A to McGuire & Hester in the amount of \$2,009,820 with a construction contingency of 10% (\$201,000) and authorizes the City Manager to execute the contract; and**
- 2. Authorize the City Manager to approve an additional 5% (\$100,500) for contingency later if the project if it is needed and funding is available; and**
- 3. Authorize the City Manager to approve the Budget Revision moving \$1,038,000 from the 2022/23 Pavement Rehabilitation Project, CIP ET8250, into CIP ET8257, and \$100,000 from the streets operational budget for projects, program 7252; and**
- 4. Acknowledges that the California Environmental Quality Act (CEQA) Categorical Exemption that was filed for the original project is still active and no further action is needed.**

Recommendations – Option B

- 1. Awards the project Mace Blvd Reconstruction Contract- Option B to McGuire & Hester in the amount of \$2,199,590 with a construction contingency of 10% (\$220,000) and authorizes the City Manager to execute the contract; and**
- 2. Authorize the City Manager to approve an additional 5% (\$110,000) for contingency later if the project if it is needed and funding is available; and**
- 3. Authorize the City Manager to approve the Budget Revision moving \$1,246,770 from the 2022/23 Pavement Rehabilitation Project, CIP ET8250, into CIP ET8257, and \$100,000 from the streets operational budget for projects, program 7252; and**
- 4. Acknowledges that the California Environmental Quality Act (CEQA) Categorical Exemption that was filed for the original project is still active and no further action is needed.**

Cost Difference between Options

Activity	Option A Bid	Option B Bid	Difference
Construction	\$2,009,820	\$2,199,590	\$189,770
Contingency	\$201,000	\$220,000	\$19,000
Soft Cost (Engineering, Inspection, etc)	\$749,180	\$749,180	\$0
Totals and Difference	\$2,960,000	\$3,168,770	\$208,770