



METROPOLITAN  
TRANSPORTATION  
COMMISSION

**Agenda Item 3b**

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## *Memorandum*

TO: Operations Committee

DATE: June 1, 2018

FR: Executive Director

W.I. 1237

RE: Contract– West Grand Avenue On-Ramp Improvement – Bus Lane Project Construction Award: California Engineering Contractors, Inc. (\$1,999,847 plus a contingency of \$400,000)

This memorandum requests Committee approval to award a contract to California Engineering Contractors, Inc. for construction services for the West Grand Avenue On-Ramp Improvement – Bus Lane Project, in an amount not to exceed \$1,999,847. This memo also recommends a contingency in an amount of \$400,000 to be used at the discretion of the Executive Director or his designee for changes in the work. Staff also seeks approval to award to the second lowest bidder should the California Engineering Contractors, Inc. bid be found not responsive or not responsible.

### **Background**

The San Francisco-Oakland Bay Bridge (SFOBB) corridor includes freeway segments consistently ranked as the top most congested in the region. During the morning commute periods, westbound approaches to the SFOBB experience significant delays, which include traffic from the westbound I-80, westbound I-580, and northbound I-880 directions, and the West Grand Avenue on-ramp in Oakland. The West Grand Avenue on-ramp provides vehicular access to eastbound I-580, as well as access to the northbound I-880 connector approaching the SFOBB. Buses using the West Grand Avenue on-ramp can access the bridge via a bus-only ramp that is also open to other high occupancy vehicles (HOVs) during carpool hours.

The project is intended to increase Transbay person throughput by providing access and operational improvements for transit buses and eligible carpools through the conversion of approximately 1,300 feet of the right shoulder on the West Grand Avenue on-ramp and northbound I-880 connector to a bus lane. The new bus lane will be open to transit vehicles 24 hours per day, seven days per week, and open to all other HOVs during carpool hours only. The project would also enhance traffic operations by restriping a portion of the I-880 approach to the toll plaza, and converting an existing cash lane to a FasTrak-only lane.

### **Contractor Selection Process**

On April 12, 2018, MTC issued an Invitation for Bid (IFB) for the West Grand Avenue On-Ramp Improvement – Bus Lane Project. A non-mandatory optional bidder's conference was held on April 24, 2018. On May 24, 2018, two bids were received and opened at a public bid opening. The engineer's estimate for the project was \$1.4 million.

Bidder	Location	Total Contract Price	SBE Bid Preference	SBE Bid Preference Amount	Bid Rank
California Engineering Contractors, Inc.	Pleasanton, CA	\$1,999,847.00	No		1
Bridgeway Civil Constructors, Inc.	Vacaville, CA	\$2,472,697.50	Yes	\$123,634.88	2

Bids which utilized at least 40% Small Business Enterprise (SBE) participation received a 5 percent reduction in bid price, solely for the purpose of determining the lowest responsive bidder. One firm (Bridgeway Civil Constructors, Inc.) claimed the SBE Bid Preference.

California Engineering Contractors, Inc. is the apparent low bidder. Staff is currently determining whether California Engineering Contractors, Inc. is a responsible contractor and whether its bid is responsive based on a review of all bid forms received as a part of the bid, including its bid security bond, minimum insurance requirement certification, reference information from past projects and the Schedule of Quantities and Prices. Staff is requesting approval from the Committee for a total contract allotment of \$2,399,847, which includes the low bid of \$1,999,847 and a 20% construction contingency of \$400,000. Should the bid for California Engineering Contractors, Inc. not be responsible or responsive, staff shall repeat the review and award process with the second lowest bidder (Bridgeway Civil Constructors, Inc.).

Attachment A includes a summary of California Engineering Contractors, Inc. and its project team's small business and disadvantaged business enterprise status.

#### **Recommendation**

Staff recommends that:

- The Committee authorize the Executive Director or his designee to award a contract to California Engineering Contractors, Inc. in an amount not to exceed \$1,999,847 for the construction of the West Grand Avenue On-Ramp Improvement – Bus Lane Project; and that a contract contingency of \$400,000 be authorized to be used at the Executive Director or his designee's discretion for changes not included in the scope of work; and
- The Committee authorize the Executive Director or his designee to award a contract to Bridgeway Civil Constructors, Inc. in an amount not to exceed \$2,472,697.50 for the construction of the West Grand Avenue On-Ramp Improvement – Bus Lane Project; and that a contract contingency of \$494,540 be authorized to be used at the Executive Director or his designee's discretion for changes not included in the scope of work should staff determine that California Engineering Contractors Inc. is not responsible, or that its bid is not responsive.

  
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Steve Heminger

#### **Attachment:**

- Attachment A: California Engineering Contractors' Team Small Business Enterprise and Disadvantaged Business Enterprise Status

SH:kc

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California Engineering Contractors Inc.'s Team  
Small Business Enterprise and  
Disadvantaged Business Enterprise Status

Firm Name	Role on Project	DBE* Firm			SBE** Firm		
		Yes	If Yes, List #	No	Yes	If Yes, List #	No
California Engineering Contractors, Inc.	General Contractor			X			X
Farwest Safety, Inc	Subcontractor			X	X	6544	
Chrisp Company	Subcontractor			X			X
Midstate Barrier, Inc.	Subcontractor			X			X
Bleyco, Inc.	Subcontractor			X			X
Team EES, Inc.	Subcontractor			X	X	1677900	

\*Denotes certification by the California Unified Certification Program (CUCP).

\*\*Denotes certification by the State of California.

## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Contract

Work Item No.:	1237
Contractor:	California Engineering Contractors, Inc. Pleasanton, CA
Work Project Title:	Construction Contract between MTC and California Engineering Contractors, Inc. for the West Grand Avenue On-Ramp Improvement – Bus Lane Project.
Purpose of Project:	The Project is intended to increase Transbay person throughput and improve traffic operations for buses and other high occupancy vehicles in the San Francisco-Oakland Bay Bridge (SFOBB) corridor.
Brief Scope of Work:	The project will convert approximately 1,300 feet of the right shoulder on the West Grand Avenue on-ramp and northbound I-880 connector approach to the SFOBB to a bus lane. The project would also enhance traffic operations by restriping a portion of the I-880 approach to the toll plaza, and converting a cash lane to a FasTrak-only lane.
Project Cost Not to Exceed:	<ul style="list-style-type: none"><li>• \$1,999,847, plus a contingency of \$400,000, if California Engineering Contractors, Inc. is awarded the contract or</li><li>• \$2,472,697.50, plus a contingency of \$494,540, if Bridgeway Civil Constructors, Inc. is awarded the contract.</li></ul>
Funding Source:	RM2
Fiscal Impact:	Funding is included in the FY 2017-18 MTC Budget.
Motion by Committee:	That the Executive Director or his designee is authorized to award a contract to California Engineering Contractors, Inc. for the construction of the West Grand Avenue On-Ramp Improvement – Bus Lane Project, as described above and in the Executive Director's memorandum dated June 1, 2018 and the Chief Financial Officer is directed to set aside \$1,999,847 for such contract, and \$400,000 for a contract contingency to be used at the discretion of the Executive Director or his designee for changes not included in the scope of work.

Further, that should California Engineering Contractors, Inc. be determined to be not responsible or its bid to be not responsive that the Executive Director or his designee is authorized to award a contract to Bridgeway Civil Constructors, Inc. and the Chief Financial Officer is

directed to set aside \$2,472,697.50 for such contract and \$494,540 for a contract contingency to be used at the discretion of the Executive Director or his designee for the changes not included in the scope of work.

Operations Committee:

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Dave Cortese, Chair

Approved:

Date: June 8, 2018





BayBridge  
Forward

# West Grand Avenue On-Ramp Bus/HOV Lane Project



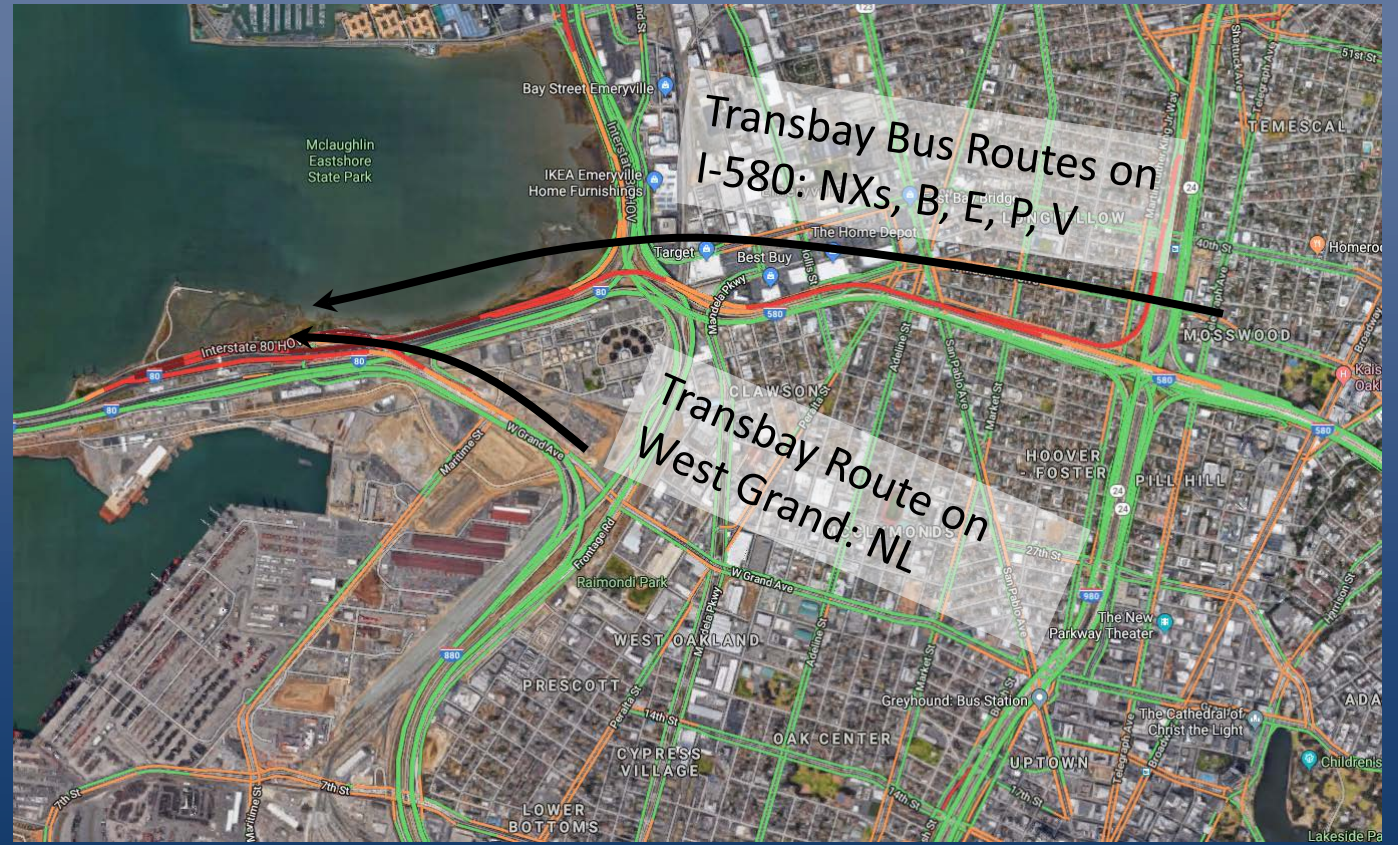
Metropolitan Transportation Commission

MTC Operations Committee  
June 8, 2018



# Persistent Congestion on Bay Bridge Approaches

- I-580 Westbound → 15 minutes of delay
- West Grand Ave. → 20 minutes of delay
- Traffic Delays → Unreliable Express Bus Travel Times → Lower Ridership and Higher Operating Costs





# West Grand Avenue Suite of Improvements: On-Ramp Bus/HOV Lane, Transit Signal Priority, & Dynamic Transit Routing

Existing

Varies: 1-3 lanes



Project

Varies: 2-4 lanes



Convert Existing Shoulder to a  
Bus/HOV Lane





# West Grand Ave. On-Ramp Project Elements



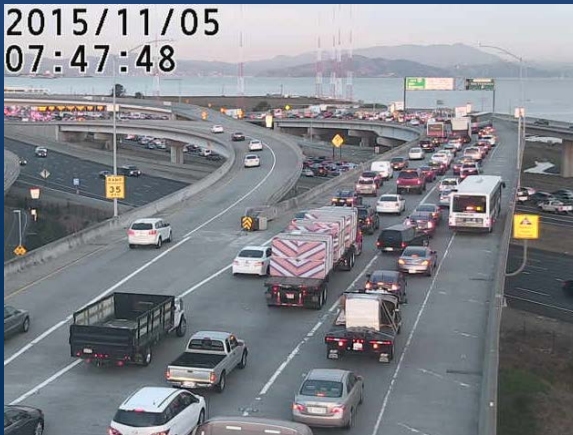
- Convert Existing Right Shoulder to Bus/HOV Lane (approximately 1,300 feet)
- Drainage System Upgrade
- Barrier Replacement
- Signing and Restriping
- Conversion of a Cash Lane to FasTrak-Only Lane
- New Lighting

# West Grand Ave. On-Ramp Bus/HOV Lane: Saves Time and Moves More People in Fewer Cars

2015 Lane Labor Day Weekend (BART Closure):  
West Grand Operated as a Bus-Only On-ramp



Some Buses Use the Shoulder to  
Bypass Traffic Queues



- 20 minutes travel time savings for Transbay express buses on West Grand Ave. on-ramp
- 10 minutes travel time savings for Transbay buses on I-580
- Saving 10+ minutes every day → most effective way to shift commuters into carpools and buses

# Breaking the Project Delivery Paradigm: West Grand Ave. On-Ramp Bus/HOV Lane Delivered in 2.5 Years

Project Kick-off	June 2016
Decision Document	August 2016
Design Feasibility Study	September 2016
Environmental Clearance (CE)	April 2017
Project Approval (PEER)	March 2018
Final Design	April 2018
Invitation for Bid	April 2018
Anticipated Construction Contract Approval	June 2018
Anticipated Construction Begin	July 2018
Anticipated Construction Completion	Early 2019