



Board Report

File #: 2016-0867, **File Type:** Contract

Agenda Number: 8

**AD HOC CONGESTION, HIGHWAY AND ROADS COMMITTEE
JANUARY 18, 2017
CONSTRUCTION COMMITTEE
JANUARY 19, 2017**

SUBJECT: CONSTRUCTION MITIGATION FOR I-5 SOUTH CAPACITY IMPROVEMENTS FROM I-605 TO ORANGE COUNTY LINE

ACTION: APPROVE MEASURE R FUNDS TO MITIGATE I-5 CONSTRUCTION

RECOMMENDATION

CONSIDER:

- A. APPROVING up to \$500,000 in **Measure R 20% Highway Funds for design and construction of two temporary signals for the properties at 16810 -16900 Valley View Avenue in Cities of La Mirada and Cerritos;** and
- B. AUTHORIZING the Chief Executive Officer to execute the necessary agreements with Caltrans to implement the mitigation.

ISSUE

The I-5 South Capacity Improvements project includes freeway widening and construction of HOV lanes and other improvements between I-605 and the Orange County Line. The State of California Department of Transportation (Caltrans) designed and is managing construction of the Projects.

Valley View (Segment 2) between Artesia Boulevard and North Fork Coyote Creek is the last segment of the I-5 South Capacity Improvements project for which a construction contract was approved on July 15, 2016. Construction on Valley View began in November, 2016 and is expected to be completed in 2022.

To mitigate traffic impacts resulting from construction as required by the project's environmental document, Caltrans developed Traffic Management Plans (TMPs) for each construction stage. Caltrans traffic modeling suggested that the detour routes identified in the TMP would provide the needed capacity for the anticipated volumes. However after the contract was awarded, Parkway La Mirada Association expressed concerns over the ingress and egress during the construction staging around the properties at 16810 - 16900 Valley View Avenue and has requested implementation of appropriate mitigation measures to remedy the traffic impacts on their properties during construction

period.

DISCUSSION

Currently, the properties at 16810 - 16900 Valley View Avenue have three driveways without signalization. The construction staging in this area will reduce Valley View Avenue from four to two through lanes. The property owners hired a traffic consultant and provided Caltrans with the daily traffic count data of vehicles entering and leaving the properties through three driveways. Based on the data, Caltrans agreed that the lane reduction on Valley View Avenue would make the ingress and egress at the impacted properties worse during the construction period.

In order to optimize the traffic circulation at this location, installation of two temporary signals at the northerly and southerly driveways of the impacted properties is required as a mitigation measure during construction. The property owners, local businesses, Cities of La Mirada and Cerritos and Caltrans are in support of this recommendation.

DETERMINATION OF SAFETY IMPACT

There is no impact to public safety by approving this action.

FINANCIAL IMPACT

Caltrans will be reimbursed for the design and construction costs, up to \$500,000, upon completion of signal installation. Fiscal year 2017 budget will be reprioritized to absorb any or all portions of this cost within the adopted budget; no additional FY17 funds are sought through this recommendation. Since Segment 2 of the I-5 South Capacity Improvements is a multi-year project, the project manager, the cost center manager, and the Chief Program Management Officer are responsible for future year budgeting.

Impact to Budget

Segment 2 of the I-5 South Capacity Improvements, project 460337, is funded at \$631.1 million with Local Funds of \$161.1 Million, State Funds of \$350 million, and Federal Funds of \$120 million.

Funding up to \$500,000 for this work will be provided from Measure R 20% Highway Capital funds, within the I-5 Capacity Enhancement from I-605 to Orange County Line Funds (Line 27 of Measure R Expenditure Plan). This fund is not eligible for Metro bus and rail operations or capital projects.

ALTERNATIVES CONSIDERED

The Board may choose not to approve the staff's recommendation. However, this disapproval would adversely impact residents and businesses and may require broader actions by the Cities to divert pass through traffic to other corridors upon receiving citizen complaints.

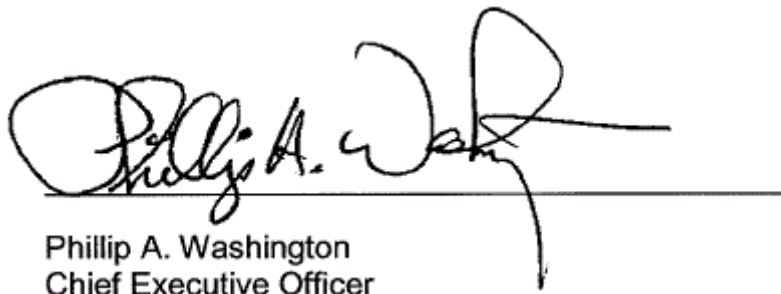
NEXT STEPS

Upon Board's approval of the recommended action, Metro staff will coordinate with Caltrans to implement the work.

Attachments: Valley View Temporary Signals Aerial Maps

Prepared by: Victor Gau, Director of Engineering, Highway Program (213) 922-3031
Aline Antaramian, Deputy Executive Officer, Highway Program (213) 922-7589
Abdollah Ansari, Senior Executive Officer, Highway Program (213) 922-4781
Bryan Pennington, Deputy Chief Program Management Officer (213) 922-7449

Reviewed by: Richard F. Clarke, Chief Program Management Officer (213) 922-7557



Phillip A. Washington
Chief Executive Officer



Cerritos

**Southerly Driveway
Temp. Signal**

**Northerly Driveway
Temp. Signal**

**Area Affected
by Construction**

La Mirada

**16810 -16900 Valley
View Ave Properties**



Map labels include: Parkwall Ave, Antonio Ave, Marcuardt Ave, Jacob St, Sirkman Rd, Batten Court St, Edwards Rd, 168th St, Elmont Ave, Ataway Dr, Freeway Dr, Valley View Ave, Fabrica Way, Coyote Creek Bikeway, Industry Cir, Phoebe Ave, Trojan Way, Osmond Ave, Knott Ave, S Knott Ave, Artesia Blvd, Firestone Blvd, Santa Ana Hwy, Catter Dr, Dolly Ave, Mid-Counties, Chevron Way, Northam St, Canary Ave, Heron Ave, and Freeway Dr.



**Area Affected
by Construction**

**Northerly Driveway
Temp. Signal**

**Southerly Driveway
Temp. Signal**

**16810 - 16900 Valley
View Ave Properties**

Valley View Ave

Frostons Blvd

Sandra Area Pkwy