**File #:** 2017-0408, **File Type:** Program **Agenda Number:** 9

**AD-HOC CONGESTION, HIGHWAY AND ROADS COMMITTEE**
**JULY 19, 2017**

**SUBJECT: HIGHWAY OPERATIONAL IMPROVEMENTS IN LAS VIRGENES MALIBU SUBREGION**

**ACTION: APPROVE UP TO $4.7 MILLION OF ADDITIONAL PROGRAMMING FOR THE SUBREGIONAL PROJECT LIST**

## RECOMMENDATION

CONSIDER:

A. APPROVING up to $4.7 million in programming for Measure R Line 32, Highway Operational Improvements in Las Virgenes Malibu Subregion for project number MR311.34 - Long Valley Road/Valley Circle/US-101 Northbound (NB) On-Ramp improvements; and

B. AUTHORIZING the CEO or his designee to negotiate and execute all necessary agreements for approved project.

## ISSUE

Long Valley Rd. is a combined city street/on-ramp to NB US-101 and provides access to Hidden Hills. During the morning peak hours, Long Valley Rd. is heavily congested, resulting in queuing on adjacent Valley Circle Blvd. Currently, the Long Valley Rd. and Valley Circle Blvd. intersection operates at a Level of Service F during peak morning traffic. To reduce traffic congestion on Long Valley Rd. and Valley Circle Blvd., the City of Hidden Hills proposes to construct a right turn pocket at the stop-controlled NB US 101 On-ramp/Long Valley Road intersection and purchase right-of-way for a parking/staging area on Long Valley Rd. to minimize congestion on the freeway ramp and local streets.

## DISCUSSION

Long Valley Rd., which provides access to NB US-101 from Valley Circle Blvd. and ingress/egress to Hidden Hills, is heavily congested during peak traffic hours. This road provides two lane NB access to US-101 and one lane access from Hidden Hills to Valley Circle Blvd.

Due to the high traffic demand accessing both the US-101 and Hidden Hills during morning peak traffic hours, traffic queues up from the stop-controlled NB U.S. 101 on-ramp to Valley Circle Blvd. on

Long Valley Rd. A traffic study conducted by the City of Hidden Hills shows that average queue lengths on Long Valley Rd. measure up to 778 ft., impeding turning movements at the intersection of Long Valley Rd. and Valley Circle Blvd.

Additionally, Long Valley Rd. currently has unpaved shoulders making pedestrian access to bus stops on Valley Circle Blvd. and the neighboring shopping center on Calabasas Road difficult. The existing conditions also lead to safety concerns as pedestrians use non-designated crossings on Long Valley Rd.

Proposed Improvements

This project proposes the following improvements (Attachment A):

- Construction of a right-turn pocket at the stop-controlled NB US 101 On-ramp/Long Valley Rd. intersection.
- Right-of-Way acquisition for construction of a parking/staging area on Long Valley Rd. outside the Hidden Hills gatehouse to reduce queuing of vehicles on the freeway ramp waiting to enter Hidden Hills.
- Construction of an ADA compliant sidewalk on Long Valley Rd. and Valley Circle Blvd. from the stop-controlled NB US-101/Long Valley Rd. intersection to Valley Circle Blvd./Ventura Blvd. intersection.

Cost Estimate

The City of Hidden Hills estimates that development and implementation of the project will cost approximately $5.7 Million (Attachment B)

Funding Sources MR311.34 - Long Valley Rd./Valley Circle/101 On-Ramp Improvements

| **Funding Sources** | **Amount** | **Fiscal Year** | **Comments** |
|---|---|---|---|
| Metro Board-Approved Measure R Hwy Operational Improvements Funds Las Virgenes Malibu (LVM) | $1,000,000 | FY15-16 & FY16-17 | Programmed by Metro Board in May 2015 |
| Requested Metro Board Approval of additional Measure R Hwy Operational Improvement Funds Las Virgenes Malibu In this Board Report. | $2,700,000 | FY17-18 | Approved allocation by LVMCOG Governing Board to City of Hidden Hills. (Attachment C) |
| **Total Measure R** | $3,700,000 | | |
| **SHORTFALL**: LVMCOG Measure R Hwy Op. Imp. and/or other sources | $2,000,000 | | Contribution by County of Los Angeles. |
| **Total** | **$5,700,000** | | |

Nexus to Measure R Highway Operational Improvements:

This project is a roadway improvement project providing a right turn pocket on Long Valley Rd. thereby reducing traffic congestion and providing better access to NB US-101. This is an eligible Measure R Highway Operational Improvement project.

Considerations

Additional funds and programming are being requested to ensure the City can bid on and acquire the right-of-way necessary for the project.

## DETERMINATION OF SAFETY IMPACT

Approval of additional programming capacity will have no adverse impact on the safety of Metro's patrons and employees.

## FINANCIAL IMPACT

Funding for this Highway Operational Improvement project is from the Measure R 20% Highway Capital Subfund earmarked for the Cities of Agoura Hills, Calabasas, Hidden Hills, Malibu, Westlake Village and the County of Los Angeles in Las Virgenes Malibu subregion (Project No. 460311). This program is under Cost Center 0442 in Account 54001 (Subsidies to Others). All programmed funds are based on estimated revenues.

The Measure R 20% Highway Capital Improvement Subfund for the Las Virgenes Malibu Subregion, earmarked $175,000,000 for Highway Operational Improvement Projects over the 30 year life of Measure R. To date, $141,851,000 has been programmed and Metro has incurred $85.5 million in expenditures for the subfund and 5 projects have been completed. Staff is seeking to increase the programmed funding threshold in an amount not to exceed $4.7 million, allocating $146,551,000 to the subregion.

Impact to Budget

FY18 budget for $65,000 resides in account 54001, cost center 0442, under project number 460311, Task MR311.34. Should additional funds be required during FY18, staff will revisit the budgetary needs using the mid-year budget processes. Since this is a multi-year contract/project, the Project Manager, the Cost Center Manager and the Senior Executive Officer, Program Management - Highway Program will be accountable for budgeting the cost in future years for Metro's share within the updated project budget.

The source of funds for this project is Measure R 20% Highway Capital which is not eligible for Bus and Rail Operations or Capital expenses.

## NEXT STEPS

Prior to commencement of right-of-way acquisition, the City will establish and demonstrate to Metro a full funding plan with multi-jurisdictional commitments. Upon approval of the funding plan by Metro, a Funding Agreement will be executed with the City of Hidden Hills.

## ATTACHMENTS

Attachment A - Aerial Photo
Attachment B - Engineer's Estimate
Attachment C - Letter of confirmation approving funding allocation by LVMCOG

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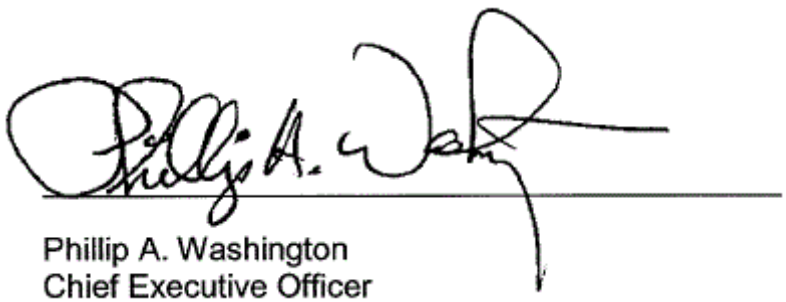

Phillip A. Washington
Chief Executive Officer

# ATTACHMENT A

## LOCATION MAP

# ATTACHMENT B

**Hidden Hills - Long Valley Road Improvements**
**Preliminary Cost Estimate**

| | Item Description | Unit | Qty. | Unit Cost | Item Total |
|---|---|---|---|---|---|
| | **CONSTRUCTION:** | | | | |
| | **Remove Existing** | | | | |
| 1 | 16" TREE | EA | 4 | 3,000 | 12,000 |
| 2 | 32" TREE | EA | 1 | 5,000 | 5,000 |
| 3 | SHRUBS | LS | 1 | 5,000 | 5,000 |
| 5 | CURB AND GUTTER | LF | 130 | 10 | 1,300 |
| 6 | DRIVEWAY | EA | 1 | 2,000 | 2,000 |
| 7 | CL FENCE | LF | 685 | 10 | 6,850 |
| 8 | GREENHOUSE | LS | 2 | 3,000 | 6,000 |
| | **Relocate Existing** | | | | |
| 9 | ROADSIDE SIGN, SINGLE POST | EA | 3 | 400 | 1,200 |
| 10 | ELECTRICAL PULLBOX | EA | 3 | 2,000 | 6,000 |
| 11 | MISC VENTS | EA | 2 | 5,000 | 10,000 |
| 12 | PETROLEUM PIPELINE SIGN | EA | 1 | 500 | 500 |
| 13 | POWER POLE W/ METER | EA | 1 | 10,000 | 10,000 |
| 14 | CALTRANS METER BOX | EA | 2 | 5,000 | 10,000 |
| 15 | CALTRANS PULLBOX | EA | 2 | 5,000 | 10,000 |
| 16 | FIRE HYDRANT | EA | 1 | 8,000 | 8,000 |
| 17 | FREEWAY/STREET SIGN, DOUBLE POST | EA | 5 | 3,000 | 15,000 |
| 18 | SPRINKLER BOX | EA | 1 | 2,000 | 2,000 |
| 19 | 30' STREETLIGHT W/ PULLBOX | EA | 6 | 8,000 | 48,000 |
| 20 | UTILITY BOX | LS | 1 | 5,000 | 5,000 |
| 21 | TRAFFIC SIGNAL CABINET | LS | 2 | 20,000 | 40,000 |
| | **New Installation** | | | | |
| 22 | GREENHOUSE | EA | 2 | 10,000 | 20,000 |
| 23 | GRADING AND CLEAR AND GRUB | LS | 1 | 80,000 | 80,000 |
| 24 | BOX CULVERT EXTENSION AND MODIFICATION | LS | 1 | 300,000 | 300,000 |
| 25 | RETAINING WALL | SF | 2,900 | 100 | 290,000 |
| 26 | CATCH BASIN | EA | 1 | 8,000 | 8,000 |
| 27 | STORM DRAIN | LS | 1 | 30,000 | 30,000 |
| 28 | CURB AND GUTTER | LF | 220 | 50 | 11,000 |
| 29 | AGG BASE | SF | 2,000 | 4 | 8,000 |
| 30 | ASPHALT CONCRETE | SF | 2,000 | 6 | 12,000 |
| 31 | SIDEWALK | SF | 7,800 | 15 | 117,000 |
| 32 | CURB RAMP | EA | 2 | 6,000 | 12,000 |
| 33 | CHAIN LINK FENCE | LF | 395 | 25 | 9,875 |
| 34 | HANDRAIL ON RET WALL | LF | 290 | 30 | 8,700 |
| 35 | TRAFFIC STRIPING | LS | 1 | 5,000 | 5,000 |
| 36 | ROADSIGNS | EA | 6 | 500 | 3,000 |
| 37 | EROSION CONTROL, SWPPP, WQMP | LS | 1 | 15,000 | 15,000 |
| 38 | CONSTRUCTION STAKING | LS | 1 | 10,000 | 10,000 |
| 39 | TRAFFIC CONTROL | LS | 1 | 20,000 | 20,000 |
| | **TOTAL CONSTRUCTION:** | | | | **1,163,425** |
| | **ROW:** | | | | |
| | ROW Acquisition (3,900 SF), appraisal, legal | | | | 200,000 |
| | **TOTAL ROW** | | | | **200,000** |
| | **ENGINEERING:** | | | | |
| | Environmental | | | | 50,000 |
| | Geotechnical | | | | 50,000 |
| | PS&E | | | | 174,514 |
| | Construction Management, Inspection, Materials Testing | | | | 139,611 |
| | **TOTAL ENGINEERING** | | | | **414,125** |
| | **PLAN REVIEW AND PERMIT FEES** | | | | **100,000** |
| | **SUBTOTAL** | | | | **1,877,550** |
| | **PARK AND RIDE LOT (SEE NEXT PAGE)** | LS | 1 | 2,827,524 | **2,827,524** |
| | **20% CONTINGENCY** | | | | **941,015** |
| | **TOTAL (INCLUDE PARK AND RIDE LOT)** | | | | **5,646,089** |

## Hidden Hills - Parking/Staging Lot

### Preliminary Cost Estimate

| | Item Description | Unit | Qty. | Unit Cost | Item Total |
|---|---|---|---|---|---|
| | **IMPROVEMENTS:** | | | | |
| 1 | REMOVE TREES AND SHRUBS | LS | 1 | 8,000 | 8,000 |
| 2 | GRADING AND CLEAR AND GRUB | LS | 1 | 5,000 | 5,000 |
| 3 | GRADING | LS | 1 | 22,000 | 22,000 |
| 4 | DRIVEWAY | EA | 2 | 5,000 | 10,000 |
| 5 | AGG BASE | SF | 17,600 | 4 | 70,400 |
| 6 | POROUS AC PAVEMENT | SF | 17,600 | 8 | 140,800 |
| 7 | INFILTRATION TRENCH AND DRAINS | SF | 4,400 | 15 | 66,000 |
| 8 | CURB AND GUTTER, INTERIOR | LF | 460 | 50 | 23,000 |
| 9 | LANDSCAPE AND IRRIGATION | LS | 4,400 | 20 | 88,000 |
| 10 | WATER METER AND CONNECTION | LS | 1 | 5,000 | 5,000 |
| 11 | STRIPING AND SIGNAGE | LS | 1 | 6,000 | 6,000 |
| 12 | SOUND WALL | LF | 185 | 200 | 37,000 |
| 13 | EROSION CONTROL AND WQMP | LS | 1 | 10,000 | 10,000 |
| 14 | CONSTRUCTION STAKING | LS | 1 | 8,000 | 8,000 |
| 15 | TRAFFIC CONTROL | LS | 1 | 2,000 | 2,000 |
| | **TOTAL CONSTRUCTION:** | | | | **501,200** |
| | **ROW:** | | | | |
| | LOT PURCHASE | | | | 2,000,000 |
| | FEES AND LEGAL | | | | 160,000 |
| | **TOTAL ROW** | | | | **2,160,000** |
| | **ENGINEERING:** | | | | |
| | Environmental | | | | 5,000 |
| | Geotechnical | | | | 6,000 |
| | PS&E | | | | 75,180 |
| | Construction Management, Inspection, Materials Testing | | | | 60,144 |
| | **TOTAL ENGINEERING** | | | | **146,324** |
| | **PLAN REVIEW AND PERMIT FEES** | | | | **20,000** |
| | **TOTAL** | | | | **2,827,524** |

**ATTACHMENT C**


***Las Virgenes-Malibu Council of Governments***

Member Cities: Agoura Hills, Calabasas, Hidden Hills, Malibu & Westlake Village
6165 Spring Valley Road, Hidden Hills, California 91302 • (818) 968-9088


June 20, 2017

Abdollah Ansari
Managing Executive Officer, Highway Program
Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza,
Los Angeles, CA 90012

Re: Hidden Hills' US 101 Freeway/ Long Valley Road Improvements

Dear Mr. Ansari:

Today, the Las Virgenes-Malibu Council of Governments (COG) approved and reaffirmed a total of $5.7 million in Measure R funds for Hidden Hills' proposed improvements of the Northbound US-101 On-Ramp at Valley Circle/Long Valley Road. The City of Hidden Hills has prepared the scope, preliminary design and an engineer's estimate of $5,646,088 for the Project.

In this action, the Governing Board reaffirmed the $2.2 million in Measure R Subregional Highway funds that the COG has previously approved for the project and added $1.5 million of Measure R Subregional Highway funds for a total of $3.7 million for the Project. Additionally, Governing Board approved $2 million of the County's Las Virgenes-Malibu COG Measure R Subregional Highway funds that Supervisor Kuehl agreed to contribute to complete the required funding for the Project.

The revised Project includes a right-turn pocket to relieve the recurring congestion on the freeway ramp/Long Valley Road, acquisition of the parcel for the proposed parking lot/staging area and the necessary striping, signage, etc.

Please let me know if you want to discuss any remaining details of the Project.

Yours truly,

Terry Dipple
Executive Director