



Bay Area Infrastructure Financing Authority  
101 8th St., Oakland, CA 94607  
TEL 510.817.5700  
EMAIL info@mtc.ca.gov  
WEB www.mtc.ca.gov

## *Memorandum*

TO: BAIFA

DATE: October 15, 2014

FR: Executive Director

W. I. 6840

RE: Cooperative Agreement – Design/Environmental Services and Oversight of Final Design and Right-of-Way Phases for I-880 Express Lanes in Alameda County: Caltrans (\$2,500,000)

This memorandum seeks approval for the Authority to enter into a cooperative agreement with the California Department of Transportation (Caltrans) for the Interstate 880 Express Lanes Project. The I-880 Express Lanes Project will convert existing HOV lanes on I-880 from the Santa Clara County line to Hegenberger/Lewelling Boulevard interchanges in Alameda County. This cooperative agreement allows Caltrans to provide 1) oversight reviews and approvals of the BAIFA's I-880 Express Lanes Project and 2) environmental and design services to incorporate express lanes' sign and lighting foundations as part of a separate Caltrans median barrier replacement project in the same corridor. Caltrans estimates its cost, reimbursable by BAIFA, for reviewing and approving the plans, specifications, and estimate (PS&E) documents and for environmental and design services, will not exceed \$2,500,000.

### **Background**

BAIFA and Caltrans are currently partnering under an existing cooperative agreement, effective June 20, 2012, that defines Caltrans and BAIFA's responsibilities for completion of a draft combined Project Study Report/Project Report (PSR/PR) and Project Approval/Environmental Documentation (PA/ED) for the Project. The existing cooperative agreement anticipates completion of the Project Initiation Document (PID) and PA/ED phases in early 2015. A 35% preliminary design is being completed during the PA/ED phase.

BAIFA and Caltrans have recently identified a significant opportunity to provide early delivery of portions of the Express Lanes project as part of a separate Caltrans project to replace the median barrier along I-880. Staff proposes to construct express lane median sign foundations and lighting as part of the Caltrans project. BAIFA would follow later with a separate BAIFA construction project to complete the installation of civil infrastructure for the express lanes. This approach is expected to reduce the overall construction duration in the median and minimize construction impacts to the public. Attached to this memorandum is a project update and information on scope, schedule, and local consultation.

The proposed cooperative agreement provides for (1) Caltrans oversight and review of multiple contract documents for the I-880 Express Lanes Project and (2) Caltrans' environmental and design services to incorporate some express lanes work into the Caltrans median barrier project. Additional agreements to reimburse Caltrans for construction and construction oversight of the incorporated express lanes work are anticipated at a later date.

**Recommendation**

Staff recommends the Authority authorize the Executive Director or his designee to negotiate and enter into a cooperative agreement with the Caltrans in an amount not to exceed \$2,500,000 to provide review, approvals, and environmental and design services as noted that are required for the Interstate 880 Express Lanes Project in Alameda County.



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Steve Heminger

SH: PL

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## REQUEST FOR AUTHORITY APPROVAL

### Summary of Proposed Cooperative Agreement

Work Item No.: 6840

Agency: California Department of Transportation (Caltrans)

Work Project Title: Oversight of Final Design and Right-of-Way Phases and Design Services for I-880 Express Lanes Project in Alameda County

Purpose of Project: The purpose of the BAIFA I-880 Express Lane project is to develop Express Lanes that utilize the current excess capacity of the existing High Occupancy Vehicle lanes. The project will also provide non-carpool eligible drivers with a reliable travel time option.

Brief Scope of Work: Caltrans will attend project planning meetings and monthly PDT meetings. Caltrans will also review and approve engineering studies, reports, plans, specifications, estimates and right-of-way documentation required for construction of the I-880 Express Lanes Project and will provide environmental and design support to incorporate Express Lanes work into a Caltrans median barrier replacement project in the same corridor.

Cost Not to Exceed: \$2,500,000

Funding Source: BATA Capital Program Budget

Fiscal Impact: Funding is included in the Express Lane Capital Project Budget, as adopted in the FY 2014-15 Toll Bridge Program Operating and Capital Budget (BATA Resolution No. 113).

Motion by Authority: That the Executive Director or his designee is authorized to negotiate and enter into a Cooperative Agreement with Caltrans as described above and in the Executive Director's memorandum dated October 15, 2014, and the Chief Financial Officer is directed to set aside funds in the amount of \$2,500,000 for such cooperative agreement.

BAIFA:

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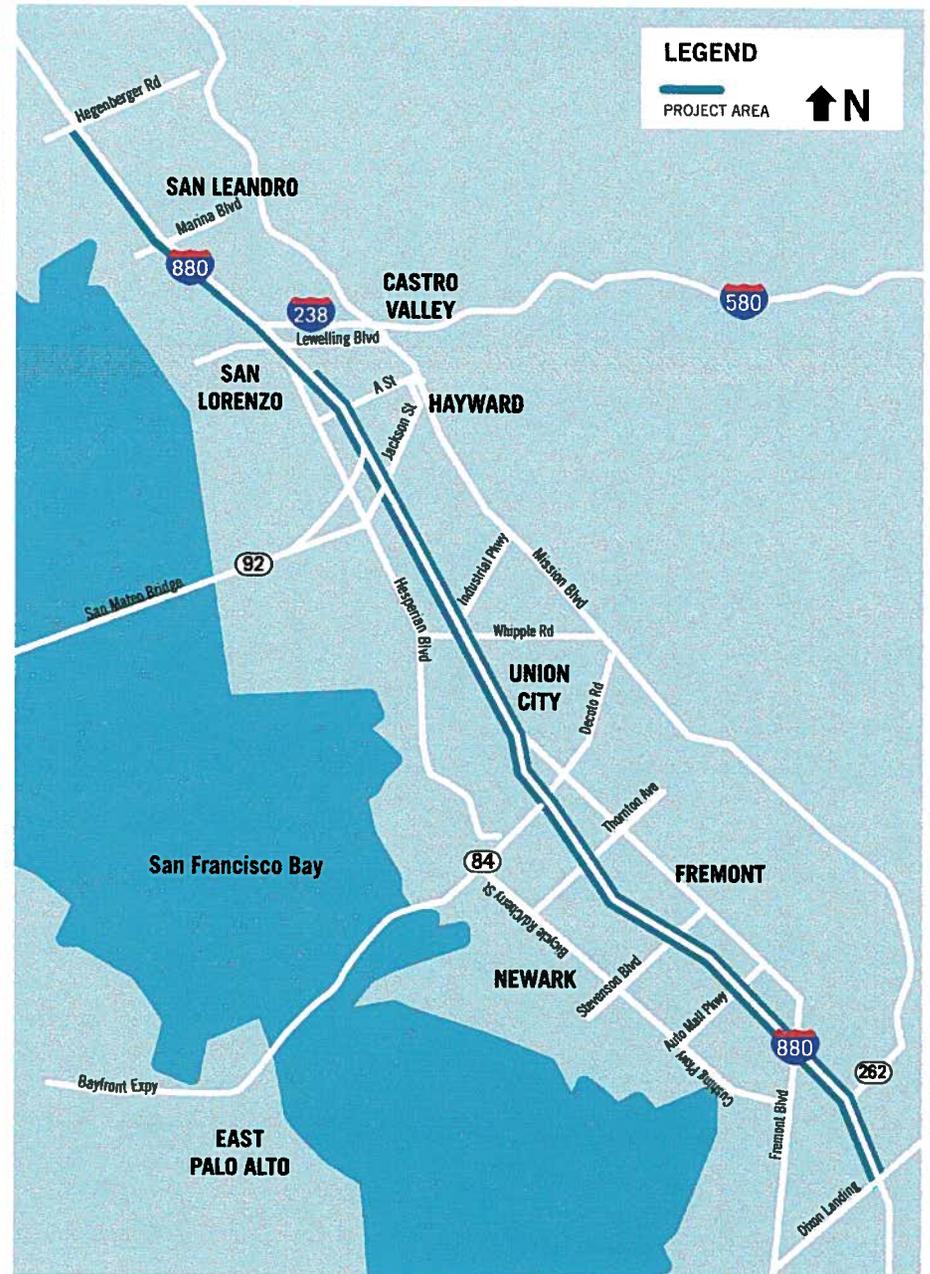
Amy Rein Worth, Chair

Approved:

Date: October 22, 2014

# Bay Area Express Lanes I-880 Corridor

October 22, 2014  
Bay Area  
Infrastructure  
Financing Authority



# I-880 Today

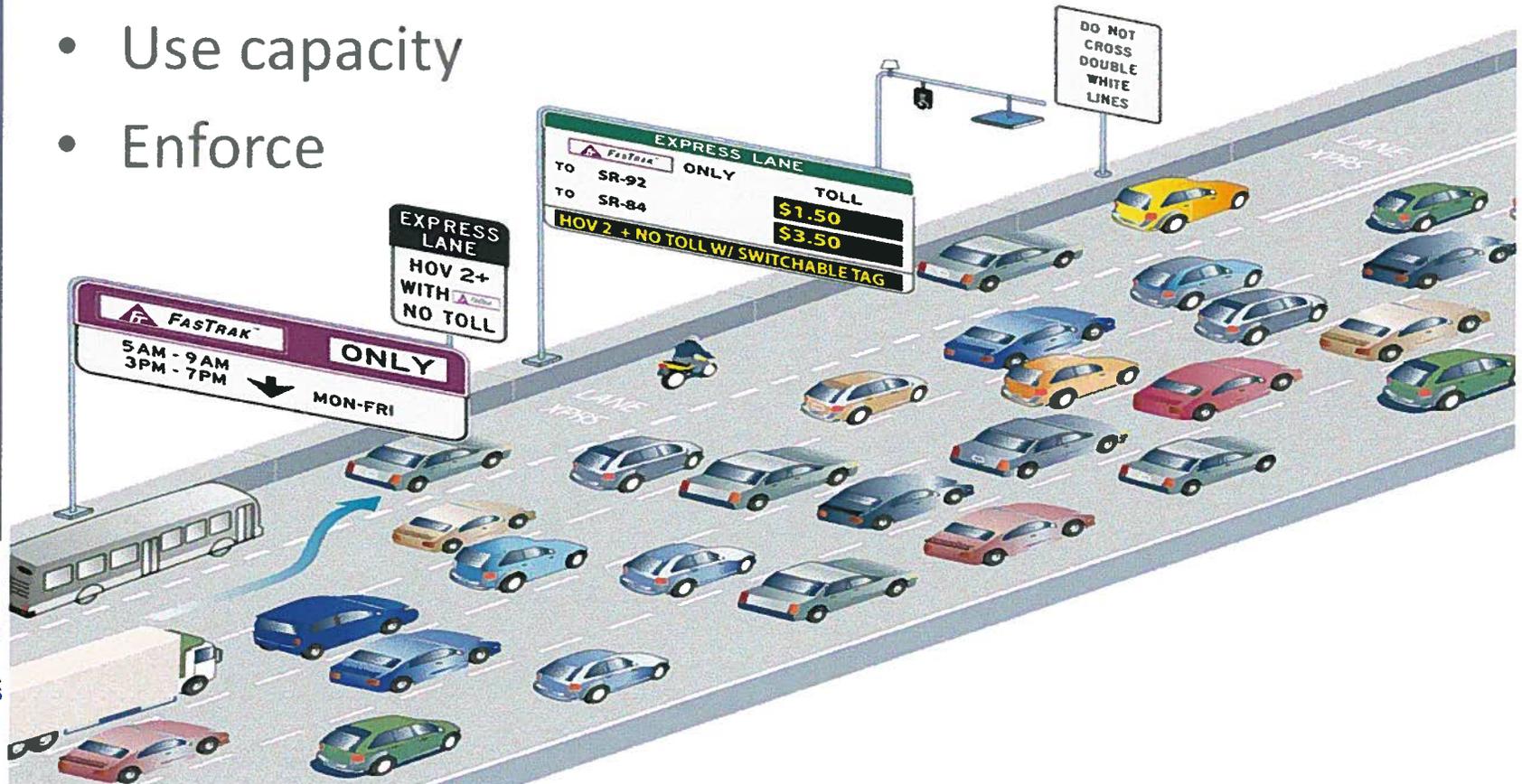


  
BAY AREA  
EXPRESS LANES



# Achieving Mobility Improvements

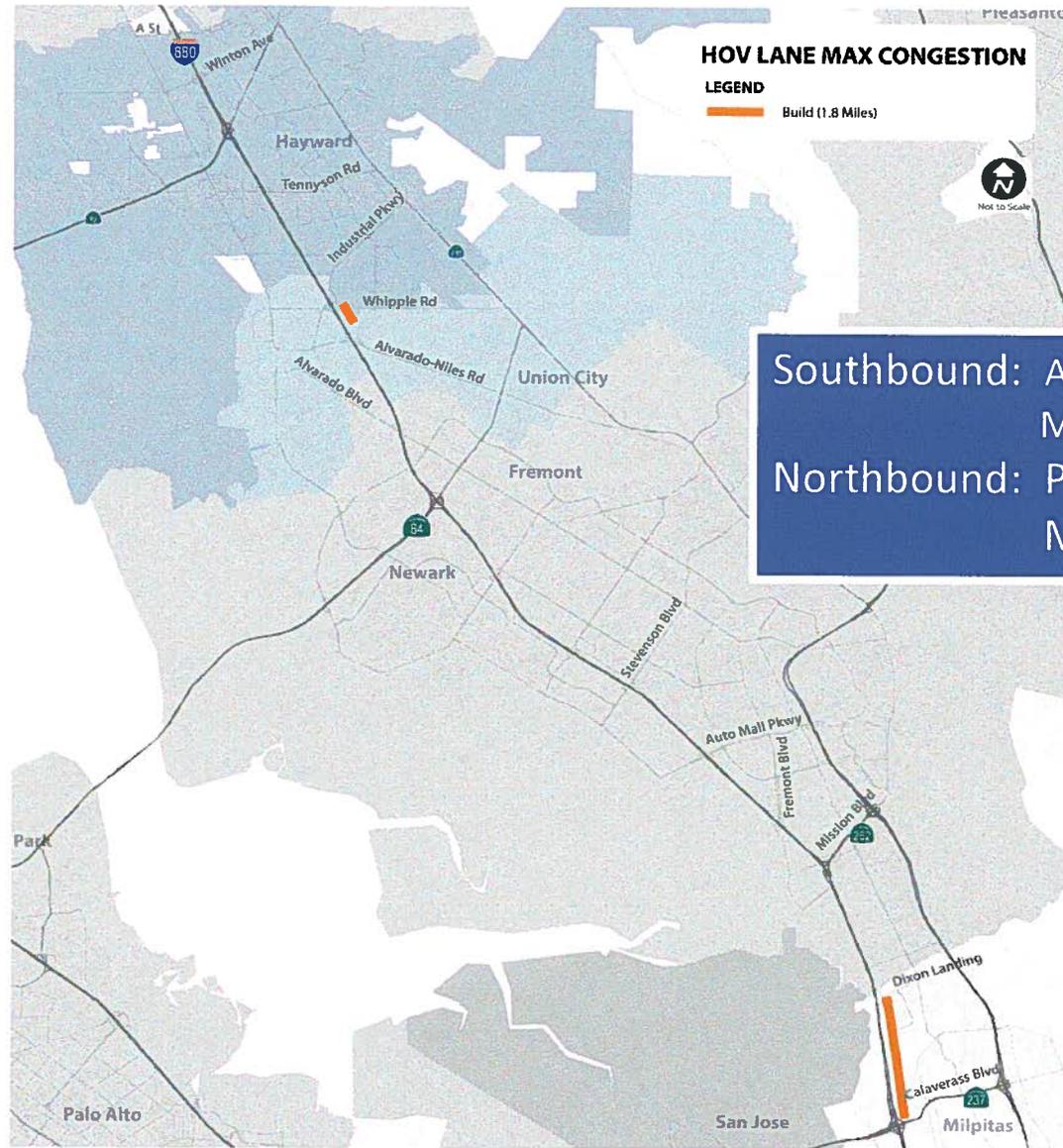
- Reclaim capacity lost to weaving
  - Maintain open access where possible
  - Use buffers where necessary
- Use capacity
- Enforce



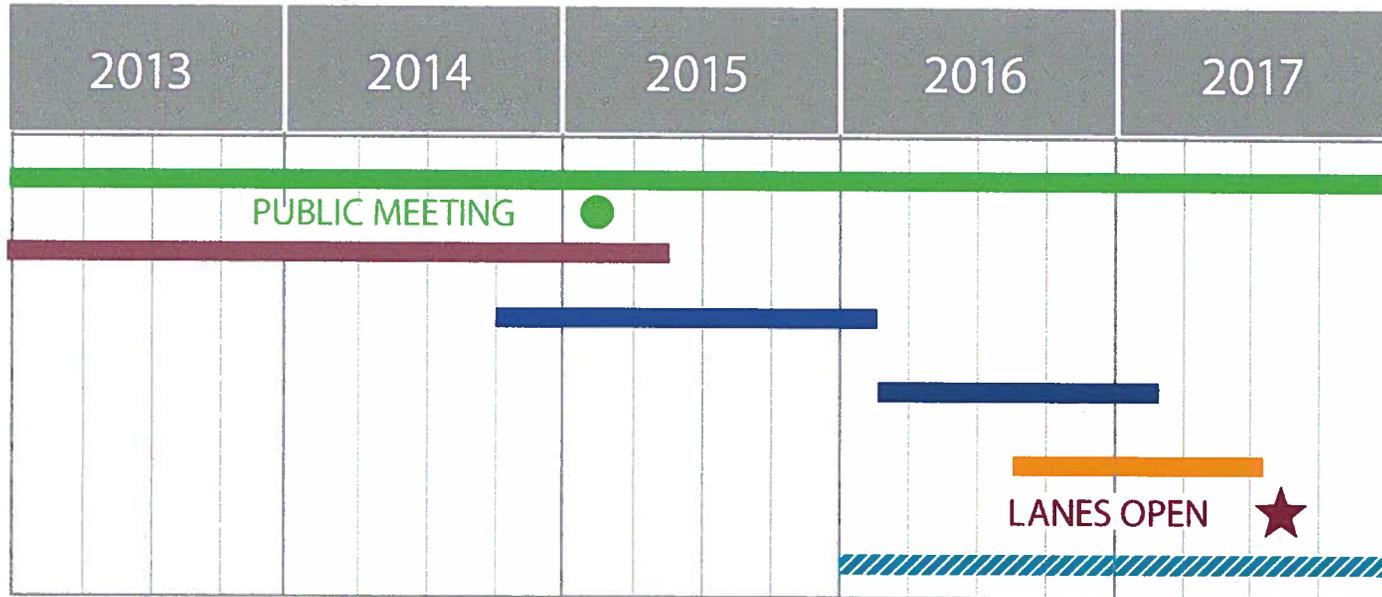
# Mobility Improvements by Managing Weaving



# 2017 Express Lane Congestion With Project



# I-880 Project Schedule



## EXPRESS LANES

- PUBLIC OUTREACH
- PROJECT & ENVIRONMENTAL REVIEW
- DESIGN (PS&E)
- CONSTRUCTION
- TOLL SYSTEM INSTALLATION & TESTING

## CALTRANS MEDIAN BARRIER REPLACEMENT

- ▨ CONSTRUCTION



# Caltrans I-880 PS&E Oversight Cooperative Agreement

- Proposed not to exceed \$2.5 million cooperative agreement provides for
  - Caltrans oversight and review of multiple contract documents for the I-880 Express Lanes Project and
  - Caltrans' environmental and design services to incorporate express lanes work into the Caltrans median barrier project
- Additional agreements to reimburse Caltrans for construction and construction oversight of the incorporated express lanes work are anticipated at a later date.



# Outreach Schedule

- Local Stakeholder Meetings – July/August 2014
- **Alameda CTC Committees/Commission– September/October 2014**
- City Council Meetings November/December 2014
- Public Meetings – January/February 2015
- Customer Education – Fall 2016 through Opening in Summer 2017

## **Local Stakeholder Meetings July/August 2014**

- Cities, County, AC Transit Staff
- Design Adjustment Considerations
  - AC Transit bus access
  - Buffer adjustments
- Public Outreach Planning



[BayAreaExpressLanes.org](http://BayAreaExpressLanes.org)