

Project EA: 04-0K220

Project ID: 0412000087

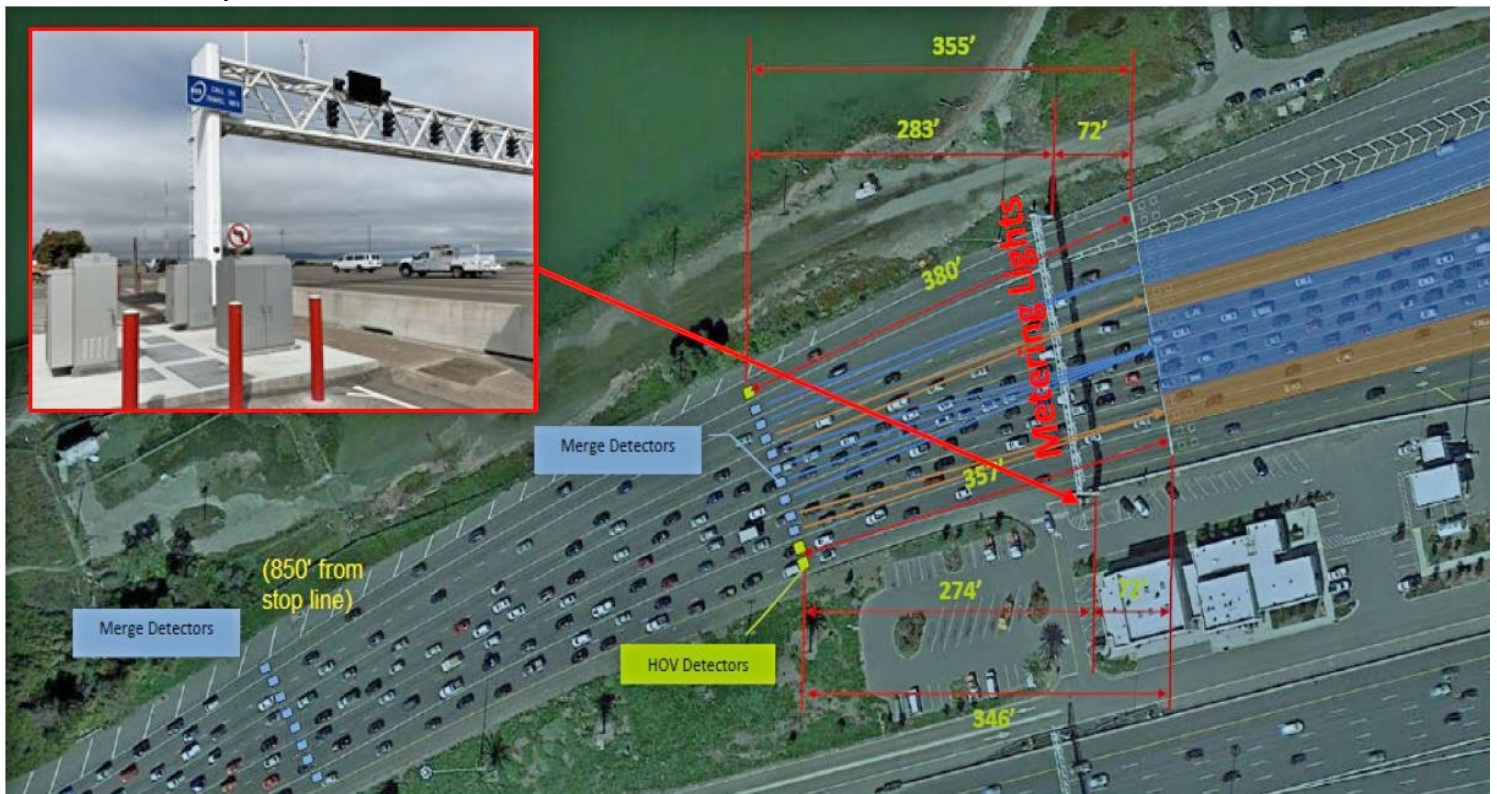
Type of Project: Rehabilitation

Description:

The Project proposes to improve the reliability of the performance of the system and travel times and reduce queues and delays at the SFOBB toll plaza, in the westbound direction, by upgrading the existing metering system.

Location:

In the San Francisco Bay Area and the SFOBB connects Interstate 80 (I-80) across San Francisco Bay.





BAY BRIDGE METERING LIGHT SYSTEM

DIVISION OF PROJECT AND PROGRAM MANAGEMENT

KENNETH S. YOUNG

Need for the Project:

The SFOBB Toll Plaza has a total of 20 approach lanes including 16 toll booths. These 20 total lanes are reduced to five downstream of the Toll Plaza. Because the system is controlled manually today and most of the central equipment and field elements are old and antiquated, there is a need to replace most, if not all, of the central metering light elements and install a more automated and adaptive metering system that will not only improve traffic flow onto the Bay Bridge, but will result in more effective and efficient staff operations of the metering system at the Caltrans District 4 TMC.

Schedule:

PAED	09/18/14 A
PS&E:	11/21/19 A
RTL:	11/27/19 A
Advertisement:	11/27/17 A
Award:	12/02/19 A
Begin Construction:	01/29/20 A
CCA:	01/20/22 A

Project Funding:

Bay Area Toll Authority (BATA) advertise, award, and administer project with Caltrans oversight with \$17,000,000 capital construction cost and \$3,100,000 for design and inspection support.

Environmental: Categorical Exemption approved on 04/8/2019

PROJECT NOTES:

Automated operation since 9/18/20 without system failures. TMC operators monitor the system without manually changing metering rates. The fine-tuning and adjusting system is more efficient and effective when metering traffic. Hence system operations are now more consistent than manual operations