

EXHIBIT (A): PROJECT DELIVERY CHART

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CORRIDOR MANAGEMENT IMPROVEMENT ACCOUNT (CMIA)
\$64.6 M Total

Traffic Light Synchronization Program (TLSP)
\$28.3 M Total

San Pablo Corridor Arterial and Transit Improvement Project
Categorical Exemption (CE) – Sept 30, 2009 (Actual)

Project #7 - Richmond Parkway Transit Center Improvements*
**AC Transit to fund \$4M to perform all work as a separate project.
Env: Spring 2011*

Project 6 - San Pablo Project
Design – Jan 27, 2010 (Actual)
\$24.3M Total Cost

Projects 1, 2, 4 & 5
Project Approval/ Environmental Document Approval (PA/ED) – July 2011

Project 3 - Traffic Operations System (TOS)
Categorical Exemption (CE) – Aug 31, 2009 (Actual)

Project 3- TOS
Design – Oct 28, 2009 (Actual)
\$ 2.9 M Total Cost

Project 1- Software & Systems Integration
Design - July 2011
\$8M Total Cost

Project 2 – Specialty Materials Procurement
Design – Jun 2012
\$5.8M Total Cost

Project 4- Adaptive Ramp Metering (ARM)
Design – Nov 2011
\$11.6M Total Cost

Project 5- Active Traffic Management (ATM)
Design – Nov 2011
\$32.2M Total Cost

PROJECT PHASES

ENVIRONMENTAL

DESIGN

Advertise, Award & Administer (AAA)
Construction Contract

CONSTRUCTION

AAA: ACTC
Construction:
Apr 2011 - May 2012

- Vehicle Detection System
- Highway Advisory Radio (HAR)
- Extinguishable Message Sign for HAR
- Wireless Communication

AAA: ACTC
Software Development:
*Mar 2012 – Jan 2015**

- ATMS software upgrades
- ARM and ATM Algorithms and software upgrades
- Caltrans TMC upgrades
- Communications Network
- Systems Integration
- Develop Signal System Incident Response Plan
- * Includes a 1-year rollout, implementation & commissioning period

AAA: ACTC
Procurement:
Oct 2012 – Apr 2014

- Variable Advisory Speed Signs
- Variable Message Signs
- Full Color Graphic CMS Info. Display Board
- Lane Use Signs

AAA: Caltrans
Construction:
May 2012 – Dec 2013

- Ramp Metering System
- Vehicle Detection
- Ramp Improvements
- CHP Enforcement Area
- Communication System

AAA: Caltrans
Construction:
May 2012 – Apr 2014

- Overhead Sign Structures
- Variable Advisory Speed Signs
- Variable Message Signs
- Full Color Graphic CMS
- Closed Circuit TV
- Communication System

AAA: ACTC
Construction:
*June 2011 – Jan 2014**

- Intersection Modifications
- Traffic Signal Installations
- Traffic Signal Controllers
- Transit Signal Priority
- Trailblazer Signs
- Non-Intrusive Detection System
- Local Arterial CMS Signs
- CCTV
- *1 year rollout, implementation & commissioning

AAA: AC Transit
Construction: TBD

- New Traffic Signal
- Bus Bay construction with instrumentation
- Parking Management System & Integration with I-80 ICM Project

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