



WCCTAC-TAC MONTHLY UPDATE – January 2013

- I. **STATUS OF OVERALL PROJECT (Refer to Project Delivery Strategy Chart dated October 31, 2012)**
- **SYSTEM INTEGRATION (#1)**
 - ✓ Request for Proposals (RFP) reviewed by industry in January 2010. DONE
 - ✓ Request for Proposals (RFP-phase 1) submitted to software development firms in September 2011. DONE
 - ✓ Request for Proposals (RFP-phase 2) submitted to software development firms in September 2011 in combination with phase-1. DONE
 - ✓ Proposals due date: December 16, 2011
 - ✓ Received two proposals
 - ✓ Interviews held on January 17, 2012
 - ✓ Delcan is the System Integrator for the project.
 - **SPECIALTY MATERIALS PROCUREMENT (#2)**
 - ✓ Procurement documentation finalized in March 2012
 - ✓ CTC Allocated Funds at the March 2012 meeting
 - ✓ Contract Documents issued for bids
 - ✓ Bid opened and awarded in July. Plan holder protest received.
 - Manufacturing of specialty signs and installation of signs: from Jan 2013 to mid 2014
 - **TOS PROJECT (#3)**
 - ✓ Completed design in October 2010. DONE
 - ✓ Construction allocation approved by CTC in January 2011. DONE
 - ✓ Advertise for Construction in March 2011: DONE
 - ✓ Lowest Bidder: Rosendin Electric (\$1.2M, about 35% below Engineer's Estimate)
 - ✓ Award Construction Contract in April 2011. DONE
 - ✓ Completed Construction in August 2012. DONE
 - **ADAPTIVE RAMP METERING PROJECT (#4)**
 - ✓ Complete design in Fall 2011.
 - ✓ CTC allocation in May 2012, after approval of MOU
 - ✓ One bid received from Taber Construction on August 24, 2012. Awarded in Sep '12
 - Pre-construction meeting held December 18, 2012.
 - Complete Construction in Summer 2014
 - **ACTIVE TRAFFIC MANAGEMENT SYSTEM (ATM) PROJECT (#5)**
 - ✓ Complete design in Fall-2011
 - ✓ CTC allocation in May 2012, after approval of MOU
 - ✓ Four bids received. Contract awarded to Peterson-Chase in October '12
 - Pre-construction meeting held January 9, 2013
 - Complete Construction in Fall 2014

- **SAN PABLO CORRIDOR, ARTERIAL AND TRANSIT IMPROVEMENTS PROJECT (#6)**
 - ✓ Completed design in January 2010. DONE
 - ✓ Construction allocation approved by CTC in January 2011
 - ✓ Advertised construction contract on April 14, 2011
 - ✓ Award Construction Contract in June 2011
 - ✓ Construction Ongoing
 - Complete Construction in mid 2013

- **RICHMOND PARKWAY TRANSIT CENTER IMPROVEMENTS (#7)**
 - ✓ **Lead Agency: AC Transit**
 - Environmental Clearance (CEQA cleared, but NEPA pending)
 - Due to budgetary constraints, this project is on hold.

II. STATUS OF KEY MILESTONES

- ✓ Completion of Environmental Document: July 29, 2011 - DONE

III. STATUS OF KEY DELIVERABLES TO BE REVIEWED BY WCCTAC-TAC MEMBERS:

- ✓ **Concept of Operations (CONOPS):** describes how system concepts will be operated in the corridors. The document begins by exploring alternative systems that may be employed, evaluates them based on the corridor constraints, and then explores the preferred concepts. Then operational concepts are developed of how the system will operate during various traffic conditions and how the stakeholders will operate/interact with the system. Final Draft provided to WCCTAC-TAC in November 2010.
- ✓ **Ramp Metering Plan (RMP):** will identify the initial ramp metering rates and operational plans to be used along the corridor. Project stakeholders will be involved in the review and approval process for concurrence on the rates/operational plan. Once the initial rates are implemented, Caltrans and associated project stakeholders will fine-tune the rates in the field (similar to a traffic signal turn-on) to achieve a satisfactory balance of operations. Final Draft provided to WCCTAC-TAC in August 2010. Final Ramp Metering Plan provided to WCCTAC-TAC in October 2010.
- ✓ **Project Implementation Plan (PIP):** will outline and set reasonable timelines for the anticipated four phases of the I-80 ICM project: 1) Project development; 2) Construction and integration; 3) System verification, testing and acceptance; and 4) System validation and operations. Draft Outline of the PIP provided to WCCTAC-TAC in December 2010. Comments received on January 24, 2011. Final Draft PIP submitted to WCCTAC and I-80 TAC on April 26, 2012.
- **Operations and Maintenance Memorandum of Understanding (O&M MOU):** will detail stakeholder roles and responsibilities related to operations and maintenance of all elements of the I-80 ICM project, including incident management, development of pre-approved signal timing modifications, adaptive ramp metering strategies, and maintenance/operations of installed equipment. Draft MOU submitted to WCCTAC on February 18, 2011. Comments received on September 14, 2011. Revised MOU submitted to WCCTAC on January 4, 2012. Final MOU to be submitted to WCCTAC on February 2, 2012. At the request of WCCTAC Board, a public information meeting was held on February 13, 2012 at the Richmond Auditorium. The MOU has been approved by all member agencies. The project team has summarized the follow-up actions and conditions of approval received at meetings into a response matrix. Final MOU to be distributed to WCCTAC & other stakeholders in May 2012 for execution. Signature forms received from all agencies. Final copy of the MOU will be sent to agencies. **Summary of ConOps describing stakeholders and process of incident**

response for review by City of El Cerrito attorney sent August 2012. Christina and Yvetteh to meet with Attorney to discuss whether additional legal agreements needed. (CHP may need to be involved if additional agreements needed.)

- **Operations and Management Plan (O&M Plan):** will outline the operational and management elements of the project, including the on-going and future costs for operations, management and maintenance of both freeway and arterial systems. Draft O&M Plan submitted to WCCTAC on February 25, 2011. O&M plan to be revisited with regard to changes incorporated into the MOU. O&M Plan to be updated by System Integrator. Summary of changes on Draft O&M Plan distributed to WCCTAC and other stakeholders in August 2012.
- **Incident Response Plan (IRP):** will define standard operating procedures and roles and responsibilities of each stakeholder (Caltrans, ACCMA, CCTA, CHP, WCCTAC, MTC, AC Transit, WestCAT, BART, and the local Jurisdictions along the Corridor). The IRP will include activation of Lane Use Signals, ramp metering modifications, pre-approved traffic signal timing plans, and other incident management strategies to be coordinated among above stakeholders. The IRP will also define events that could trigger the use the field devices such as Variable Advisory Speed Signs and Lane Use Signs. Conducted kickoff workshop with local agencies at the February 2012 I-80 TAC meeting. IRP TAC meeting held as necessary following WCCTAC-TAC meetings. IRP TAC meeting #2 held May 10, 2012 and discussed post-incident audit performance measures and Incident Management Strategy/ Implementation Steps. IRP TAC meeting #3 held on August 9, 2012. Individual strategies are currently being developed based on actual incidents and impacts. Draft strategies will be available to the stakeholders for review.
- **Public Outreach Plan:** included in Final MOU (4/17/12) approved by member agencies. Public Outreach Plan outlines strategies to disseminate periodic project information and updates to various stakeholders. Initial strategies include revising format of construction progress updates and monthly newsletter on Alameda CTC website (that could be linked from websites of various stakeholders). A proposed sample version of the report was distributed at the WCCTAC-TAC meeting on July 12, 2012. **DRAFT Summary of Objectives for Public Outreach Plan sent to I-80 TAC for review on December 3, 2012.**
- **Configuration Management Plan:** included in Final MOU (4/17/12) approved by member agencies. The Configuration Management Plan details the process to establish and maintain the integrity and control of software and hardware products. Plan will be submitted by System Integrator to WCCTAC & other stakeholders for review. Discuss further with System Integrator Schedule of Plan milestones to be provided to WCCTAC and other stakeholders in Q1 2013 (after System Integrator on board).

IV. OUTREACH:

- ✓ One-on-one meeting with cities – July 2010
- ✓ Second round of one-on-one meetings with cities – February and March 2011
- ✓ Provide monthly update to WCCTAC-TAC on status of project – on-going
- ✓ City Council meetings
 - ✓ April 4, 2011 – Albany
 - ✓ April 5, 2011 – Pinole
 - ✓ April 26, 2011 – Richmond
 - ✓ May 3, 2011 – Emeryville
 - ✓ June 6, 2011 – San Pablo
 - ✓ July 26, 2011 – Oakland
- ✓ Develop a public outreach strategy prior to release of the Draft Environmental Document (DED) – April 2011
- ✓ Public Meetings (2) – May 2011
- ✓ Public/Business outreach prior to start construction of San Pablo Project – September 2011
- ✓ Operations Focus Meetings – June 14, 2011 and July 27, 2011

✓ Public Information Meeting – February 13, 2012 at Richmond City Council chambers

V. ACTION ITEMS:

- *Caltrans PIO to handle all I-80 ICM questions (Raj)*
- *Provide pedestrian counts from San Pablo Avenue Study (Yvetteh).*
- *Discuss approach to preparing Public Outreach Plan; possible separate firm (Raj).*

Updated by: Randy Durrenberger/Elbert Chang, KHA
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January 3, 2013