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*Administration and Projects Committee Meeting* **STAFF REPORT**

**Meeting Date:** February 2, 2012

<b>Subject</b>	<b>Monthly Project Status Report</b>
<b>Summary of Issues</b>	This report outlines the status of current Measure projects. It also lists all completed projects.
<b>Recommendations</b>	None – for information only.
<b>Financial Implications</b>	None
<b>Options</b>	
<b>Attachments</b>	<b>A.</b> Monthly Project Status Report
<b>Changes from Committee</b>	

**Background**

The Project Managers for all Measure C and Measure J projects update the status of those projects for the Board’s information on a monthly basis.

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**I. ACTIVE PROJECTS***SOUTHWEST COUNTY***a. Caldecott Fourth Bore Project (1001/1698)**

**CCTA Fund Source:** Measure J

**Lead Agency:** CCTA

**Project Description:** Construction of a fourth bore between Contra Costa and Alameda Counties.

**Current Project Phases:** Construction

**Project Status:** In January the tunnel was reclassified from “Gassy” to “Potentially Gassy” which will allow the contractor to use different equipment in the tunnel other than the specialized equipment currently being used. This will potentially improve the contractor’s productivity. Mining continues on the bench from both the West Portal (over 195 meters) and the East Portal (over 50 meters). Two of the seven cross passages between bore three and four have been mined and three others are currently being mined. The cross passages are for emergency evacuations once the fourth bore is in operation. Work on the Operations and Maintenance Center (OMC) building continues. Preparation is underway for starting the waterproofing and final lining in February.

**Issues/Areas of Concern:** Differences in the geology encountered during mining compared to the contract documents will require an item quantity adjustment for Support Category IIA and deductions for several other support categories. The quantity encountered for Support Category IIA significantly exceeded the amount anticipated in the construction contract. In addition, the hard sandstone that was encountered has been assessed to be a changed condition per the terms of the contract. These two events could lead to significant additional cost which would be paid from the construction contingency and project reserve. These costs and timing of replenishment of the project contingency are currently being determined. Staff anticipates coordinating with the California Transportation Commission (CTC) and the Metropolitan Transportation Commission (MTC) to access funds under their control that have been held in reserve.

**b. Santa Maria Intersection Improvements (1623/1623SW) - No changes from last month**

**CCTA Fund Source:** Measure C

**Lead Agency:** City of Orinda

**Project Description:** The project will improve traffic lane signing and striping, improve traffic signal hardware, and improve overhead signage.

**Current Project Phases:** Design and Environmental Clearance.

**Project Status:** The Authority appropriated \$75,000 for design and environmental clearance in November 2010. The Design Consultant, Kimley-Horn and Associates, Inc. (KHA), has revised the signage plan to reflect comments from City Council. City staff is reviewing the changes that mainly consist of removing overhead signs from the SR24 Caltrans structure.

**Issues/Areas of Concern:** None.

**c. I-680 Auxiliary Lanes, Segment 2 (1106S2)**

**CCTA Fund Source:** Measure C

**Lead Agency:** CCTA

**Project Description:** Construct northbound and southbound auxiliary lanes on I-680 between Crow Canyon Road in San Ramon and Sycamore Valley Road in the Town of Danville.

**Current Project Phase:** Design.

**Project Status:** The 95% design was submitted to Caltrans in December 2011 for review and comments will be incorporated into the 100% design. The 100% Plans, Specifications and Estimate is planned to be approved by Caltrans in May 2012.

In September, the project was awarded a federal Interstate Maintenance Discretionary (IMD) funding grant. It was one of two projects within the state that were awarded funding. The project was also awarded \$1 million from the competitive portion of Prop 1B State and Local Partnership Program in October 2011. The project was fully funded with the adoption of the *2011 Measure C Strategic Plan in January 2012*. Although fully funded, the project is still a candidate for programming from Proposition 1B Corridor Mobility Improvement Account (CMIA) funds.

**Issues/Areas of Concern:** None.

**d. I-680 /Norris Canyon Carpool/Bus Ramps (8003)**

**CCTA Fund Source:** Measure J

**Lead Agency:** CCTA

**Project Description:** To provide direct HOV connector ramps from/to I-680 at Norris Canyon Road.

**Current Project Phase:** Project Approval/Environmental Document (PA/ED).

**Project Status:** The final Project Study Report (PSR) was signed by Caltrans on March 16, 2010. In June 2011, CCTA retained CH2M Hill to begin work on the environmental clearance phase of the project. Authority staff and CH2M Hill are currently involved in several community outreach efforts. A Public Scoping Meeting was held on Tuesday, November 29, 2011 at the San Ramon Community Center and was well attended. The project team is reviewing comments received at the meeting. The environmental clearance phase is expected to be completed in summer 2013.

**Issues/Areas of Concern:** High community interest has been expressed with a number of local residents voicing strong concerns to the proposed project. The project scope will also address local traffic circulation concerns. Caltrans has determined that an Environmental Impact Report (EIR)/Environmental Assessment (EA) is the appropriate level of document.

*CENTRAL COUNTY*

**e. Commerce Avenue Extension (1214)**

**CCTA Fund Source:** Measure C

**Lead Agency:** Concord

**Project Description:** The project will extend Commerce Avenue between Pine Creek and Waterworld Parkway and will rehabilitate the pavement section on Commerce Avenue between Concord Avenue and the end of Commerce Avenue near the cul-de-sac.

**Current Project Phase:** Design & Right-of-Way (ROW).

**Project Status:** The project's environmental clearance was obtained on November 10, 2009. The ROW phase is well underway. The City's ROW agent met with all property owners, completed appraisals, and prepared offers. Acquisition contracts have been recently approved by the City's legal department and the City is having the contracts

executed by property owners. The City Council approved ROW contracts for three property owners in December 2011. Discussions are proceeding with the other two owners.

Due to the economic climate, property assumed to be dedicated to the City will now need to be purchased. This unforeseen condition has resulted in increased right-of-way acquisition expenditures. The City is planning to request an additional appropriation for ROW funds. Although the plans are 90% complete, construction will be rescheduled to the fall/winter of 2012 and may be delayed again depending on the length of the ROW process.

**Issues/Areas of Concern:** The City is experiencing challenges related to Right-of-Way Acquisition which have delayed the project and may increase overall costs.

**f. Pacheco Boulevard Widening (1216/24003) - *No changes from last month***

**CCTA Fund Source:** Measure C/Measure J

**Lead Agency:** Contra Costa County

**Project Description:** This project consists of widening of Pacheco Boulevard from Blum Road to Arthur Road in the Martinez area to provide a two-way center left-turn lane and bicycle lanes.

**Current Project Phase:** Environmental clearance (started but now on hold).

**Project Status:** Measure C funds were used to environmentally clear a portion of the project near the Railroad overcrossing and acquire part of the right-of-way. Environmental clearance will start in late 2011 for the segments between Blum Road and Martinez City limit.

**Issues/Areas of Concern:** Project has a funding shortfall and requires coordination with the State to replace the railroad overcrossing. \$4.9 million is programmed for the project in the 2011 Measure J Strategic Plan.

**g. Martinez Intermodal Station – Phase 3 (2208A/4002) - *No changes from last month***

**CCTA Fund Source:** Measure C and J

**Lead Agency:** City of Martinez

**Project Description:** Project will acquire land north of the railroad tracks (already acquired), construct new road access to the north parking lot, add 425 parking spaces and build a pedestrian bridge over the tracks.

**Current Project Phase:** Design and Right-of-Way

**Project Status:** Demolition work of some existing structures is complete. Current interim parking lot improvements, which provided about 45 spaces, are complete. Preliminary parking lot design alternatives have been prepared. The City has selected a consultant to do the final parking lot design. Two existing warehouses will be incorporated into the design at this time. The Authority appropriated \$1,035,000 for final design and \$150,000 for additional right-of-way activities in September 2011.

**Issues/Areas of Concern:** None.

**h. Pacheco Transit Hub (2210)**

**CCTA Fund Source:** Measure C

**Lead Agency:** CCCTA/City of Martinez

**Project Description:** Construct a transit hub at Pacheco Boulevard and Blum Road. The project will relocate and expand the existing Park & Ride lot to provide 116 parking spaces and provide six bus bays for express and local bus service.

**Current Project Phase:** Design

**Project Status:** At its January 2012 meeting, the Authority appropriated an additional \$59,279 to the January 2009 construction appropriation of \$823,820, and added the City of Martinez as a project sponsor. Construction is scheduled to begin in June 2012.

**Issues/Areas of Concern:** The CCCTA Board approved a consultant agreement amendment with Nolte Associates to complete project design work at their August 18, 2011 meeting. Design is nearing completion using City of Martinez bidding documents. A revision to Resolution 09-01-P to transfer construction from CCCTA to the City of Martinez was approved at the Authority's January 2012 meeting. The annexation of the project site was approved by the Local Agency Formation Commission at its January 11, 2012 meeting.

**i. I-680 Southbound HOV Gap Closure (8001)**

**CCTA Fund Source:** Regional Measure 2, Measure J

**Lead Agency:** CCTA

**Project Description:** The project will add an HOV lane on southbound I-680 between North Main Street in Walnut Creek and Livorna Road in Alamo, a total of over five miles. When completed, I-680 will have a continuous HOV lane in the southbound direction of I-680 from Martinez to the Alameda County line.

**Current Phase:** Project Approval/Environmental Document (PA/ED)

**Project Status:** The consultant is proceeding with the environmental study work including finishing reconnaissance surveys for species of concern. The draft existing conditions traffic report will be submitted to Caltrans for review in early January. Traffic methodology has been approved. Identification of existing utilities is ongoing as well as early development of the geometrics by Caltrans. A briefing on the project was held with FHWA on December 7, 2011. FHWA had no issues or concerns to voice at this time related to the project.

**Issues/Areas of Concern:** The project scope will need to be confirmed or amended for the potential High Occupancy Toll (HOT) option, now that the MTC Express Lane application has been approved by the CTC.

**j. SR 242/Clayton Road Ramps (6002/6004)**

**CCTA Fund Source:** Measure J

**Lead Agency:** CCTA

**Project Description:** The project will provide operational improvements in the vicinity of Clayton Road and SR 242, in order to improve circulation within the Concord Central Business Area. Improvements may include constructing an on-ramp and associated acceleration/weaving lane to northbound SR242 near the intersection of Clayton Road and Market Street in Concord and an off-ramp and associated deceleration lane from southbound SR242 near Clayton Road.

**Current Phase:** Project Initiation Document (PID) – Project Study Report (PSR) Project Development Support (PDS).

**Project Status:** The CCTA Board approved the consultant contract with WMH Corporation in June 2011. The first order of work is to gather existing technical information and develop alternatives for study. The draft alternatives for study in the PSR will be presented to Caltrans and the technical studies for the PSR will be initiated.

**Issues/Areas of Concern:** The Authority has approved the reimbursement agreement with Caltrans for project oversight services. Project activities will resume when the agreement is fully executed.

**k. Comprehensive Wayfinding System – Central County BART Stations (10001-03) - *No changes from last month***

**CCTA Fund Source:** Measure J

**Lead Agency:** Bay Area Rapid Transit District (BART)

**Project Description:** Create and implement a cohesive, integrated wayfinding system for Central County BART stations. This project will provide overhead and wall signage, transit information displays, and real time transit information at each of the four Central County BART stations.

**Current Phase:** Design/Construction.

**Project Status:** The Authority appropriated \$2,600,000 for design and construction of improvements on January 20, 2010. Design was completed in March 2011, and construction is scheduled for completion in December 2012. Signage at Pleasant Hill is currently being installed. The other Central County stations will follow.

**Issues/Areas of Concern:** None.

**I. Electronic Bicycle Facility at Central County BART Stations (10001-04)**

**CCTA Fund Source:** Measure J

**Lead Agency:** Bay Area Rapid Transit District (BART)

**Project Description:** This project will provide bicycle storage facilities (electronic lockers, cages, racks, etc.) at the four Central County BART stations (Concord, N. Concord, Walnut Creek and Pleasant Hill) to meet projected 2015 demand.

**Current Phase:** Construction.

**Project Status:** The Authority appropriated \$905,000 for design and construction of improvements on January 20, 2010. An electronic locker contract was awarded to eLock Technologies LLC of Berkeley in the amount of \$2,334,384 to supply BART with approximately 1,008 lockers over the next five years. Initial deployment plans call for central county stations to receive the following locker allocations: Concord - 44; North Concord - 16 and Walnut Creek - 50; Pleasant Hill - 80. Lockers have been delivered to North Concord (8 spaces) and Concord (8 spaces). Delivery is expected for Pleasant Hill (32 spaces) by spring 2012.

**Issues/Areas of Concern:** None.

**m. Court Street Overcrossing – Phase 1 (24005)**

**CCTA Fund Source:** Measure J

**Lead Agency:** City of Martinez

**Project Description:** The project will construct a 19-foot wide bicycle, pedestrian, and emergency vehicle overcrossing to span Joe DiMaggio Drive, the four tracks of the Union Pacific Railroad and Marina Vista to connect North Court Street, within the Martinez Waterfront Park, with Court Street at Escobar Street. The construction of this overcrossing provides a grade-separated crossing of the Union Pacific Railroad, improving safety and reducing congestion for pedestrian and bicycle traffic accessing the Martinez Waterfront.

This project is considered the first phase of a two-phase project. The second phase includes a parallel 28-foot wide two-lane overcrossing that would carry vehicular traffic over Marina Vista, the Union Pacific Railroad, and Joe DiMaggio Drive.

**Current Phase:** Conceptual Engineering.

**Project Status:** The Authority appropriated \$200,000 for Preliminary Studies in October 2010. The city selected a consultant through a RFQ process to complete a scoping document for this project. Work on the scoping document started in fall of 2011 and is expected to be completed in winter of 2012.

**Issues/Areas of Concern:** None.

n. **Buskirk Avenue Widening – Phase 2 (24006)**

**CCTA Fund Source:** Measure J

**Lead Agency:** City of Pleasant Hill

**Project Description:** This is the final phase of a two-phase corridor improvement project to increase capacity and improve operations, circulation, and pedestrian/bike access by constructing additional travel lanes, improving signalization, alignment and pedestrian facilities. The project limits are from 500 feet south of Lamkin Drive to Hookston Road.

**Current Phase:** Design and Right-of-Way.

**Project Status:** The Authority appropriated \$700,000 for design in May 2010 and appropriated \$2.9 million for right-of-way in November 2010. Design and right-of-way are scheduled to be completed in June 2012. Pleasant Hill staff and their design consultant, TY Lin, attended a CCEAC Phase I design peer review meeting at CCTA on March 24, 2011. The meeting was very productive and staff received comments from committee members on design concerns/ recommendations and positive feedback on the quality and completeness of the design plans and specifications. The committee recommended moving forward with preparation of the 90% design plans.

**Issues/Areas of Concern:** None.

**o. Geary Road Improvements – Phase 3 (24007)**

**CCTA Fund Source:** Measure J

**Lead Agency:** City of Pleasant Hill

**Project Description:** The Geary Road Improvements, Phase 3 project will complete the third and last phase of a corridor improvements project along Geary Road. The purpose of this three-phase improvement project is to increase operations and pedestrian/bicycle safety through the construction of continuous dual left turn lanes and exclusive bike lanes and pedestrian sidewalks. Other necessary improvements such as drainage and street lighting will also be included. This is a cooperative project between the City of Pleasant Hill and the City of Walnut Creek due to the location of the city limit line, which runs down the middle of Geary Road in the project limits.

**Current Phase:** Environmental Clearance and Design.

**Project Status:** The Authority appropriated \$186,000 for environmental studies and \$868,000 for design in April 2011. Environmental work is 65% complete. Design efforts just started. Construction is currently scheduled to start in summer of 2013.

**Issues/Areas of Concern:** None.

**p. Clayton Road/Treat Blvd/Denkinger Road Intersection Capacity Imp. (24028) - *No changes from last month***

**CCTA Fund Source:** Measure J

**Lead Agency:** City of Concord

**Project Description:** The Clayton Road/Treat Boulevard/Denkinger Road Intersection Capacity Improvements will upgrade traffic signal phasing at the intersection and widen the eastbound Treat Boulevard approach to include two exclusive left-turn lanes, two through lanes and one right-turn lane. The proposed improvements will improve the system-wide signal coordination along Clayton Road during the peak periods.

**Current Phase:** Design and Right-of-Way.

**Project Status:** The Authority appropriated \$154,600 for preliminary engineering/environmental planning and environmental clearance work in March 2010. The traffic study is complete and the study report is final with the project now moving into the design and right-of-way phases.

**Issues/Areas of Concern:** None.

## WEST COUNTY

**q. Richmond Transit Village BART Parking Structures (2302) - *No changes from last month***

**CCTA Fund Source:** Measure C

**Lead Agency:** Richmond Community Redevelopment Agency

**Project Description:** The project will construct a 769-space, six-level parking structure at the Richmond BART station. The project will replace most of the surface parking (leaving a small area of 44 parking spaces) and free up land for building 99 residential units on the east side of the station. 193 parking spaces will be added at the station when this project is complete.

**Current Project Phase:** Construction.

**Project Status:** The CTC allocated \$10.2 million for construction in October 2009. The construction contract was awarded on February 16, 2010. A groundbreaking ceremony occurred on August 10, 2010. On January 19, 2011 the last of 720 torque-down piles were driven, completing this phase of the foundation. The ground floor slab and ramp was completed on August 30, 2011. The second and third floor decks are complete and the fourth floor deck is currently being constructed. The project is scheduled to be opened to the public in summer 2012.

**Issues/Areas of Concern:** None.

**r. I-80/San Pablo Dam Road Interchange (7002) - *No changes from last month***

**CCTA Fund Source:** Measure J

**Lead Agency:** CCTA/City of San Pablo

**Project Description:** Reconstruct existing interchange to provide improved pedestrian and bicycle access.

**Current Project Phase:** Design.

**Project Status:** The Final Environmental Document was signed by Caltrans on February 25, 2010. The Final Project Report was signed on May 24, 2010. A notice to proceed was issued to URS on April 21, 2011 to begin work on the design phase of the project. 35% design plans were submitted for Caltrans review in late December 2011.

**Issues/Areas of Concern:** A significant funding shortfall exists to complete the entire project; however, \$15 million will be programmed in the 2012 STIP for the first phase of the project. The Authority is also working with MTC to secure RM2 savings for the project.

s. **I-80/Central Avenue Interchange (7003) - *No changes from last month***

**CCTA Fund Source:** Measure J

**Lead Agency:** CCTA

**Project Description:** Improve overall traffic operations at the I-80/ Central Avenue Interchange and along Central Avenue between Jacuzzi Street and San Pablo Avenue.

**Current Project Phase:** Environmental Document for the Operational Improvement Project.

**Project Status:** The Feasibility Study was completed in July 2009. Two projects have been identified from the study. The first project is operational improvements to close the Central Avenue westbound traffic movement onto the I-80 southbound on-ramp on weekend peak hours and reroute traffic to the adjacent I-580 eastbound on-ramp. Staff is currently working on updating all technical studies required for the environmental clearance for this project. The environmental document will be a CEQA Categorical Exemption and a NEPA Categorical Exclusion. The project is progressing allowing access to Jacuzzi Street while restricting the westbound I-80 on-ramp access. Environmental clearance is scheduled for early 2012. Design will follow in spring 2012, and construction will be scheduled in fall 2012.

The second project identified in the feasibility study is a road realignment project that will connect Pierce Street and San Mateo Street south of Central Avenue to enable some traffic enhancements including adjusting the spacing of traffic lights on Central Avenue. The project will be led by one or both of the cities of El Cerrito and Richmond.

**Issues/Areas of Concern:** Some concerns have been raised about environmental and traffic issues for both projects mentioned above. These issues are currently being addressed in the environmental documents studies for the Operational Improvement project, and will be considered when doing the environmental document for the second project. In addition, it was assumed that the Phase 1 project could be constructed with the I-80 ICM project. However, the delivery schedule and addition of federal funds into the I-80 ICM project could eliminate this option.

**t. Marina Bay Parkway Grade Separation (9003) - No changes from last month**

**CCTA Fund Source:** Measure J

**Lead Agency:** Richmond Redevelopment Agency

**Project Description:** The project will construct a roadway undercrossing at the intersection of Marina Bay Parkway and BNSF/UP railroad tracks between Regatta Boulevard and Meeker Avenue in the City of Richmond. The undercrossing will replace an existing at-grade crossing.

**Current Project Phase:** Design

**Project Status:** A CCEAC peer review committee completed a phase II peer review of the plans on January 5, 2011. The committee agreed that further reviews are not necessary and recommended approval of the plans. The Authority approved the recommendation at the February 16, 2011 meeting. At the October CTC meeting, the project was allocated \$18,975,000 in Proposition 1B Trade Corridors Improvement Funds. At its December meeting, the Authority appropriated \$9,100,000 in Measure J funds for construction. The City anticipates advertising the project at the end of January with award in late April 2012.

**Issues/Areas of Concern:** None.

**u. Elect. Bicycle Facility at West County BART Stations (10002-03)**

**CCTA Fund Source:** Measure J

**Lead Agency:** Bay Area Rapid Transit District (BART)

**Project Description:** This project will provide bicycle storage facilities (electronic lockers, cages, racks, etc.) at the three West County BART stations (El Cerrito Plaza, El Cerrito del Norte and Richmond) to meet projected 2015 demand.

**Current Project Phase:** Construction.

**Project Status:** The Authority appropriated \$402,000 for design and construction of improvements on January 20, 2010. An electronic locker contract was awarded to eLock Technologies LLC of Berkeley in the amount of \$2,334,384 to supply BART with approximately 1,008 lockers over the next five years. Initial deployment plans call for west county stations to receive the following locker allocations: El Cerrito Del Norte - 24; El Cerrito Plaza – 8 and Richmond - 16. Delivery is expected for Del Norte (24 spaces) and Richmond (8 spaces) by spring 2012.

**Issues/Areas of Concern:** None.

v. **Comprehensive Wayfinding System for West Contra Costa BART Stations (10002-05) -  
*No changes from last month***

**CCTA Fund Source:** Measure J

**Lead Agency:** Bay Area Rapid Transit District (BART)

**Project Description:** Create and implement a cohesive, integrated wayfinding system for West County BART stations. This project will provide overhead and wall signage, transit information displays, and real time transit information at each of the three West County BART stations.

**Current Project Phase:** Design.

**Project Status:** The Authority appropriated \$1,600,000 for design and construction of improvements on January 20, 2010. Design was completed in March 2011, and construction is scheduled for completion in December 2012. BART and MTC have signed the Station Hub Agreement which brings additional funds for wayfinding at both Richmond and El Cerrito Del Norte. BART staff is working on a RFP for signage at all hubs and the other stations.

**Issues/Areas of Concern:** None.

w. **Interstate 80 Integrated Corridor Mobility (7005)**

**CCTA Fund Source:** Measure J

**Lead Agency:** Alameda County Transportation Commission (Alameda CTC)/ CCTA

**Project Description:** Utilize state-of-the-practice Intelligent Transportation System (ITS) technologies to enhance the effectiveness of the existing transportation along I-80, San Pablo Avenue and crossing arterials in Alameda and Contra Costa County between the Carquinez Bridge and the Bay Bridge. The project funding plan includes proposition 1B Corridor Mobility improvement Account (CMIA) funds and Traffic Light Synchronization Program (TLSP) funds.

**Current Project Phase:** Construction and Final Design.

**Project Status:** In January 2011, the CTC approved the amendment to reflect seven construction and procurement contracts. The CTC allocated funding for the I-80 Traffic Operation System (TOS) elements and the San Pablo Corridor Arterial and Transit Management project. The Alameda CTC awarded the construction contract in June 2011.

The lowest bid was \$8.911 million or 20% below the engineer's estimate of \$11.124 million. Construction started in late September 2011 and is well underway.

The environmental document for the remaining project elements was signed on July 29, 2011.

**Issues/Areas of Concern:** The project team continues to assess options to fund operating and maintenance costs. Caltrans, Alameda CTC and West County cities continue to discuss terms of a Memorandum of Understanding (MOU). The CTC indicated future allocations to the project will be contingent upon execution of the MOU.

#### *EAST COUNTY*

**x. SR4 Widening: Railroad Avenue to Loveridge Road (1405) - *No changes from last month***

**CCTA Fund Source:** Measure C

**Lead Agency:** CCTA

**Project Description:** State Route 4 was widened to four lanes in each direction (including HOV lanes) from approximately one mile west of Railroad Avenue to approximately ¾ mile west of Loveridge Road. The project also provided a median for future mass transit.

**Current Project Phase:** Highway Landscaping – Plant Establishment Period.

**Project Status:** Landscaping of the freeway mainline started in December 2009 and was completed in June 2010. A three-year plant establishment and maintenance period is currently in progress as required by the Cooperative Agreement with Caltrans.

**Issues/Areas of Concern:** None.

**y. SR4 Widening: Loveridge Road to Somersville Road (1406/3003)**

**CCTA Fund Source:** Measure C and J

**Lead Agency:** CCTA

**Project Description:** State Route 4 will be widened from two to four lanes in each direction (including HOV Lanes) between Loveridge Road and Somersville Road. The project provides a median for future mass transit. The environmental document also addresses future widening to SR 160.

**Current Project Phase:** SR4 mainline construction.

**Project Status:** Construction of the SR4 mainline and Loveridge Road widening began in June 2010. It is estimated that the project construction will be completed in late 2013, but the completion date depends on weather and the contractor's approved working schedule. The construction staging and duration is significantly affected by environmental permit restrictions associated with existing creeks and waterways within the project limits.

Current construction activities include new drainage and electrical facilities, the retaining wall adjacent to North Park Boulevard, concrete paving along westbound SR4 between Century Boulevard and Old Kirker Creek, base preparations for new pavement along eastbound SR4 between Old Kirker Creek and Century Boulevard, and work on the new southbound Loveridge Road Bridge over SR 4. The stems and soffit of the new southbound Loveridge Road Bridge are finished and installation of the formwork to place concrete for the new bridge deck is in progress. The new southbound Loveridge Road Bridge is anticipated to be complete in February. At that time, all Loveridge Road traffic will be temporarily switched onto the new bridge so demolition of the existing bridges over SR 4 can take place as well as construction of the new northbound Loveridge Road Bridge. While the new northbound Loveridge Road Bridge is being constructed, temporary access for the North Park Plaza shopping center will be via a temporary access point at California Avenue behind the shopping center.

The project construction is approximately 42% complete.

**Issues/Areas of Concern:** None.

**z. SR4 Widening: Somersville Road to SR 160 (1407/3001)**

**CCTA Fund Source:** Measure C and J

**Lead Agency:** CCTA

**Project Description:** State Route 4 will be widened from two to four lanes in each direction (including HOV Lanes) from Somersville Road to Hillcrest Avenue and then six lanes to SR 160, including a wide median for transit. The project includes the reconstruction of the Somersville Road Interchange, Contra Loma/L Street Interchange, G Street Overcrossing, Lone Tree Way/A Street Interchange, Cavallo Undercrossing and Hillcrest Avenue Interchange.

**Current Project Phase:** **Segments 1 & 2** – Construction Phase; **Segments 3A and 3B** – Right-of-Way Acquisition, Utility Relocation & Final Design Phase.

**Project Status:** The project is divided into four segments: 1) Somersville Interchange; 2) Contra Loma Interchange and G Street Overcrossing; 3A) A Street Interchange and Cavallo Undercrossing and 3B) Hillcrest Avenue to SR 160.

**Segment 1:** The Somersville Road Interchange project was awarded on December 23, 2010 to R&L Brosamer, Inc. for the bid price of \$35,727,083.49 (25% below the Engineer's Estimate). The total project allotment is \$39,641,000. Contract approval was received on January 19, 2011. Contract time started on March 16, 2011. The anticipated completion date is August, 2013 with no plant establishment period.

Since the start of construction, the contractor has been working on the various stage construction requirements of the project. The contractor has completed, or has under construction, various retaining walls and soundwalls along the north and south sides of the freeway as well as around all four quadrants of the Somersville Road Interchange. The bridge construction for the new westbound Somersville Road off-ramp is nearing completion. Other ongoing work includes: construction of the new eastbound off-ramp and on-ramp; construction of the new westbound off-ramp and on-ramp; mainline SR4 widening; barrier rail; temporary paving, K-rail and striping for detours/ re-routing of traffic in and around the existing interchange; stormwater protection installations; and median work along Somersville Road.

During the month of January, construction work continued on retaining walls that have the Delta Region Native Landscape Architectural Treatment along both the north and south sides of the freeway. Construction has continued on the north side of SR4 with westbound on-ramp and off-ramps and sections of mainline pavement widening. Along the south side of SR 4, work also continues on the new eastbound off-ramp and new eastbound on-ramp and portions of new mainline pavement widening. Drainage systems and electrical work are also ongoing.

Segment 1 construction is approximately 37% complete.

**Segment 2:** The Contra Loma Interchange/G Street project was awarded on October 11, 2011 to CC Myers, Inc. for the bid price of \$42,380,000 (16% below the Engineer's Estimate). The total project allotment is \$48,718,000. Construction is targeted to begin in early 2012 and be completed by spring 2015, weather permitting. Caltrans recently approved a contractor request for a two-month winter suspension of work with the freeway construction activities anticipated to begin in early March. A groundbreaking ceremony is anticipated to be held in March.

**Segment 3A:** Final PS&E is completed. The Ready to List (RTL) date is January 20, 2012. It is anticipated that the CTC will allocate State Proposition 1B Bond funds in January 2012. The target advertisement date for construction bids is still mid February 2012.

**Segment 3B:** This segment, Hillcrest Interchange area, was delayed due to coordination issues related to the future eBART station and geometric approval by Caltrans of the proposed Hillcrest Interchange. A combined 95% roadway and structures package was submitted to Caltrans on November 29, 2011 and is currently under review. The Ready-To-

List (RTL) date for this segment is targeted for June 2012. The Authority will advertise, award and administer the construction contract for this segment. Currently, it is anticipated that Segment 3B will be constructed using 100% local funds.

**Issues/Areas of Concern:** Availability of all fund sources in time to meet the project delivery schedule continues to be a concern for this corridor project. The delay of the freeway project will affect construction of eBART, which will operate in the newly constructed median of SR4.

Caltrans and the Segment 1 contractor (R&L Brosamer, Inc.) are currently engaged in some discussions about potential claims by the contractor. Caltrans provided a written response to a letter submitted by the contractor and Caltrans acknowledged that some portions of the issues raised by the contractor may have some merit, albeit with very minor impacts and costs to the project. All other issues have no merit according to Caltrans' position and opinion. The contractor recently submitted ten Notices of Potential Claims (NOPCs) to formally protect their claim noticing rights on issues raised by the contractor.

**aa. SR4 Bypass: SR4/SR160 Connector Ramps (5001)**

**Project Fund Source:** Bridge Toll Funds

**Lead Agency:** State Route 4 Bypass Authority/CCTA

**Project Description:** Complete the two missing movements between SR4 Bypass and State Route 160, specifically the westbound SR4 Bypass to northbound SR160 ramp and the southbound SR160 to eastbound SR4 Bypass ramp.

**Current Phase:** Final Design.

**Project Status:** Mark Thomas and Company is responding to Caltrans comments to finalize the Project Report. Project design has begun by Rajappan and Meyer Consulting Engineers with Caltrans oversight. Design is scheduled to be completed in May 2013.

The Authority has finalized a MOU with the SR4 Bypass Authority to transfer Lead Agency status to the Authority, and a MOU with TRANSPLAN and ECCRFFA to address cost issues should the \$50 million in Bridge Toll funds be insufficient to complete the project.

**Issues/Areas of Concern:** None.

**bb. SR4 Bypass: Widen to 4 Lanes – Laurel Rd to Sand Creek Rd & Sand Creek Rd I/C – Phase 1 (5002 & 5003)**

**CCTA Fund Source:** Measure J

**Lead Agency:** State Route 4 Bypass Authority/CCTA

**Project Description:** Widen the State Route 4 Bypass from 2 to 4 lanes (2 in each direction) from Laurel Road to Sand Creek Road, and construct the Sand Creek Interchange. The interchange will have diamond ramps in all quadrants with the exception of the southwest quadrant.

**Current Phase:** Construction.

**Project Status:** Final design is complete for the combined project and the project is scheduled for advertising in February 2012. The project successfully obtained \$25 million from CMIA reprogramming amendment savings. The CTC took action in December to move an additional \$8 million in savings from the SR4 Widening Project, Segment 2, to this project. Authority staff obtained necessary MOUs with the SR4 Bypass Authority, TRANSPPLAN and ECCRFA to transfer Lead Agency status for construction to the Authority and cover potential financial risk.

**Issues/Areas of Concern:** The City of Brentwood pulled out their request for out-of-scope work. West Coast Homes is working with Authority to add additional out-of-scope work to the construction contract through an addendum. Advertising of the project is currently scheduled by mid February 2012. Authority staff is coordinating with Caltrans and CTC to assess options to add work and not delay the contract.

**cc. East County Rail Extension (eBART) (2104/2001)**

**CCTA Fund Source:** Measure C and J

**Lead Agency:** BART/CCTA

**Project Description:** Implement rail transit improvements in the State Route 4 corridor from the Pittsburg Bay Point station in the west to a station in Antioch in the vicinity of Hillcrest in the east.

**Current Project Phase:** Final Design and Construction. BART is the lead agency for this phase. First Construction Package: Construction of the Transfer Platform and eBART Facilities in the median to Railroad Avenue is underway.

**Project Status:** Work has started on the transfer platform in the median. About 90% of the construction of the barrier rails is complete. Work continues on the foundation for the train control building and work on the access tunnel is 99% complete.

Coordination is ongoing between BART and CCTA consultants working on the design of the SR4 Widening Project focusing at this point on the Hillcrest segment (3B). A master integrated schedule has been developed for the eBART and SR4 Construction Contracts.

**Issues/Areas of Concern:** Availability of fund sources, including Prop 1B transit funding continues to be a concern. Possible delays in revenue service date could occur if funding of SR4 Widening construction is delayed due to funding issues.

**II. COMPLETED PROJECTS:***SOUTHWEST COUNTY*Measure C:

- 1104: I-680/Stone Valley Road I/C, 1998  
 1105: I-680/El Cerro Blvd. I/C Ramp Signalization, 1994  
 1106: I-680 Auxiliary Lanes: Segments 1 & 3, 2007  
 1107: I-680/Fosteria Way Overcrossing, 1994  
 1600: Moraga Rd. Safety Improvements, 2005  
 1602: Camino Pablo Carpool Lots, 1996  
 1607: Moraga Way at Glorietta Blvd. & Camino Encinas, 2001  
 1608: Moraga Way Safety Improvements, 2002  
 1609: Moraga Way /Ivy Dr. Roadway Improvements, 2004  
 1611: Mt. Diablo Corridor Improvements, 2001  
 1612: Moraga Rd. Corridor Improvements, 2005  
 1621: St. Mary's Rd. – Phase 2, 1999  
 1622: Moraga Rd. Structural & Safety Imp., 2005  
 1624: Bryant Way/Moraga Way Improvements, 2005  
 1711: St. Mary's Rd. Improvements, 1995  
 1625/1625SW: Moraga Way Rehabilitation & Improvements, 2011  
 1715: San Ramon Valley Blvd. Imp. – Phase 1, 1996  
 1716: Stone Valley Rd. Circulation Improvements, 2003  
 1717: Camino Tassajara Circulation Improvements, 2004  
 1718: Crow Canyon Rd. Improvements, 2001  
 1719: Sycamore Valley Rd. Improvements, 2008  
 1720: San Ramon Valley Blvd. Widening – Phase 1, 1997  
 1801: Camino Pablo (San Pablo Dam Corridor), 1996  
 2206: I-680/Sycamore Valley Road Park & Ride, 1998  
 2209: San Ramon Intermodal Transit Facility, 1996  
 3101: Iron Horse Trail – Monument to Alameda County Line, 1994  
 3103: Reliez Valley Road Trail – Phase 2, 2003  
 3106: St. Stephens/Bryant Way Trail, 1998

*CENTRAL COUNTY*Measure C:

- 1101: I-680/Burnett Ave. Ramps, 1995  
 1103: I-680/North Main Street Bypass, 1996  
 1108: Route 242/Concord Ave. Interchange, 1997  
 1113: Route 242 Widening, 2001  
 1116: I-680 HOV Lanes, 2005  
 1117: I-680/SR4 Interchange, 2009  
 1203: Alhambra Avenue Widening, 2011  
 1205: Taylor Blvd. /Pleasant Hill Rd./Alhambra Rd. Intersection Imp., 2000  
 1209: South Broadway Extension, 1996  
 1210: Monument Blvd./Contra Costa Blvd./Buskirk Ave. Imp., 1996  
 1215: Geary Rd. Improvements, 2002  
 1217: Bancroft/Hookston Intersection, 2004  
 1218: Buskirk Ave. Improvements, 2005  
 1219: Iron Horse Trail Crossing at Treat Boulevard, 2010  
 1220: Ygnacio Valley Rd. Slide Repair, 2008  
 1221: Contra Costa Blvd Signal Coordination 2009  
 2208: Martinez Intermodal Facility – Phase 1, 2001  
 2208: Martinez Intermodal Facility - Phase 2, 2006  
 2296: Martinez Bay Trail, 2007  
 3102: Walnut Creek Channel to CC Shoreline Trail, 2001

Measure J:

8002: I-680 Southbound Carpool Lane Extension (restripe), Nov 2011

24027: Ygnacio Valley Road Permanent Restoration – Phase 2

24029: Old Marsh Creek Road Overlay, 2010

*WEST COUNTY*

Measure C:

1300: Richmond Parkway, 1996

1501: SR4 (W) Gap Closure – Phase 1, 2002

1503: SR4 (W) Willow Ave. Overcrossing, 1996

2303: Hercules Transit Center, 2009

Measure J:

9001: Richmond Parkway Upgrade Study, 2008

*EAST COUNTY*

Measure C:

1401: SR4 (E) Willow Pass Grade Lowering, 1995

1402: SR4 (E) Bailey Rd. Interchange, 1996

1403: SR4 (E) Bailey Rd. to Railroad Ave., 2001

2101: BART Extension to Pittsburg/Bay Point,  
1996

3110: Marsh Creek Trail Overcrossing at SR4,  
1997

3112: Big Break Regional Trail, 2010

Measure J:

5006: Vasco Road Safety Improvements Project  
– Phase 1, 2011

5010: SR4 Bypass: Segments 1 and 3, 2008