

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

Meeting Date: December 1, 2011

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

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: Mining continues on the top heading from the East Portal (over 770 meters) and from the West Portal (over 180 meters). The contractor is also mining the bench from the West Portal (over 60 meters). The contractor has completed the mining of the first of seven cross passages between bore three and bore four. The mining of the second cross passage has begun. The cross passages are for emergency evacuations once the fourth bore is in operation.

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. The quantity encountered significantly exceeded the amount anticipated in the construction contract. In addition, recently encountered hard sandstone may be 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 are currently being determined.

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. On March 3, 2011 traffic consultant Kimley-Horn and Associates, Inc. (KHA) finalized a recommendations study for corridor improvements. Subsequently, on March 30, 2011 Orinda staff and KHA met with Caltrans staff to review the proposed design modifications to traffic signal equipment, intersection geometrics, roadway re-striping, signage, and potential

bicycle lane striping and signage. Caltrans has informed the City that the proposed design does not present a good solution for cyclists at the SR24 westbound on-ramp, and that the City should wait for adoption of the 2011 California Manual on Uniform Traffic Control Devices (MUTCD), which will likely include the change in the 2009 Federal MUTCD that allows the use of shared roadway bicycle markings in areas without parking.

Issues/Areas of Concern: None.

c. Moraga Way Rehabilitation & Improvements (1625/1625SW)

CCTA Fund Source: Measure C

Lead Agency: City of Orinda

Project Description: The project will improve pedestrian facilities and rehabilitate the pavement on Moraga Way between the southern terminus of Camino Encinas and the SR24 on-ramp at Bryant Way.

Current Project Phases: Construction.

Project Status: The Authority appropriated \$959,280 for construction activities in March 2010. On April 20, 2010 the City Council awarded the contract to MCK Services, Inc. of Concord, California in the amount of \$934,421.50. Construction of the project began on July 6, 2010. Final paving, concrete curbs, handicap ramps and crosswalks have been completed. Paving repairs, sidewalk repairs, and work on punch list items are continuing. Remaining construction is scheduled to be completed in December 2011.

Issues/Areas of Concern: None.

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

CCTA Fund Source: Measure C

Lead Agency: CCTA

Project Description: To provide 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: CCTA completed contract negotiations with Mark Thomas and Company and the Board approved the consultant contract in April 2011. The consultant has begun revalidation of the environmental document, which was originally completed in 2002. The 65% design was

submitted to Caltrans in September for review and comments are being incorporated into the 95% design.

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.

Issues/Areas of Concern: None.

e. 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: Preliminary Engineering/Environmental Clearance.

Project Status: The final 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 at the San Ramon Community Center.

Issues/Areas of Concern: None.

CENTRAL COUNTY

f. 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 expects to take the ROW contracts for three property owners to the City Council 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.

g. 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.

h. 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 of parking lot, access road and pedestrian bridge.

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.

i. Pacheco Transit Hub (2210) - *No changes from last month*

CCTA Fund Source: Measure C

Lead Agency: CCCTA

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: The Authority appropriated \$823,820 for construction in January 2009. Given the current schedule, the earliest construction could start is spring 2012.

Issues/Areas of Concern: The CCCTA Board approved a consultant agreement amendment with Nolte Associates to complete project design work at their August 18th meeting. The major concern was that project costs might not be covered with available funding. The City of Martinez is reviewing the plans to possibly manage construction of the project, pending annexation of the area. If annexation does not occur in a timely fashion, CCTA will accept construction management responsibilities.

j. 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.

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 was approved by the CTC.

k. 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 (Project Development Support) (PSR(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.

Issues/Areas of Concern: Caltrans is unable to review progress of the PID due to current policy on PID oversight. The Authority is developing a reimbursement agreement with Caltrans to continue with the project.

l. I-680 Southbound Carpool Lane Extension (8002)

CCTA Fund Source: Measure J

Lead Agency: Caltrans

Project Description: Project will restripe the median and extend the carpool lane along Interstate 680 in the southbound direction from Livorna Road to 0.9 mile north of Livorna Road. The project has been combined with a Caltrans SHOPP project to resurface 12.8 miles section on I-680 from Alcosta Boulevard in San Ramon to Rudgear Road Walnut Creek.

Current Phase: Construction .

Project Status: Caltrans announced the award of a construction contract to Concord-based Bay Cities Paving and Grading, Inc. on November 18, 2010. Construction is well underway and completion is planned for spring 2012. However, the restriping and signage for the extended HOV lane is now open to the public. A website has been created for the project at <http://www.dot.ca.gov/dist4/680ccrehab/>.

Issues/Areas of Concern: None.

m. Comprehensive Wayfinding System - Central Co. 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.

n. 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 by the end of the calendar year for Pleasant Hill (32 spaces).

Issues/Areas of Concern: None.

o. Court Street Overcrossing – Phase 1 (24005) - *No changes from last month*

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 went for a Request for Qualifications for consultant to do a scoping document for this project. Work on the scoping document is scheduled to start in fall of 2011 and is expected to be completed in winter of 2012.

Issues/Areas of Concern: None.

p. Buskirk Avenue Widening – Phase 2 (24006) - *No changes from last month*

CCTA Fund Source: Measure J

Lead Agency: City of Pleasant Hill

Project Description: This is the final phase of a two-phased 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 quality and completeness of the design plans and specifications. The committee recommended moving forward on preparing 90% design plans.

Issues/Areas of Concern: None.

q. Geary Road Improvements – Phase 3 (24007) - *No changes from last month*

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-phased improvements project is to increase operations and pedestrian/bicycle safety through the construction of continuous dual left turn lanes and exclusive bike lanes and pedestrian sidewalk. Other necessary improvements such as drainage and street lighting will also accompany the above improvements. 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 run 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. Construction is currently scheduled to start in summer of 2013.

Issues/Areas of Concern: None.

r. Clayton Road/Treat Boulevard/Denkinger Road Intersection Capacity Improvements (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.

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 phase.

Issues/Areas of Concern: None.

WEST COUNTY

s. **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 floor deck is complete and the third floor deck is currently being constructed. The project is scheduled to be opened to the public in summer 2012.

Issues/Areas of Concern: None.

t. **I-80/San Pablo Dam Road Interchange (7002)**

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 are expected to be complete early next year.

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.

u. I-80/Central Avenue Interchange (7003)

CCTA Fund Source: Measure J

Lead Agency: CCTA

Project Description: To study possible improvements of 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 that restricts the Central Avenue westbound traffic movement onto the I-80 southbound on-ramp on weekend peak hours and reroutes traffic to the adjacent I-580 eastbound on-ramp. Staff is currently working on updating all technical studies required for the environmental clearances 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 to 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.

v. Marina Bay Parkway Grade Separation (9003)

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 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 its February 16th, 2011 meeting. At the October CTC meeting, the project was allocated \$18,975,000 in Proposition 1B Trade Corridors Improvement Funds. The project can now be advertised for construction.

Issues/Areas of Concern: None.

w. 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 by the end of the calendar year for Del Norte (24 spaces) and Richmond (8 spaces).

Issues/Areas of Concern: None.

x. **Comprehensive Wayfinding System for W. 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.

y. **Interstate 80 Integrated Corridor Mobility (7005) - *No changes from last month***

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.

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.

EAST COUNTY

z. 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.

aa. 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, approach slabs at the bridges over Century Boulevard, concrete paving of areas west of Century Boulevard, and work on the new southbound Loveridge Road Bridge over SR 4. Erection of the current temporary support system (falsework) at the Loveridge Road overcrossing is nearing completion. The falsework will support the construction of the new southbound Loveridge Road Bridge. Full closures of SR 4 at night are required during the installation of this temporary support system.

The project construction is approximately 38% complete.

Issues/Areas of Concern: None.

bb. 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 Route 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 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 has started. Other ongoing work has included: closure of the existing eastbound "diamond" off-ramp to Somersville Road and start of the new eastbound off-ramp; temporary paving, K-rail and striping for early access and detours/ re-routing of traffic in and around the existing interchange; clearing & grubbing and stormwater protection installations; and median work along Somersville Road. Monthly schedule updates are being received.

During the month of November, construction work has continued on retaining walls that have the Delta Region Native Landscape Architectural Treatment along the north and south sides of the freeway. Progress on the new bridge for the westbound Somersville Road off ramp has included completion of all major concrete pours and approach slabs. Construction has continued on the pavement structural section for new westbound SR4, both east and west of Somersville Road. Drainage systems and electrical work have also been ongoing.

Segment 1 construction is approximately 30% 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 January 2012 and be completed by spring 2015, weather permitting.

Segment 3A: The final PS&E documents were submitted to Caltrans Headquarters and are currently under review. The Ready to List (RTL) date for this segment is targeted for late December 2011. The Authority submitted a Letter of No Prejudice (LONP) to the CTC in order to keep the project advertisement on schedule. The target advertisement date for construction bids is mid February 2012, almost 2 months later than previously reported. Authority staff is working with Caltrans to advertise as soon as possible.

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 is targeted for submittal this month. The RTL date for this segment is targeted for June 2012. The Authority will advertise, award and administer the construction contract for this segment.

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 run in the newly constructed median of SR4.

cc. 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: CCTA is completing contract negotiations with Rajappan and Meyer, the top ranked Tier 2 design consultant in response to the Design Services Request for Qualifications (RFQ 10-13) issued in September 2010.

The Authority has finalized a MOU with the SR4 Bypass Authority to transfer Lead Agency status to the Authority.

Issues/Areas of Concern: None.

dd. SR4 Bypass: Widen Bypass to 4 Lanes – Laurel Road to Sand Creek Road (5002)

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, including the Mokelumne Bike/Pedestrian Crossing of SR Bypass.

Current Phase: Final Design/Construction.

Project Status: The Authority appropriated \$2,983,000 for design and \$1,000,000 for right-of-way activities on May 16, 2007. Final design is nearing completion and the project is scheduled for advertising early 2012. The project successfully obtained \$25 million from CMIA reprogramming amendment savings (combined with the SR4 Bypass: Sand Creek Interchange project). The CTC will take 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, cities and ECCRFAs to transfer Lead Agency status for construction to the Authority.

Issues/Areas of Concern: The construction schedule is subject to available Prop 1B bond sales.

ee. SR4 Bypass: Sand Creek Road Interchange – Phase 1 (5003)

CCTA Fund Source: Measure J

Lead Agency: State Route 4 Bypass Authority/CCTA

Project Description: The project is currently planned to be constructed in two phases: Phase 1 consists of constructing the crossover for Sand Creek Road via a single bridge with loop for Westbound Sand Creek Road to access the Eastbound Bypass segment. The interchange will have diamond ramps in all quadrants with the exception of the southwest quadrant. Phase 1 will be further divided into two stages. Stage 1 will lower the existing Sand Creek Intersection by approximately 5 feet. Stage 2 will complete all movements except at the southwest quadrant. Phase 2 of the project will construct the southwest quadrant of the interchange.

Current Phase: Phase 1/ Stage 2 – Final Design/Construction.

Project Status: Phase 1/ Stage 1 – Construction is complete, and the project has been closed out. Phase 1/ Stage 2 – Final design is nearing completion and the project could be advertised in fall 2011, subject to available funding. CCTA nominated this project for \$20 million in CMIA award savings. Subsequently, MTC and Caltrans have recommended this project for CMIA award savings and to combine it with SR4 Bypass - Laurel to Sand Creek into a single \$33 million project. The CTC approved \$25 million from CMIA reprogramming amendment savings at its June 22/23 meeting. Additionally, the CTC will take 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, cities and ECCRFA to transfer Lead Agency status for construction to the Authority.

Issues/Areas of Concern: The construction schedule is subject to Prop 1B bond sales.

ff. Vasco Road Safety Improvements Project - Phase 1 (5006)

CCTA Fund Source: Measure J

Lead Agency: Contra Costa County

Project Description: The project will provide a consistent cross section with a passing lane in the southbound direction through the Brushy Creek area. The project also improves safety with the installation of a solid median barrier to prevent cross median collisions.

Current Project Phase: Construction.

Project Status: The project was awarded to Teichert Construction for \$8,574,239.05 on March 23, 2010. The final paving operation within the Vasco Road mainline was completed on October 14th with the installation of the final lift of hot mix asphalt. Following the paving operation, traffic was set on the final configuration with the southbound traffic lane on one side of the newly poured center concrete median barrier and northbound on the other side. Other key operations that occurred during the month: Hydroseeding and placement of fiber rolls on finished road side slopes, installation of traffic signs, permanent wildlife fencing, completion of crash cushions, joint seal (bridge), methacrylate bridge deck treatment, and HMA Dike. The project is on track for significant completion prior to Thanksgiving. A "Ribbon Cutting" ceremony is planned for December 7th.

Issues/Areas of Concern: None.

gg. 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.

Project Status: Work continues this month on the electrical and train control systems. Progress continues on the barrier rails. Work has started for the foundation for the train control building.

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:

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

*CENTRAL COUNTY*Measure C:

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

- Measure J: 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:

5010: SR4 Bypass: Segments 1 and 3, 2008