

## 7. SR 4 Integrated Corridor Analysis

As reported in December, the SR 4 Integrated Corridor Analysis (formerly the SR4 Corridor Management Plan) is underway. The purpose of the Integrated Corridor Analysis (SR4 ICA) is to coordinate the Action Plans for SR4 (West, Central and East) into a cohesive plan that: 1) identifies and prioritizes previously identified projects along the corridor; 2) develops and evaluates new projects, including transit options and arterial operational improvements; 3) advances local community goals for Priority Development Areas (PDAs) along the corridor; and 4) to the extent possible establishes an integrated set of Multi-Modal Transportation Service Objectives (MTSOs) for incorporation into future Action Plan updates.

As is usual for "study" activities, a Technical Advisory Committee (TAC) has been established and a Policy Advisory Committee (PAC) composed of two elected officials from each of the three participating RTPCs is in the process of being established.

TRANSPAC is requested to appoint up to three elected officials, preferably from cities on the SR 4 corridor and an alternate, if available, to the Policy Advisory Committee. Currently the SR 4 ICA PAC is scheduled to meet twice over the course of the study.

- **Attachment:** Description of the SR 4 ICA TAC and PAC Committee structure, a study area map and a first draft (already in revision) of RTPC MTSOs, issues and currently proposed solutions.

**Action:** Appointment of up to two TRANSPAC elected officials and an alternate if available, to serve on the SR 4 ICA.

## SR-4 Integrated Corridor Analysis (I-80 to SR-160) Committee Structure

Two committees have been proposed for the SR-4 Integrated Corridor Analysis. These committee structures are outlined below.

### 1. Corridor Technical Advisory Committee (C-TAC)

- **Committee Purpose:** To ensure full local participation in the preparation of the SR-4 Integrated Corridor Analysis.
- **Committee Composition:**
  - At least one transportation planner or engineer from each affected jurisdiction along the corridor:
    - Hercules
    - Martinez
    - Concord
    - Pittsburg
    - Antioch
    - Oakley
    - Brentwood
    - Representative from Contra Cost County
  - Staff member from the Contra Costa Transportation Authority (CCTA)
  - Staff member from Caltrans
  - Staff member from the Metropolitan Transportation Commission (MTC)
  - Representatives from the following Transit Agencies will be invited:
    - Bay Area Rapid Transit (BART)
    - Alameda-Contra Costa Transit (AC Transit)
    - Tri Delta Transit
    - County Connection
    - WestCAT

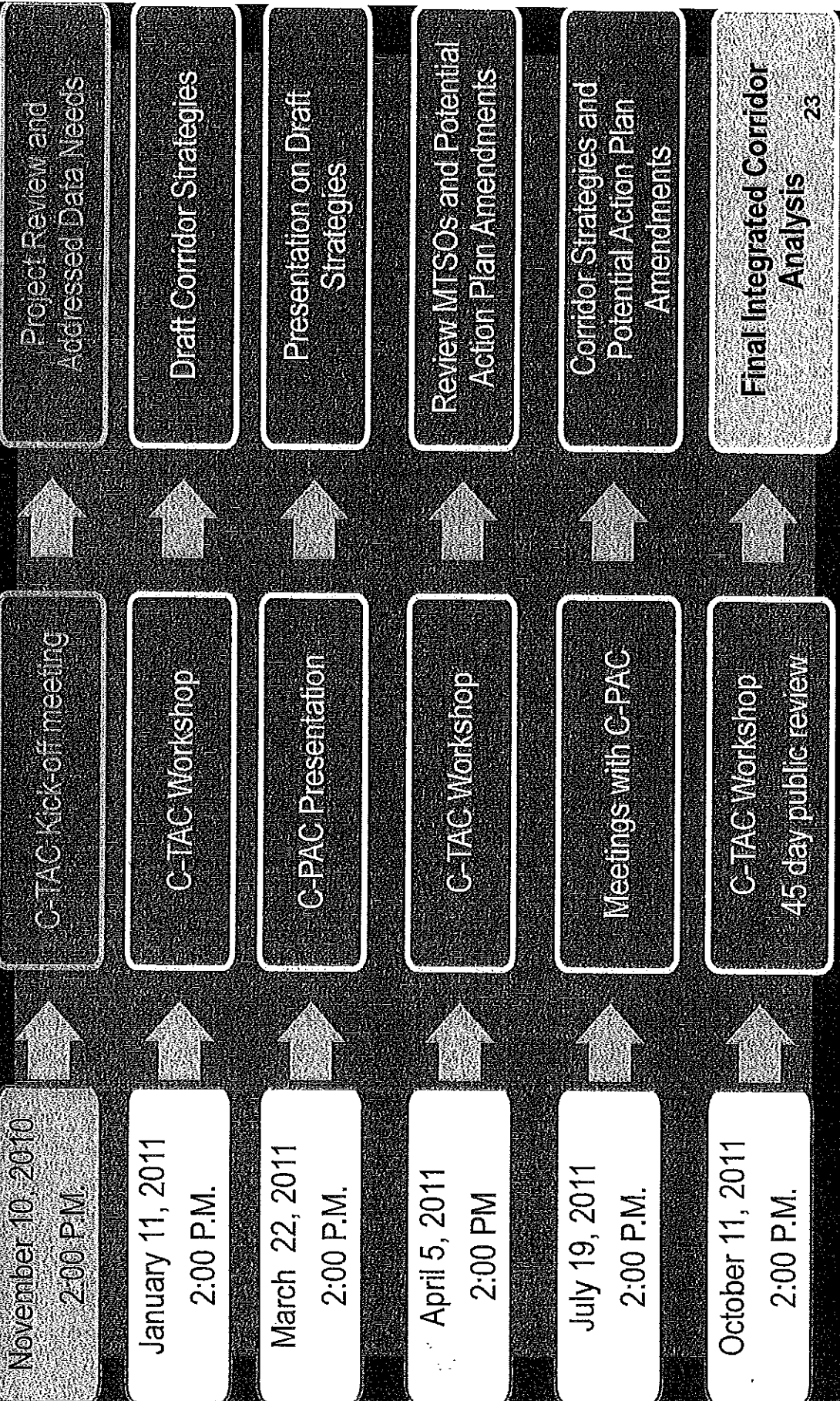
### C-TAC Coordination Structure and Review

Coordination	Planned Date	Work Product	Planned Date	Review Cycles
Kick-off Meeting	11/10/2010	Kick-off meeting notes	11/18/2010	5 days
Draft Corridor Strategies Workshop	1/11/2011	Technical memorandum	2/14/2011	5 days
Workshop to Review MTSOs and Potential Action Plan Amendments	4/5/2011	Technical memorandum	5/13/2011	5 days

#### 2. Corridor Policy Advisory Committee (C-PAC)

- **Committee Purpose:** To ensure full local participation of the three Regional Transportation Planning Committees (RTPCs) in the decisions made regarding the SR-4 Integrated Corridor Analysis.
- **Committee Composition:**
  - RTPCs will be asked to appoint at least two elected officials from each of the three RTPCs:
    - West Contra Costa Transportation Advisory Committee (WCCTAC)
    - Transportation Partnership and Cooperation Committee (TRANSPAC)
    - Transportation Planning Committee (TRANSPLAN)

# Milestones



Transportation Planning Committee (TRANSPAN)

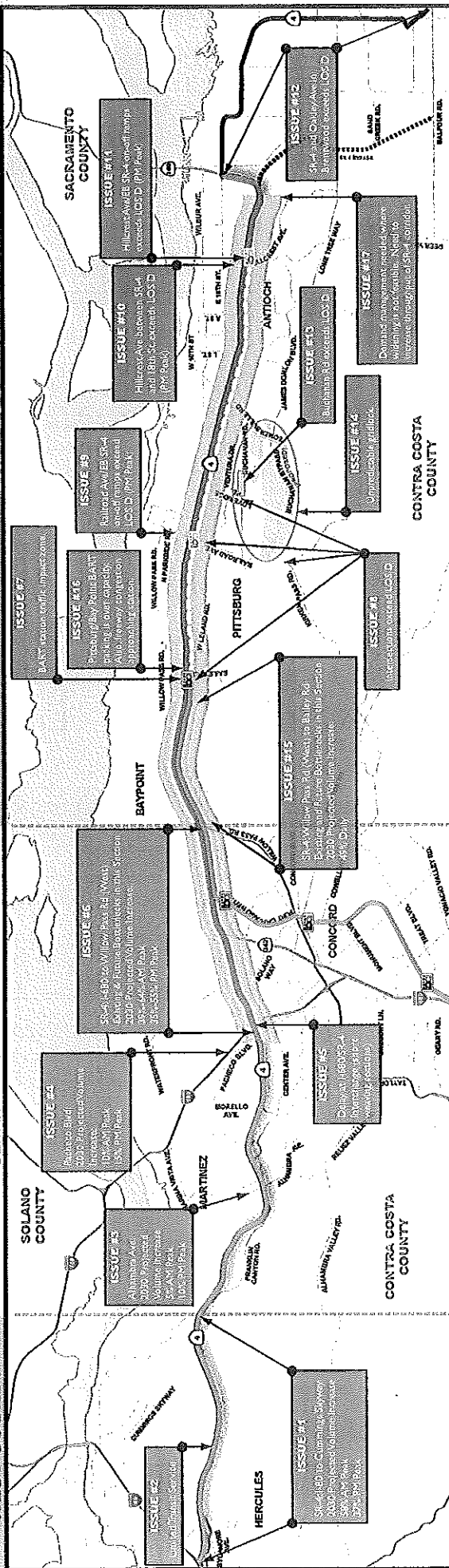
Transportation Partnership Cooperation Committee (TRANSPAC)

West Contra Costa Transportation Advisory Committee (WCCTAC)

EAST COUNTY

CENTRAL COUNTY

WEST COUNTY



**Corridor-Wide Solutions:**  
 17 HOV/Express Lanes between I-680 and SR-160 (ATC Solution). Range Metering and Completion of ITS technologies. (PPI/CSMP/Solutions)

**LEGEND**

- County Boundary
- Study Area
- BART alignment
- BART station
- Proposed eBART alignment
- Proposed eBART station
- Extend Mixed Flow and HOV Lanes
- Proposed HOV/Express Lanes
- Widen "Old" SR-4 Arterial

- TRANSPAN MTSOs:**  
 The Delay Index should not exceed 2.5 during the AM or PM peak period for this facility. HOV lane utilization should exceed 600 vehicles per lane in the peak direction in the peak hour.
- TRANSPAN SOLUTIONS:**
7. Targeted capacity improvements.
  8. Targeted capacity improvements.
  9. Widen eastbound ramp intersection.
  10. Widen Hillcrest Ave to four lanes.
  11. Interchange project to add a northbound to westbound ramp and widen the eastbound exit to two lanes.
  12. Widen and improve the "old" SR-4 arterial in Brentwood and Orsley.
  13. Widen Buchanan Rd.
  14. Proposed Control Point Metering (CPM).
- PPI/CSMP Freeway Solutions:**
15. Extend existing mixed flow lanes between Willow Pass Rd (West) to Bailey Rd.
  16. eBART and improved access to BART (additional parking and bus feeder service).

- TRANSPAC MTSOs:**  
 Delay Index of 5.0 from Cummings Skyway to Willow Pass Rd.
- TRANSPAC SOLUTIONS:**
3. Second southbound lane on Alhambra Ave from Walnut Ave to Franklin Canyon Rd (include signal ramp, median modifications).
  4. Construction of Pacheco Transit Hub Widening to four lanes and railroad overcrossing for Burlington Northern Santa Fe Railway. Traffic operation improvements.
  5. Phased construction of I-680/SR-4 interchanges, estimated at \$320 million in 2007 dollars. Proposed phased construction, includes third travel lanes on SR-4 from Solano Way/Port Chicago Highway on the east to Morallo Ave on the west.
- PPI/CSMP Freeway Solutions:**
6. Extend existing mixed-flow and HOV lanes between the I-680 interchange and Willow Pass Rd (West).

- WCCTAC MTSOs:**  
 Maintain LOS "E" or better on all segments of SR-4.
- WCCTAC SOLUTIONS:**
1. Plan and implement SR-4 full freeway construction between I-80 and Cummings Skyway including designation of a new frontage road south of the freeway to provide local business and bicycle access between the City of Hercules and Franklin Canyon.
- CCTA Recreational Transit Solutions:**
2. Opportunities for transit connections between the Hercules and Martinez Transit Centers.

