

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: July 25-26, 2007

Reference No.: 2.3b.  
Action Item

From: CINDY McKIM  
Chief Financial Officer

Prepared by: Mark Leja  
Chief  
Division of Design

Subject: **NEW PUBLIC ROAD CONNECTION, 04-CC-4 PM T30.1**  
**RESOLUTION S-733**

## **RECOMMENDATION:**

The Department of Transportation (Department) recommends the California Transportation Commission (Commission) approve the attached Resolution S-733 and map authorizing a new public road connection at Route 4 Bypass Road to State Route (SR) 4 in the city of Antioch.

## **ISSUE:**

The State Route 4 Bypass Authority (Authority) requested approval of a new public road connection to SR 4. Pursuant to Section 100.2 of the Streets and Highways Code, no local road shall be connected with any freeway until the Commission adopts a resolution consenting thereto. It is recommended that the Commission approve the resolution in accordance with the recommendation of the Chief Engineer. The resolution grants approval of a new public road connection as an interchange to SR 4 in the county of Contra Costa, city of Antioch, at Post Mile T30.1.

Recommended by: \_\_\_\_\_  
RICHARD D. LAND  
Chief Engineer

**BACKGROUND:**

Due to projected growth and congestion in eastern Contra Costa County, the Authority and the Department are proposing a new partial interchange at SR 4 to allow a connection to the Route 4 Bypass Road (Bypass Road). This connection will relieve local traffic congestion and support planned development and growth in the area. The Bypass Road is being constructed in three segments. The northernmost segment, which includes the SR 4/ Bypass Road interchange, is expected to be open to traffic upon its completion in the fall of 2007. At the completion of the remaining segments, it is proposed that the Bypass Road be adopted as SR 4 and existing SR 4 be relinquished to the local agencies. A Project Study Report for the Bypass Road and new interchange was prepared by the Authority and approved by the Department on October 6, 1997. The Project Report was approved by the Department on June 23, 2004.

The Authority was created in 1989 by Contra Costa County and the Cities of Brentwood and Antioch as a public entity through a Joint Exercise of Powers Agreement (JEPA). Later, the City of Oakley joined the Authority. The Authority has been empowered to conduct all project activities leading to and including construction of a new local road to serve as an alternative to existing SR 4. The Authority will also handle the route transfer activities.

SR 4 is part of the California Freeway and Expressway System and it runs west to east. It begins in Contra Costa County at I-80, in the city of Hercules, traversing to Route 99 near Stockton and continues east to Route 89, in San Joaquin County, near the California /Nevada state line. On May 18, 1949, the California Highway Commission adopted as a freeway the portion of SR 4 from Railroad Avenue in the city of Pittsburg to 1.3 mile east of Hillcrest Avenue in the city of Antioch (location of the proposed connection). At this location, SR 4 changes to a northerly direction for approximately 1.3 miles to the Main Street interchange at the existing SR 4/SR 160 junction. This portion was adopted as a freeway on February 19, 1957. Starting at the Main Street interchange, SR 4 has no access control as it continues east on Main Street and south through downtown Oakley. At the Oakley/Brentwood city limit, SR 4 continues south on Brentwood Blvd. and Byron Highway through downtown Brentwood to the intersection with Marsh Creek Road in Contra Costa County. Starting at this intersection, SR 4 continues easterly as a conventional two-lane highway. On January 5, 1966, the Department and Contra Costa County approved a Freeway Agreement (FA) that included a future freeway-to-freeway interchange at the proposed project location.

SR 4 is the only major west/east transportation corridor through northern Contra Costa County, providing direct access from Antioch, Brentwood and Oakley to the greater Bay Area to the west, and serving as a link between Contra Costa County and San Joaquin County to the east. SR 4 is used primarily for commute traffic between the residential areas of eastern Contra Costa County and the employment centers of central Contra Costa County, Santa Clara County, and Oakland – San Francisco.

Bypass Road diverges from SR 4 at the proposed new connection interchange in Antioch and re-connects to SR 4 at its intersection with Marsh Creek Road, a distance of 12.5 miles. Bypass Road is an access-controlled six- and four-lane freeway to just north of the Lone Tree Way interchange and continues as a two-lane expressway with limited access control to the intersection of the Bypass Road and Marsh Creek Road. The transfer will consist of relinquishment of a portion of existing

SR 4 to the Cities of Oakley and Brentwood and Contra Costa County and adoption of the Bypass Road as the new SR 4 by the Department.

The proposed new connection is a partial freeway-to-freeway interchange. This interchange will be located on a curve where SR 4 changes direction from west-east to south-north. The six-lane Bypass Road will extend to the east of the interchange as connector ramps will continue to SR 4/ SR 160 junction to the north. Existing SR 4 is two-lanes in each direction and it will transition to three-lanes in each direction prior to the proposed connection to the Bypass Road. Connector ramps will be two-lanes wide for most of their length and will narrow to single lanes as they either exit or enter SR 4 at the proposed interchange.

The Bypass Road will serve the increasing traffic demand generated by the population growth of eastern Contra Costa County. It is expected that between the years 2000 and 2025, eastern Contra Costa County population will increase by 53 percent (from 76,000 to 116,000 households) and jobs will increase by 134 percent (from 47,000 to 110,000). This growth is straining the existing transportation facilities throughout the eastern county. The Bypass Road will be an access-controlled, high-speed facility on a new alignment that will ease through-traffic congestion in downtown Oakley and Brentwood and will provide improved access to the growing areas of southeast Antioch and western Brentwood.

This project has been included in the 2001 Regional Transportation Plan (RTP) for the San Francisco Bay Area prepared by the Metropolitan Transportation Commission (MTC). In addition to the RTP, the Contra Costa Transportation Authority (CCTA) identifies the project in the 2000 Update to the Contra Costa Countywide Comprehensive Transportation Plan. The year 2000 draft Strategic Plan for the East County Transportation Improvements Authority (ECTIA) and the East Contra Costa Regional Fee and Financing Authority (ECCRFFA), includes the project as one of the primary improvement projects. In addition to the multi-jurisdictional and regional planning efforts mentioned, the Bypass Road is identified as a feature of the circulation element within the General Plans for the Cities of Antioch, Brentwood and Oakley and for the County of Contra Costa.

ECCRFFA was formed in 1994 to collect fees to help fund projects to mitigate impacts to the regional transportation system resulting from the construction of new developments. The Bypass Road was funded by \$212 million in transportation impact fees collected from new developments in the cities of Antioch, Brentwood, Pittsburg, Oakley and Contra Costa County by the ECCRFFA. The estimated cost of the new connection interchange is \$14.4 million. This is the cost of improvements within the State right of way at the interchange and it will be funded 100 percent with local funds.

Fact sheets for Advisory and Mandatory Design Exceptions were approved on January 16, 2001. Last supplemental fact sheet was approved on November 7, 2005.

The California Environmental Quality Act has been satisfied by certification of the Environmental Impact Report (EIR) prepared by the Authority and certified on December 13, 1994. A final Addenda to the EIR was adopted by the Authority on May 2006. The Authority has submitted the EIR for this connection and a concurrent environmental action is under Item 2.2c.(4).

A superceding freeway agreement was signed by the City of Antioch on July 10, 2007, and will be executed by the Department after Commission approval of the new connection.

Attachments

Resolution S-733

Vicinity Map

**CALIFORNIA TRANSPORTATION COMMISSION  
Resolution Authorizing a New Public Road Connection  
04-CC-4 PM T30.1**

**Resolution S-733**

**WHEREAS**, the State Route 4 Bypass Authority has requested approval of a new public road connection on State Route 4 for Route 4 Bypass Road; and

**WHEREAS**, the Final Environmental Impact Report has been approved in compliance with the California Environmental Quality Act; and

**WHEREAS**, the project will have impacts to the environment that will be mitigated.

**NOW, THEREFORE, BE IT RESOLVED** by the California Transportation Commission that pursuant to the authority vested in it by law, this Commission does hereby authorize one new public road connection on State Route 4 at Route 4 Bypass Road, PM T30.1, in the city of Antioch.

# NEW PUBLIC ROAD CONNECTION LOCATION MAP

## 04-Contra Costa-SR 4 BYPASS

