

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: October 29-30, 2008

Reference No.: 2.3b.(2)
Action Item

From: CINDY McKIM
Chief Financial Officer

Prepared by: Terry L. Abbott
Chief
Division of Design

Subject: **NEW PUBLIC ROAD CONNECTION, 04-ALA-580 PM 14.2**
RESOLUTION S-738

RECOMMENDATION:

The Department of Transportation (Department) recommends the California Transportation Commission (Commission) approve the attached Resolution S-738 and map authorizing a new public road connection at Isabel Avenue to Interstate 580 (I-580) in the city of Livermore.

ISSUE:

The City of Livermore has requested approval of a new public road connection to I-580. 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 I-580 in the county of Alameda, city of Livermore, at Post Mile 14.2.

Recommended by: _____
RICHARD D. LAND
Chief Engineer

BACKGROUND:

Due to projected growth and congestion in the local area, the City of Livermore is proposing a new interchange to I-580 at Isabel Avenue. The new connection will accommodate regional traffic growth on the city street system by allowing redistribution of traffic to both sides of I-580, which would otherwise be concentrated at adjoining interchanges.

Adopted by the California Highway Commission on October 30, 1947, I-580 is a major east-west corridor that links the eastern San Francisco Bay Area to the Central Valley. The primary purpose of the route is to provide interregional and interstate mobility. This corridor extends from Interstate 80 in Oakland to Interstate 5 southwest of Vernalis. I-580 is functionally classified as a Rural/Urban Principal Arterial, and is part of the Freeway and Expressway System. It is also a part of the National Highway System and the Strategic Highway Corridor Network of National Defense. I-580 is classified as a "High Emphasis" and "Gateway" route in the Interregional Road System. Locally, the planned improvements of this project are included in the City of Livermore's General Plan.

On November 22, 1960, the California Highway Commission adopted Route 84 allowing a connection to I-580 from the south only. On June 23, 1965, the City of Livermore and the Department approved a freeway agreement depicting a freeway to freeway interchange between Route 84 and I-580. On February 19, 1975, the California Highway Commission conditionally approved the retention of the freeway adoption for Route 84. On December 10, 2003, the Commission adopted Route 84 as a controlled access highway from Vallecitos Road north to Airway Boulevard, and west on Airway Boulevard to I-580.

In the vicinity of the proposed Isabel Avenue interchange, the existing I-580 freeway has mixed-flow lanes in each direction with a wide median and paved outside shoulders. The Airway Boulevard interchange is located 0.9 miles west of the proposed interchange. Constitution Drive and Kitty Hawk Road are arterial frontage roads which serve local traffic needs on the north and south side, respectively, of I-580. The Portola Avenue interchange is located 1.0 mile east of the proposed interchange, and it is connected to East Airway Boulevard on the south side of I-580. South of the proposed interchange, the adopted Route 84 coincides with a portion of Kitty Hawk Road and Airway Boulevard. This proposed interchange will connect Route 84 to I-580 via Isabel Avenue. The proposed Isabel Avenue interchange project will extend Isabel Avenue north of the Kitty Hawk Road/Airway Boulevard intersection, provide access to I-580 with a partial cloverleaf interchange, and continue north past Portola Road. Portola Road will be improved by removing access at I-580, extend beyond Isabel Avenue, and terminate west of the North Canyons Parkway/Collier Canyon Road intersection. Although most of the work will be completed in the first phase, the second phase will require widening the Isabel and Portola Avenues from 4 lanes to 6 lanes by year 2025.

Statutes describe Route 84 from Interstate 680 to I-580 and from I-580 to Route 4. On December 10, 2003, the Commission route adoption for Route 84 allowed Airway Boulevard to serve as an interim connection to I-580 until this proposed project is built. The Department will submit a request to the Commission to relocate Route 84 to Isabel Avenue and terminate at I-580 upon this project being completed. The proposed project does not discuss a corridor for Route 84 north of I-580 to Route 4.

A Project Study Report/Project Development Support for this new interchange was approved in September 2003. Various public informational meetings were held for this project, the last meeting occurred on July 28, 2005. Fact sheets for Advisory and Mandatory Design Exceptions were all approved on July 31, 2007. The Project Report was approved on August 15, 2007. A Finding of No Significant Impact and a Negative Declaration, satisfying the National Environmental Policy Act and the California Environmental Quality Act were approved by the Department on August 15, 2007. A concurrent environmental action is on this month's agenda. Superseding freeway agreements were signed by the City of Livermore on May 12, 2007, and the County of Alameda on May 20, 2007. These freeway agreements will be executed by the Department after Commission approval of the new connection.

The estimated first phase capital cost is \$153,000,000. It will be funded by the City of Livermore with a combination of local, regional, state and federal funds. The sources of the funds are anticipated to include developer funds, local sales tax funds, federal demonstration funds, Alameda County Congestion Management Agency 580 Corridor funds, Corridor Mobility Improvement Account (CMIA) funds, and other local funds. The second phase capital cost is \$23,100,000 and will be funded through future local funds or as funds become available.

This project is included in the Federal Transportation Improvement Plan and the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users. The project is programmed in the CMIA. It is also listed in the 2007 Metropolitan Transportation Plan, the adopted Regional Transportation Improvement Program, the Alameda County Countywide Transportation Plan, the Tri-Valley Transportation Council Strategic Expenditure Plan, and the Alameda County Transportation Improvement Authority Measure B Expenditure Plan.

With the anticipated planned growth, local and regional support, a funding plan, and planned improvements for this project, this project has met the Department's requirements for a new public road connection.

Attachments

Resolution S-738

Location Map

**CALIFORNIA TRANSPORTATION COMMISSION
Resolution Authorizing a New Public Road Connection
04-Ala-580 PM 14.2**

Resolution S-738

WHEREAS, the City of Livermore has requested approval of a new public road connection on Interstate 580 for Isabel Avenue; and

WHEREAS, a mitigated Negative Declaration has been approved in compliance with the California Environmental Quality Act; and

WHEREAS, the project will have impacts on 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 Interstate 580 at Isabel Avenue, Post Mile 14.2, in the city of Livermore.

NEW PUBLIC ROAD CONNECTION LOCATION MAP 04 - ALA - 580, PM 14.2

