

Memorandum

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To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: August 6, 2013

Reference No: 2.3a.
Action Item

From: STEVEN KECK
Acting Chief Financial Officer

Prepared by: Timothy Craggs
Chief
Division of Design

Subject: ROUTE ADOPTION – STATE HIGHWAY, 03-PLA-193 PM 4.4/5.5
RESOLUTION HRA 13-02

RECOMMENDATION:

Submitted for transmittal to the California Transportation Commission (Commission) are Highway Route Adoption Resolution HRA 13-02 and a route location map for State Highway Route (SR) 193. The California Department of Transportation (Department) recommends that the Commission approve the resolution and the route location map in accordance with the recommendation of the Chief Engineer. The resolution grants approval of State highway route adoption of SR 193, east of the city of Lincoln, in Placer County from Post Mile (PM) 4.4 to 5.5.

ISSUE:

SR 193 alignment has never been adopted by the Commission. The Department proposes to adopt this portion of SR 193 to be able to construct a project in the State highway system. This project will improve safety within the project limits by realigning, widening and providing a clear recovery zone. These improvements address observed collision patterns. A project report was prepared by the Department and approved on April 26, 2013. An Initial Study with Mitigated Negative Declaration and a Categorical Exclusion were prepared pursuant to the California Environmental Quality Act and the National Environmental Protection Act.

Recommended by: KARLA SUTLIFF
Chief Engineer

BACKGROUND

SR 193 is a traversable highway without an adopted alignment by the Commission. West of SR 80, SR 193 connects the city of Lincoln and the unincorporated community of Newcastle in Placer County. East of SR 80, SR 193 connects the cities of Auburn and Placerville. The purpose of this route adoption is to request the Commission's approval of this route-alignment as a conventional highway to allow the Department to construct a curve correction project on a 1.1 mile segment of SR 193 west of SR 80.

The segment of the route that pertains to this route adoption was brought into the State Highway System in 1935 as former Route 91 and, in 1963 was designated as SR 193. This portion of SR 193 is not part of the Freeway and Expressway System. This route began at the intersection of old SR 65 in the city of Lincoln. In January of 2011, the portion of the route that is located within city limits was relinquished to the City of Lincoln (from the intersection with Old Route 65 to the intersection with McBean Park Drive).

This route is a two lane highway and intersects with various public and private roads within the project limit. It has many operational deficiencies including tight curves in its alignment, limited sight distance, short distance tangent between curves, no paved shoulders, and non-standard super-elevation transitions. There are some paved shoulder flaring for driveways and intersections that were constructed under encroachment permit. Corner sight distance at road and driveway intersections is limited due to both roadway geometry and roadside vegetation. The existing run off road recoverability for errant vehicles is limited due to adjacent drainage ditches, embankments and vegetation.

Due to the geometric and operational deficiencies of the roadway, drivers are not able to adjust their speed in a timely manner causing collisions through most of the stretch of roadway proposed for realignment and reconstruction. Currently, to warn drivers to the changes in alignment, warning signs have been installed and more delineation along the horizontal curves has been added.

This project was initiated by the Department's District 3 Traffic Safety Branch in April 2008 after it was determined that the highway segment from PM 4.6 to PM 5.3 had a high concentration of run off roads collisions. The preferred alternative proposes to modify the horizontal alignment using a design speed of 50 mph. This alternative represents a balance of improved safety while minimizing impacts to adjacent property owners and the environment. The new alignment will follow fewer horizontal curves with increased radii and improved sight distance associated with the vertical alignment.

The Department conducted a public open house on August 31, 2011 at the Newcastle Elementary School regarding the project. The meeting was primarily attended by local residents and

individuals active in local community organizations. Many attendees acknowledged the need for the project. No opposition to the project proposal was identified.

The proposed route adoption and subsequent construction for this segment for SR 193 will improve traffic safety. The total cost is estimated at \$12.44 million as of October 26, 2012. This project is proposed to be funded from State Highway Operation and Protection Program as a Safety Improvement Project in the Fiscal Year 2014-2015.

A project report was prepared by the Department and approved on April 23, 2013. An Initial Study with Mitigated Negative Declaration and a Categorical Exclusion were prepared pursuant to the California Environmental Quality Act and the National Environmental Protection Act. A concurrent action to approve the environmental document for route adoption is on this month's Commission agenda.

Attachments:

Resolution HRA 13-02
Location Map
Route Adoption Map

CALIFORNIA TRANSPORTATION COMMISSION
Highway Route Adoption Resolution
03-Pla-193 PM 4.4/5.5

Resolution HRA 13-02

WHEREAS, the California Department of Transportation (Department) and Placer County jointly request approval of this Route Adoption as State Highway; and

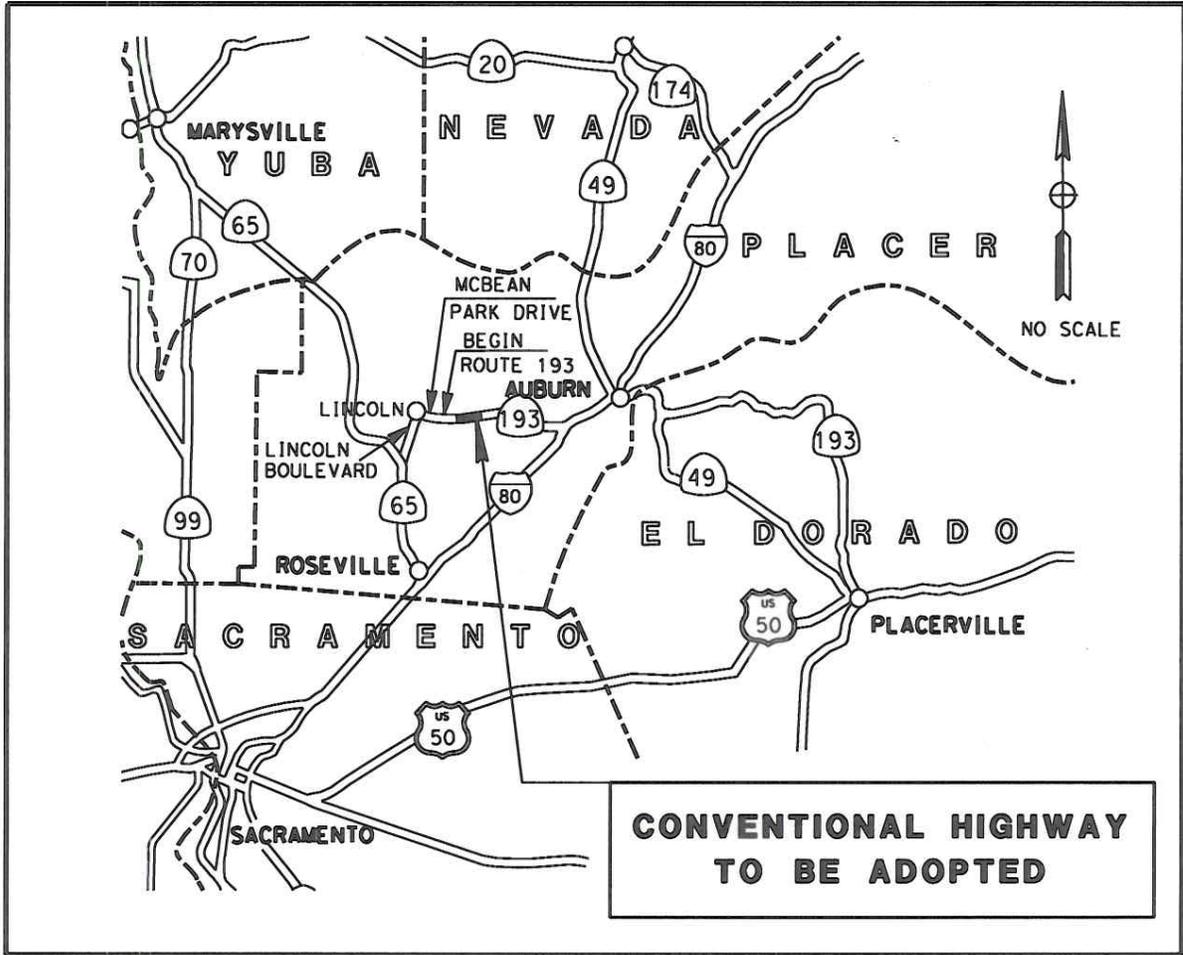
WHEREAS, an Initial Study with Mitigated Negative Declaration prepared pursuant to the California Environmental Quality Act was signed on April 2, 2013; and

WHEREAS, a Categorical Exclusion prepared pursuant to the National Environmental Protection Act was signed on April 3, 2013; and

WHEREAS, the Project Report recommending the route adoption was approved on April 26, 2013.

NOW, THEREFORE, BE IT RESOLVED by the Commission that pursuant to the authority vested in it by law, this Commission does hereby select, adopt, and determine the location of that segment of State Highway Route 193, in the county of Placer, and officially designate it as 03-PLA-193, a State Highway, as said location is shown on the Route Adoption map submitted by Timothy Craggs, Chief Design Engineer; and

BE IT FURTHER RESOLVED that this Commission has found and determined and hereby declares that such location of said State highway is for the best interest of the State.



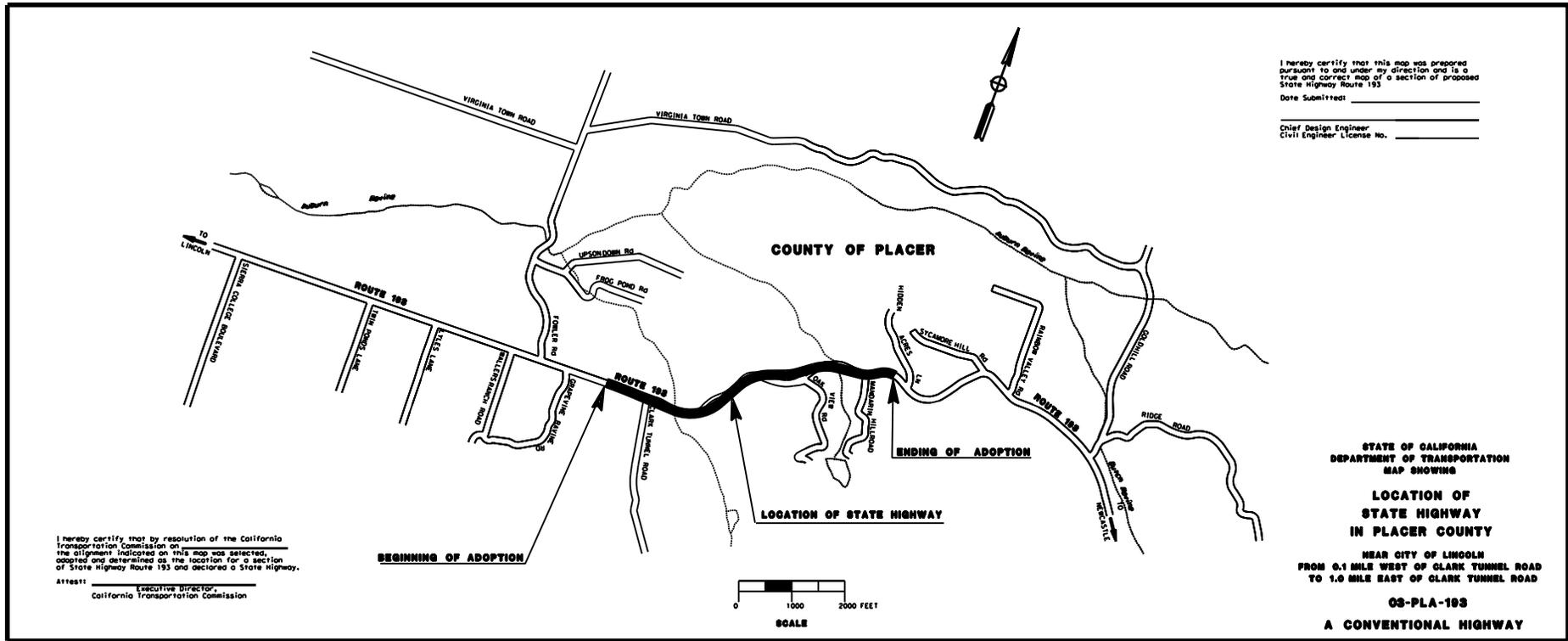
**STATE HIGHWAY
ROUTE ADOPTION
LOCATION MAP**

**03 - PLA - 193
PM 4.4/5.5**

I hereby certify that this map was prepared pursuant to and under my direction and is a true and correct map of a section of proposed State Highway Route 193

Date Submitted: _____

Chief Design Engineer
 Civil Engineer License No. _____



I hereby certify that by resolution of the California Transportation Commission on _____ the alignment indicated on this map was selected, adopted and determined as the location for a section of State Highway Route 193 and declared a State Highway.

Attest: _____
 Executive Director,
 California Transportation Commission

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 MAP SHOWING

**LOCATION OF
 STATE HIGHWAY
 IN PLACER COUNTY**

NEAR CITY OF LINCOLN
 FROM 0.1 MILE WEST OF CLARK TUNNEL ROAD
 TO 1.0 MILE EAST OF CLARK TUNNEL ROAD

OS-PLA-193
A CONVENTIONAL HIGHWAY

IN PLACER COUNTY PM 4.4 TO 5.5