

# Memorandum

**To:** Chair and Commissioners

**Date:** June 15, 2010

**From:** Bimla G. Rhinehart,  
Executive Director

Reference Number 4.10  
**Action**

**Ref:** **Design-Build Demonstration Program Request for Project Authorization**

**Issue:** Should the California Transportation Commission (Commission) authorize the San Bernardino I-15/I-215 Devore Interchange Project and the Fresno SR-180 Braded Ramp Project for the design-build method of procurement?

**Recommendation:** Staff recommends that the Commission authorize both projects for the design-build method of procurement.

**Background:** The Design-Build Demonstration Program was established in Chapter 6.5 (commencing with Section 6800) of Part 1 of Division 2 of the Public Contract Code, as added by Chapter 2 of the Statutes of 2009 (Senate Bill 4, Second Extraordinary Session). The Design-Build Demonstration Program provides for the use of the design-build method of procurement by local transportation entities for up to five projects that may be for local street or road, bridge, tunnel, or public transit projects within the jurisdiction of the entity and by the Department of Transportation for up to ten state highway, bridge, or tunnel projects, subject to authorization by the Commission. The Commission shall also determine whether a transportation entity may award a design-build method of procurement contract based on lowest responsible bid or best value.

Eligibility for the design-build method of procurement is limited to projects the Commission programmed for funding under the State Transportation Improvement Program (STIP), the State Highway Operation and Protection Program (SHOPP), the Traffic Congestion Relief Program (TCRP), or one of the programs designated under Proposition 1B of 2006.

The Commission received requests for design-build procurement authorization from the Department of Transportation (Caltrans) in cooperation with the San Bernardino Associated Governments (SANBAG) for the Devore Interchange Project (I-15/I-215) and from Caltrans for its Fresno SR-180 Braded Ramp Project between SR-41 and SR-168 in the City of Fresno. The projects are state transportation projects slated for implementation on the state highway system. Both projects are excellent design-build procurement candidates that have the potential for achieving enhanced constructability and improved delivery efficiency. The projects meet the Commission's criteria for approval adopted September 9, 2009.

**Project Authorizations under the Design-Build Demonstration Program**

**Resolution G-10-15**

- 1.1. WHEREAS the Design-Build Demonstration Program was established in Chapter 6.5 (commencing with Section 6800) of Part 1 of Division 2 of the Public Contract Code, as added by Chapter 2 of the Statutes of 2009 (Senate Bill 4, Second Extraordinary Session), and
- 1.2. WHEREAS subject to the limitations of Chapter 6.5, a local transportation entity, if authorized by the California Transportation Commission, may utilize the design-build method of procurement for up to five projects that may be for local street or road, bridge, tunnel, or public transit projects within the jurisdiction of the entity, and
- 1.3. WHEREAS subject to the limitations of Chapter 6.5, the Department of Transportation (Department), if authorized by the Commission, may utilize the design-build method of procurement for up to 10 state highway, bridge, or tunnel projects, and
- 1.4. WHEREAS projects authorized by the Commission shall vary in size, type, and geographical location, and
- 1.5. WHEREAS the commission determines whether a transportation entity may award a design-build contract based on lowest responsible bid or best value, and
- 1.6. WHEREAS the Commission has adopted policy guidance for project authorizations under the demonstration program on September 9, 2009, and
- 1.7. WHEREAS the Commission has stated its intent to authorize projects with reference to a project authorization request submitted by a local transportation entity or the Department, and such authorization will include the project scope, whether a contract can be awarded based on lowest responsible bid or best value, and an expiration date by when a design-build contract must be executed,
- 2.1. NOW THEREFORE BE IT RESOLVED that the Commission hereby authorizes the projects in the attached for design-build procurement by a local transportation entity and/or the Department, and
- 2.2. BE IT FURTHER RESOLVED that the project scope, the contract award method, and an planned schedule for contract award is included in the list, and
- 2.3. BE IT FURTHER RESOLVED that authorized projects must have an executed design-build contract within 18 months of the date of this resolution, and
- 2.4. BE IT FURTHER RESOLVED that pursuant to Chapter 6.5 and not later than June 30 of each year after the design-build contract is awarded, the awarding transportation entity shall submit a progress report to the Commission.

# DESIGN-BUILD AUTHORIZATION STATE REQUESTS

Project	Devore Interchange I-15/I-215	Braded Ramp Fresno SR-180
<b>Criteria</b>		
Meets Statutory Requirements	Yes	Yes
Fully Funded	Yes	Yes
Awardable prior to Jan 1, 2014	Yes	Yes
Low Bid/Best Value	Best Value	Low Bid
Size (\$million)	Over \$200	\$20 to \$200
Geographical Location	South	North
State/Local	State	State
<b>Project Scope</b>	Add lanes and provide truck by-pass lanes through the I-15/I-215 Interchange.	Braided branch connections between the SR 180/41 and the SR 180/168 freeway-to freeway interchanges.
<b>Project Cost</b>	\$365.7 M	\$69.5 M
<b>Project Schedule</b>		
Environmental Document	8/1/2011 EIR	9/1/2010 EIR
R/W Certification base line	Jun-2013	Aug-2012
R/W Certification design-build	Feb-2014	Oct-2010
Contract Award base line	Nov-2013	Jan-2013
Contract Award design-build	Jun-2012	May-2011
Contract Acceptance base line	Nov-2016	Nov-2015
Contract Acceptance design-build	Jun-2016	Dec-2013
<b>Design-Build Benefits (claimed)</b>		
Schedule Acceleration	18 months	23 months
Innovation	Enhanced constructability	Enhanced constructability
CTC Staff Recommendation	Authorize	Authorize
	May achieve enhanced constructability & improved efficiency through design-build.	May achieve enhanced constructability & improved efficiency through design-build.