

COLORADO BRIDGE ENTERPRISE

Memorandum

Colorado Bridge Enterprise
4201 East Arkansas Avenue, Room 235
Denver, Colorado 80222

DATE: June 8, 2012
TO: Bridge Enterprise Board of Directors
FROM: Matthew Pacheco, Region 6 South Resident Engineer (Littleton)
SUBJECT: US 6 Ave Design Build Project

The project will address the replacement of the following structures/roadway improvements (reference attached aerial).

CBE Eligible work

- US 6 over Bryant Street (F-16-EN), sufficiency rating of 44.3 and located at one of the most dangerous weave locations on the freeway system. Due to the profile change at the US 6 over the South Platte River, replacement of this structure must be concurrent with that replacement.
- US 6 over the South Platte River (F-16-EF), sufficiency rating of 42.8. Valley Highway EIS preferred alternative indicated that existing structure is overtopped in a 100 year flood, and proposed structure will have to be raised to accommodate the 100 year flood. The change in profile will be approximately 10' at centerline with roadway tie-ins that extend a significant distance east and west of the structure.
- US 6 over the BNSF Railroad (F-16-EJ), sufficiency rating of 42.9. This is a replacement of a structurally deficient bridge over the Consolidated Mainline Railroad.

Non-CBE Eligible work

- US 6 over I-25 (F-16-DU) Functionally Obsolete, Condition Fair with a sufficiency rating of 54.2 (Not BE eligible - to be budgeted with BR program funding). To address insufficient clearances both on US 6 and I-25, the reconstruction of this structure will require I-25 under US 6 to be lowered 2 ft.
- Federal over US 6 (F-16-EK) Functionally Obsolete and will be funded by other regionally funding sources. The Federal Boulevard/U.S. 6 interchange, which includes the replacement of the Federal Boulevard Bridge and widening, from 5 to 6 lanes, Federal Boulevard from 5th to 7th Avenues to accommodate current and future improvements on Federal Boulevard. Mitigation of Barnum East Park impacts. A bicycle/pedestrian bridge over U.S. 6 for connecting Denver's Barnum and Barnum North Parks west of Federal Boulevard.

Combining these projects into one Design-Build project allows CDOT/CBE to realize an economy of scale both economically and in minimizing impacts to the traveling public. The Contractor will be asked to provide a Guaranteed Maximum Price (GMP) as part of the contractor selection criteria. The total GMP is in the range of \$110-\$120 million and comprises both Bridge Enterprise and Non-Bridge Enterprise funding.

The tentative major milestones of this project are as follows:

- Release of the Request for Proposals September 2012
- Selection of the Design Build Team March 2013
- Construction Fall 2013