

March 14, 2014

TO: Project File
FROM: Laura Peterson, Frank Green, Paul Bott, Joel Tubbs, David McCurry
SUBJECT: Project Closeout Summary for Columbia River Bridges & Approaches Design Build Procurement

Executive Summary

This memorandum provides the status of the work for the development of the Columbia River Bridges & Approaches Design Build Procurement, specifically addressing the following technical focus areas:

- Environmental and Hazardous Materials

This memo overviews the status of the work, outstanding work and next steps, an overview of project history, key decisions, and information on key documents and references. This memorandum, assembled at the time of project closeout, is intended to provide adequate information to allow project start-up within a year's time-frame.

Status of Work

The work includes development of RFP technical requirements addressing environmental and hazardous materials identification, permitting, and protection. The following processes and requirements are identified:

- Permits, agreements, clearances, and authorization obtained by the project and those needing to be obtained by the DB contractor,
- Coordination with regulatory agencies and tribes,
- Assessing presence or absence of, or changed impacts to, wetlands, streams, migratory birds, threatened and endangered species, noise receptors, hazardous materials, or historic, archaeological, and cultural resources.
- Preparation of an environmental compliance plan addressing the contractors methods in:
 - Complying with all regulations, standards, and permit terms and conditions,
 - Identifying the environmental compliance team and communication protocols,
 - Managing change in the project in relation to environmental permits and authorizations,
 - Implementing erosion and sediment control, pollution control, and hazard materials management,
 - Implementing an inadvertent archaeological discovery plan,
 - Inspecting and reporting on all environmental elements, and remediating when necessary.

The following deliverables were completed at the approximate level of completeness as identified in Table 1, at the time of project closeout.

TABLE 1.

CRBA DB Procurement Deliverables Status Summary
Status of Deliverables for the CRBA Design Build Procurement Development

TASK	DELIVERABLE	APPROX. PERCENT COMPLETE	STATUS OF WORK
4.3	Draft technical Performance Requirements - provision DB 141.51	75%	Work in progress. Waiting for ODOT review. Continued clean up of DB 141 for formatting, language, terminology, acronyms, interdisciplinary coordination, project interfaces, and other outstanding issues. See "Draft RFP action items list".

Table Notes:

1. Table status as of March 14, 2014.

Known Issues

The following is a summary of the known issues that were not resolved at the time of closeout:

- Identification of those commitments from the NEPA Record of Decision and those terms and conditions from authorized permits that would be the Agency's responsibility.
- Noise assessment and mitigation measures design.
- Receipt of local land use permits, Section 404 Clean Water Act and Section 408 (levee and navigation) authorizations, Marine Mammal Protection Act letter of authorization, and ODFW fish passage compliance.
- Likely NEPA re-evaluation based on DB-proposed designs and construction methods.

Outstanding Work

The following is a summary of outstanding work and next steps at the time of closeout that was not started, but necessary for the development of the DB Procurement final RFP for the CRBA Package:

- Identification of potentially contaminated sites through a corridor study and/or Phase 1/2 environmental site assessments.
- Preparation of a revised Memorandum of Understanding for Section 106 NHPA compliance to address new roles of ODOT and WSDOT.
- Development of an inadvertent archaeological discovery plan.

Milestones & Key Decisions Related to Disciplines

Key project milestones include:

- NEPA FEIS and ROD – December 2011.
- ESA consultation- CRC Biological Assessment (June 2010), NMFS Biological Opinion (January 2011), and USFWS Concurrence Letter(August 2010).
- ESA Reinitiation – CRC Supplemental Biological Assessment (April 2013), NMFS Supplemental Biological Opinion (August 2013), and USFWS Supplemental Concurrence Letter (July 2013).
- Receipt of U.S. Coast Guard General Bridge Permit (September 2013).
- Submittal of permit applications for USACE 404 Clean Water Act, Oregon Department of State Lands Removal-Fill, Washington Department of Fish and Wildlife Hydraulic Project Approval, Oregon Department of Environmental Quality and Washington Department of Ecology Section 401 Water Quality Certifications (November 2012 and January 2014).

Key project decisions include:

- Use of drilled shafts instead of driven piles for in-water foundations – CRC Biological Assessment (June 2010).
- Bridge height to address river navigation and aviation concerns – U.S. Coast Guard Permit (September 2013).
- Treatment of all contributing impervious area for stormwater – CRC Supplemental Biological Assessment (April 2013).

Project Records

Records of the work conducted under this task can be found at:

- Attachment A and B of Draft RFP Technical Requirements

Standards & Versions

Standards used for the work are listed in the Design-Build General Provisions DB 141.

WEH:weh

cc: Project Controls
