

April 23, 2014

TO: Project File
FROM: Brendan LeBlanc
SUBJECT: Project Closeout Summary for Columbia River Bridges & Approaches Design Build Procurement – *Aviation*

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:

- Aviation

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 portions of DB Section 141.51 – Environmental Compliance. The applicable portions of DB Section 141.51 are related to FAA restrictions and permitting. The Design-Builder shall perform all Work necessary to meet the requirements of the Agency for this Project.

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 – Environmental Compliance	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

There are no known issues.

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:

- A feasibility study had been conducted with FAA based on Columbia River Bridges with a navigation opening of 110', and it was determined that this bridge height/layout would not result in a "hazard" determination. Before the 2014 project shutdown, CRC had planned to submit to FAA a feasibility study for the bridge layout with a navigation opening of 116'. If it was determined that this did not result in a "hazard" determination, CRC was going to submit a FAA 7460 permit application for the permanent infrastructure, as a proof of concept.
- The Agency directed the Consultant to complete the FAA feasibility analysis application based on the design providing 116 feet of vertical clearance from 0' CRD. The work in creating the coordinate and elevation data points referenced to the design and uploading the data to the FAA website was complete but the application was not submitted because of the project shutdown. Agency review of the information and application submittal is still needed. The electronic data submittal remains in waiting. The final design was to be by the Design-Builder. The height of the illumination and sign design would not be a hard requirement, but the Design-Builder would be responsible to get the final FAA permit.

Decisions Related to Disciplines

Key project decisions include:

- Without a detailed illumination and sign design, a height of 35' was used for the potential light poles and signs. Although, for the light poles this height is probably lower than what would ideally be designed for the width of this facility, it was proposed in order to minimize the impact to the airspace.

Project Records

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

- See Word files in ProjectWise master directory.
- See Meeting Notes in ProjectWise master directory.

Standards & Versions

Standards to be used for the work are listed in DB 141.51 – Environmental Compliance.

The version in the ProjectWise 02_Draft RFP / Master Files directory is the most current specification.

BL:cmd

cc: Project Controls