

March 14, 2014

TO: Project File

FROM: Brendan LeBlanc

SUBJECT: Project Closeout Summary for Columbia River Bridges & Approaches
Design Build Procurement – *Hydraulics and Maintenance of River Traffic*

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:

- Hydraulics
- Maintenance of River Traffic

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 the following:

- DB Section 141.13 – Hydraulics. This section covers the requirements for analysis and design required for constructing bridges over waterways and culverts, and the requirements for design and construction of bank protection, scour countermeasures, fish habitat improvements, and culverts.
- DB Section 141.14 – Maintenance of River Traffic. This section covers the requirements for providing for the free movement of river traffic. The Columbia River is an active shipping route. Construction activities may be required in, above and alongside the three (3) federally authorized navigation channels and the one (1) federally authorized turning basin.

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 141.13 - Hydraulics	85%	All page turns have been completed and page turn comments have been addressed. 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".

4.3	Draft technical Performance Requirements - provision DB 141.14 – Maintenance of River Traffic	85%	All page turns have been completed and page turn comments have been addressed. 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".
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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:

- None.

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:

DB Section 141.13 – Hydraulics:

- Complete new ODOT Bathymetric Survey and associated side scan imaging.
- Complete the Columbia River Crossing Project Section 408 Project Summary Report Modification to Federal Navigation Projects.

DB Section 141.14 – Maintenance of River Traffic:

- Revise the assistance tug section of the WTMP to be compatible with the ship simulation summary (tug within 30 minutes of the site rather than on site and tug to be mandatory, but can be on a "call out" basis) also refine the informational part of the spec to say there will be 'real time' status of the construction on-line or by radio communication.
- Complete the ODOT Bathymetric Survey & 408 report as for 141.13.

Milestones & Key Decisions Related to Disciplines

Key project milestones include:

- | | |
|------------------------------------|------------|
| ■ First Meeting Technical Workshop | 10/23/2013 |
| ■ Second Meeting Progress Status | 11/26/2013 |
| ■ Third Meeting Page Turn | 12/20/2013 |
| ■ Fourth Meeting Page Turn | None |
| ■ Draft RFP Tech Review | 3/4/2014 |
| ■ Project Close Out | 3/14/2014 |

Key project decisions include:

- ODOT will perform a new bathymetric survey for the D-B's use. This survey will be performed not too far in advance of the D-B selection.
- See Meeting Notes in ProjectWise master directory.

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 used for the work are listed in the Design-Build General Provisions DB 141.13 – Hydraulics & DB 141.14 – Maintenance of River Traffic.

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

BL: cmd

cc: Project Controls