CORPS OF ENGINEERS

U.S. ARMY

8,360,000 8,365,000 8,370,000 8,375,000 800,000 8,380,000

795,000

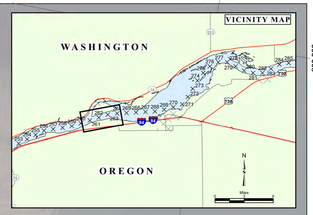
790,000

N W E S

W A S H I N G T O N

Crow Butte





Lake Umatilla Light 31

Lake Umatilla Light 32

Lake Umatilla Light 34

Lake Umatilla Light 35

261 262 263 264

WASHINGTON
OREGON
FLOW

O R E G O N

8,365,000 8,370,000 8,375,000 8,380,000

795,000

790,000

NOTES:

Horizontal Coordinate System:
North American Datum of 1983 (NAD83-2011), projected to the State Plane Coordinate System (SPCS), Oregon North Zone. Distance units in U.S. Survey Feet.

Vertical Datum:
Soundings and elevations are shown in feet and are referred to a datum plane which is 260.2 feet (Minimum Pool Elevation) above North American Vertical Datum of 1988 (NAVD 88).

River mileage conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basins Commission, July 1972.

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general channel conditions existing at that time and is in support of channel maintenance only.

** Shoalest Sounding per Quarter per Reach

THE EXISTING PROJECT

Provides for a channel 14 feet deep and 250 feet wide from the Port terminal facilities at The Dalles to the John Day Dam.

LEGEND

- Federal Navigation Channel
- Federal Navigation Channel Centerline
- Pipeline, Submarine On Land Line
- Cable, Overhead
- Cable, Submarine
- Pipeline, Overhead
- Anchorage Area
- Dredged Material Placement Area
- Cable Area
- Pipeline Area
- Shoaling Area
- Buoy, Lateral
- Buoy, Cardinal
- Buoy, Isolated Danger
- Buoy, Safe Water
- Buoy, Special Purpose
- Beacon, General
- Contour Lines
- Benchmark
- Pylon Bridge Support
- Rock
- Obstruction Point
- Wreck-Submerged
- Staff Gage
- Recording Gage
- Shoalest Sounding**

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COLUMBIA RIVER BETWEEN
THE DALLES DAM AND MCNARY DAM

C O L U M B I A R I V E R

CROW BUTTE REACH

04 May 2017

SCALE IN FEET

0 500 1,000 1,500 2,000 2,500

SUBMITTED: _____ APPROVED: _____

CHIEF, WATERWAYS MAINTENANCE SECTION

RECOMMENDED: _____

CHIEF, SURVEY SECTION

SURVEYED: ____ PLOTTED: ____ CHECKED: ____

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