CORPS OF ENGINEERS

U.S. ARMY

THE EXISTING PROJECT

Provides for a channel *27 feet deep and 300 feet wide from the Interstate Bridge at Columbia river mile 106.5 to the port terminal facilities at The Dalles at river mile 189.7.

*The 27 foot channel is presently maintained at 17 feet.

NOTES:

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

Vertical Datum:
Soundings are shown in feet and indicate depths below Columbia River Datum. CRD is 9.15 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 140.6, 9.89 above at River Mile 143.1.

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 condition existing at that time.

** Shoalest Sounding per Quarter per Reach

STAFF GAGE AT MULT. FALLS UPPER RANGE:	Northing: 713615	Easting: 7809350
STAFF GAGE AT LIGHT 91:	Northing: 716892	Easting: 7821828

CONDITION [X] PREDREDGE [ ] POSTDREDGE [ ]

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**

2012 Aerial Photography data source: USDA, Service Center Agencies - Reference is Navigation Chart No. 18531

COLUMBIA RIVER BETWEEN VANCOUVER, WASH. AND THE DALLES, OREG.

COLUMBIA RIVER

WARRENDALE CHANNEL

18 March 2015

SCALE IN FEET
0 500 1,000 1,500 2,000 2,500

SUBMITTED: ____________

RECOMMENDED: ____________
CHIEF, SURVEY SECTION

APPROVED: ____________
CHIEF, WATERWAYS MAINTENANCE SECTION

SURVEYED: ____ PLOTTED: ____ CHECKED: ____

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