CORPS OF ENGINEERS

U.S. ARMY

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 5.14 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 103.8.

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 LIGHT 51:	Northing: 727847	Easting: 7634242
STAFF GAGE AT TERMINAL 6:	Northing: 726556	Easting: 7628075
STAFF GAGE AT KELLY POINT:	Northing: 732276	Easting: 7623533

CONDITION [X] PREDREDGE [ ] POSTDREDGE [ ]

THE EXISTING PROJECT

The existing project provides for a channel 43 feet deep and 500 feet wide from river mile 101.4 at the mouth of the Willamette River to river mile 104.6 at the lower Vancouver turning basin.

Also provides for a channel 43 feet deep and 400 feet wide from the Columbia River to Oregon Slough mile 1.5 with a triangular turning basin about 3,000 feet long, an average width of 1,000 feet and 43 feet deep. Thence a channel 20 feet deep and 200 feet wide to Oregon Slough mile 3.8.

Also provides for an anchorage area 43 feet deep, 2,000 feet long and 370-550 feet wide, with a stern anchor buoy, between river miles 102+36.5 and 103+03.5 on the Oregon side of the river, and an anchorage area 25 feet deep, 2,000 feet long and 10-550 feet wide, with a stern anchor buoy, between river miles 103+31 and 103+51 on the Oregon side of the river.

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. 18526

COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.

COLUMBIA RIVER

LOWER VANCOUVER BAR

18 February 2016

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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