



WASHINGTON

GATEWAY (W-101.0) PLACEMENT AREA

Hewlett Point

Kelley Point

Belle Vue Point

Sauvie Island

OREGON

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 4.89 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 98.2, 4.96 feet above at River Mile 99.8.
 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 channel conditions existing at that time and is in support of channel maintenance only.
 *** Shoalest Sounding per Quarter per Reach

STAFF GAGE AT LIGHT 30: Northing: 749421 Easting: 7621154
STAFF GAGE AT LIGHT 36: Northing: 740974 Easting: 7620357

CONDITION PREDREDGE POSTDREDGE

LEGEND

	Federal Navigation Channel		Benchmark
	Federal Navigation Channel Centerline		Pylon Bridge Support
	Pipeline, Submarine On Land Line		Rock
	Cable, Overhead		Obstruction Point
	Cable, Submarine		Wreck-Submerged
	Pipeline, Overhead		Staff Gage
	Anchorage Area		Steel King Pile
	Dredged Material Placement Area		Shoalest Sounding**
	Cable Area		Beacon, General
	Pipeline Area		Contour Lines
	Shoaling Area		

COLUMBIA AND LOWER WILLAMETTE RIVERS
 BELOW VANCOUVER, WASH. AND PORTLAND, OREG.
COLUMBIA RIVER
MORGAN BAR
 13 March 2024
 SCALE IN FEET
 0 500 1,000 1,500 2,000 2,500

SUBMITTED: _____ APPROVED: _____
 RECOMMENDED: _____ CHIEF, WATERWAYS MAINTENANCE SECTION
 CHIEF, SURVEY SECTION SURVEYED: _____ PLOTTED: _____ CHECKED: _____

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THE EXISTING PROJECT
 The existing project provides for a channel 43 feet deep and 600 feet wide from deep water in the Columbia River Entrance at river mile 101.4 to river mile 101.4 at the Mouth of the Willamette River.

2012 Aerial Photography data source: USDA, Service Center Agencies - Reference is Navigation Chart No. 18525