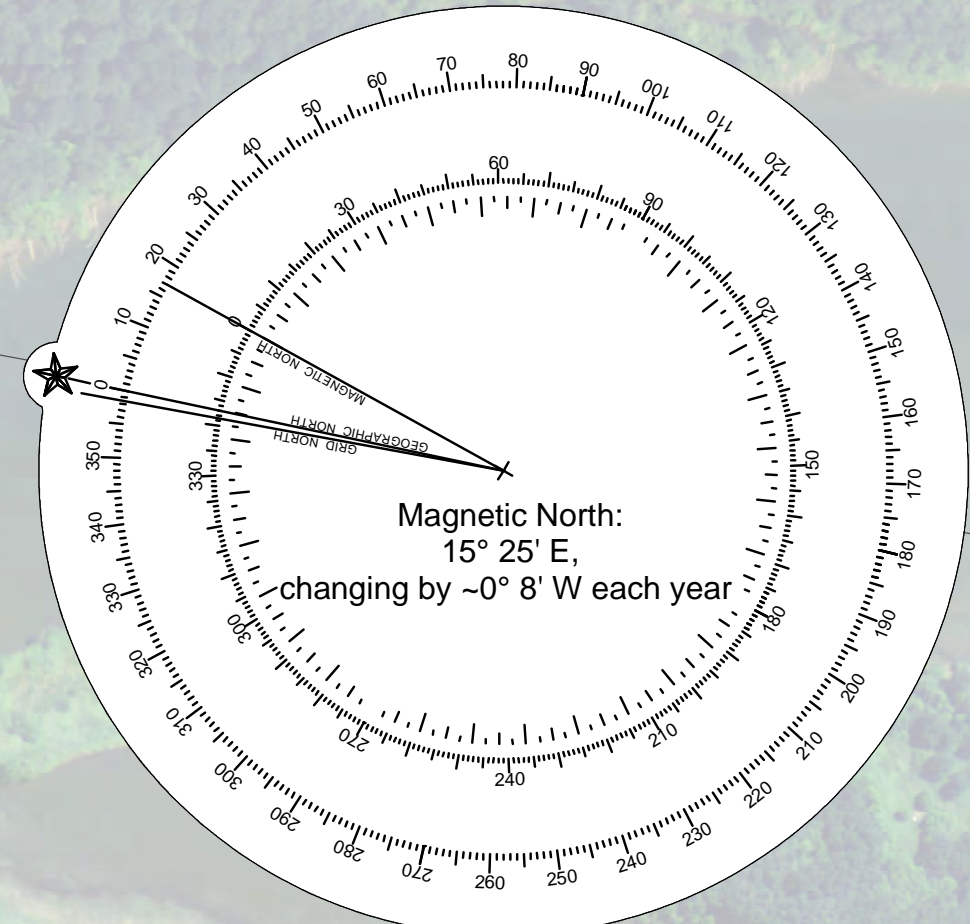


WASHINGTON



Carrolls Channel

Cottonwood Island

COTTONWOOD ISLAND (W-70.1)
PLACEMENT AREA

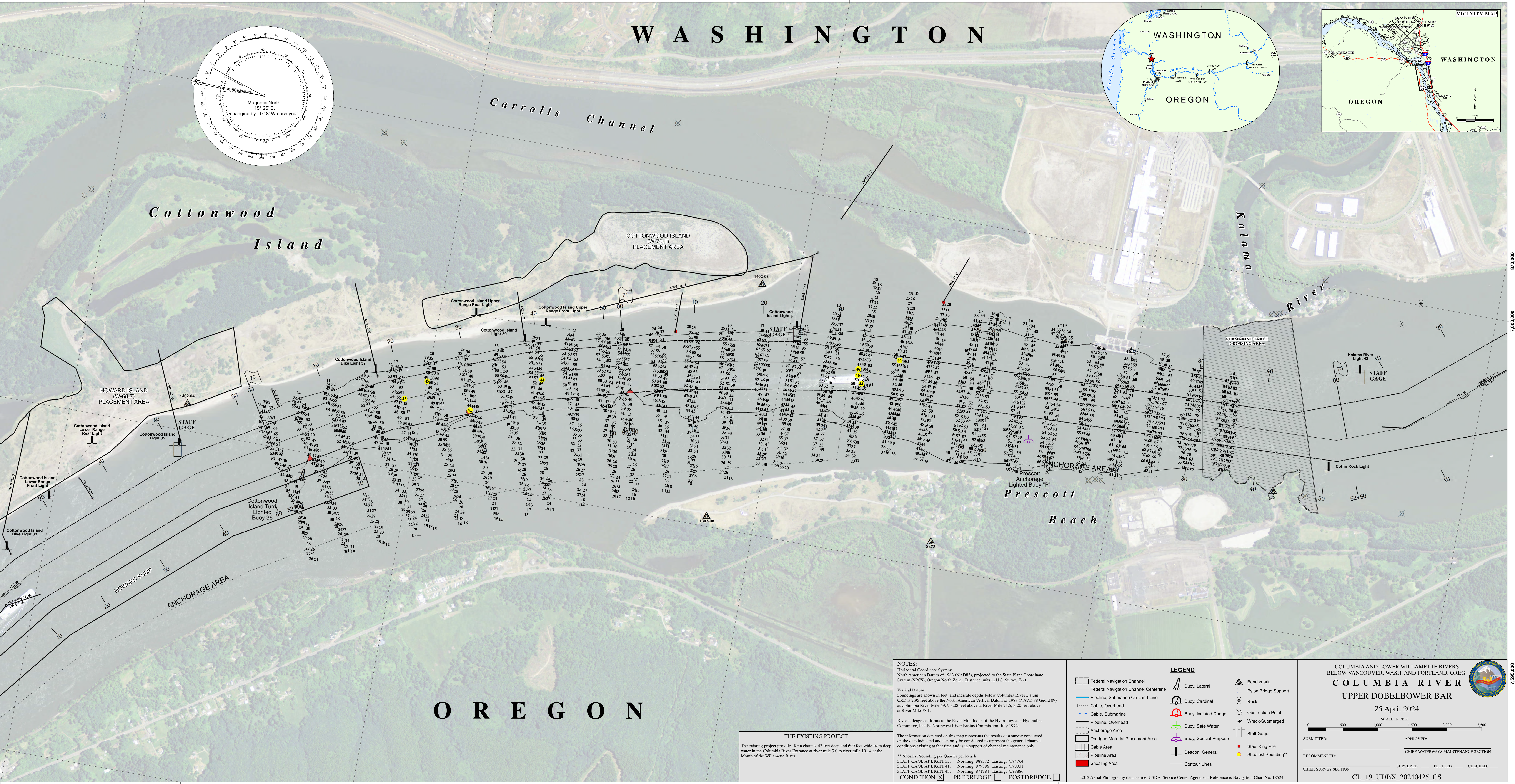
Kalama River

HOWARD ISLAND (W-68.7)
PLACEMENT AREA

STAFF GAGE

Prescott Beach

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 2.95 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 69.7, 3.08 feet above at River Mile 71.5, 3.20 feet above at River Mile 73.1.
 River mileage conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basin Commission, July 1972.

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 3.0 to river mile 101.4 at the Mouth of the Willamette River.
 ** Shoalest Sounding per Quarter per Reach
 STAFF GAGE AT LIGHT 35: Northing: 888372 Easting: 7594764
 STAFF GAGE AT LIGHT 41: Northing: 878086 Easting: 7598011
 STAFF GAGE AT LIGHT 43: Northing: 871784 Easting: 7598886
 CONDITION PREDREDGE POSTDREDGE

LEGEND

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

COLUMBIA AND LOWER WILLAMETTE RIVERS
 BELOW VANCOUVER, WASH. AND PORTLAND, OREG.
COLUMBIA RIVER
UPPER DOBELBOWER BAR
 25 April 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: _____
 CL_19_UBBX_20240425_CS
 870,000