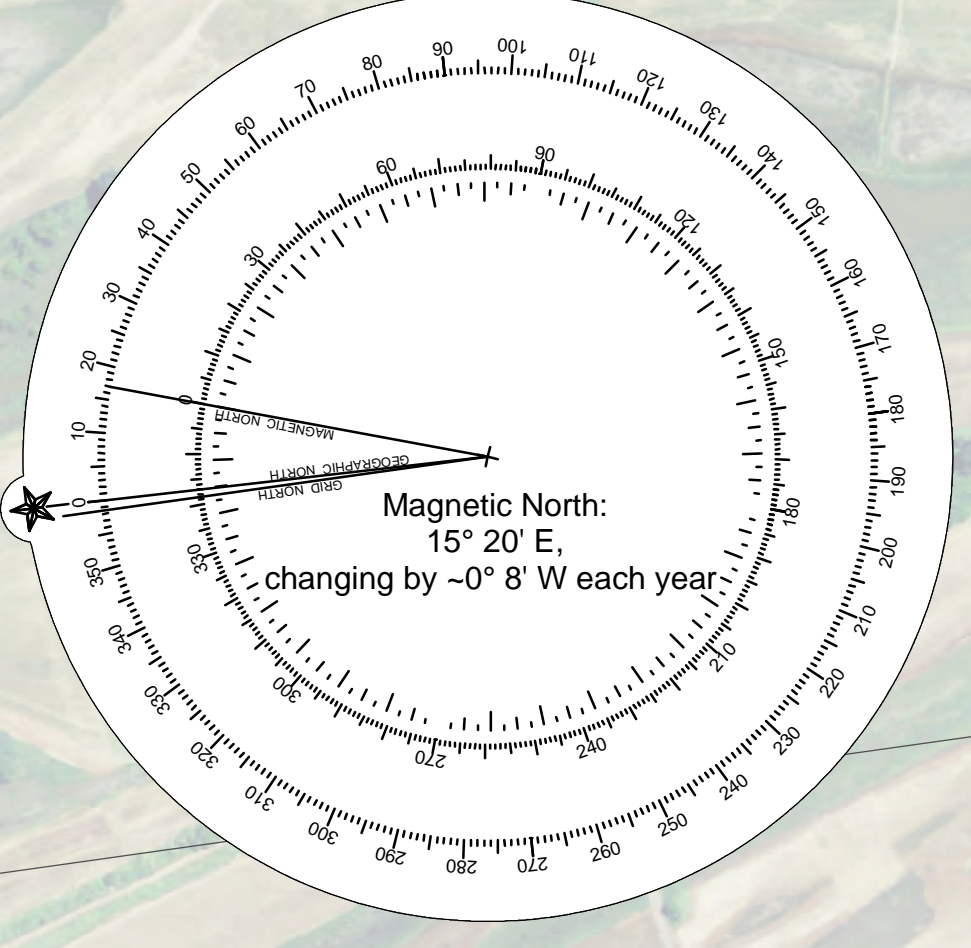
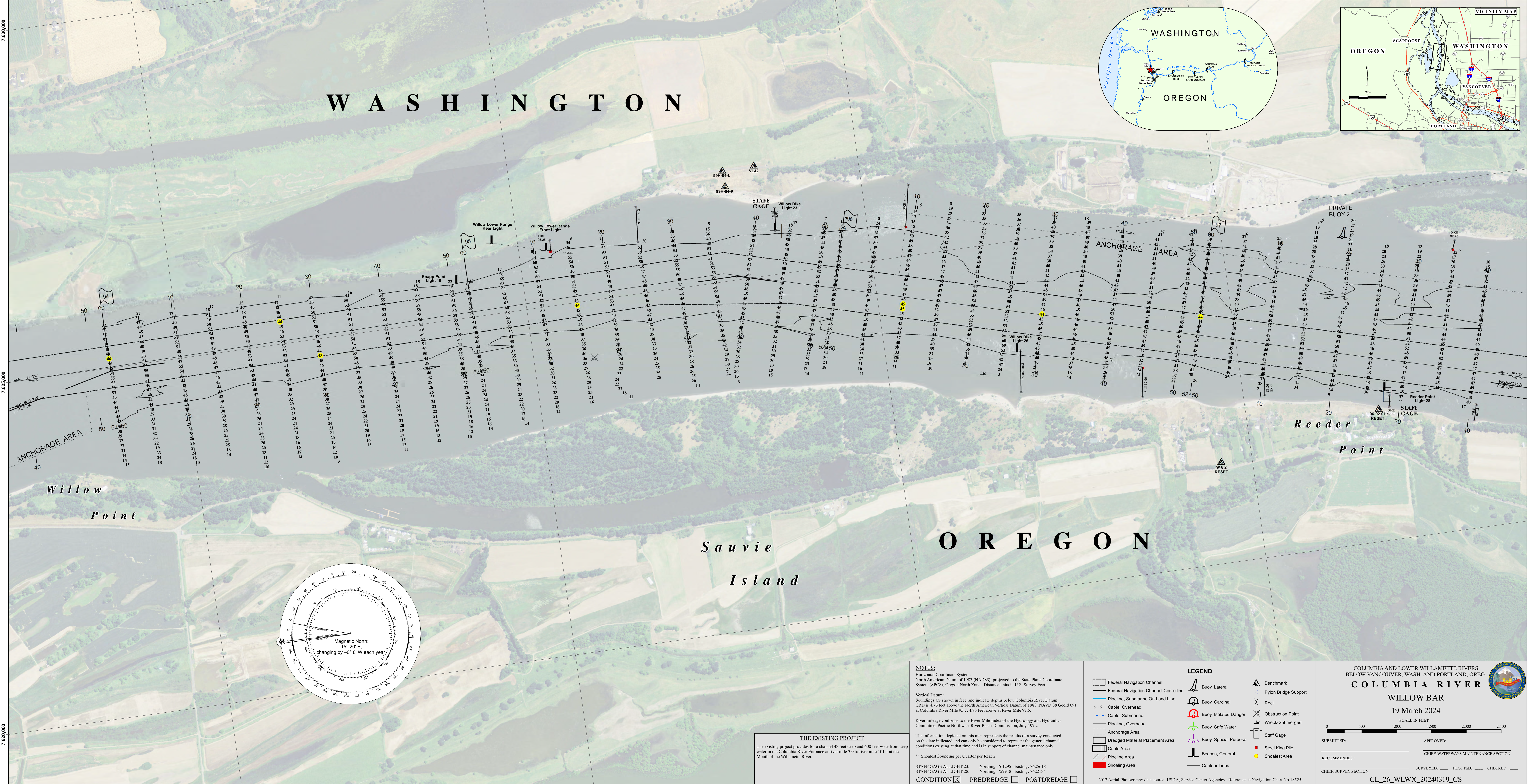


# WASHINGTON

# OREGON



**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.

**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 4.76 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 95.7, 4.85 feet above at River Mile 97.5.  
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 23: Northing: 761295 Easting: 7625618  
STAFF GAGE AT LIGHT 28: Northing: 752948 Easting: 7622134  
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, Beacon, General		Wreck-Submerged
	Pipeline, Overhead		Buoy, Staff Purpose		Staff Gage
	Anchorage Area		Beacon, Special		Staff King Pile
	Dredged Material Placement Area		Shoalest Area		
	Cable Area				
	Pipeline Area				
	Shoaling Area				
	Contour Lines				

COLUMBIA AND LOWER WILLAMETTE RIVERS  
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.  
**COLUMBIA RIVER**  
**WILLOW BAR**  
19 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: \_\_\_\_\_  
CL\_26\_WLWX\_20240319\_CS