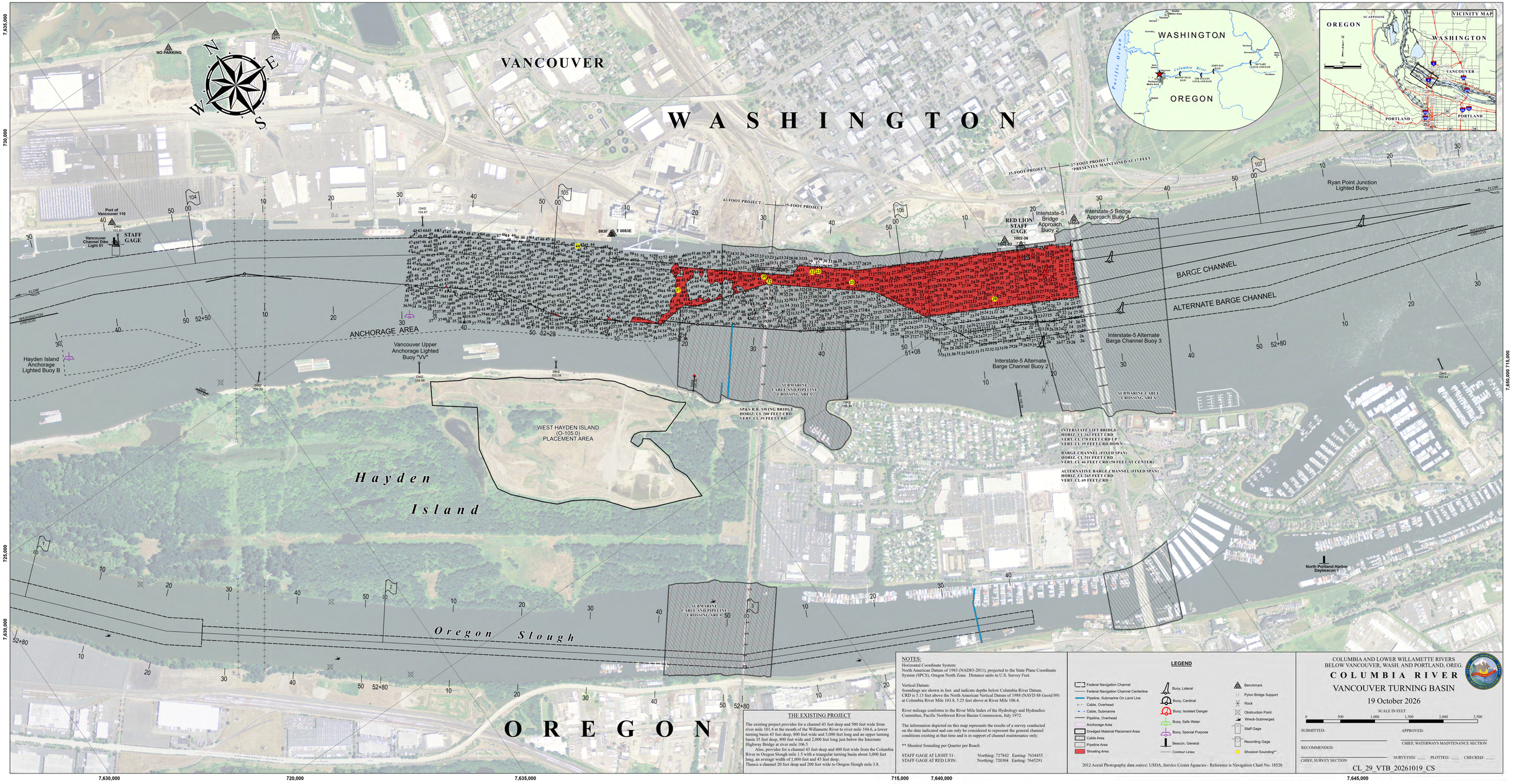
CORPS OF ENGINEERS

U.S. ARMY



NOTES:

Horizontal Coordinate System:
North American Datum of 1983 (NAD83-2011), 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 5.13 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 103.8, 5.25 feet above at River Mile 106.4.

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 51: Northing: 727842 Easting: 7634455
STAFF GAGE AT RED LION: Northing: 720304 Easting: 7645291

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, a lower turning basin 43 feet deep, 800 feet wide and 5,000 feet long and an upper turning basin 35 feet deep, 800 feet wide and 2,000 feet long just below the Interstate Highway Bridge at river mile 106.5

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.

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

VANCOUVER TURNING BASIN

19 October 2026

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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