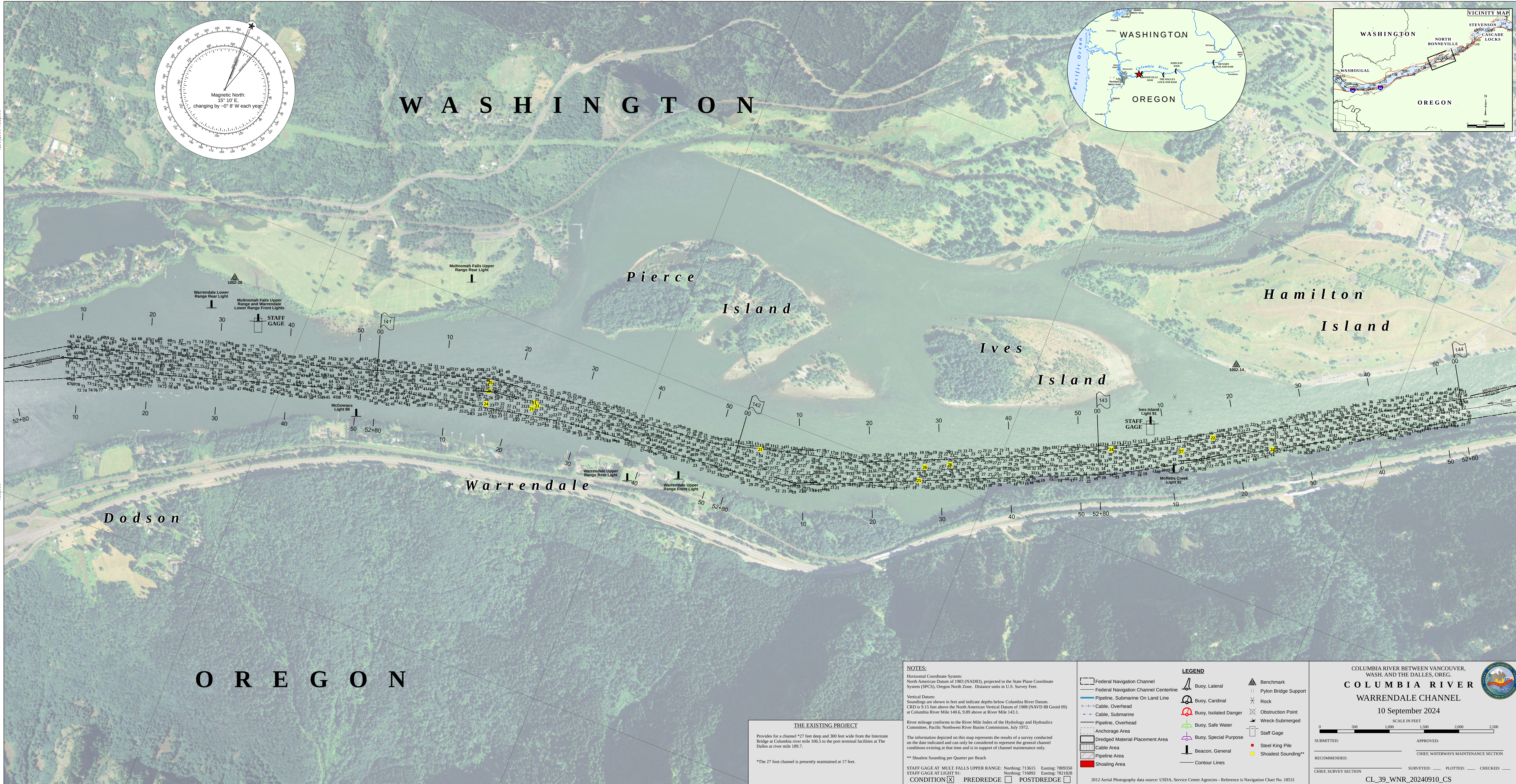
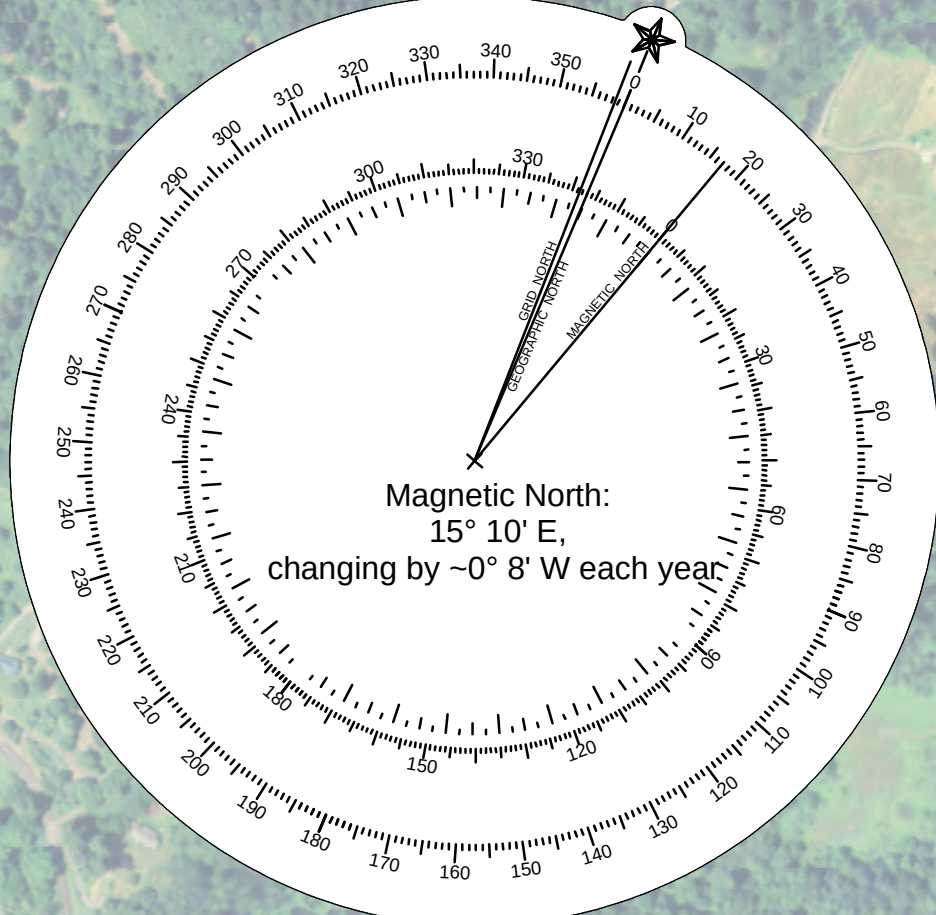




NOTES:
Horizontal Coordinate System:
North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Oregon North Zone. Distance units in U.S. Survey Feet.

Vertical Datum:
Soundings are shown in feet and indicate depths below Columbia River Datum, CIRD is 9.15 feet above the North American Vertical Datum of 1988 (NAVD88) Ceyd (09) at Columbia River Mile 140.6, 9.89 above at River Mile 143.1.

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 MULT. FALLS UPPER RANGE: Northing: 713615 Easting: 7809350
STAFF GAGE AT LIGHT 91: Northing: 716892 Easting: 7821828

CONDITION ☒ PREDREDGE ☐ POSTDREDGE ☐

THE EXISTING PROJECT
Provides for a channel *27 feet deep and 300 feet wide from the Interstate Bridge at Columbia river mile 106.5 to the port terminal facilities at The Dalles at river mile 189.7.

*The 27 foot channel is presently maintained at 17 feet.

- 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
 - Steel King Pile
 - Shoalest Sounding**

2012 Aerial Photography data source: USDA, Service Center Agencies - Reference is Navigation Chart No. 18531

COLUMBIA RIVER BETWEEN VANCOUVER, WASH. AND THE DALLES, OREG.
COLUMBIA RIVER
WARRENDALE CHANNEL

10 September 2024

SCALE IN FEET

SUBMITTED: _____ APPROVED: _____

RECOMMENDED: _____ CHIEF, WATERWAYS MAINTENANCE SECTION

CHIEF, SURVEY SECTION _____ SURVEYED: _____ PLOTTED: _____ CHECKED: _____

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