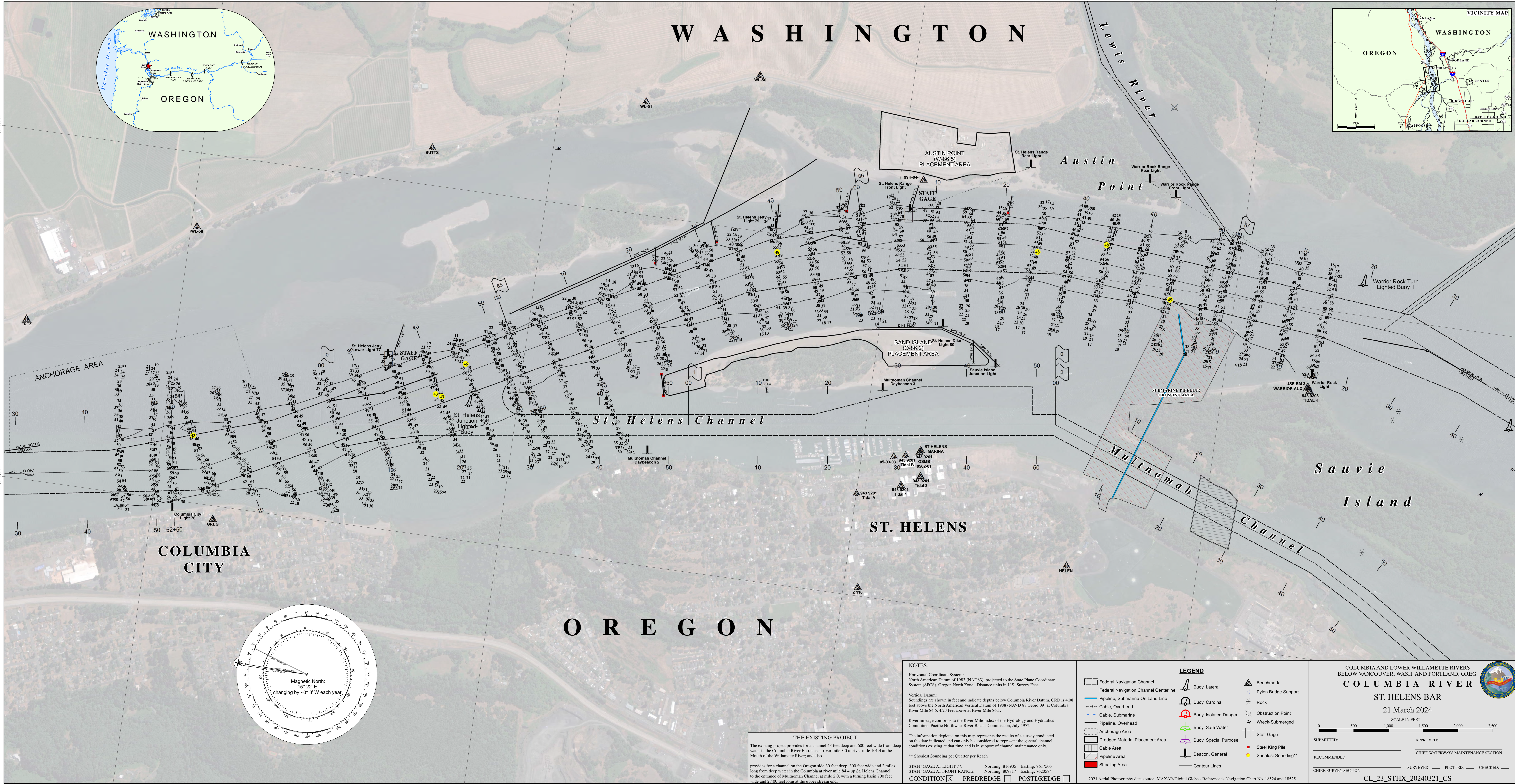




WASHINGTON

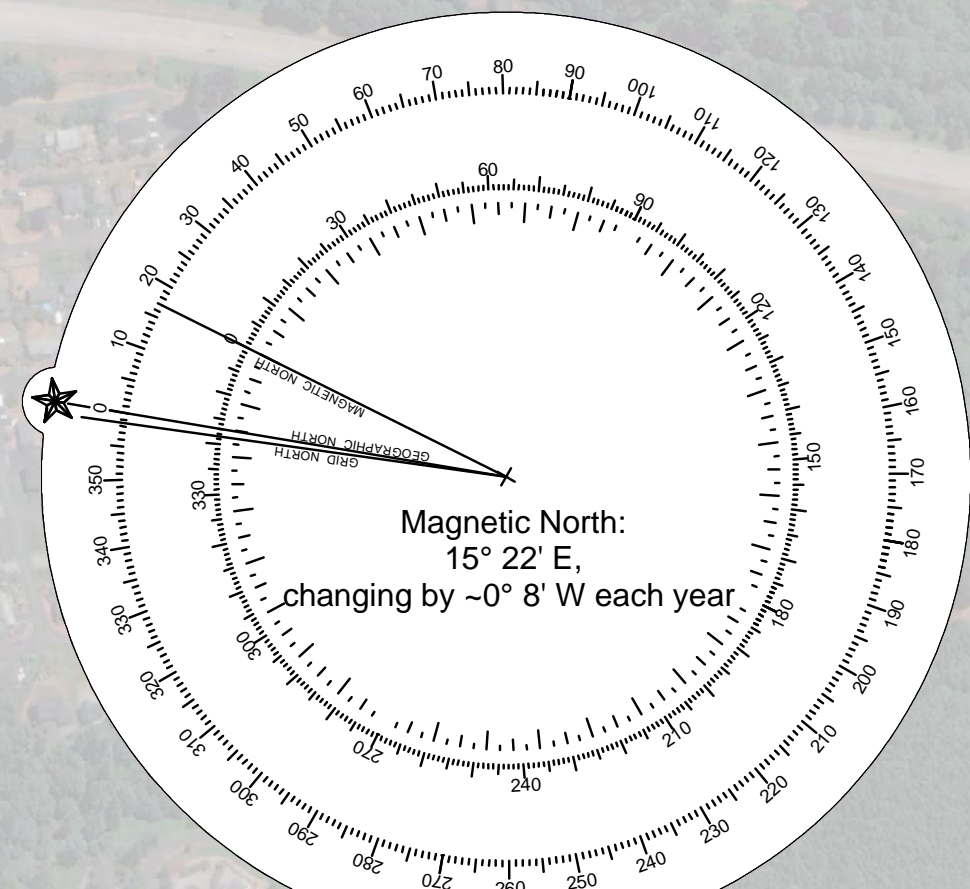
OREGON



COLUMBIA CITY

ST. HELENS

Sauvie Island



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 the Mouth of the Willamette River; and also:
 provides for a channel on the Oregon side 30 feet deep, 300 feet wide and 2 miles long from deep water in the Columbia at river mile 84.4 up St. Helens Channel to the entrance of Multnomah Channel at mile 2.0, with a turning basin 700 feet wide and 2,400 feet long at the upper stream end.

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 4.08 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 84.6, 4.23 feet above at River Mile 86.1.
 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 LIGHT 77: Northing: 816955 Easting: 7617505
 STAFF GAGE AT FRONT RANGE: Northing: 809817 Easting: 7620584
 CONDITION PREDREDGE POSTDREDGE

LEGEND

COLUMBIA AND LOWER WILLAMETTE RIVERS
 BELOW VANCOUVER, WASH. AND PORTLAND, OREG.
COLUMBIA RIVER
ST. HELENS BAR
 21 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_23_STHX_20240321_CS

7,620,000

7,615,000

7,620,000

7,615,000