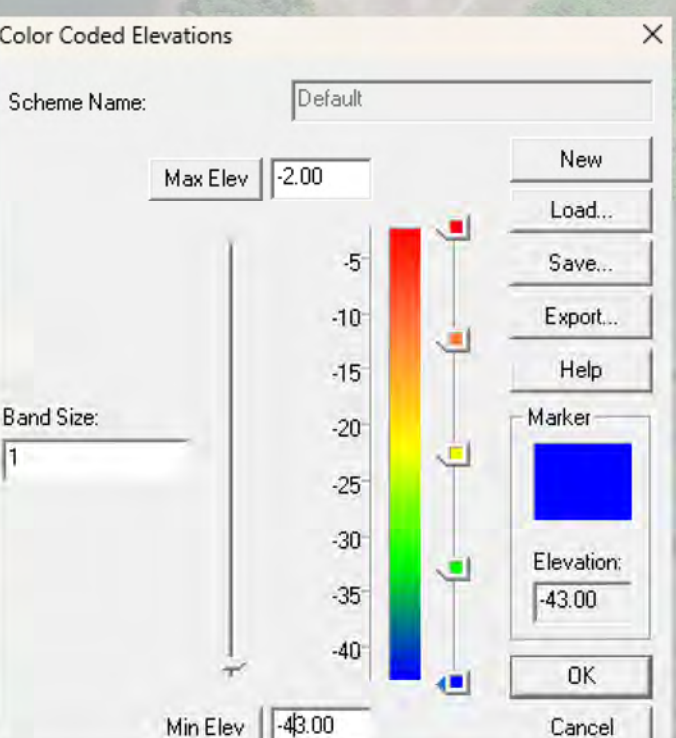
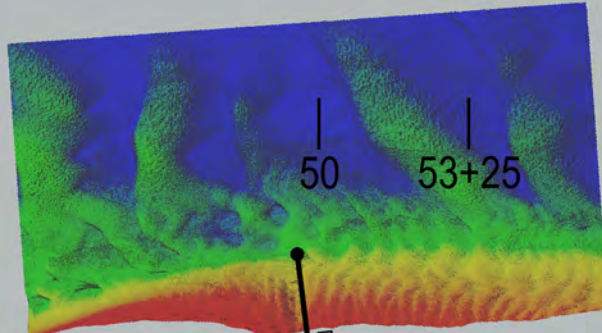
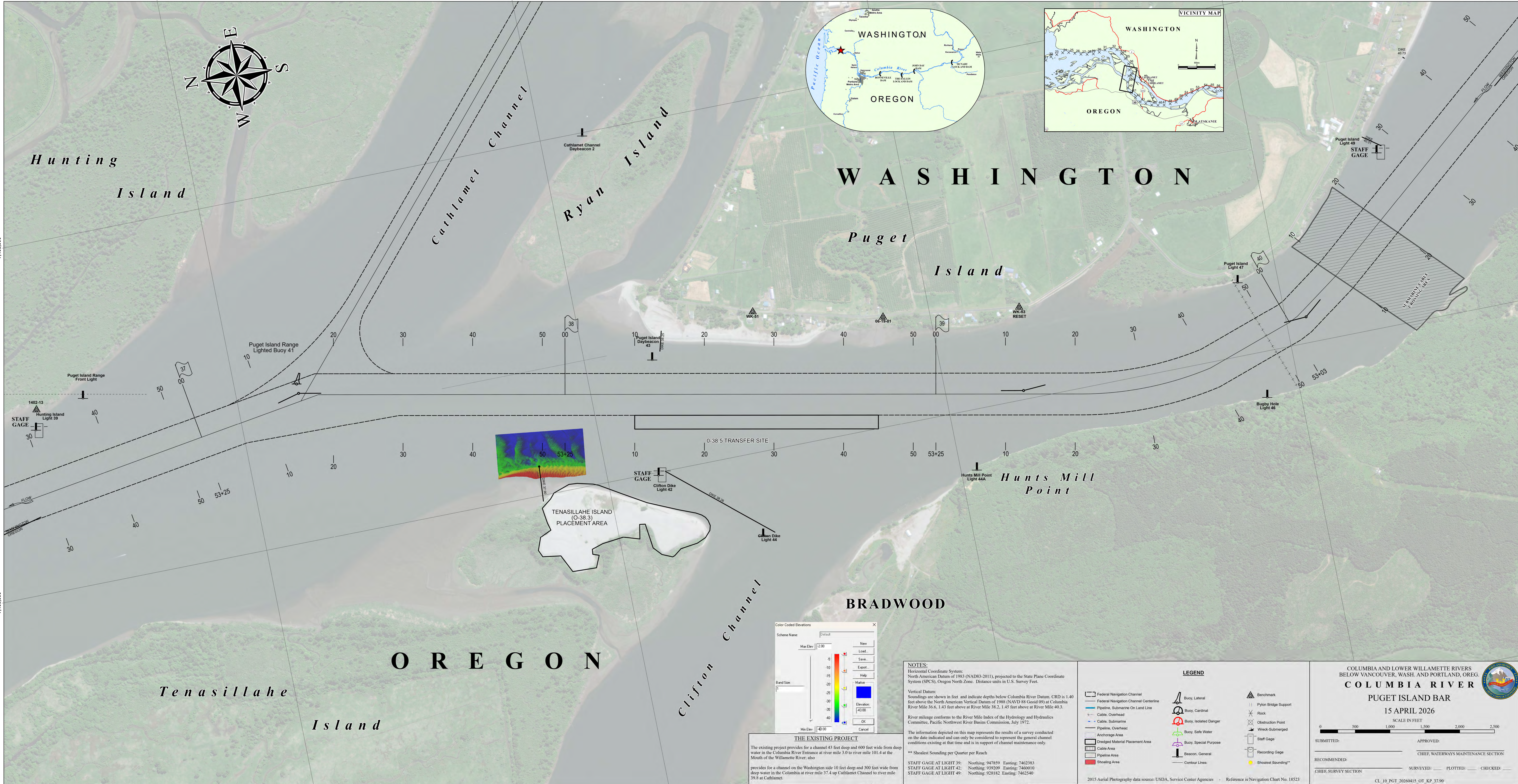
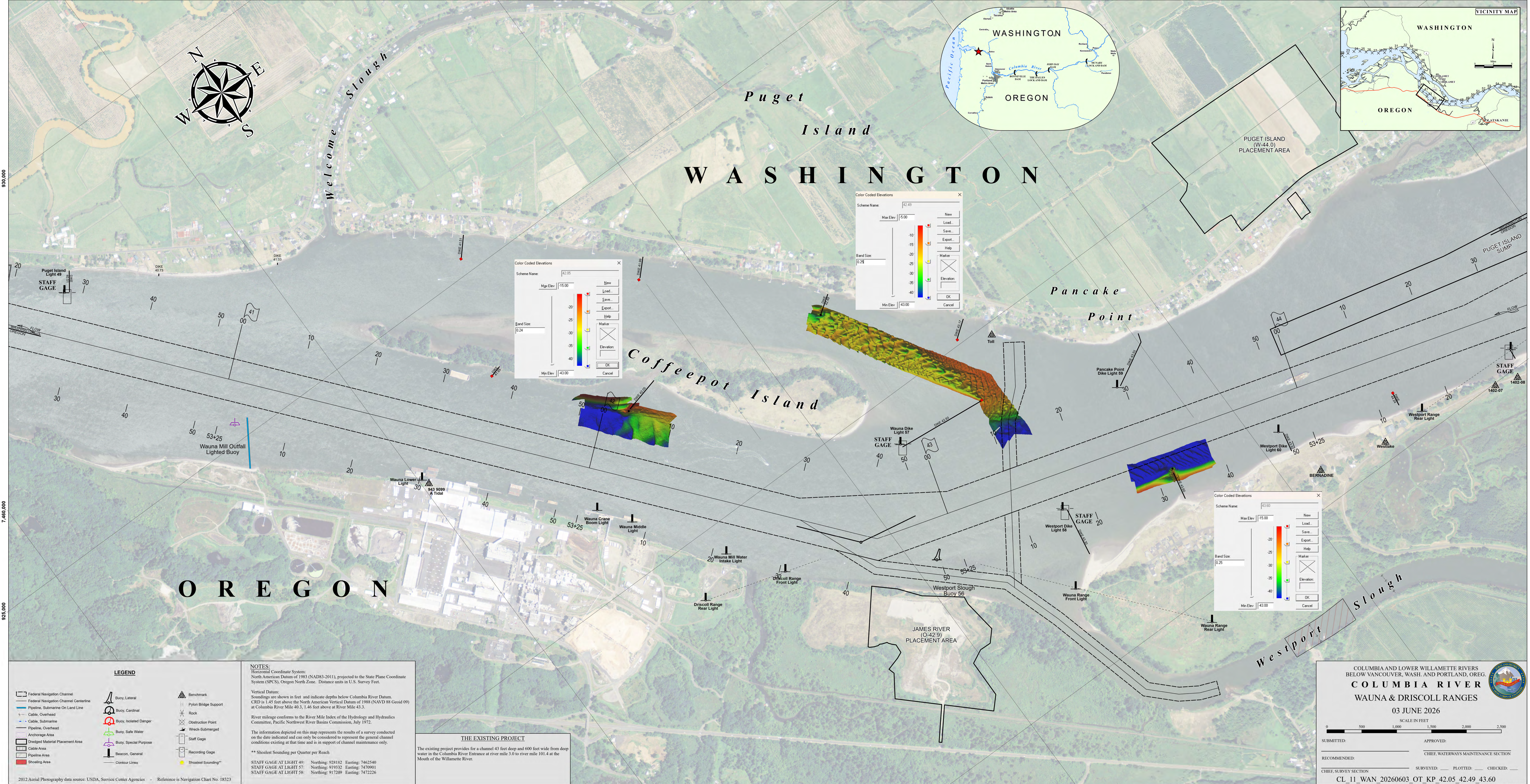




NOTES:
Horizontal Coordinate System:
North American Datum of 1983 (NAD83-2011), projected to the State Plane Coordinate System (SPCS), Oregon North Zone. Distance units in U.S. Survey Feet.
Vertical Datum:
Soundings are shown in feet and indicate depths below Columbia River Datum: CRD is 1.40 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 36.6, 1.45 feet above at River Mile 38.2, 1.45 feet above at River Mile 40.3.
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 39: Northing: 947859 Easting: 7462383
STAFF GAGE AT LIGHT 42: Northing: 939299 Easting: 7464010
STAFF GAGE AT LIGHT 49: Northing: 928182 Easting: 7462540

LEGEND		

COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.
COLUMBIA RIVER
PUGET ISLAND BAR
15 APRIL 2026
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_10_PGT_20260415_OT_KP_37.90
930,000



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**

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 1.45 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 40.5, 1.46 feet above at River Mile 43.5.
River mileage conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basin 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 49: Northing: 928182 Easting: 7462540
STAFF GAGE AT LIGHT 57: Northing: 919332 Easting: 7470901
STAFF GAGE AT LIGHT 58: Northing: 917209 Easting: 7472226

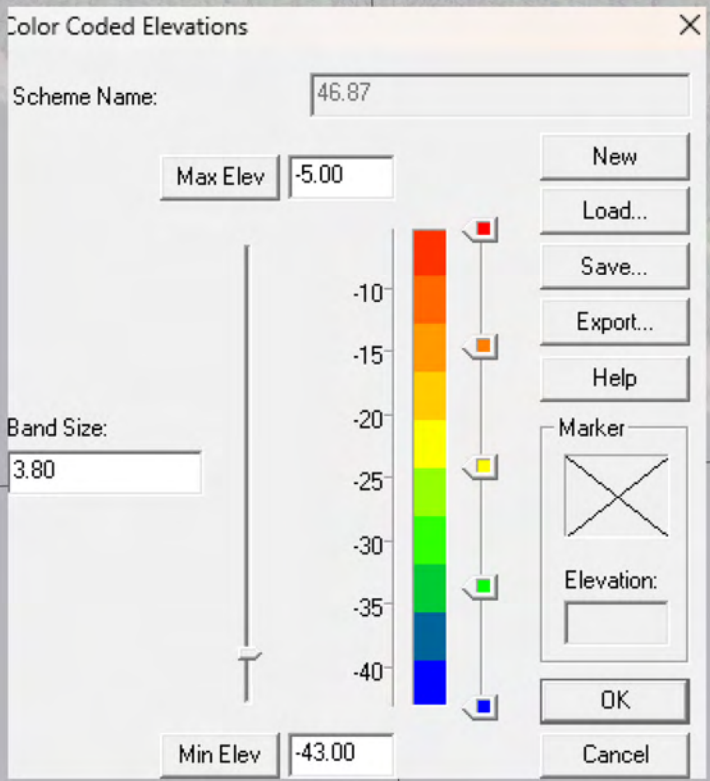
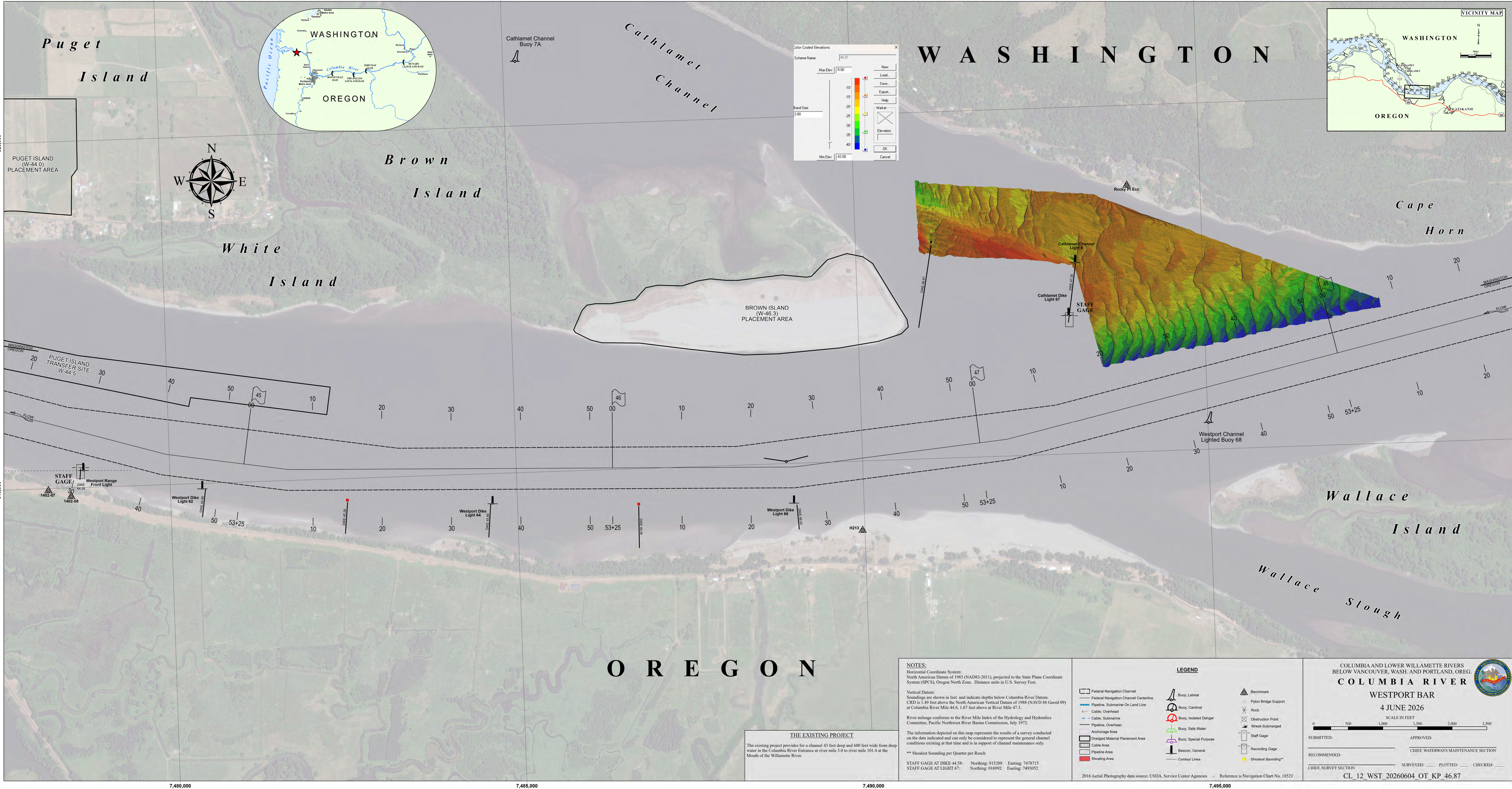
THE EXISTING PROJECT

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.

COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.
COLUMBIA RIVER
WAUNA & DRISCOLL RANGES

03 JUNE 2026

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 11_WAN_20260603_OT_KP 42.05 42.49 43.60



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 1.49 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 44.6, 1.67 feet above at River Mile 47.3.
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 DIKE 44.58: Northing: 915288 Easting: 7478715
STAFF GAGE AT LIGHT 67: Northing: 916992 Easting: 7493052

LEGEND		

COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.
COLUMBIA RIVER
WESTPORT BAR
4 JUNE 2026
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_12_WST_20260604_OT_KP_46.87



WASHINGTON



Cape
Horn

10 Eureka Channel
Lighted Buoy 73

Waterford Light 69

30 Cooper Point
Light 71

Eureka Dike
Light 77

Eureka Dike
Light 79

Eureka Channel
Light 70

Eureka Dike
Light 76

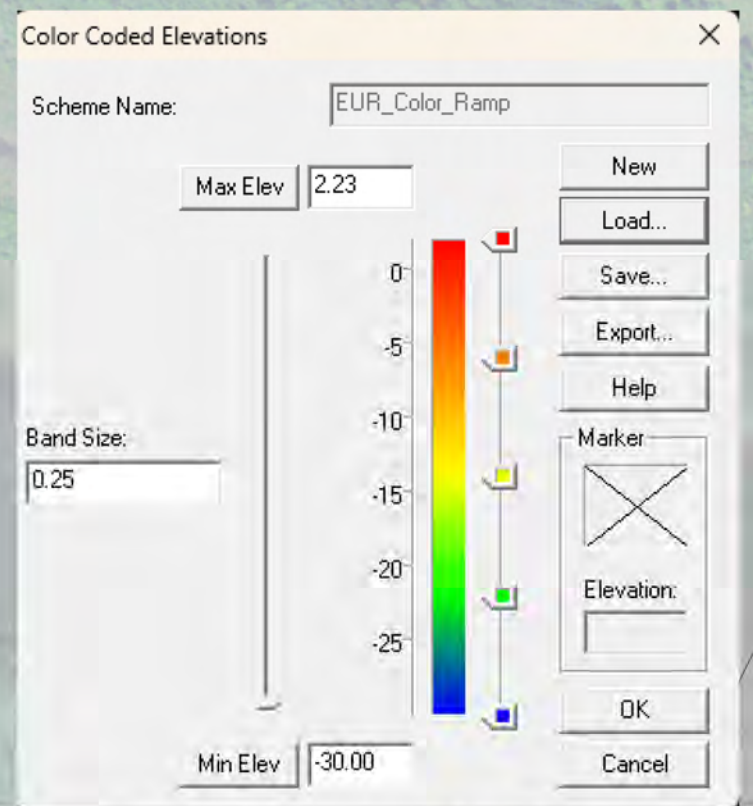
Eureka Dike
Light 78

Eureka Dike
Light 80

Cooper
Island

Wallace
Slough

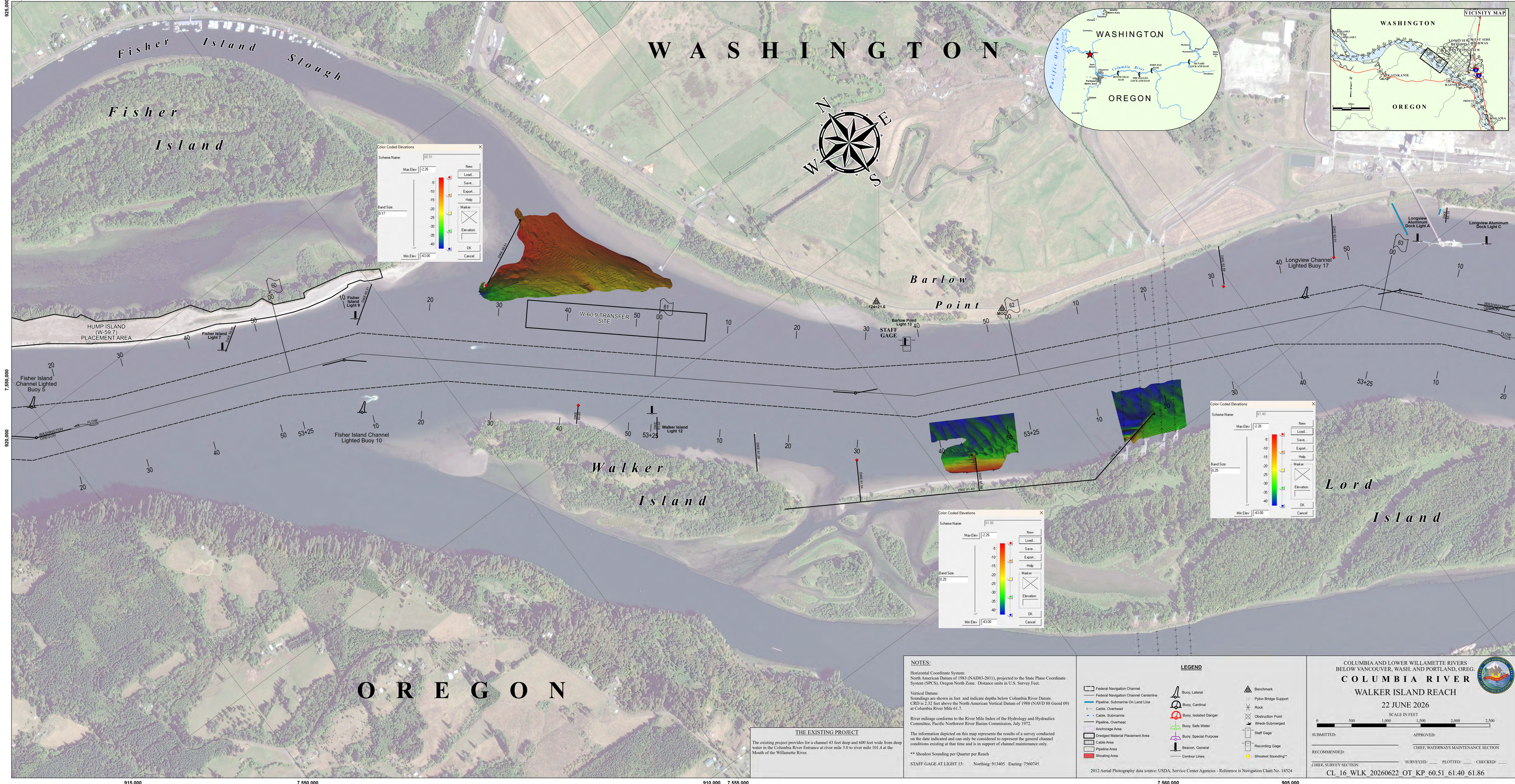
OREGON



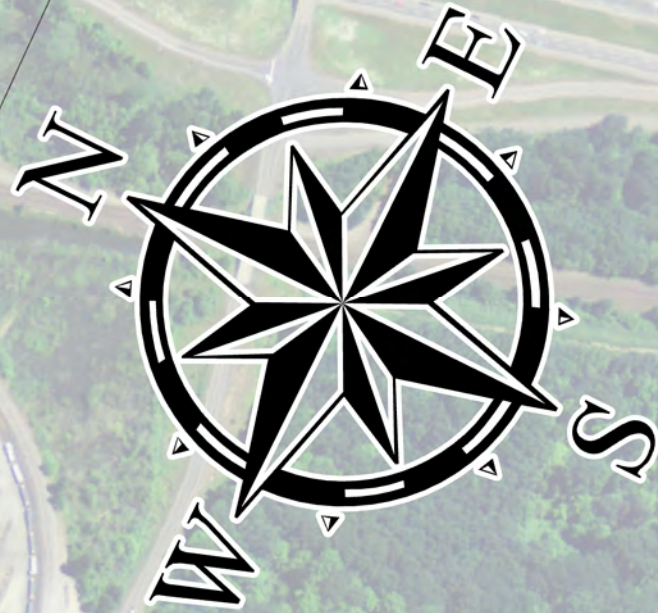
NOTES:
Horizontal Coordinate System:
North American Datum of 1983 (NAD83-2011), projected to the State Plane Coordinate System (SPCS), Oregon North Zone. Distance units in U.S. Survey Feet.
Vertical Datum:
Soundings are shown in feet and indicate depths below Columbia River Datum. CRD is 1.88 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 50.6, 1.90 feet above at River Mile 51.4.
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 76: Northing: 921897 Easting: 7509581
STAFF GAGE AT LIGHT 79: Northing: 925885 Easting: 7514392
STAFF GAGE AT LIGHT 80: Northing: 923773 Easting: 7513595

LEGEND		

COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.
COLUMBIA RIVER
EUREKA BAR
APRIL 14 2006
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_13_EUR_20260414_OT_KP_51.60







WASHINGTON

KALAMA



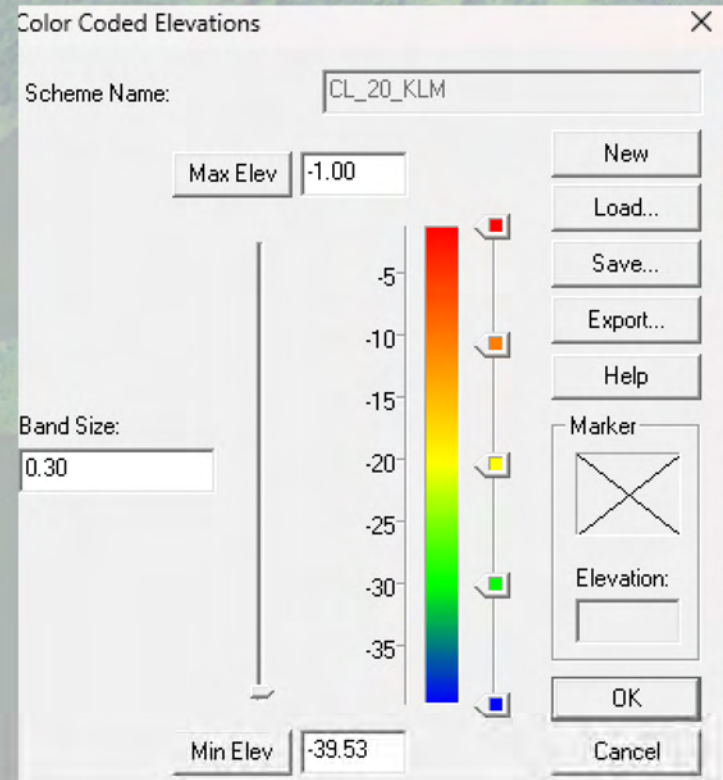
Columbia River

Ahle Point

Sandy Island

GOBLE

OREGON



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 3.20 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 73.1, 3.33 feet above at River Mile 75.1.
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 43: Northing: 871784 Easting: 7598886
STAFF GAGE AT LIGHT 47A: Northing: 862747 Easting: 7604757

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.

LEGEND		

COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.
COLUMBIA RIVER
KALAMA RANGES
3 JUNE 2026
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_20_KLM_20260603_OT_KP_75.46 US/DS



WASHINGTON

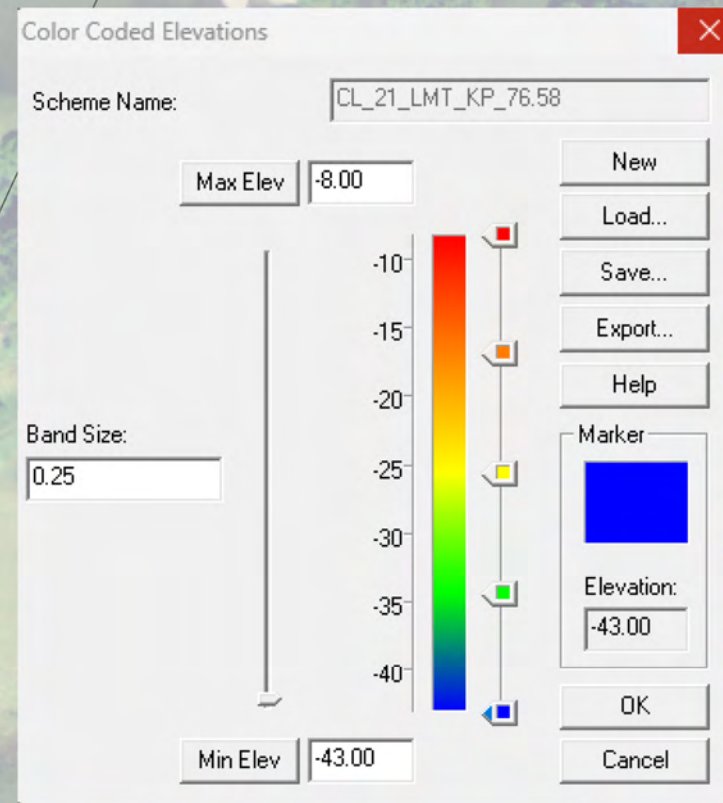
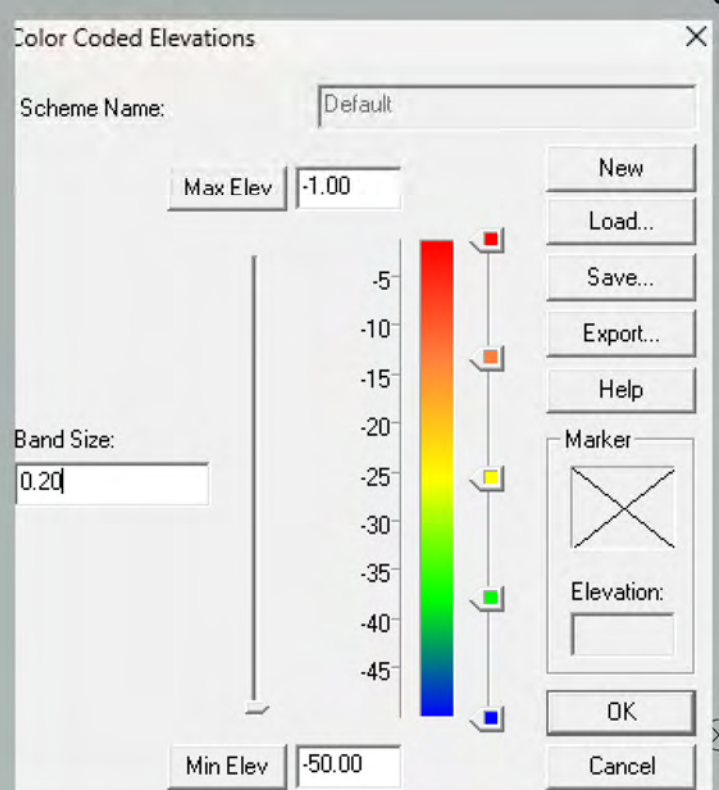
Martin Slough

Martin Island

Goat Island

Deer Island

OREGON



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 3.51 feet above the North American Vertical Datum of 1988 (NAV88 Goid 09) at Columbia River Mile 77.3, 3.73 feet above at River Mile 79.7.
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 DIKE: Northing: 851967 Easting: 760698
STAFF GAGE AT LIGHT 63: Northing: 841892 Easting: 7615435

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.

COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.
COLUMBIA RIVER
LOWER MARTIN ISLAND BAR
20 MAY/01 JULY 2026

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_21_LMT_20260520_OT_KP_76.58_79.35

LEGEND

2012 Aerial Photography data source: USDA, Service Center Agencies - Reference is Navigation Chart No. 18524