CORPS OF ENGINEERS

U.S. ARMY

7,584,000 7,586,000 898,000 7,588,000 7,590,000

896,000 894,000 7,584,000

W A S H I N G T O N

LONGVIEW

Old Mouth
Cowlitz River

Cowlitz River

Columbia River
Main Channel

Cowlitz River
Lighted Buoy 25

STAFF
GAGE

RAINIER

RAINIER 2

Shaver Trans
Mooring Barge Lt

O R E G O N





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 2.78 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 67.6.

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 RAINIER: Northing: 892612 Easting: 7584970

THE EXISTING PROJECT

The existing project provides for a channel 8 feet deep and 150 feet wide from deep water in the Columbia River through Old Mouth of Cowlitz River to a point about 3,000 feet upstream from present terminus of harbor line.

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. 18524

COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.

C O W L I T Z R I V E R

OLD MOUTH

02 November 2026

SCALE IN FEET

0 200 400 600 800 1,000

SUBMITTED: APPROVED:

CHIEF, WATERWAYS MAINTENANCE SECTION

RECOMMENDED:

CHIEF, SURVEY SECTION

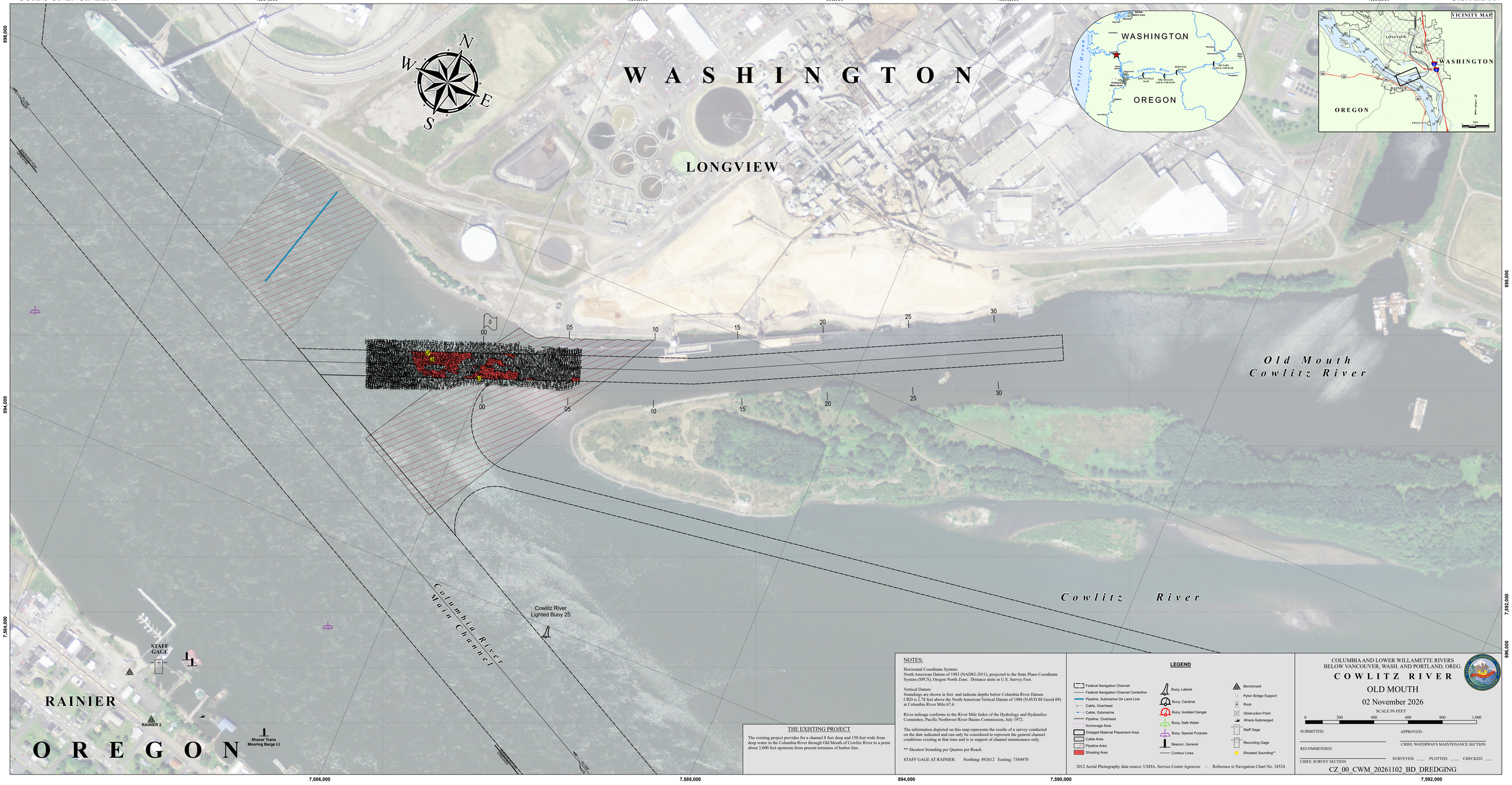
SURVEYED: PLOTTED: CHECKED:

CZ_00_CWM_20261102_BD

7,586,000 7,588,000 894,000 7,590,000 7,592,000

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 2.78 feet above the North American Vertical Datum of 1988 (NAVD 88 Geoid 09) at Columbia River Mile 67.6.

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

STAGE AT RAINIER: Northing: 892612 Easting: 7584970

THE EXISTING PROJECT

The existing project provides for a channel 8 feet deep and 150 feet wide from deep water in the Columbia River through Old Mouth of Cowlitz River to a point about 3,000 feet upstream from present terminus of harbor line.

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. 18524

COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.

COWLITZ RIVER

OLD MOUTH

02 November 2026

SCALE IN FEET

0 200 400 600 800 1,000

SUBMITTED: APPROVED:

CHIEF, WATERWAYS MAINTENANCE SECTION

RECOMMENDED:

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

CZ_00_CWM_20261102_BD_DREDGING