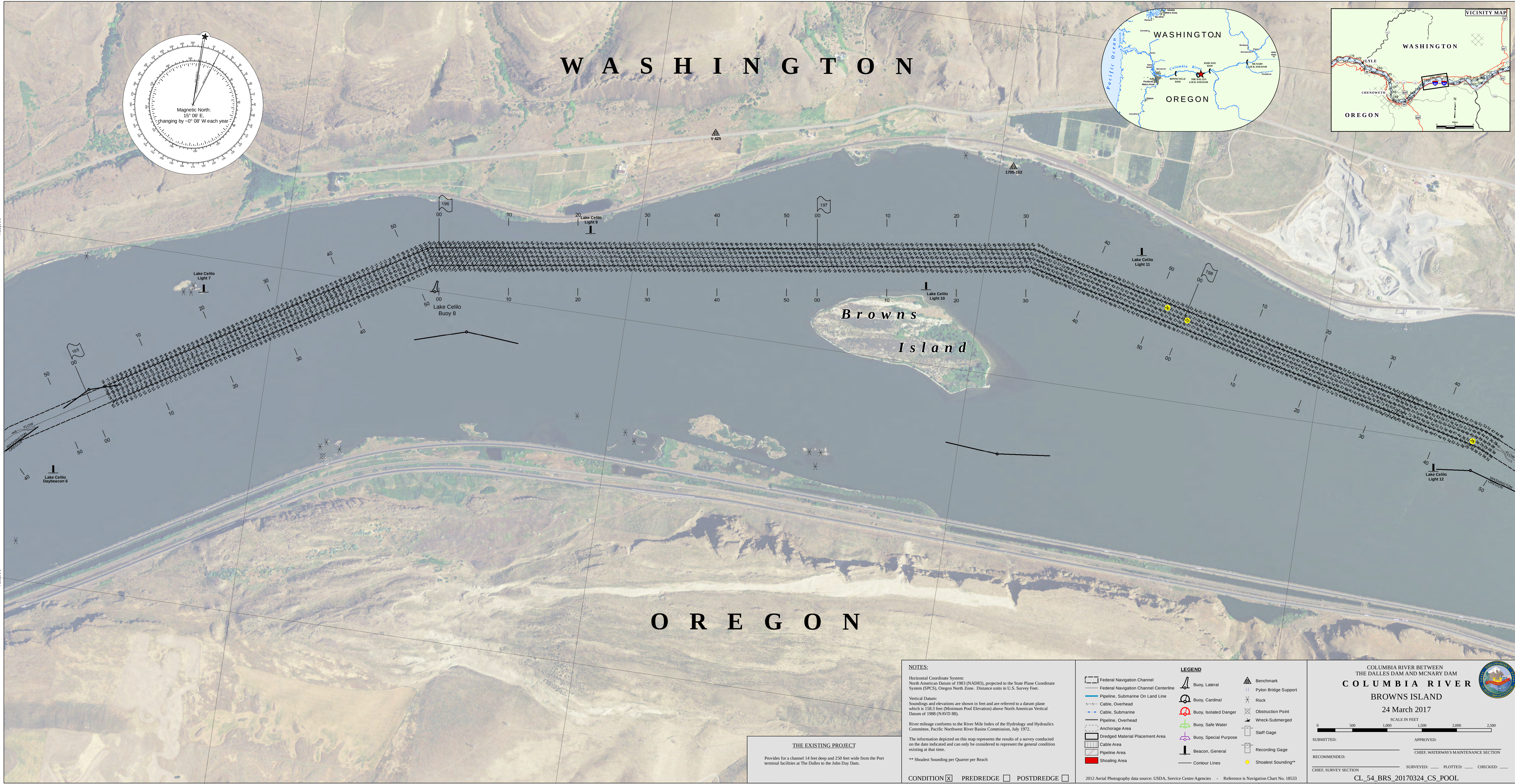
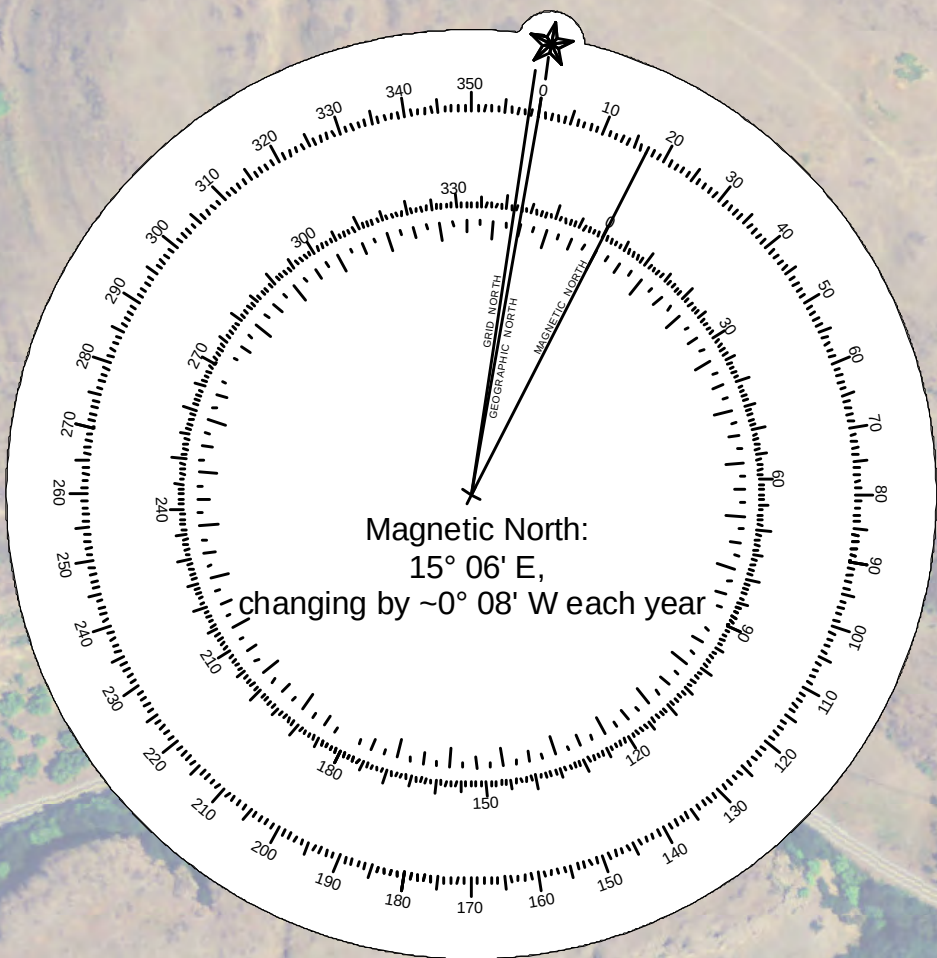




NOTES:

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 and elevations are shown in feet and are referred to a datum plane which is 158.3 feet (Minimum Pool Elevation) above North American Vertical Datum of 1988 (NAVD 88).

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 condition existing at that time.

** Shoalest Sounding per Quarter per Reach

CONDITION ☒ PREDREDGE ☐ POSTDREDGE ☐

LEGEND

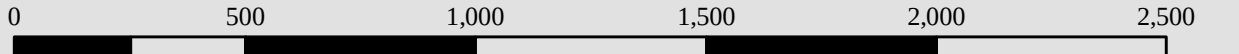
- | | | |
|---------------------------------------|-----------------------|----------------------|
| Federal Navigation Channel | Buoy, Lateral | Benchmark |
| Federal Navigation Channel Centerline | Buoy, Cardinal | Pylon Bridge Support |
| Pipeline, Submarine On Land Line | Buoy, Isolated Danger | Obstruction Point |
| Cable, Overhead | Buoy, Safe Water | Wreck-Submerged |
| Cable, Submarine | Buoy, Special Purpose | Staff Gage |
| Pipeline, Overhead | Beacon, General | Recording Gage |
| Anchorage Area | Contour Lines | Shoalest Sounding** |
| Dredged Material Placement Area | | |
| Cable Area | | |
| Pipeline Area | | |
| Shoaling Area | | |

2012 Aerial Photography data source: USDA, Service Center Agencies - Reference is Navigation Chart No. 18533

COLUMBIA RIVER BETWEEN
THE DALLES DAM AND MCNARY DAM
COLUMBIA RIVER
BROWNS ISLAND

24 March 2017

SCALE IN FEET



SUBMITTED: _____ APPROVED: _____

RECOMMENDED: _____ CHIEF, WATERWAYS MAINTENANCE SECTION

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

CL_54_BRS_20170324_CS_POOL

720,000

8,070,000

8,065,000

8,060,000

8,055,000