



# Survey



Surveying is a part of nearly every project we are involved with. Consequently, our surveyors have developed proficiency on a broad range of project types from intersections to roadways 20 miles in length.

We are fully adaptable to each client's specific standards and needs because of our regular work on a range of survey projects throughout the Pacific Northwest.

By using advanced equipment and innovative data processing techniques, we quickly deliver the high-quality results you need.





### **Bonneville Power Administration LiDAR Control Survey. Idaho, Washington and Oregon**

The OBEC survey team set new primary control monuments and secondary control points for LiDAR-based (Light Detection & Ranging) mapping of transmission lines in remote areas. OBEC crews have performed similar projects in Oregon's Willamette Valley and Washington's Olympic Region.



### **Bonneville Power Administration Radio Inventory Project. California, Idaho, Oregon and Washington**

As part of our ongoing on-call contract with Bonneville Power Administration (BPA), OBEC crews provided surveys for geodetic location and inventory of radio equipment at various BPA facilities across the northwest.



### **I-5: Willamette River Bridges. Eugene/Springfield, OR**

This \$220 million project comprised a multitude of elements: Two new parallel bridges over the Willamette River, a new bridge over the Canoe Canal, roadway approaches, 5,840 feet of new multi-use paths, a new 1,200-foot-long bicycle/pedestrian viaduct along Franklin Boulevard, public involvement, and extensive environmental permitting.



### **Mountainview Reservoirs. Oregon City, OR**

OBEC established horizontal and vertical control to perform the topographic survey and to tie in existing features for this \$7 million project.

The project included construction of a new 2 million gallon 119-foot-diameter strand-wrapped prestressed concrete tank and rehabilitation and seismic strengthening of an existing 10.5 million gallon cast-in-place concrete reservoir.



Delivering Solutions that Connect

[www.OBEC.com](http://www.OBEC.com)

## Let's Connect

**Jim Colton**  
Survey Division Manager

[jcolton@obec.com](mailto:jcolton@obec.com)  
Direct: 541.762.2087

