

FILED JUL 5 2000

HORIZONTAL CONTROL DATA

State Plane in International Feet, Elevations in U.S. Survey Feet
Retrieval Date and Time: 08/19/1999 08:27:01

Station Number: 161	GEODETIC DATUM: NAD 83/91
Station Name: POWDER	LAT.: 43°11' 10.23012" N
Section: 30 Township: 27S Range: 6W	LONG: 123°27' 49.47775" W
1/4 Section: SW County: DOUGLAS	SPCS DATUM: ORS3602
Date Set: 06/02/1999 State: OR	Northing: 567758.705+/-0.016
Firm: David Evans and Associates, Inc.	Easting: 4131036.896+/-0.010
Addr: 2828 S.W. Corbett	VERTICAL DATUM: NAVD88
Portland, Oregon 97201-4830	GEOID MODEL: GEO96NW
(503) 223-6663	Orthometric Elev.: 649.049
	+/-0.039
GPS: YES Type:	Ellipsoidal Elev.: 571.295
Group: C Order: 1	Separation: -77.754
PPM: 10	Convergence: -2°1'39.495044"
	Scale Factor: 0.99989465

Statement per ORS 209.250(6)(g)
 Survey was done for Bonneville Power for a proposed line. Equipment used includes Kern tripods, Trimble 4000ssi's 4800's, GPSurvey and Geolab2. Horizontal controls are PID's PC0964, AA5135, QE2665, OA0733, AA5127, PC1116, AA5126, PC1117, vertical controls are PID's AA5127, OA0733, OA0660, OA0616, PC0512, PC0419, PC0689, PC0738, PC0591 and OSHD Benchmarks Y596, M675, J675.

Directions to the Monument:
 FROM THE INTERSECTION OF I-5 AND 138 EAST, GO WEST ON HARVARD ROAD 1.1 MILE TO LOOKINGGLASS ROAD. HEAD WESTERLY ON LOOKINGGLASS ROAD 4.9 MILES ON NORTH SIDE OF ROAD SET CARSONITE 7.7' IN FENCE LINE 20.5' NORTH OF LOOKINGGLASS ROAD 79' N.W. OF 5' CULVERT.

Monument Type: 3 1/4 inch Aluminum BPA cap on Aluminum rod
 Stamping: POWDER 1999
 Description of the Monument:
 STATION IS A STANDARD BPA ALUMINUM CAP MOUNTED ON A ROD DRIVEN TO REFUSAL AND SET IN CONCRETE.
 STATION IS LOCATED 20.5 FT. NORTH OF THE NORTH EDGE OF PAVEMENT OF LOOKING GLASS ROAD, THE NORTH END OF A 5 FT. DIAMETER CULVERT BEARS EASTERLY 79 FEET, A CARSONITE WITNESS POST IN FENCE LINE BEARS NORTH 7.7 FT.



6-30-2001
 SURVEYOR'S STAMP

1 meter = 3.28083333... U.S. Feet = 39.37 inches exactly
 1 meter = 3.280839895 Intl. Feet or 1 inch = 2.54 cm. exactly
 To calculate Elevation Factor (in the North American Continent)
 Divide 20,906,000 by 20,906,000 + Ellipsoid Elevation in feet.

C.S. File No. 65/31-20