

HORIZONTAL CONTROL DATA

State Plane in International Feet, Elevations in U.S. Survey Feet
 Retrieval Date and Time: 08/19/1999 08:26:47

Station Number: 115	GEODETIC DATUM: NAD 83/91
Station Name: SUNNY	LAT.: 43°39' 50.33709" N
Section: 15 Township: 22S Range: 6W	LONG: 123°23' 53.24106" W
1/4 Section: NW County: DOUGLAS	SPCS DATUM: ORS3602
Date Set: 05/20/1999 State: OR	Northing: 741189.060+/-0.016
Firm: David Evans and Associates, Inc.	Easting: 4154551.659+/-0.013
Addr: 2828 S.W. Corbett	VERTICAL DATUM: NAVD88
Portland, Oregon 97201-4830	GEOID MODEL:GEO96NW
(503) 223-6663	Orthometric Elev.: 230.545
	+/-0.046
GPS: YES Type:	Ellipsoidal Elev.: 155.263
Group: C Order: 1	Separation: -75.281
PPM: 10	Convergence: -1°58'57.87433"
	Scale Factor: 0.99993195

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:
 TO REACH FROM THE INTERSECTION OF HWY 38 AND 99 JCT. IN DRAIN OREGON, HEAD WEST ON 38 4.4 MILES TO THE STATION ON THE RIGHT. STATION IS LOCATED 9.5 FEET FROM WEST EDGE OF GUARD RAIL AND 1.00 FOOT FROM NORTH EDGE OF ASPHALT.

Monument Type: 3 1/4 inch Aluminum BPA cap on Aluminum rod
 Stamping: SUNNY 1999

Description of the Monument:
 STATION IS A STANDARD BPA ALUMINUM CAP MOUNTED ON A ROD DRIVEN TO REFUSAL AND SET IN CONCRETE, 3" ABOVE THE GROUND AND FLUSH WITH TOP OF PAVEMENT. FOG LINE HIGHWAY 38 BEARS SOUTH 11 FEET, NORTH EDGE OF PAVEMENT BEARS SOUTH 1 FOOT, WEST END OF GUARDRAIL AND WITNESS POST BEAR 9 FEET EAST, JACK CREEK BEARS 80 FEET EAST.



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.