

FILED

Date: 6-10-96 By: JC

This survey consists of:

Map: CS 65/7-1 A & B

Narrative: \_\_\_\_\_

Corner Rpt: \_\_\_\_\_

X DOUGLAS COUNTY SURVEYOR JC

OREGON DEPARTMENT OF TRANSPORTATION  
PHOTOGRAMMETRY UNIT

Room 26, Transportation Building  
355 Capitol St. NE  
Salem, Oregon 97310-3154  
Phone: 986-3539 Fax: 986-3548

HORIZONTAL CONTROL DATA SHEET

STATION NAME: DALE 1995  
SECTION: 16 TOWNSHIP: 22S RANGE: 6W  
1/4 SECTION: NE COUNTY: DOUGLAS  
DATE SET: 12/20/95 STATE: OR

GPS: YES TYPE: STATIC  
GROUP: C ORDER: 1  
PPM: 10

GEODETIC DATUM: NAD 83/91  
LAT.: N 43° 39' 40.43924"  
LONG.: W 123° 24' 45.69936"

VERTICAL DATUM: NGVD 29/47  
ELLIPSOID ELEV: meters  
ORTHOMETRIC ELEV: 78.983 meters  
SEPARATION: meters

SPCS DATUM: OREGON NORTH  
NORTHING: 225649.921 meters  
EASTING: 1265122.191 meters

CONVERGENCE: - 1° 59' 33.7600"  
SCALE FACTOR: 0.99993154

STATEMENT PER ORS 209.250(6) (g)

This survey was completed in April, 1996 for the Jack Cr. - Hayhurst Rd. project. Project was completed using three ASHTEK Z-XII dual frequency GPS receivers. Oregon HPGN control stations WELK, SOAM, and AIRWAY BEACON 43 RESET were the basis for processing this data. The orthometric elevation was determined by differential leveling from BM D246, Oregon level line 6e. Data for this project is located in Control File 96-003 in the Photogrammetry Unit, Oregon Department of Transportation in Salem, OR.

DIRECTIONS TO THE MONUMENT: From the Jct. of Oregon Hwy. 38 and Douglas County Rd. 389 in Drain; go west on Oregon Hwy. 38 for 5.12 miles to the mark on the north side of Oregon Hwy. 38.

MONUMENT TYPE: Brass Disk set in concrete post.

STAMPING: DALE 1995

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

*Gerald R Cottrell*

OREGON  
JULY 20, 1993  
GERALD R. COTTRELL  
2611

Exp. Date 12-31-97

SURVEYOR'S STAMP

DESCRIPTION OF THE MONUMENT: Mark is an ORDOT standard Geodetic Control Disk set in a 1' x 1' concrete post with 5/8" iron rod embedded; 53 ft. north of centerline of highway; 2 ft. south of right of way fence and orange witness post

For conversion of meters to U.S. Survey Feet multiply the meters by 39.37/12.0 which is 3.28083333333 to 12 significant figures.  
For conversion of meters to International Feet multiply the meters by 100.0/30.48 which is 3.28083989501 to 12 significant figures.  
Elevation Factor (in the North American Continent) = 1 - (Ellipsoid Elevation in meters / 6,372,000).

C.S. File No. 65/7-1 A

FILED

Date: 6/10/96 By: JC

This survey consists of:

Map: CS 65/7-1A-B

Narrative: \_\_\_\_\_

Corner Rpt: \_\_\_\_\_

DOUGLAS COUNTY  
SURVEYOR

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355 Capitol St. NE  
Salem, Oregon 97310-3154  
Phone: 986-3539 Fax: 986-3548

**HORIZONTAL CONTROL DATA SHEET**

STATION NAME: JACK 1995  
SECTION: 15 TOWNSHIP: 22S RANGE: 6W  
1/4 SECTION: NW COUNTY: DOUGLAS  
DATE SET: 12/20/95 STATE: OR

GPS: YES TYPE: STATIC  
GROUP: C ORDER: 1  
PPM: 10

GEODETIC DATUM: NAD 83/91  
LAT.: N 43° 39' 49.98829"  
LONG.: W 123° 24' 06.99980"

VERTICAL DATUM: NGVD 29/47  
ELLIPSOID ELEV: \_\_\_\_\_ meters  
ORTHOMETRIC ELEV: 70.875 meters  
SEPARATION: \_\_\_\_\_ meters

SPCS DATUM: OREGON SOUTH  
NORTHING: 225914.339 meters  
EASTING: 1265998.916 meters

CONVERGENCE: - 1° 59' 07.2900"  
SCALE FACTOR: 0.99993194

**STATEMENT PER ORS 209.250(6) (g)**

This survey was completed in April, 1996 for the Jack Cr. - Hayhurst Rd. project. Project was completed using three ASHTEK Z-XII dual frequency GPS receivers. Oregon HPGN control stations WELK, SOAM, and AIRWAY BEACON 43 RESET were the basis for processing this data. The orthometric elevation was determined by differential leveling from BM D246, Oregon level line 6e. Data for this project is located in Control File 96-003 in the Photogrammetry Unit, Oregon Department of Transportation in Salem, OR.

**DIRECTIONS TO THE MONUMENT:** From the Jct. of Oregon Hwy. 38 and Douglas County Rd. 389 in Drain; go west on Oregon Hwy. 38 for 4.55 miles to the mark on the north side of Oregon Hwy. 38.

**MONUMENT TYPE:** Brass Disk set in concrete post.

**STAMPING:** JACK 1995

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**SURVEYOR'S STAMP**

**DESCRIPTION OF THE MONUMENT:** Mark is an ORDOT standard Geodetic Control Disk set in a 1' x 1' concrete post with 5/8" iron rod embedded; 52 ft. north of centerline of highway; 28 ft. east of driveway centerline; 7 ft. south of right of way fence; and 1.5 ft. south of orange witness post

For conversion of meters to U.S. Survey Feet multiply the meters by 39.37/12.0 which is 3.2808333333 to 12 significant figures.  
For conversion of meters to International Feet multiply the meters by 100.0/30.48 which is 3.28083989501 to 12 significant figures.  
Elevation Factor (in the North American Continent) = 1 - (Ellipsoid Elevation in meters / 6,372,000).

CS. FILE NO. 65/71-B