

HORIZONTAL CONTROL DATA

State Plane in International Feet, Elevations in U.S. Survey Feet

Retrieval Date and Time: 01/14/1997 10:57:55

Station Number: WCAM
Station Name: WCAM
Section: 31 Township: 25 S Range: 8 W
1/4 Section: NW County: DOUGLAS
Date Set: 01/01/1989 State: OR
Firm: David Evans and Associates, Inc.

GEODETIC DATUM: NAD 83/91
LAT.: 43° 00' 36.90832" N
LONG: 123° 41' 58.63498" W
SPCS DATUM: ORS3602
Northing: 506005.407+/-0.000
Easting: 4065725.568+/-0.000

Addr: 2828 S.W. Corbett
Portland, Oregon 97201-4830

VERTICAL DATUM: NGVD 29/47
GEOID MODEL: GEOID93W
Orthometric Elev.: 1068.305
+/-0.000
Ellipsoidal Elev.: 993.085
Separation: -76.508
Convergence: -2°11'20.44372"
Scale Factor: 0.99989841

GPS: YES Type:
Group: B Order: B
PPM: 1

Statement per ORS 209.250(6)(g)
THE WORK WAS DONE FOR DOUGLAS COUNTY PUBLIC WORKS DEPARTMENT. OBSERVATIONS WERE DONE 4/3/96 WITH TRIMBLE 4000 SSI DUAL FREQUENCY GPS RECEIVERS ON KERN SELF-CENTERING TRIPODS. HARN STATIONS ROSEBURG CBL 1440 AND WCAM WERE USED AS CONSTRAINTS HOR. AND VERT. AS PUBLISHED BY THE NATIONAL GEODETIC SURVEY (NGS). TRAV PT 1 AND TRAV PT 2 WERE LEVELED TO FROM BM "WKP 12 1945 744" ELEV. 744.613.

Directions to the Monument:

FILED

Date: 2-5-97 By: JC
This survey consists of:
Map: CS 65/11-2 A-G
Narrative: _____
Corner Rpt: _____

Monument Type:
Stamping:
Description of the Monument:
STATION IS DESCRIBED BY NGS, PID: PC1117.

DOUGLAS COUNTY
SURVEYOR

REGISTERED
PROFESSIONAL
LAND SURVEYOR

[Signature] 1/14/97
OREGON
JULY 18, 1980
DANIEL A. HOEKSTRA
1899

EXPIRES 6/30/1997

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

G.S. File No. CS 65/11-2A
(1 of 7)

HORIZONTAL CONTROL DATA

State Plane in International Feet, Elevations in U.S. Survey Feet

Retrieval Date and Time: 01/14/1997 10:57:50

Station Number: 1440
Station Name: ROSEBURG CBL 1440
Section: 1 Township: 27 S Range: 6 W
1/4 Section: SE County: DOUGLAS
Date Set: 01/01/1989 State: OR
Firm: David Evans and Associates, Inc.

GEODETIC DATUM: NAD 83/91
LAT.: 43° 14' 44.10722" N
LONG: 123° 21' 18.97548" W
SPCS DATUM: ORS3602
Northing: 588393.587+/-0.000
Easting: 4160685.653+/-0.000

Addr: 2828 S.W. Corbett
Portland, Oregon 97201-4830

VERTICAL DATUM: NGVD 29/47
GEOID MODEL: GEOID93W
Orthometric Elev.: 535.334
+/-0.036
Ellipsoidal Elev.: 462.246
Separation: -74.764
Convergence: -1°57'12.33394"
Scale Factor: 0.99989551

GPS: YES Type:
Group: B Order: B
PPM: 1

Statement per ORS 209.250(6)(g)
THE WORK WAS DONE FOR DOUGLAS COUNTY PUBLIC WORKS DEPARTMENT. OBSERVATIONS WERE DONE 4/3/96 WITH TRIMBLE 4000 SSI DUAL FREQUENCY GPS RECEIVERS ON KERN SELF-CENTERING TRIPODS. HARN STATIONS ROSEBURG CBL 1440 AND WCAM WERE USED AS CONSTRAINTS HOR. AND VERT. AS PUBLISHED BY THE NATIONAL GEODETIC SURVEY (NGS). TRAV PT 1 AND TRAV PT 2 WERE LEVELED TO FROM BM "WKP 12 1945 744" ELEV. 744.613.

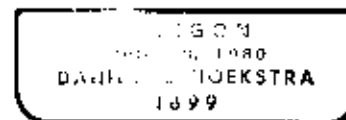
Directions to the Monument:

FILED

Date: 2-5-97 By: JC
This survey consists of:
Map: CS 65/11-2B-6
Narrative: _____
Corner Rpt: _____

Monument Type:
Stamping:
Description of the Monument:
STATION IS A BRASS CAP AS DESCRIBED BY NGS, PID:
PC1116.

DOUGLAS COUNTY
SURVEYOR



EXPIRES 6-30-1997

SURVEYOR'S STAMP

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State Plane in International Feet, Elevations in U.S. Survey Feet

Retrieval Date and Time: 01/14/1997 10:57:52

Station Number: D1
Station Name: TRAV PT 1
Section: 16 Township: 29S Range: 7W
1/4 Section: SW County: DOUGLAS
Date Set: 03/27/1996 State: OR
Firm: David Evans and Associates, Inc.

GEODETIC DATUM: NAD 83/91
LAT.: 43° 02' 43.34568" N
LONG: 123° 32' 32.58869" W

SPCS DATUM: ORS3602
Northing: 517229.902+/-0.007
Easting: 4108213.962+/-0.007

Addr: 2828 S.W. Corbett

Portland, Oregon 97201-4830

VERTICAL DATUM: NGVD 29/47
GEOID MODEL: GEOID93W
Orthometric Elev.: 753.156
+/-0.023
Ellipsoidal Elev.: 678.827
Separation: -76.114
Convergence: -2°4'53.184645"
Scale Factor: 0.99989691

GPS: YES Type:
Group: C Order: 1
PPM: 10

Statement per ORS 209.250(6)(g)

THE WORK WAS DONE FOR DOUGLAS COUNTY PUBLIC WORKS DEPARTMENT. OBSERVATIONS WERE DONE 4/3/96 WITH TRIMBLE 4000 SSI DUAL FREQUENCY GPS RECEIVERS ON KERN SELF-CENTERING TRIPODS. HARN STATIONS ROSEBURG CBL 1440 AND WCAM WERE USED AS CONSTRAINTS HOR. AND VERT. AS PUBLISHED BY THE NATIONAL GEODETIC SURVEY (NGS). TRAV PT 1 AND TRAV PT 2 WERE LEVELED TO FROM BM "WKP 12 1945 744" ELEV. 744.613.

Directions to the Monument:

FROM TENMILE ON HIGHWAY 42 ABOUT 15 MILES SOUTHWEST OF ROSEBURG, GO SOUTH ON BENEDICT ROAD 1.5 MILE TO IRELAND ROAD, TURN LEFT AND GO EAST 0.5 MILE TO OLALLA, TURN RIGHT AND GO SOUTH ON UPPER OLALLA ROAD 1.6 MILE TO THE STATION ON THE LEFT.

Monument Type: 3"DIAMETER BRASS CAP ON A 2"GALVANIZED IRON PIPE

Stamping: NONE

Description of the Monument:

THE STATION IS A BRASS CAP WITH "DAVID EVANS AND ASSOCIATES GPS STA 19 " CASTING, IT IS RIVETED TO A 2" DIAMETER GALVANIZED IRON PIPE AND IS SURROUNDED BY CONCRETE.

A NORTH SOUTH FENCE BEARS EAST 1.5 FOOT, EDGE OF PAVEMENT BEARS WEST 18 FEET AND A POWERPOLE "1B/26" BEARS SOUTH 32.4 FEET.



[Signature] 1/14/97



EXPIRES 6-30-1997

SURVEYOR'S STAMP

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Divide 20,906,000 by 20,906,000 + Ellipsoid Elevation in feet

HORIZONTAL CONTROL DATA

State Plane in International Feet, Elevations in U.S. Survey Feet

Retrieval Date and Time: 01/14/1997 10:57:53

Station Number: D2
Station Name: TRAV PT 2
Section: 16 Township: 29S Range: 7W
1/4 Section: SW County: DOUGLAS
Date Set: 03/27/1996 State: OR
Firm: David Evans and Associates, Inc.

GEODETIC DATUM: NAD 83/91
LAT.: 43° 02' 51.76382" N
LONG: 123° 32' 35.73099" W

SPCS DATUM: ORS3602
Northing: 518090.018+/-0.007
Easting: 4108011.762+/-0.007

Addr: 2828 S.W. Corbett
Portland, Oregon 97201-4830

VERTICAL DATUM: NGVD 29/47
GEOID MODEL: GEOID93W
Orthometric Elev.: 755.337
+/-0.030
Ellipsoidal Elev.: 680.934
Separation: -76.112
Convergence: -2°4'55.334443"
Scale Factor: 0.99989682

GPS: YES Type:
Group: C Order: 1
PPM: 10

Statement per ORS 209.250(6)(g)

THE WORK WAS DONE FOR DOUGLAS COUNTY PUBLIC WORKS DEPARTMENT. OBSERVATIONS WERE DONE 4/3/96 WITH TRIMBLE 4000 SSI DUAL FREQUENCY GPS RECEIVERS ON KERN SELF-CENTERING TRIPODS. HARN STATIONS ROSEBURG CBL 1440 AND WCAM WERE USED AS CONSTRAINTS HOR. AND VERT. AS PUBLISHED BY THE NATIONAL GEODETIC SURVEY (NGS). TRAV PT 1 AND TRAV PT 2 WERE LEVELED TO FROM BM "WKP 12 1945 744" ELEV. 744.613.

Directions to the Monument:

FROM TENMILE ON HIGHWAY 42, 15 MILES SOUTHWEST OF ROSEBURG, GO SOUTH ON BENEDICT ROAD 1.5 MILE TO IRELAND ROAD, TURN LEFT AND GO EAST 0.5 MILE TO OLALLA, TURN RIGHT AND GO SOUTH ON UPPER OLALLA ROAD 1.55 MILE TO THE STATION ON THE RIGHT.

Monument Type: 3" DIAMETER BRASS CAP ON 2" DIAMETER GALVANIZED IP
Stamping: NONE

Description of the Monument:

STATION IS A BRASS CAP WITH "DAVID EVANS AND ASSOCIATES GPS STA 19 " CASTING, RIVETED TO A 2" DIAM. GALVANIZED IRON PIPE AND IS SURROUNDED BY CONCRETE.
EDGE OF PAVEMENT BEARS EAST 15.5 FEET. ADDRESS SIGN 6649 BEARS NORTHEAST 10.5 FEET AND A GRAVEL DRIVEWAY BEARS NORTH 25 FEET.

REGISTERED
PROFESSIONAL
LAND SURVEYOR

[Signature] 1/14/97

OREGON
July 18, 1980
DANIEL A. HOEKSTRA
1899

EXPIRES 6-30-1997

SURVEYOR'S STAMP

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Retrieval Date and Time: 01/14/1997 10:57:53

Station Number: D20
Station Name: TRAV PT 20
Section: 20 Township: 29S Range: 7W
1/4 Section: SW County: DOUGLAS
Date Set: State: OR
Firm: David Evans and Associates, Inc.

GEODETIC DATUM: NAD 83/91
LAT.: 43° 02' 09.90824" N
LONG: 123° 32' 54.01361" W

SPCS DATUM: ORS3602
Northing: 513904.971+/-0.007
Easting: 4106501.039+/-0.003

Addr: 2828 S.W. Corbett
Portland, Oregon 97201-4830

VERTICAL DATUM: NGVD 29/47
GEOID MODEL: GEOID93W
Orthometric Elev.: 780.259
+/-0.013
Ellipsoidal Elev.: 705.793
Separation: -76.144
Convergence: -2°5'7.842454"
Scale Factor: 0.99989727

GPS: YES Type:
Group: C Order: 1
PPM: 10

Statement per ORS 209.250(6)(g)

THE WORK WAS DONE FOR DOUGLAS COUNTY PUBLIC WORKS DEPARTMENT. OBSERVATIONS WERE DONE 4/3/96 WITH TRIMBLE 4000 SSI DUAL FREQUENCY GPS RECEIVERS ON KERN SELF-CENTERING TRIPODS. HARN STATIONS ROSEBURG CBL 1440 AND WCAM WERE USED AS CONSTRAINTS HOR. AND VERT. AS PUBLISHED BY THE NATIONAL GEODETIC SURVEY (NGS). TRAV PT 1 AND TRAV PT 2 WERE LEVELED TO FROM BM "WKP 12 1945 744" ELEV. 744.613.

Directions to the Monument:

FROM TENMILE ON HIGHWAY 42, 15 MILES SOUTHWEST OF ROSEBURG, GO SOUTH ON BENEDICT ROAD 1.5 MILE TO IRELAND ROAD, TURN LEFT AND GO EAST 0.5 MILE TO OLALLA, TURN RIGHT AND GO SOUTH ON UPPER OLALLA ROAD 1.7 MILE TO RIDING BRIDGE ACROSS OLALLA CREEK, CONTINUE SOUTH 0.8 MILE TO THE STATION ON THE RIGHT IN THE NW CORNER OF THE INTERSECTION WITH GRAVEL RD 29-7-20.

Monument Type: 1.5" DIAMETER ALUMINUM CAP

Stamping: R-W AND A CENTER PUNCHMARK

Description of the Monument:

A 1.5" DIAMETER ALUMINUM CAP WITH DOUGLAS CO. RD. DEPT. CASTING ON A 5/8" DIAM. IRON ROD SET ON THE NORTHWEST RIGHT OF WAY OF OLALLA CREEK ROAD. A FENCE CORNER BEARS NORTHWEST 1.5 FEET, CENTERLINE OF OLALLA CREEK ROAD BEARS SOUTHEAST 35 FEET, CENTERLINE OF ROAD 29-7-20 BEARS SOUTHWEST 25 FEET. MAILBOX 7777 BEARS SOUTHWEST ACROSS ROAD 29-7-20.



EXPIRES 6-30-1997

SURVEYOR'S STAMP

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State Plane in International Feet, Elevations in U.S. Survey Feet

Retrieval Date and Time: 01/14/1997 10:57:54

Station Number: D21
Station Name: TRAV PT 21
Section: 20 Township: 29S Range: 7W
1/4 Section: SE County: DOUGLAS
Date Set: State: OR
Firm: David Evans and Associates, Inc.

GEODETIC DATUM: NAD 83/91
LAT.: 43° 02' 12.73518" N
LONG: 123° 32' 58.20822" W
SPCS DATUM: ORS3602
Northing: 514202.301+/-0.003
Easting: 4106200.169+/-0.003

Addr: 2828 S.W. Corbett
Portland, Oregon 97201-4830

VERTICAL DATUM: NGVD 29/47
GEOID MODEL: GEOID93W
Orthometric Elev.: 793.900
+/-0.007
Ellipsoidal Elev.: 719.431
Separation: -76.146
Convergence: -2°5'10.712184"
Scale Factor: 0.99989724

GPS: YES Type:
Group: C Order: 1
PPM: 10

Statement per ORS 209.250(6)(g)

THE WORK WAS DONE FOR DOUGLAS COUNTY PUBLIC WORKS DEPARTMENT. OBSERVATIONS WERE DONE 4/3/96 WITH TRIMBLE 4000 SSI DUAL FREQUENCY GPS RECEIVERS ON KERN SELF-CENTERING TRIPODS. HARN STATIONS ROSEBURG CBL 1440 AND WCAM WERE USED AS CONSTRAINTS HOR. AND VERT. AS PUBLISHED BY THE NATIONAL GEODETIC SURVEY (NGS). TRAV PT 1 AND TRAV PT 2 WERE LEVELED TO FROM BM "WKP 12 1945 744" ELEV. 744.613.

Directions to the Monument:

FROM TENMILE ON HIGHWAY 42, 15 MILES SOUTHWEST OF ROSEBURG, GO SOUTH ON BENEDICT ROAD 1.5 MILE TO IRELAND ROAD, TURN LEFT AND GO EAST 0.5 MILE TO OLALLA, TURN RIGHT AND GO SOUTH ON UPPER OLALLA ROAD 1.7 MILE TO RIDING BRIDGE ACROSS OLALLA CREEK, CONTINUE SOUTH 0.8 MILE TO ROAD 29-7-20, TURN RIGHT AND GO NORTHWEST .1 MILE TO THE STATION ON THE RIGHT.

Monument Type: 1.5" DIAMETER ALUMINUM CAP ON 5/8" DIAMETER I.R.

Stamping: RW 30 AND CENTER PUNCHMARK

Description of the Monument:

STATION IS A 1.5" DIAMETER ALUMINUM CAP WITH DOUGLAS CO. RD. DEPT. CASTING. CENTER OF ROAD 29-7-20 BEARS SOUTHWEST 30 FEET, END OF FENCE LINE BEARS SOUTHEAST 68 FEET

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1/14/97
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HORIZONTAL CONTROL DATA

State Plane in International Feet, Elevations in U.S. Survey Feet

Retrieval Date and Time: 01/14/1997 10:57:54

Station Number: D3
Station Name: TRAV PT 3
Section: 16 Township: 29S Range: 7W
1/4 Section: SW County: DOUGLAS
Date Set: 03/27/1996 State: OR
Firm: David Evans and Associates, Inc.

GEODETIC DATUM: NAD 83/91
LAT.: 43° 02' 59.10869" N
LONG: 123° 32' 33.98471" W

SPCS DATUM: ORS3602
Northing: 518828.368+/-0.007
Easting: 4108168.342+/-0.003

Addr: 2828 S.W. Corbett

Portland, Oregon 97201-4830

VERTICAL DATUM: NGVD 29/47
GEOID MODEL: GEOID93W
Orthometric Elev.: 751.834
+/-0.033
Ellipsoidal Elev.: 677.404
Separation: -76.106
Convergence: -2°4'54.139730"
Scale Factor: 0.99989675

GPS: YES Type:
Group: C Order: 1
PPM: 10

Statement per ORS 209.250(6)(g)

THE WORK WAS DONE FOR DOUGLAS COUNTY PUBLIC WORKS DEPARTMENT. OBSERVATIONS WERE DONE 4/3/96 WITH TRIMBLE 4000 SSI DUAL FREQUENCY GPS RECEIVERS ON KERN SELF-CENTERING TRIPODS. HARN STATIONS ROSEBURG CBL 1440 AND WCAM WERE USED AS CONSTRAINTS HOR. AND VERT. AS PUBLISHED BY THE NATIONAL GEODETIC SURVEY (NGS). TRAV PT 1 AND TRAV PT 2 WERE LEVELED TO FROM BM "WKP 12 1945 744" ELEV. 744.613.

Directions to the Monument:

FROM TENMILE ON HIGHWAY 42, 15 MILES SOUTHWEST OF ROSEBURG, GO SOUTH ON BENEDICT ROAD 1.5 MILE TO IRELAND ROAD, TURN LEFT AND GO EAST 0.5 MILE TO OLALLA, TURN RIGHT AND GO SOUTH ON UPPER OLALLA ROAD 1.5 MILE TO THE STATION ON THE LEFT OPPOSITE HOUSE # 6531.

Monument Type: 1/2" IRON ROD WITH DEA PLASTIC CONTROL CAP

Stamping: NONE

Description of the Monument:

STATION IS A 1/2" DIAMETER IRON ROD WITH DEA PLASTIC CONTROL CAP LOCATED ON THE EAST SIDE OF OLALLA ROAD IN A FIELD ACCESS DRIVEWAY, OPPOSITE HOUSE NUMBER 6531. EDGE OF PAVEMENT BEARS WEST 4.6 FEET, OLD WOOD GATE IN FENCE LINE BEARS EAST 15 FEET, SOUTH END OF A CONCRETE CULVERT BEARS SOUTH 5 FEET, TELEPHONE POLE BEARS SOUTHEASTERLY 39.4 FEET

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[Signature] 1/14/97

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