

SE 1/4 SEC. 6 AND NE 1/4 SEC. 7, T. 30 S., R. 5 W., W.M.

FILED
Date: 10/31/2000 By: JP
This survey consists of:
Map: M132-54
Narrative:
Corner Rpt:
DOUGLAS COUNTY SURVEYOR

ISAAC BAILEY
D. L. C. NO. 40

SET RIGHT OF WAY MONUMENT LIST*

POINT	STATION	OFFSET	LDP NORTHING	LDP EASTING
2002	5+510.901	38.100 Rt.	150460.823	1269320.542
2003	5+552.529	38.100 Rt.	150422.584	1269301.913
2004	5+461.567	68.534 Lt.	150455.038	1269437.703
2005	"C" 0+180.000	15.240 Rt.	150431.130	1269190.086
2006	"C" 0+180.000	15.240 Lt.	150461.582	1269191.389
2007	"C" 0+240.000	20.000 Lt.	150463.774	1269251.537
2008	"C" 0+240.000	19.000 Rt.	150424.809	1269249.871
2009	"C" 0+468.250	18.000 Lt.	150452.023	1269479.494
2010	"C" 0+500.000	18.000 Lt.	150449.411	1269512.442
2011	"C" 0+520.000	15.240 Lt.	150443.815	1269532.622

* SET A 16 MM X 762 MM IRON REBAR WITH A 32 MM RED PLASTIC CAP STAMPED "ODOT RW".

CONTROL NETWORK AND FOUND MONUMENTS

POINT	DESCRIPTION	LDP NORTHING	LDP EASTING
37	FOUND 13 MM SQ. IRON ROD WITH A 38 MM ALUM. CAP STAMPED "ODOT HORIZ. CONTROL 37" IN GOOD CONDITION.	150602.368	1269447.130
38	FOUND 13 MM SQ. IRON ROD WITH A 38 MM ALUM. CAP STAMPED "ODOT HORIZ. CONTROL 38" IN GOOD CONDITION.	150425.612	1269479.290
40	FOUND 13 MM SQ. IRON ROD WITH A 38 MM ALUM. CAP STAMPED "ODOT HORIZ. CONTROL 40" IN GOOD CONDITION.	150299.765	1269297.568
200	SET 16 MM X 762 MM IRON REBAR WITH A 38 MM ALUM. CAP STAMPED "ODOT HORIZ. CONTROL 200".	150437.653	1269282.548
201	SET 16 MM X 762 MM IRON REBAR WITH A 38 MM ALUM. CAP STAMPED "ODOT HORIZ. CONTROL 201".	150447.465	1269284.704
202	SET 16 MM X 762 MM IRON REBAR WITH A 38 MM ALUM. CAP STAMPED "ODOT HORIZ. CONTROL 202".	150440.087	1269462.218

SURVEY NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO MONUMENT THE NEW RIGHT OF WAY PURCHASED FOR AN OREGON DEPARTMENT OF TRANSPORTATION (ODOT) PROJECT CALLED "MYRTLE CREEK - CANYONVILLE SECTION". THE SURVEY IS LOCATED AT THE INTERSECTION OF CHADWICK LANE (DOUGLAS COUNTY ROAD NO. 20-B) WITH THE PACIFIC HIGHWAY (INTERSTATE 5) SOUTH OF MYRTLE CREEK. THIS SURVEY IS BASED ON AN ODOT DRAWING NO. 10B-12-14 (R/W PROJECT FILE NO. 6753). THE BASIS OF BEARING AND COORDINATES WAS TAKEN FROM A PREVIOUSLY SET NETWORK RECORDED AT THE DOUGLAS COUNTY SURVEYOR'S OFFICE AS MAP #M129-39, A-K. ADDITIONAL NETWORK POINTS WERE SET (HOLDING POINTS 37, 38, AND 40) IN ORDER TO MONUMENT THE NEW RIGHT OF WAY; THESE POINTS WERE RAN THROUGH A LEAST SQUARES ADJUSTMENT. THIS ADJUSTMENT PRODUCED ANGULAR RESIDUALS (THE AMOUNT THE FIELD OBSERVED ANGLES WERE CHANGED DUE TO THE ADJUSTMENTS) 100% OF WHICH WERE WITHIN 3 SECONDS, AND DISTANCE RESIDUALS (THE AMOUNTS THE FIELD OBSERVED DISTANCES WERE CHANGED DUE TO THE ADJUSTMENT) 100% OF WHICH WERE WITHIN 3 MM. THERE IS A 95% PROBABILITY THAT THE FINAL POSITIONS OF THE CONTROL POINTS ARE WITHIN THE ERROR ELLIPSES AS SHOWN IN THE "CONFIDENCE LEVEL LIMITS" TABLE.

AN ODOT SURVEY CREW PERFORMED THE WORK USING A LEICA TCA1800 TOTAL STATION (SERIAL #418939) WITH AN INTEGRATED EDM. THE RADIAL STAKEOUT METHOD WAS USED TO SET THE NEW MONUMENTS. THE TCA1800 HAS A STANDARD ANGULAR ERROR OF +/- 1 SECOND, AND A STANDARD DISTANCE ERROR OF +/- 2 MM, +/- 2 PPM. THE WORK WAS COMPLETED MAY 24, 2000, AND THE ORIGINAL NOTES ARE ARCHIVED IN SALEM AS BOOK #3718.

REFER TO MAP #129-39, A-K, AND ODOT DRG. NO. 10B-12-14 FOR ADDITIONAL INFORMATION REGARDING CENTERLINE RESOLUTIONS AND OTHER PREVIOUSLY FOUND MONUMENTS.

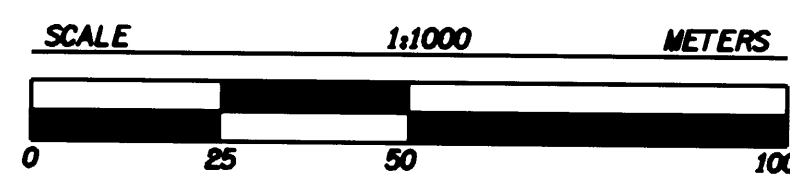
CONFIDENCE LEVEL LIMITS

POINT	SEMI MAJOR	SEMI MINOR	ORIENTATION
200	0.002 M	0.002 M	S 64°48'25" E
201	0.002 M	0.001 M	S 53°53'57" E
202	0.002 M	0.001 M	S 50°30'53" E

NE CORNER REMICK
COWLES D.L.C. NO. 41

N. 149 789.951
E. 1 268 999.279
(REFER TO DCSD MAP #129-39, A-K, POINT #1055)

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Christine V. Bawie
JULY 7, 1994
CHRISTINE V. BAWIE
2000
EXPIRES DEC. 31, 2001



LEGEND

- SET RIGHT OF WAY MONUMENTS
- △ FOUND NETWORK MONUMENTS
- ▲ SET NETWORK MONUMENTS
- EXTG. RIGHT OF WAY LINE
- NEW RIGHT OF WAY LINE
- EXTG. ACCESS CONTROL
- D.L.C. LINE
- SECTION LINE

METRIC SURVEY
TO CONVERT METERS TO FEET DIVIDE BY 0.3048

OREGON DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY
MONUMENTATION MAP

MYRTLE CREEK - CANYONVILLE SEC. (1-5)
CHADWICK LANE
DOUGLAS COUNTY
ODOT
3500 Stewart Parkway, Suite 140
Roseburg, Oregon 97470