

FILED

Date: 7-29-2005 By: JC
 Title: Surveyor of:
 Map: St Hwy 38-012 A-G
 No.:
 Corner: Sp:

DOUGLAS COUNTY
 SURVEYOR

CONFIDENCE LEVEL LIMITS

POINT ID	SEMI MAJOR	SEMI MINOR	ORIENTATION*
1	0.034	0.006	22.7
2	0.030	0.006	22.2
3	0.015	0.006	28.5
4	0.008	0.005	19.1
5	0.011	0.006	6.5
7	0.014	0.007	3.2
8	0.015	0.007	5.2
9	0.015	0.007	7.5
10	0.014	0.007	10.5
11	0.010	0.006	22.1
12	0.009	0.006	25.4
13	0.007	0.006	60.1
14	0.012	0.007	52.0
15	0.020	0.008	49.2
TRUAX1	0.000	0.000	-0.5
TRUAX2	0.000	0.000	-0.5

NETWORK OBSERVATIONS

OCCUPIED	SIGHTED
1	TRUAX2, 2, 3, 4
2	TRUAX2, 1, 3, 4
3	TRUAX2, 1, 2, 4
4	TRUAX2, 1, 3, 5, 6
5	TRUAX2, 4, 6, 7, 8
6	4, 5, 7, 8
7	5, 6, 8, 9
8	6, 7, 9, 10, 11
9	7, 8, 10, 11
10	8, 9, 11, 12
11	TRUAX1, 9, 10, 12, 13
12	TRUAX1, 10, 11
13	TRUAX1, 11, 14, 15
14	TRUAX1, 13, 15
15	13, 14
TRUAX1	11, 12, 13, 14
TRUAX2	1, 2, 3, 4, 5

* NORTH AZIMUTH

FIXED POINTS NOT SUBJECT TO LEAST SQUARES ADJUSTMENT
 OR CONFIDENCE LEVEL ANALYSIS: TRUAX1 & TRUAX2


SET CONTROL MONUMENT LIST

NOTE: OFFSETS WITH A - (MINUS) ARE LEFT, WITHOUT ARE RIGHT

PT. NO.	LDP NORTHING	LDP EASTING	ELEV.	STATION	OFFSET	DATE	TYPE	DESCRIPTION
1	741755.689	4144178.746				9/30/2004	NETWORK	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 1" FLUSH W/ SURFACE
2	741667.608	4144366.588				9/30/2004	NETWORK	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 2" FLUSH W/ SURFACE
3	741510.416	4144911.099		1463+29.93	-35.77	9/30/2004	NETWORK	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 3" 0.4' BELOW SURFACE
4	741170.941	4145661.974	263.32	1471+50.71	19.36	9/30/2004	NETWORK	SET 1/8" BRASS PLUG IN CONC. STAMPED "ODOT CONTROL 4" FLUSH W/ SURFACE
5	741197.733	4146057.974	277.66	1475+39.58	29.72	9/30/2004	NETWORK	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 5" FLUSH W/ SURFACE
6	741302.248	4146286.195		1477+80.65	41.97	10/4/2004	NETWORK	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 6" FLUSH W/ SURFACE
7	741522.390	4146496.070	268.20	1481+89.97	25.09	10/4/2004	NETWORK	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 7" 0.1' BELOW SURFACE
8	741641.889	4146844.381	261.64	1485+83.89	32.03	10/4/2004	NETWORK	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 8" 0.1' BELOW SURFACE
9	741657.192	4146969.577	261.34	1487+09.60	21.89	10/4/2004	NETWORK	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 9" 0.1' BELOW SURFACE
10	741669.113	4147134.224	259.00	1488+74.60	16.74	10/4/2004	NETWORK	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 10" FLUSH W/ SURFACE
11	741655.268	4147697.253	250.06	1494+36.31	-28.23	10/4/2004	NETWORK	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 11" FLUSH W/ SURFACE
12	741561.151	4147932.685	249.21	1496+85.23	-28.75	10/4/2004	NETWORK	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 12" FLUSH W/ SURFACE
13	741092.820	4148404.048	234.59	1503+49.74	34.35	10/4/2004	NETWORK	SET 5/8" x 30" IRON REBAR IN CONC. W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 13" FLUSH W/ SURFACE
14	740836.195	4148649.883		1507+05.06	28.02	10/5/2005	NETWORK	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 14" FLUSH W/ SURFACE
15	740627.521	4148845.340		1509+90.97	26.14	10/5/2005	NETWORK	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 15" FLUSH W/ SURFACE
500	741340.421	4148238.337	239.09	1500+57.02	-18.71	10/5/2005	STRATEGIC	SET 5/8" x 30" IRON REBAR W/ 1/2" BRASS CAP STAMPED "ODOT CONTROL 500" FLUSH W/ SURFACE
TRUAX1	741267.469	4148335.342	246.48	1501+75.31	-33.89	9/30/2004	GEODETIC	SET 3" BRASS DISK IN 4' DEEP X 12" DIA. CONC. STAMPED "OREGON DOT DO NOT DISTURB GEODETIC CONTROL PT. 2004 TRUAX1" FLUSH W/ SURFACE
TRUAX2	741241.689	4145386.717	250.32	1468+71.84	33.29	9/30/2004	GEODETIC	SET 3" BRASS DISK IN 4' DEEP X 12" DIA. CONC. STAMPED "OREGON DOT DO NOT DISTURB GEODETIC CONTROL PT. 2004 TRUAX2"

BENCH MARK HELD FOR ELEVATION

PT. NO.	ELEV.	DATE	DESCRIPTION
D246	309.718 (NAVD 88)	8/3/2004	FOUND 3" BRASS DISK IN TOP OF CONC. POST STAMPED "U.S. COAST & GEODETIC SURVEY AND STATE SURVEY STATION NO. D246 ELEVATION 306 FEET 1934"

 OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 OR38: TRUAX SLIDE REPAIR
 UMPQUA HIGHWAY (HIGHWAY 38)
 DOUGLAS COUNTY

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
Marshall R. Wagstaff
 OREGON
 JANUARY 9, 2001
 MARSHALL R. WAGSTAFF
 49476LS
 EXPIRES 06/30/06

FOR ODOT REGION 3
 3500 STEWART PARKWAY
 ROSEBURG, OR 97470

JULY 22, 2005
 SHEET 2 OF 7

ST. HWY 38-012 B