

CONFIDENCE LEVEL LIMITS

POINT ID	SEMI MAJOR	SEMI MINOR	ORIENTATION*
1	0.029	0.012	-75.0
2	0.014	0.009	-86.3
3	0.017	0.010	-87.8
4	0.023	0.010	-89.7
5	0.033	0.011	89.3
6	0.032	0.012	-80.8
7	0.034	0.019	-83.2
8	0.033	0.016	-81.2
9	0.017	0.013	-64.4
10	0.021	0.009	-78.8
11	0.019	0.010	-74.1
12	0.020	0.010	-69.2

POINT ID	SEMI MAJOR	SEMI MINOR	ORIENTATION*
13	0.028	0.013	-77.2
14	0.024	0.012	-76.7
15	0.030	0.013	-88.0
16	0.033	0.016	-87.7
17	0.031	0.016	-89.1
18	0.069	0.030	-31.1
100	0.023	0.012	-80.1
101	0.027	0.013	-85.4
103	0.033	0.014	-84.9
104	0.033	0.010	-86.8
X054	0.023	0.011	-82.7

* NORTH AZIMUTH
 FIXED POINTS NOT SUBJECT TO
 LEAST SQUARES ADJUSTMENT OR
 CONFIDENCE LEVEL ANALYSIS:
 AKIN2, 11851-1, 11851-2,
 AND 11851-3

FILED
 Date: 4-15-2004 By: JC
 This survey consists of:
 Map: ST HWY 15-016 4-X
 Narrative:
 Corner Rpt:
 DOUGLAS COUNTY
 SURVEYOR

AUXILIARY POINT COORDINATE TABLE

PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION
500	598937.647	4161673.932	5-7-03	SET 5/8" X 30" I. REBAR W/1/2" ALUM. CAP STAMPED "ODOT HORIZ. CONTROL 500"
501	600953.557	4161598.511	5-12-03	SET 5/8" X 30" I. REBAR W/1/2" ALUM. CAP STAMPED "ODOT HORIZ. CONTROL 501"
502	602745.520	4161831.388	5-8-03	SET 1 1/8" BRASS PLUG IN ROCK STAMPED "ODOT CONTROL 502"
503	604228.676	4162778.888	5-8-03	SET PK NAIL & SHINER STAMPED "ODOT 503" IN A.C.
504	600864.665	4162071.024	5-7-03	SET PK NAIL & SHINER STAMPED "ODOT 504" IN A.C.
506	602471.535	4161806.322	5-8-03	SET PK NAIL & SHINER STAMPED "ODOT 506"
507	601590.919	4161422.075	5-13-03	SET PK NAIL & SHINER STAMPED "ODOT 507" IN A.C. BOAT RAMP
508	603946.204	4162238.627	6-12-03	SET PK NAIL & SHINER IN A.C. STAMPED "ODOT 508"
509	601173.310	4161659.739	6-12-03	SET WOOD HUB & TACK
510	602736.343	4161695.970	6-12-03	SET 5/8" X 30" I. REBAR W/1/2" ALUM. CAP STAMPED "ODOT CONTROL HORIZ. 510"
511	601291.342	4161631.263	7-14-03	SET WOOD HUB & TACK
512	601569.175	4161801.157	7-14-03	SET WOOD HUB & TACK
513	601762.627	4161630.813	7-17-03	SET WOOD HUB & TACK
514	601882.808	4161724.344	7-17-03	SET PK NAIL & SHINER STAMPED "ODOT 514"
515	601815.754	4161762.475	7-21-03	SET WOOD HUB & TACK
516	603433.703	4161253.526	5-8-03	SET PK NAIL & SHINER STAMPED "ODOT 516"
517	601086.015	4161642.321	7-23-03	SET WOOD HUB & TACK
518	601085.995	4161590.069	7-23-03	SET WOOD HUB & TACK
519	601155.607	4161588.972	7-23-03	SET WOOD HUB & TACK
520	601203.622	4161437.623	7-23-03	SET WOOD HUB & TACK
521	602237.485	4161576.865	7-28-03	SET PK NAIL & SHINER IN ROCK
522	602078.741	4161421.545	7-28-03	SET WOOD HUB & TACK
523	602403.509	4161511.249	7-28-03	SET WOOD HUB & TACK
524	601323.361	4160320.451	7-28-03	SET WOOD HUB & TACK
525	601526.384	4160288.811	7-28-03	SET WOOD HUB & TACK
526	601842.995	4161081.787	7-28-03	SET WOOD HUB & TACK
527	601817.062	4161056.721	7-28-03	SET WOOD HUB & TACK
528	602059.665	4160837.556	7-29-03	SET WOOD HUB & TACK
529	602539.069	4161450.638	8-11-03	SET WOOD HUB & TACK
530	602593.356	4161575.049	8-11-03	SET WOOD HUB & TACK
531	602610.026	4161644.517	8-11-03	SET WOOD HUB & TACK
532	601084.121	4161533.333	8-19-03	SET WOOD HUB & TACK
533	600915.096	4161750.050	8-19-03	SET 5/8" X 30" REBAR W/1/2" ALUM. CAP STAMPED "ODOT HORIZ CONTROL 533"
534	603851.900	4159554.521	10-23-03	SET 5/8" X 30" REBAR W/1/2" ALUM. CAP STAMPED "ODOT HORIZ. CONTROL 534"
535	603634.313	4160240.922	10-23-03	SET PK NAIL & SHINER STAMPED "ODOT 535"
536	601191.149	4161614.508	12-18-03	SET WOOD HUB & TACK
537	601042.979	4161158.141	12-18-03	SET PK NAIL & SHINER IN A.C.
538	600918.906	4162226.922	12-18-03	SET PK NAIL & SHINER STAMPED "ODOT 538"
539	603800.790	4159388.098	1-20-04	SET WOOD HUB & TACK
540	603034.677	4162159.693	1-20-04	SET WOOD HUB & TACK
541	604709.014	4162493.208	1-30-04	SET 5/8" X 30" REBAR W/1/2" ALUM. CAP STAMPED "ODOT HORIZ CONTROL 541"
542	604655.022	4162162.079	1-30-04	SET WOOD HUB & TACK
543	604589.549	4162349.773	1-30-04	SET PK NAIL & SHINER STAMPED "ODOT 543"
544	604252.025	4162150.439	1-30-04	SET WOOD HUB & TACK
545	603908.563	4162318.734	1-30-04	SET WOOD HUB & TACK

CENTERLINE RETRACEMENT NARRATIVES

COLLEGE ROAD: THE DOUGLAS COUNTY ROAD DEPARTMENT ROAD MAP WAS USED TO RETRACE THIS CENTERLINE. FOR THE TANGENT SHOWN THE RECORD OFFSET TO POINT 1052 WAS HELD ON THE EAST END, AND A SPLIT BETWEEN POINTS 1035 AND 1036 WERE HELD ON THE WEST END. POINTS 1051 AND 1066 WERE NOT USED FOR THE PURPOSE OF THIS RETRACEMENT. THE RECORD SEMI-TANGENT DISTANCE WAS HELD FROM THE SPLIT OF 1035 AND 1036 TO THE EAST TO ESTABLISH THE POINT OF INTERSECTION. THE RECORD CURVE DATA AND DELTA WERE HELD. THE RECORD STATION OF 12+24.87 WAS HELD AT THE POINT OF TANGENCY.

DEL RIO ROAD: THE DOUGLAS COUNTY ROAD DEPARTMENT ROAD MAP WAS USED TO RETRACE THIS CENTERLINE. A SPLIT BETWEEN POINTS 1053 AND 1054 WAS HELD AT THE EAST END OF THE TANGENT, AND ON THE WEST END THE RECORD OFFSET TO POINT 1055 WAS HELD TO ESTABLISH THE BEARING. POINT 1055 ACTUALLY FALLS WITHIN THE CURVE. THE RECORD CURVE DELTA AND DATA WERE HELD ON THE CURVE AT THE WEST END OF THE CENTERLINE. FOR STATIONING THE RECORD 19+77.54 P.C. WAS HELD.

PIONEER WAY: THE DOUGLAS COUNTY ROAD DEPARTMENT ROAD MAP WAS USED TO RETRACE THIS CENTERLINE. THE RECORD OFFSETS FROM POINTS 1060 AND 1061 WERE HELD TO ESTABLISH THE TANGENT BEARING. A RECORD STATION OF 1+00.00 WAS HELD AT POINT 1060.

PAGE ROAD: THE DOUGLAS COUNTY ROAD DEPARTMENT ROAD MAP WAS USED TO RETRACE THIS CENTERLINE. THE RECORD OFFSETS FROM POINTS 1058 AND 1059 WERE HELD FOR BOTH THE BEARING AND LOCATION OF THE CENTERLINE. A RECORD STATION 4+00.00 WAS HELD AT POINT 1058.

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

Christine V. Blewins

OREGON
 JULY 19, 1994
 CHRISTINE V. BLEVINS
 2669

EXPIRES: DEC. 31, 2005

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 I-5: EXIT 129 / N. UMPQUA RIVER (WINCHESTER) BRIDGES
 INTERSTATE 5 AND OAKLAND-SHADY HIGHWAY
 DOUGLAS COUNTY
 MARCH 24, 2004 FOR ODOT REGION 3
 3500 NW STEWART PARKWAY ROSEBURG, OR 97470
 SHEET 3 OF 11