

N.W. 1/4 SEC. 19, T. 27 S., R. 5 W., W.M.
 S.W. 1/4 SEC. 18, T. 27 S., R. 5 W., W.M.
 DOUGLAS COUNTY, OREGON

FILED
 Date: 3/22/2004 By: JP
 This survey consists of: 3 Pgs.
 Map: ST. HWY. 138-006C
 Narrative: _____
 Corner Rpt: _____
 DOUGLAS COUNTY
 SURVEYOR

RECOVERED MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1000	576923.289	1243163.450	25+79.42	33.79 LT	12-02-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED I.E. ENG, CS# MI42-49
1001	577023.268	1243158.324	26+79.45	29.79 LT	12-02-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED I.E. ENG, CS# MI42-49
1002	577240.220	1243138.281	28+97.33	30.01 LT	12-02-2003	FND 5/8" IRON ROD, BENT, TIED AT VERTICAL POINT AT THE GROUND, CS# 58-160
1003	577109.304	1243002.259	NA	NA	12-02-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED I.E. ENG, CS# MI42-49
1004	577639.238	1243101.813	32+98.01	30.02 LT	12-02-2003	FND 3/4" IRON ROD CS# 29-73
1005	577375.647	1243186.647	30+27.84	29.94 RT	12-02-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED BTS SURV, CS# MI22-74
1006	577226.267	1243199.834	28+77.83	30.02 RT	12-02-2003	FND 5/8" IRON ROD CS# MI4-40
1007	577069.180	1243230.104	27+18.64	45.87 RT	12-02-2003	FND 4" X 3/2" X CHISELED IN CONCRETE WALK, CS# MI31-48
1008	577033.021	1243218.307	26+83.71	30.83 RT	12-02-2003	FND PK NAIL IN CONCRETE WALK, CS# 131-48
1009	577110.671	1243057.277	NA	NA	12-02-2003	FND 5/8" DIAMETER CARRIAGE BOLT WITH A 1" HEAD, CS# M24-18 CALLS IT A 5/8" ROD
1010	577569.271	1243108.305	32+27.74	29.92 LT	12-02-2003	FND 5/8" IRON ROD, BENT TO THE EAST, TIED AT VERTICAL POINT AT THE GROUND, CS# M67-58 CALLS IT A 1/2" IRON ROD
1011	576902.502	1243537.987	NA	NA	11-26-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED I.E. ENG, CS# MI31-48
1012	576907.819	1243540.745	NA	NA	11-26-2003	FND 5/8" IRON ROD FOUND IN CS# MI31-48
1013	576872.878	1243463.394	NA	NA	11-26-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED I.E. ENG, CS# MI31-48
1014	576927.292	1243494.486	NA	NA	11-26-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED I.E. ENG, CS# MI31-48
1015	576894.736	1243425.174	NA	NA	11-26-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED I.E. ENG, CS# MI31-48
1016	576659.238	1244238.378	17+49.56	35.00 LT	12-13-2003	FND 2 1/2" BRASS DISK SET IN A CONCRETE SIDEWALK, STAMPED LS 2287, CS# MI27-21
1017	576647.816	1244347.803	NA	NA	12-13-2003	FND 1" X 1" BOLT HEAD IN CONCRETE WALK, CS# M25-45
1018	576691.108	1243940.344	14+49.83	35.00 LT	12-03-2003	FND 2 1/2" BRASS DISK SET IN A CONCRETE SIDEWALK, STAMPED LS 2287, CS# MI27-21
1019	576622.301	1243918.017	14+34.94	35.79 RT	12-03-2003	FND 3/4" IRON ROD, CS# 43/189
1020	576610.277	1242804.332	NA	NA	12-02-2003	FND 3/4" DIAMETER IRON PIPE, 10" LONG OVER A 5/8" IRON ROD, TIED WHERE ROD ENTERS THE GROUND, CS# M40-60
1021	576841.601	1243956.530	NA	NA	12-03-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED AA SURVEYING, CS# MI27-21
1022	576952.623	1243968.179	NA	NA	12-03-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED AA SURVEYING, CS# MI27-21
1023	577097.348	1243429.112	NA	NA	12-03-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED I.E. ENG, CS# MI31-48
1024	577098.520	1243432.100	NA	NA	12-02-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED I.E. ENG, CS# MI31-48
1025	577070.142	1243633.851	NA	NA	12-02-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED I.E. ENG, CS# MI31-48
1026	577094.301	1243591.681	NA	NA	11-26-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED I.E. ENG, CS# MI31-48
1027	577094.858	1243590.330	NA	NA	11-26-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED I.E. ENG, CS# MI31-48
1028	575687.970	1242786.497	12+22.90	0.00	11-26-2003	FND 2 3/4" BRASS DISK IN A MONUMENT BOX AT THE INTERSECTION OF JACKSON ST. AND DOUGLAS ST. FOUND CS# M47-51
1029	577112.263	1243511.699	NA	NA	12-02-2003	FND 5/8" IRON ROD WITH A 1/4" PLASTIC CAP STAMPED I.E. ENG, CS# MI31-48
1030	577472.625	1243368.795	NA	NA	12-02-2003	FND 2" DIAMETER HEAD ON AN IRON ROD IN A MONUMENT BOX AT THE CENTER OF NASH ST., CS# MI22-74

NARRATIVE

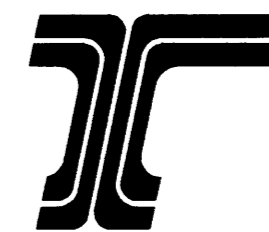
THE PURPOSE OF THIS SURVEY IS TO ESTABLISH THE LOCATION OF THE RIGHT OF WAY FOR A PORTION OF HIGHWAY 138 AND WINCHESTER STREET IN THE CITY OF ROSEBURG, OREGON. IN ADDITION, THIS SURVEY IS TO ESTABLISH A CONTROL NETWORK AND RECOVER THE POSITION OF THE MONUMENTS THAT WERE FOUND AND USED. THIS SURVEY WAS DONE IN PREPARATION OF THE OREGON 138 @ WINCHESTER SIGNALS (ROSEBURG) PROJECT.

THE LOCATION OF WINCHESTER ST. WAS ESTABLISHED USING THE DOUGLAS COUNTY ROAD DEPARTMENT PLANS FOR STATIONING AND RECORD CURVE DATA. A STREET MONUMENT AT THE INTERSECTION OF JACKSON ST. AND DOUGLAS ST. (1028) ANCHORED THE SOUTHERLY END AND A LINE WAS PROJECTED TO MONUMENTS FOUND IN THE NOW VACATED PORTION OF JACKSON ST. (1013, 1014 AND 1027) SHOWN ON RECORDED SURVEY MI31-48. MONUMENTS FOUND ALONG THE NORTHERLY PORTION OF WINCHESTER ST. WERE USED AND A BEST FIT LINE WAS ESTABLISHED. THE MONUMENT AT THE POINT OF INTERSECTION OF THESE TWO LINES WAS NOT RECOVERED, SO AN INTERSECTION OF THE LINES WAS CALCULATED TO ESTABLISH A POINT OF INTERSECTION.

THE LOCATION OF HIGHWAY 138 WAS ESTABLISHED USING THE OREGON DEPARTMENT OF TRANSPORTATION DRAWING NUMBER 10B-1-3 AND DOUGLAS COUNTY ROAD DEPARTMENT PLANS (SC09 1969-007). THE WEST END OF THIS ALIGNMENT WAS FIT TO THE CENTERLINE OF THE BRIDGE ACROSS DEER CREEK AND OTHER HIGHWAY IMPROVEMENTS AS THE BEST AVAILABLE EVIDENCE AS TO ITS LOCATION. THE EAST END WAS FIT TO EXISTING MONUMENTATION ALONG THE NORTHERLY LINE OF HIGHWAY 138 (1018, 1016, 1017, 1021 AND 1022). MONUMENTS 1016 AND 1018 WERE HELD TO ESTABLISH A BEARING OF THIS TANGENT AND FIT WELL WITH MONUMENTS 1021 AND 1022. AN INTERSECTION OF THE TWO TANGENTS WAS COMPUTED AND A POINT OF INTERSECTION WAS ESTABLISHED. THE STATIONING WAS ADJUSTED TO PROVIDE A HARMONIOUS RELATIONSHIP TO EXISTING MONUMENTS AND FEATURES IN THE VICINITY.

THE BASIS OF BEARINGS WAS ESTABLISHED BY HOLDING TWO DOUGLAS COUNTY MONUMENTS, 50-2 AND 57-1. THESE MONUMENTS ARE ON THE OREGON COORDINATE SYSTEM 1927, SOUTH ZONE. THE STATE PLANE COORDINATES WERE CONVERTED TO A LOCAL DATUM PLANE WHICH IS RELATIVE TO THE OREGON COORDINATE SYSTEM WITH RESPECT TO AN AVERAGE LATITUDE AND AVERAGE GROUND ELEVATION, WHICH DEFINE TRUE GROUND DISTANCES. THE CONVERSION FACTOR FOR THIS PROJECT IS 0.99987353. TO CONVERT GRID COORDINATES TO LOCAL DATUM PLANE COORDINATES, DIVIDE THE GRID COORDINATES BY THE CONVERSION FACTOR.

REFERENCE DOCUMENTS USED: ODOT DRAWING 10B-1-3, COUNTY SURVEY RECORDS: M67-58, M29-73, M63-6, M24-18, M57-55, MI42-49, M29-45, M47-74, MI31-48, MI27-21, M50-45, M6-57, MI36-39, M7-45, M23-21, M52-33, M37-47, M14-35, MI22-74, CS58/150, CS43/189 AND VOL. 3 PAGE 210. SUBDIVISIONS: VOL. 1 PAGE 41, VOL. 1 PAGE 39, VOL. 1 PAGE 46, DEEDS: BK. 1502 PG. 689-690, BK. 390 PG. 198-206, BK. 1873 PG. 184, BK. 434 PG. 480-482, BK. 445 PG. 400-401, BK. 1450 PG. 929-930, BK. 1879 PG. 155-158, BK. 806 PG. 866-867, BK. 1596 PG. 419, BK. 1731 PG. 230-234, BK. 1828 PG. 926-928, BK. 1910 PG. 400-401, BK. 1252 PG. 204-205, BK. 1348 PG. 105-106, BK. 819 PG. 311-312, BK. 1748 PG. 288, BK. 1731 PG. 230-234, BK. 1572 PG. 180-181, BK. 1895 PG. 91-92, BK. 1502 PG. 689-690, BK. 1147 PG. 98-102, BK. 1638 PG. 348-349, BK. 1737 PG. 227-229, BK. 1869 PG. 134-135, BK. 1202 PG. 775, BK. 1556 PG. 107-110, BK. 1664 PG. 726-728, BK. 1479 PG. 670-673, BK. 1182 PG. 961-964, BK. 1700 PG. 305-308, BK. 1652 PG. 345-346, BK. 1230 PG. 219-221, BK. 1123 PG. 169-170, BK. 1052 PG. 372-377.



REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
 J. DAVID BRINTON
 OREGON
 DECEMBER 2, 1983
 2065
 EXPIRES 12/31/2005

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 OR 138 @ WINCHESTER SIGNALS
 NORTH UMOUA HIGHWAY (HWY 73)
 DOUGLAS COUNTY
 DECEMBER 3, 2003 FOR ODOT REGION 3
 3500 N.W. STEWERT ST., ROSEBURG, OREGON 97470
 SCALE: 1" = 100' SHEET 3 OF 3