

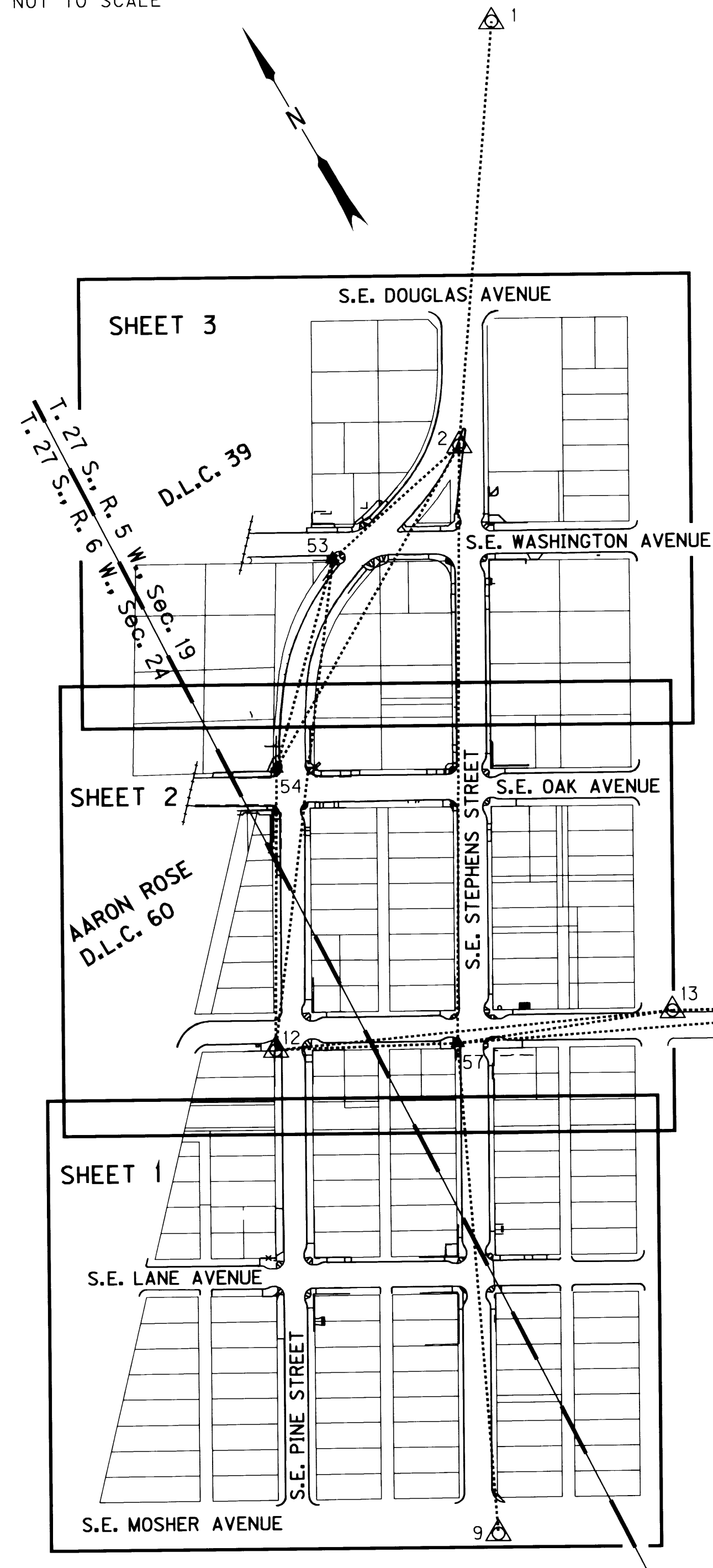
SECTION 24, T. 27 S., R. 6 W., AND SECTION 19, T. 27 S., R. 5 W., W.M.

FILED
 Date: 7/3/2002 By: JP
 This survey consists of: 5 SHEETS
 Map: ST. HWY. 99-004 A
 Narrative:
 Corner Rpt:

DOUGLAS COUNTY
 SURVEYOR

NETWORK SCHEMATIC AND SHEET LAYOUT DIAGRAM

NOT TO SCALE



SURVEY NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO ESTABLISH RIGHT OF WAY MONUMENTATION FOR AN OREGON DEPARTMENT OF TRANSPORTATION (ODOT) PROJECT CALLED "LANE AVE. - WASHINGTON AVE." IN THE CITY OF ROSEBURG. THE SURVEY WAS PERFORMED BY AN ODOT SURVEY CREW ON APRIL 29, 2002. THE ORIGINAL FIELD NOTES ARE ARCHIVED IN SALEM AS BOOK NO. 3824.

THE ORIGINAL HORIZONTAL CONTROL, RECOVERY, AND RETRACEMENT WERE DONE BY A CONSULTANT AND FILED WITH THE DOUGLAS COUNTY SURVEYORS' OFFICE AS MAP #134-24, A-E. CONTROL POINTS FROM THIS SURVEY WERE RECOVERED AND USED AS THE BASIS OF THIS CURRENT RIGHT OF WAY SURVEY. RECOVERED POINTS FROM MAP #134-24 WERE 1, 2, 9, 12, 13, AND 14. THE NETWORK OPTION WAS USED TO ESTABLISH AND REFERENCE THE NEW RIGHT OF WAY AND CONTROLLING CENTERLINE PER OREGON REVISED STATUTE 209.155 (2) (B). USING THE RECOVERED CONTROL POINTS A NEW NETWORK WAS ESTABLISHED THROUGHOUT THE PROJECT AREA WITH THREE NEW NETWORK POINTS INSTALLED (POINTS 53, 54, & 57). REFER TO ODOT RIGHT OF WAY DRAWING NO. 10B-14-16, ALSO KNOWN AS RIGHT OF WAY PROJECT NO. 6843. THE FOLLOWING DEEDS PERTAIN TO THE PURCHASES FOR THIS PROJECT : 1698/944, 2000-17413, 2000-15373, 1723/934, 1729/722, 200018851, 2000-15112, AND 200016845, ALONG WITH ODOT FILE #6843-013.

COORDINATES FOR THIS SURVEY UTILIZED THE LOCAL DATUM PLANE COORDINATES AS SHOWN ON SURVEY MAP #134-24, WHICH WERE CONVERTED FROM OREGON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, 1983 (1991).

A LEICA TCA1800 TOTAL STATION (SERIAL #416526) WAS USED TO MAKE THE NETWORK OBSERVATIONS. THIS INSTRUMENT HAS A STANDARD ANGULAR ERROR OF +/- 1 SECOND, AND A STANDARD DISTANCE ERROR OF +/- 2 mm, +/- 2 PPM.

THE LEAST SQUARES ADJUSTMENT OF THE NETWORK PRODUCED:

- (1) ANGULAR RESIDUALS (THE AMOUNT THE FIELD OBSERVED ANGLES WERE CHANGED DUE TO THE ADJUSTMENT) 76% WERE WITHIN THREE SECONDS AND 100% WERE WITHIN SEVEN SECONDS.
- (2) DISTANCE RESIDUALS (THE AMOUNT THE FIELD OBSERVED DISTANCES WERE CHANGED DUE TO THE ADJUSTMENT) 100% WERE WITHIN 4 mm.

THERE IS A 95% PROBABILITY THE FINAL POSITIONS OF THE NEW NETWORK POINTS ARE WITHIN THE ERROR ELLIPSES AS SHOWN ON THE "CONFIDENCE LEVEL LIMITS" TABLE SHOWN BELOW.

NETWORK POINT COORDINATE TABLE

PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION
1	175652.791	1269148.152	4-29-02	FND. PK NAIL W/38 mm BRASS WASHER STAMPED "OTAK CONTROL"
2	175484.817	1269032.028	4-29-02	FND. PK NAIL W/38 mm BRASS WASHER STAMPED "OTAK CONTROL"
9	175024.885	1268784.672	4-29-02	FND. PK NAIL W/38 mm BRASS WASHER STAMPED "OTAK CONTROL"
12	175278.712	1268809.869	4-29-02	FND. PK NAIL W/38 mm BRASS WASHER STAMPED "OTAK CONTROL"
13	175199.174	1268983.080	4-29-02	FND. PK NAIL W/38 mm BRASS WASHER STAMPED "OTAK CONTROL"
14	175133.739	1269100.926	4-29-02	FND. PK NAIL W/38 mm BRASS WASHER STAMPED "OTAK CONTROL"
53	175468.211	1268952.220	4-29-02	SET 38 mm BRASS CAP STAMPED "ODOT CONTROL 53" W/BRASS PLUG EPOXIED IN CONC. WALK
54	175395.077	1268878.316	4-29-02	SET 38 mm BRASS CAP STAMPED "ODOT CONTROL 54" W/BRASS PLUG EPOXIED IN CONC. WALK
57	175237.460	1268886.590	4-29-02	SET 38 mm BRASS CAP STAMPED "ODOT CONTROL 57" W/BRASS PLUG EPOXIED IN CONC. WALK

LEGEND

- ▲ SET NETWORK POINT
- △ FOUND MONUMENT USED AS NETWORK POINT
- LINES OF OBSERVATION
- CURB / EDGE OF CONC.
- - - - - PROPERTY LINE
- D.L.C. LINE

CONFIDENCE LEVEL LIMITS

POINT ID	SEMI MAJOR	SEMI MINOR	ORIENTATION
57	0.002	0.002	122°28'09"
54	0.003	0.002	138°25'48"
53	0.002	0.002	120°14'40"



REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
 Christine V. Blevins
 OREGON
 JULY 19, 1994
 CHRISTINE V. BLEVINS
 2669
 EXPIRES 12/31/03

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL & RIGHT OF WAY MONUMENTATION MAP
 LANE AVENUE - WASHINGTON AVENUE (ROSEBURG SEC.)
 OAKLAND-SHADY HIGHWAY
 DOUGLAS COUNTY
 JULY 3, 2002
 FOR ODOT REGION 3
 3500 N.W. STEWART PARKWAY, ROSEBURG, OR 97470
 KEY #09084

FILED

Date: 7/8/2002 By: JP
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DOUGLAS COUNTY
 SURVEYOR

RIGHT OF WAY REFERENCE LIST: "P1" CENTERLINE

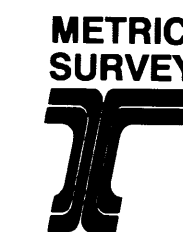
PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DESCRIPTION
2000	175094.738	1268722.721	P1 47+780	7.5 m RT.	REFERENCE POINT (CALC.)
2001	175102.189	1268709.702	P1 47+780	7.5 m LT.	REFERENCE POINT (CALC.)
2002	175155.493	1268757.490	P1 47+850	7.5 m RT.	REFERENCE POINT (CALC.)
2003	175162.943	1268744.471	P1 47+850	7.5 m LT.	REFERENCE POINT (CALC.)
2004	175198.875	1268782.338	P1 47+900	7.5 m RT.	REFERENCE POINT (CALC.)
2005	175206.335	1268769.324	P1 47+900	7.5 m LT.	REFERENCE POINT (CALC.)
2006	175250.929	1268812.177	P1 47+960	7.5 m RT.	REFERENCE POINT (CALC.)
2007	175258.389	1268799.163	P1 47+960	7.5 m LT.	REFERENCE POINT (CALC.)
2008	175294.285	1268837.061	P1 48+010	7.5 m RT.	REFERENCE POINT (CALC.)
2009	175301.764	1268824.058	P1 48+010	7.5 m LT.	REFERENCE POINT (CALC.)
2010	175337.626	1268861.991	P1 48+060	7.5 m RT.	REFERENCE POINT (CALC.)
2011	175345.105	1268848.989	P1 48+060	7.5 m LT.	REFERENCE POINT (CALC.)

RIGHT OF WAY REFERENCE LIST: "P2" CENTERLINE

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DESCRIPTION
2012	175396.667	1268896.519	P2 48+128.393 P.S.	6.0 m RT.	REFERENCE POINT (CALC.)
2013	175403.897	1268883.950	P2 48+128.393 P.S.	8.5 m LT.	REFERENCE POINT (CALC.)
2014	175432.804	1268921.649	P2 48+174.113 P.S.C.	6.0 m RT.	REFERENCE POINT (CALC.)
2015	175441.980	1268912.442	P2 48+174.113 P.S.C.	7.0 m LT.	REFERENCE POINT (CALC.)
2016	175444.973	1268937.151	P2 48+195.328 P.C.S.	6.0 m RT.	REFERENCE POINT (CALC.)
2017	175456.096	1268930.422	P2 48+195.328 P.C.S.	7.0 m LT.	REFERENCE POINT (CALC.)
2018	175452.160	1268980.729	P2 48+241.048 P.T.	15.0 m RT.	REFERENCE POINT (CALC.)
2019	175477.131	1268973.487	P2 48+241.048 P.T.	11.0 m LT.	REFERENCE POINT (CALC.)
2020	175448.678	1268986.672	P2 48+245.786 P.S.	20.0 m RT.	REFERENCE POINT (CALC.)
2021	175476.051	1268978.736	P2 48+245.786 P.S.	8.5 m LT.	REFERENCE POINT (CALC.)
2022	175471.766	1269012.881	P2 48+276.266 P.S.C.	7.0 m RT.	REFERENCE POINT (CALC.)
2023	175485.678	1269006.047	P2 48+276.266 P.S.C.	8.5 m LT.	REFERENCE POINT (CALC.)
2024	175490.882	1269049.860	P2 48+312.844 P.C.S.	15.0 m RT.	REFERENCE POINT (CALC.)
2025	175505.933	1269031.812	P2 48+312.844 P.C.S.	8.5 m LT.	REFERENCE POINT (CALC.)
2026	175519.256	1269066.701	P2 48+343.324 P.T.	13.5 m RT.	REFERENCE POINT (CALC.)
2027	175530.198	1269047.616	P2 48+343.324 P.T.	8.5 m LT.	REFERENCE POINT (CALC.)

RIGHT OF WAY REFERENCE LIST: "S1" CENTERLINE

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DESCRIPTION
2028	175055.265	1268800.387	S1 48+000	8.0 m RT.	REFERENCE POINT (CALC.)
2029	175063.219	1268786.504	S1 48+000	8.0 m LT.	REFERENCE POINT (CALC.)
2030	175107.326	1268830.215	S1 48+060	8.0 m RT.	REFERENCE POINT (CALC.)
2031	175115.280	1268816.332	S1 48+060	8.0 m LT.	REFERENCE POINT (CALC.)
2032	175159.383	1268860.046	S1 48+120	8.0 m RT.	REFERENCE POINT (CALC.)
2033	175167.339	1268846.164	S1 48+120	8.0 m LT.	REFERENCE POINT (CALC.)
2034	175211.440	1268889.881	S1 48+180	8.0 m RT.	REFERENCE POINT (CALC.)
2035	175219.396	1268875.999	S1 48+180	8.0 m LT.	REFERENCE POINT (CALC.)
2036	175254.816	1268914.746	S1 48+230	8.0 m RT.	REFERENCE POINT (CALC.)
2037	175262.775	1268900.867	S1 48+230	8.0 m LT.	REFERENCE POINT (CALC.)
2038	175315.541	1268949.568	S1 48+300	8.0 m RT.	REFERENCE POINT (CALC.)
2039	175323.500	1268935.688	S1 48+300	8.0 m LT.	REFERENCE POINT (CALC.)
2040	175350.241	1268969.466	S1 48+340	8.0 m RT.	REFERENCE POINT (CALC.)
2041	175358.200	1268955.586	S1 48+340	8.0 m LT.	REFERENCE POINT (CALC.)
2042	175419.640	1269009.262	S1 48+420	8.0 m RT.	REFERENCE POINT (CALC.)
2043	175427.599	1268995.382	S1 48+420	8.0 m LT.	REFERENCE POINT (CALC.)
2044	175454.340	1269029.159	S1 48+460	8.0 m RT.	REFERENCE POINT (CALC.)
2045	175462.299	1269015.279	S1 48+460	8.0 m LT.	REFERENCE POINT (CALC.)
2046	175506.391	1269059.005	S1 48+520	8.0 m RT.	REFERENCE POINT (CALC.)
2047	175517.334	1269039.919	S1 48+520	14.0 m LT.	REFERENCE POINT (CALC.)



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Christine V. Blevis

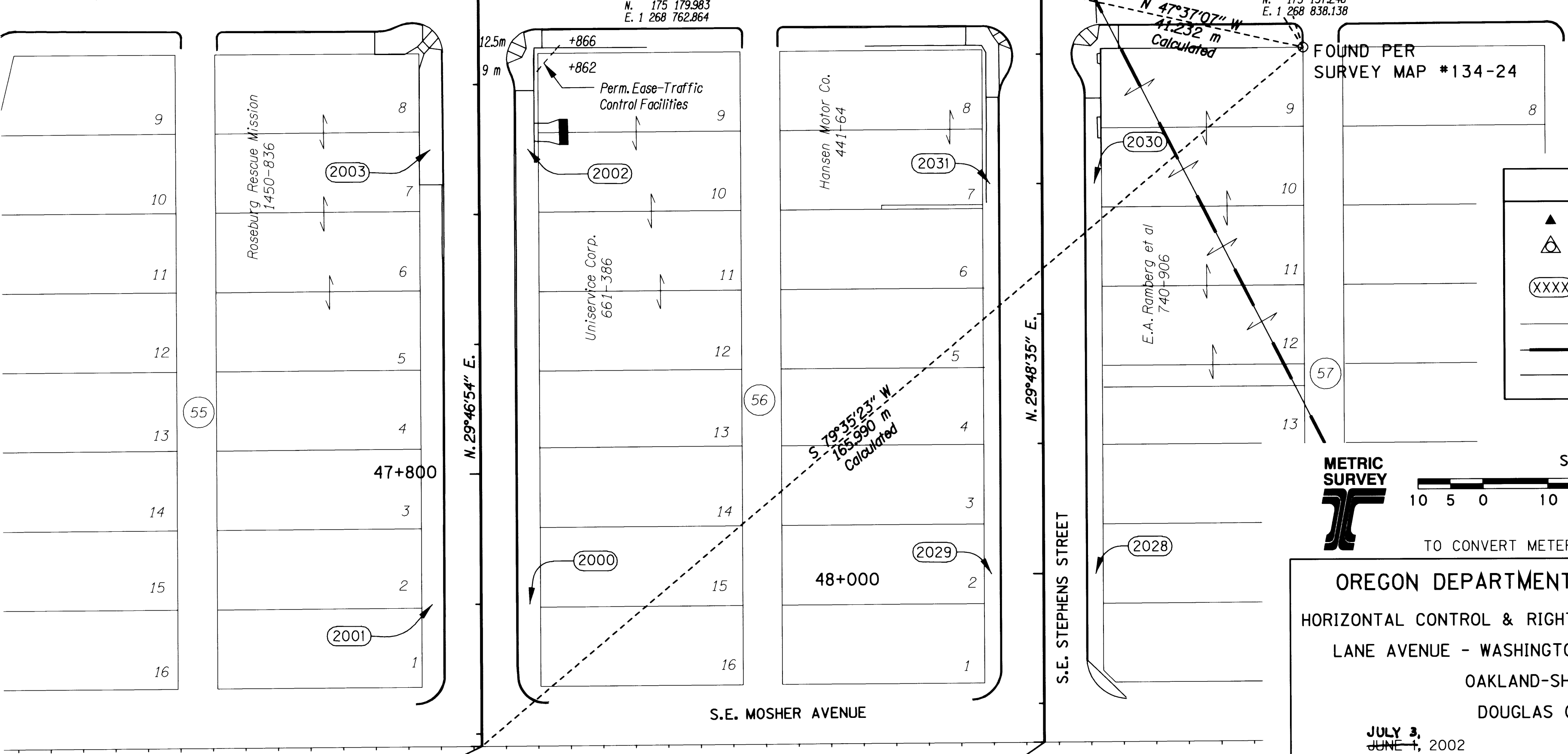
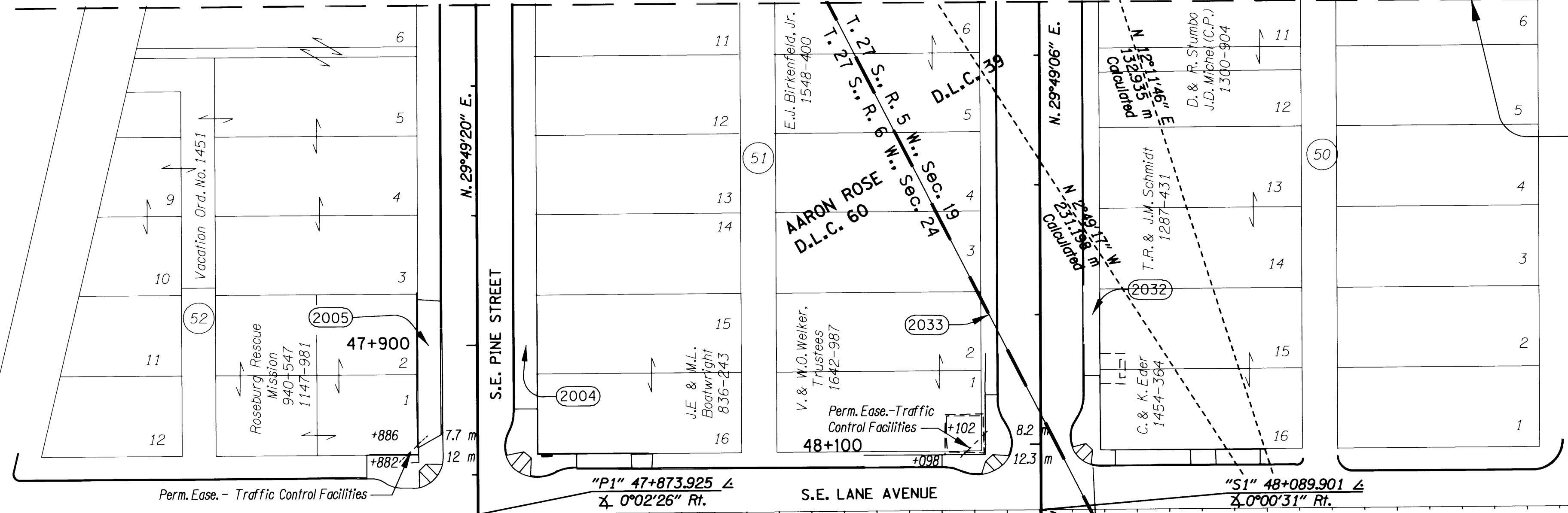
OREGON
 JULY 19, 1994
 CHRISTINE V. BLEVINS
 2669

EXPIRES 12/31/03

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL & RIGHT OF WAY MONUMENTATION MAP
 LANE AVENUE - WASHINGTON AVENUE (ROSEBURG SEC.)
 OAKLAND-SHADY HIGHWAY
 DOUGLAS COUNTY
 JULY 3, 2002
 JUNE 1, 2002 FOR ODOT REGION 3
 3500 N.W. STEWART PARKWAY, ROSEBURG, OR 97470
 KEY #09084

NE 1/4 SECTION 24, T. 27 S., R. 6 W., AND NW 1/4 SECTION 19, T. 27 S., R. 5 W., W.M.

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 CHRISTINE V. BLEWINS
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METRIC SURVEY

SCALE 1:500

10 5 0 10 20 30 40 50
 METERS

TO CONVERT METERS TO FEET DIVIDE BY 0.3048

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL & RIGHT OF WAY MONUMENTATION MAP
 LANE AVENUE - WASHINGTON AVENUE (ROSEBURG SEC.)
 OAKLAND-SHADY HIGHWAY
 DOUGLAS COUNTY

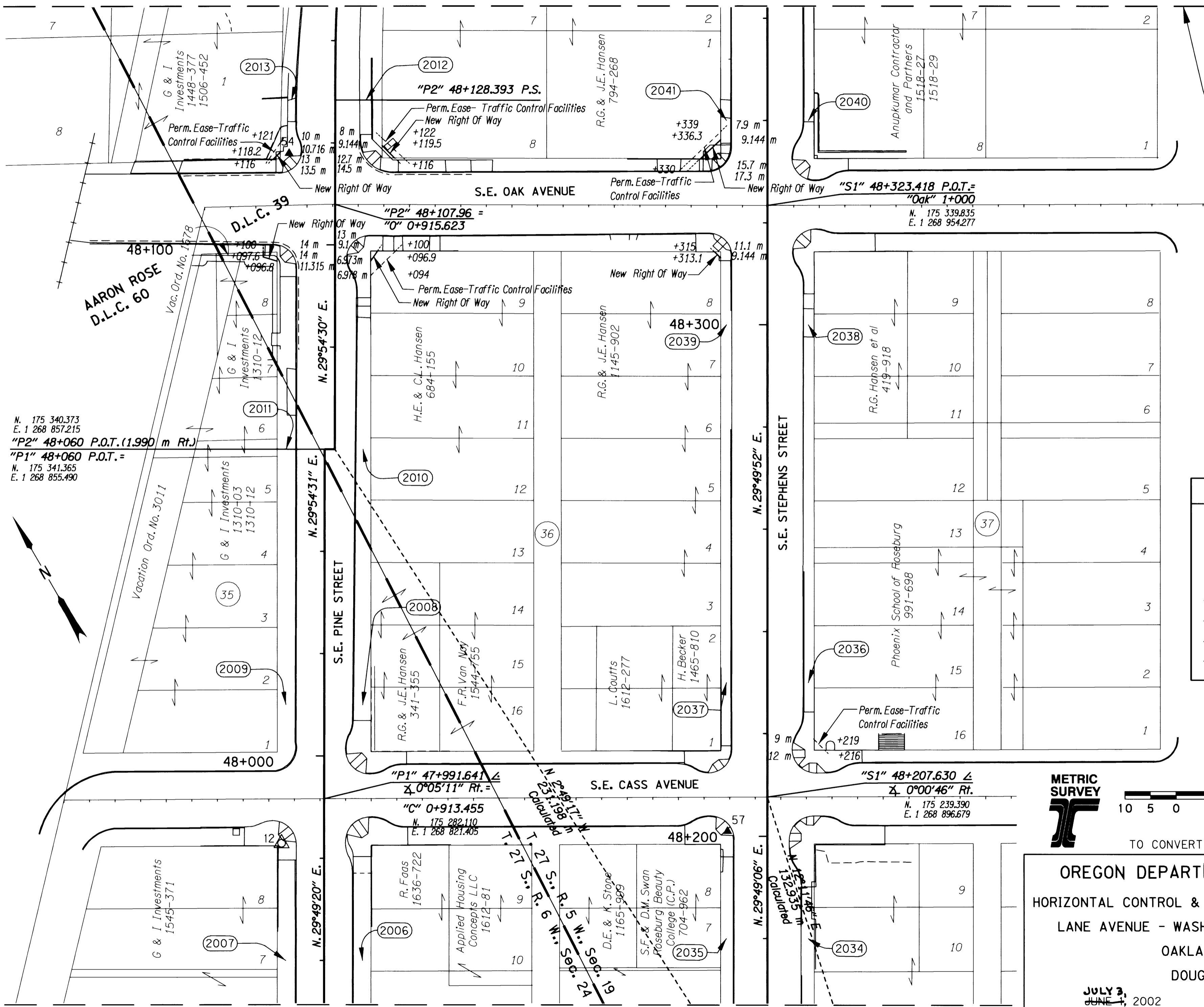
JULY 3, 2002
 FOR ODOT REGION 3
 3500 N.W. STEWART PARKWAY, ROSEBURG, OR 97470
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SHEET 3 OF 5

NE 1/4 SECTION 24, T. 27 S., R. 6 W., AND NW 1/4 SECTION 19, T. 27 S., R. 5 W., W.M.

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 SURVEYOR

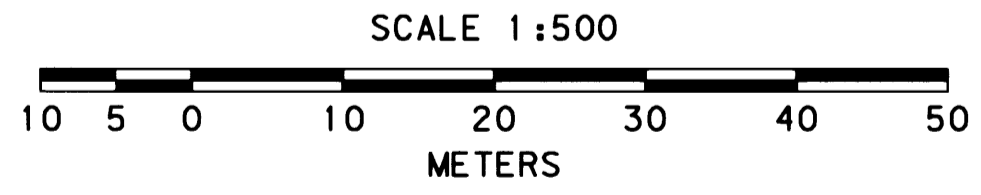
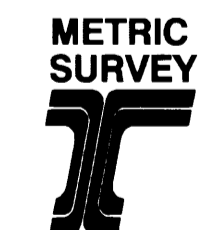
MATCH LINE "B"



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 Christine V. Blevins
 OREGON
 JULY 19, 1994
 CHRISTINE V. BLEVINS
 2669
 EXPIRES 12/31/03

LEGEND	
	SET NETWORK POINT
	FOUND MONUMENT USED AS NETWORK POINT
	R/W REFERENCE POINT (SEE SHEET 2 OF 5)
	PROPERTY LINE
	D.L.C. LINE
	RAILROAD
	CURB / EDGE OF CONC.

N. 175 340.373
 E. 1 268 857.215
 "P2" 48+060 P.O.T. (1.990 m Rt.)
 "P1" 48+060 P.O.T. =
 N. 175 341.365
 E. 1 268 855.490



TO CONVERT METERS TO FEET DIVIDE BY 0.3048

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL & RIGHT OF WAY MONUMENTATION MAP
 LANE AVENUE - WASHINGTON AVENUE (ROSEBURG SEC.)
 OAKLAND-SHADY HIGHWAY
 DOUGLAS COUNTY

JULY 3, 2002
 FOR ODOT REGION 3
 3500 N.W. STEWART PARKWAY, ROSEBURG, OR 97470

KEY #09084

SHEET 4 OF 5

MATCH LINE "A"

SECTION 24, T. 27 S., R. 6 W., AND SECTION 19, T. 27 S., R. 5 W., W.M.

S.E. DOUGLAS AVE.

"S1" 48+557.792 P.O.T.

N. 175 543.155
E. 1 269 070.863

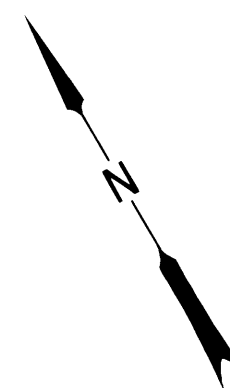
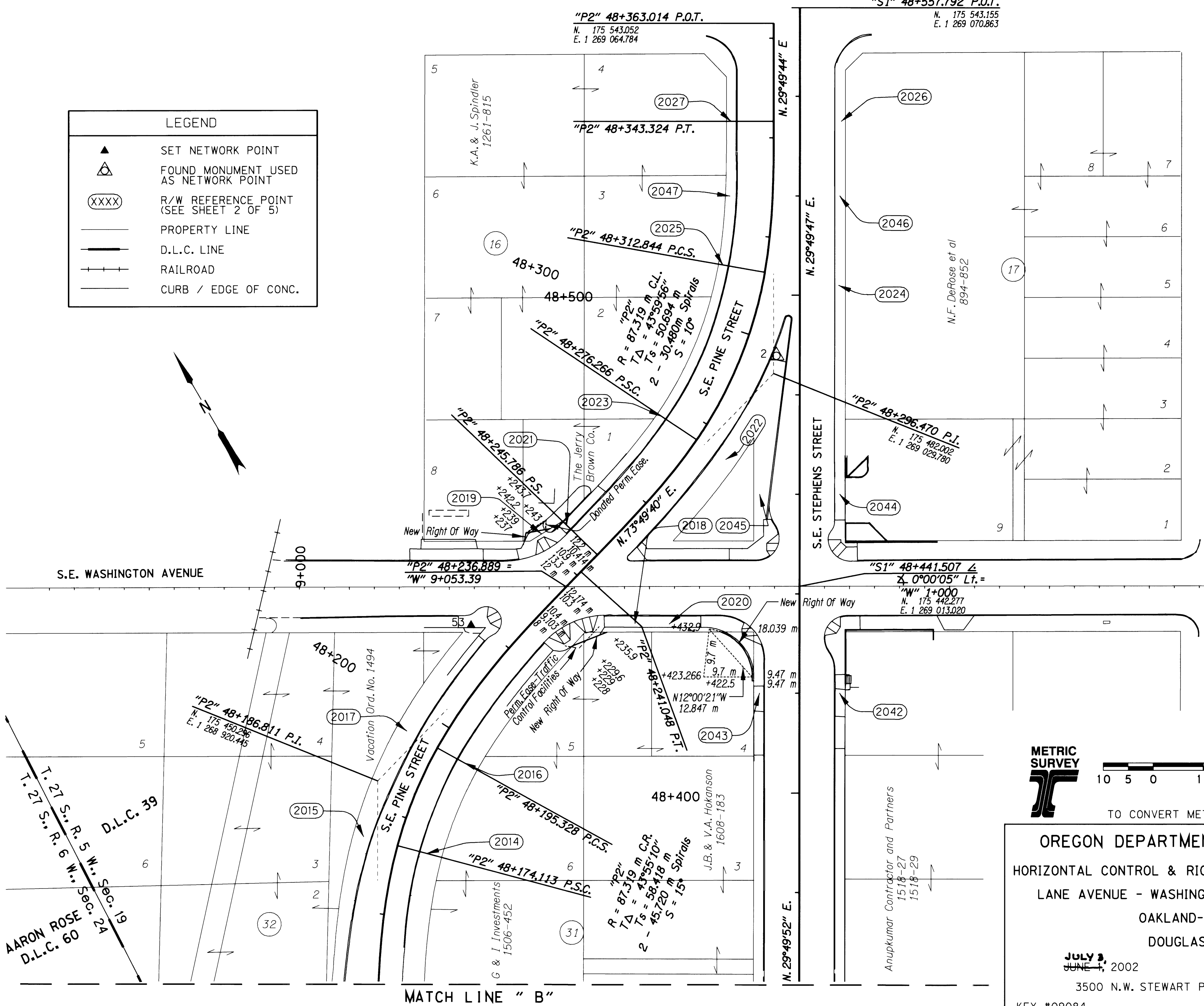
"P2" 48+363.014 P.O.T.

N. 175 543.052
E. 1 269 064.784

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Corner Rpt: _____

DOUGLAS COUNTY
SURVEYOR

LEGEND	
	SET NETWORK POINT
	FOUND MONUMENT USED AS NETWORK POINT
	R/W REFERENCE POINT (SEE SHEET 2 OF 5)
	PROPERTY LINE
	D.L.C. LINE
	RAILROAD
	CURB / EDGE OF CONC.

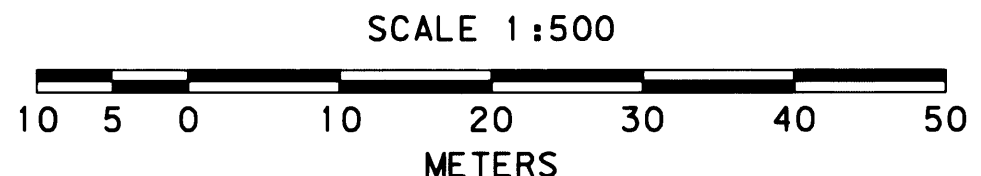
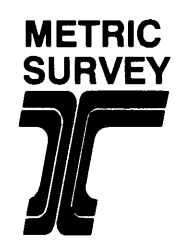


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Christine V. Blevins

OREGON
JULY 19, 1994
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LANE AVENUE - WASHINGTON AVENUE (ROSEBURG SEC.)
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KEY #09084

SHEET 5 OF 5

T. 27 S., R. 6 W., Sec. 24
T. 27 S., R. 5 W., Sec. 19
AARON ROSE
D.L.C. 60

MATCH LINE " B "