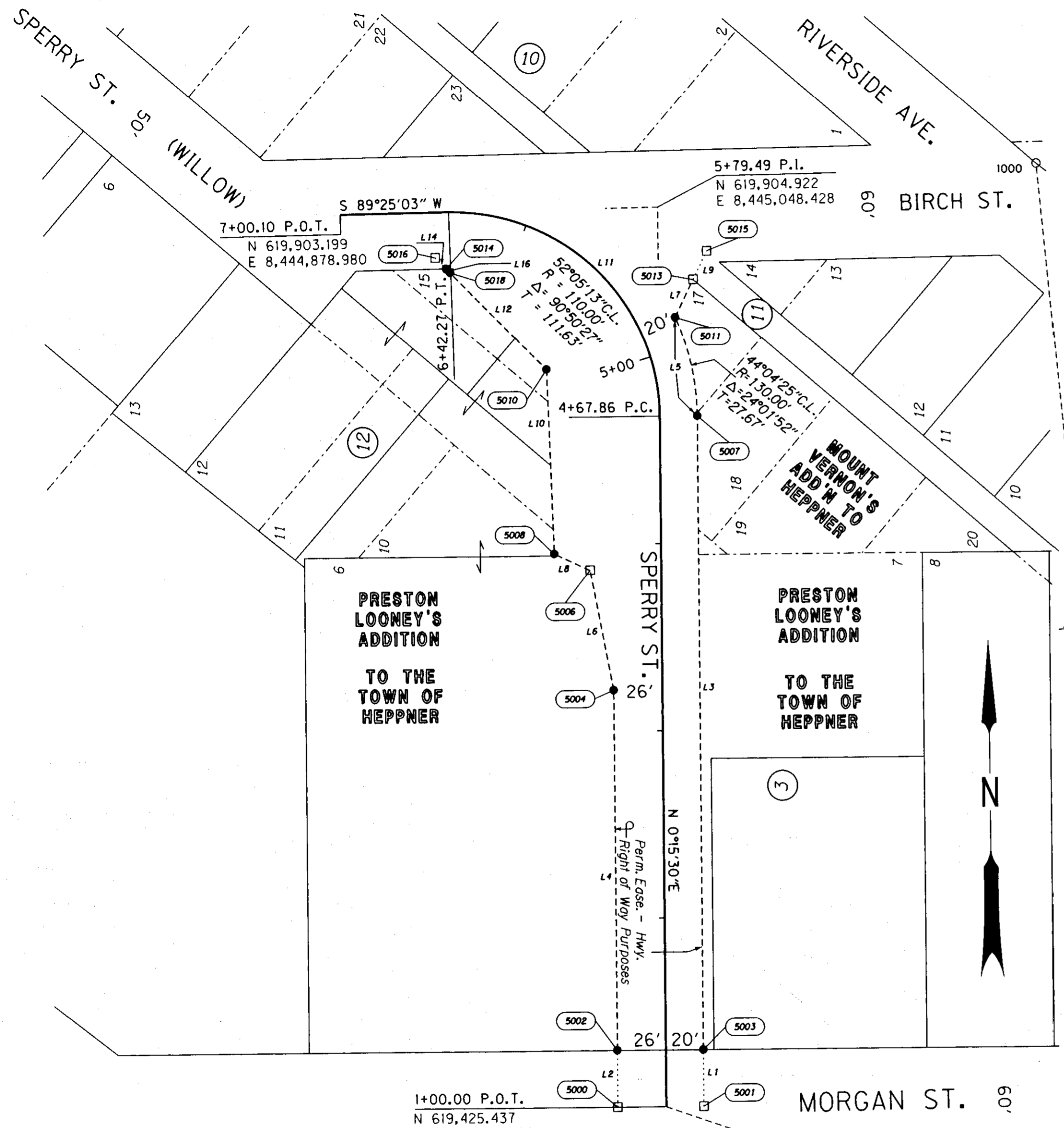


SE 1/4, SEC. 27, T. 2 S., R. 26 E., W.M.



SURVEY NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO DEFINE THE NEW RIGHT OF WAY BOUNDARY (RW) AND CONTROLLING CENTER LINE FOR A PORTION OF SPERRY ST. LOCATED IN THE SE OF SECTION 27, TOWNSHIP 2 SOUTH, RANGE 26 EAST, W.M. IN THE CITY OF HEPPNER, MORROW COUNTY, OREGON. THIS RW WAY WAS ACQUIRED FOR THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT) AS PART OF THE SPERRY STREET: SPERRY STREET - MORGAN ST. (HEPPNER) PROJECT. FOR THIS PURPOSE WE SET MONUMENTS AT BOUNDARY ANGLE POINTS AND REFERENCED CENTER LINE AT POINT OF CURVE AND POINT OF TANGENCY.

THE GEOMETRY OF ODOT DRAWING OIR-04-1155 WAS USED TO DEFINE THE CONTROLLING CENTER LINE AND RW ANGLE POINTS FOR THIS SURVEY. THE POSITION OF POINTS CBL-1, 1003, 1010, 1011, 1012, 1013, 1014, SP-5 AND SP-7 FROM COUNTY SURVEY 1676 WAS HELD TO ESTABLISH THE LOCATION ON THE GROUND OF THE NEW RW AND REFERENCES TO CENTER LINE. THE FALSE CALLS SHOWN AS EXTENDING INTO THE STREET RW ON THIS PLAT ARE FROM THE DEED DESCRIPTIONS AND WERE INCLUDED TO PREVENT ANY GAPS IN THE PROPERTY PURCHASED USING THE CENTER LINE DESCRIPTION. MONUMENTS WERE SET AT THE TRUE RW INTERSECTION POINTS.

THE BASIS OF BEARING AND THE POSITION OF SET MONUMENTS WERE ESTABLISHED WITH A LEICA GPS SYSTEM 1200 BASE AND A LEICA GNSS ROVER, USING A LOCAL DATUM PLANE (LDP) DERIVED FROM AN OPUS SOLUTION OBSERVED AT POINT CBL-1. A LEICA NOVA MS50 WAS USED TO SET ADDITIONAL MONUMENTS AND TO PROVIDE A CHECK ON MONUMENTS ALREADY SET. THE BEARINGS ON THIS PLAT ARE GRID BEARINGS. THIS SURVEY UTILIZES A LDP WHICH IS RELATIVE TO THE OREGON COORDINATE SYSTEM (OCS) OF 1983 (CORS96, EPOCH 2002), NORTH ZONE, WITH RESPECT TO THE LOCAL LATITUDE AND GROUND ELEVATION. THE LDP COORDINATES DEFINE TRUE GROUND DISTANCES. TO CONVERT THE LDP COORDINATES, FOR THE CONTROL POINTS, TO THE OREGON COORDINATE SYSTEM OF 1983(CORS96, EPOCH 2002), NORTH ZONE, MULTIPLY THE LDP COORDINATES BY 0.99980207.

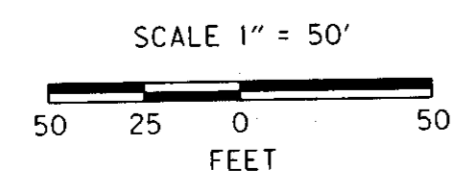
REFERENCES

- MT. VERNON ADDITION TO HEPPNER
- MAP OF MT. VERNON ADDITION TO THE TOWN OF HEPPNER
- THE SECOND MT. VERNON ADDITION TO THE CITY OF HEPPNER
- PRESTON LOONEY'S ADDITION TO THE TOWN OF HEPPNER
- MORROW COUNTY RECORD BOOK E, PAGE 591
- MORROW COUNTY RECORD BOOK O, PAGE 459
- MORROW COUNTY RECORD BOOK O, PAGE 462
- MORROW COUNTY SURVEY A-882-K
- MORROW COUNTY SURVEY B-26-K
- MORROW COUNTY SURVEY B-1044-E
- MORROW COUNTY SURVEY C-3-K
- MORROW COUNTY SURVEY C-864-K
- MORROW COUNTY SURVEY C-1338-M
- MORROW COUNTY SURVEY C-1386-M
- MORROW COUNTY SURVEY D-1205-E
- MORROW COUNTY SURVEY 2013-29C, FOLDER 1676
- OREGON DEPARTMENT OF TRANSPORTATION DRG. IIB-04-0014

REGISTERED PROFESSIONAL LAND SURVEYOR
Robert E. Butler
 OREGON
 July 25, 1995
 ROBERT ERICH BUTLER
 2733
 EXPIRES: 12/31/2015

RECEIVED BY
 Morrow County Surveyor
 Date: 8-11-2014
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 No.: 2014-1708C
 Folder No.: 1708

LEGEND	
	FOUND MONUMENT USED AS OPUS POINT
	FOUND MONUMENT USED AS GPS POINT
	FOUND MONUMENT AS NOTED IN CHART ON PAGE 2
	SET R/W MONUMENT
	CALCULATED POINT
	EXISTING RIGHT-OF-WAY
	NEW RIGHT-OF-WAY
	RIGHT-OF-WAY POINT NO.



OREGON DEPARTMENT OF TRANSPORTATION
 RIGHT-OF-WAY
 BOUNDARY MONUMENTATION MAP
 CITY OF HEPPNER AT SPERRY STREET
 MORROW COUNTY

ODOT REGION 5
 3012 ISLAND AVE.
 LA GRANDE, OR. 97850-9497

JULY 17, 2014
 SCALE 1" = 50'
 SHEET 1 OF 2

SE 1/4, SEC. 27, T. 2 S., R. 26 E., W.M.

1708

LINE CHART

LINE NO.	DISTANCE (FT)	BEARING	LINE NO.	DISTANCE (FT)	BEARING
L1	30.00'	N00°15'30"E	L8	21.02'	N64°23'44"W
L2	30.00'	N00°30'59"E	L9	16.76'	N26°18'41"E
L3	337.86'	N00°15'30"E	L10	98.47'	S01°35'18"E
L4	192.00'	N00°15'30"E	L11	*=156.70'	**=S45°09'44"E
L5	*=54.13'	**=N11°45'26"E	L12	75.99'	S44°01'22"E
L6	65.12'	N10°21'41"W	L14	8.26'	S44°01'22"E
L7	22.40'	N26°18'41"E	L16	2.99'	S44°00'33"E

MEASURED / RECORD BEARINGS AND DISTANCES

FROM	TO	DIST. (FT.)	BEARING	RECORD BEARING AND DIST.
1010	1009	109.94	S.89°44'55"E.	N.89°40'11"E. 110.00' (CS C-1354-M)
1009	1008	78.33	S.89°45'35"E.	N.89°40'11"E. 78.26' (CS C-1354-M)
1008	1003	761.25	S.89°44'20"E.	N.89°40'11"E. 761.33' (CS C-1354-M)
1011	1012	114.56	S.0°35'38"E.	114.58' (CS 1621-C)
1011	1013	161.98	S.89°38'52"W.	161.98' (CS 1621-C)
1012	1015	162.00	S.89°29'37"W.	162.00' (CS 1621-C)
1013	1015	115.00	S.0°35'02"E.	115.00' (CS 1621-C)

INDEX:

*=CHORD LENGTH
**=CHORD BEARING

RIGHT-OF-WAY MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	STATION & ALIGNMENT	OFFSET	DATE	DESCRIPTION
5000	619,425.554	8,445,020.266	1+00.00 SPERRY ST.	26.00' Lt.	06/23/2014	RIGHT-OF-WAY POINT, FALSE CALL NOT SET.
5001	619,425.347	8,445,066.266	1+00.00 SPERRY ST.	20.00' Rt.	06/23/2014	RIGHT-OF-WAY POINT, FALSE CALL NOT SET.
5002	619,455.553	8,445,020.400	1+30.00 SPERRY ST.	26.00' Lt.	06/23/2014	RIGHT-OF-WAY, SET 5/8" DIA. IRON ROD W/ 1 1/2" DIA. ALUMINUM CAP MARKED "ODOT, PLS 2733".
5003	619,455.346	8,445,066.401	1+30.00 SPERRY ST.	20.00' Rt.	06/23/2014	RIGHT-OF-WAY, SET 5/8" DIA. IRON ROD W/ 1 1/2" DIA. ALUMINUM CAP MARKED "ODOT, PLS 2733".
5004	619,647.552	8,445,021.267	3+22.00 SPERRY ST.	26.00' Lt.	06/23/2014	RIGHT-OF-WAY, SET 5/8" DIA. IRON ROD W/ 1 1/2" DIA. ALUMINUM CAP MARKED "ODOT, PLS 2733".
5006	619,711.605	8,445,009.556	3+86.00 SPERRY ST.	38.00' Lt.	06/23/2014	RIGHT-OF-WAY POINT, NOT SET DUE TO UTILITY CONFLICT.
5007	619,793.207	8,445,067.924	4+67.86 SPERRY ST.	20.00' Rt.	06/23/2014	RIGHT-OF-WAY, SET 5/8" DIA. IRON ROD W/ 1 1/2" DIA. ALUMINUM CAP MARKED "ODOT, PLS 2733".
5008	619,720.691	8,444,990.596	3+95.00 SPERRY ST.	57.00' Lt.	06/23/2014	RIGHT-OF-WAY, SET 5/8" DIA. IRON ROD W/ 1 1/2" DIA. ALUMINUM CAP MARKED "ODOT, PLS 2733".
5010	619,819.127	8,444,987.867	5+20.00 SPERRY ST.	54.00' Lt.	06/23/2014	RIGHT-OF-WAY, SET 5/8" DIA. IRON ROD W/ 1 1/2" DIA. ALUMINUM CAP MARKED "ODOT, PLS 2733".
5011	619,846.197	8,445,056.895	5+14.00 SPERRY ST.	20.00' Rt.	06/23/2014	RIGHT-OF-WAY, SET 5/8" DIA. IRON ROD W/ 1 1/2" DIA. ALUMINUM CAP MARKED "ODOT, PLS 2733".
5013	619,866.278	8,445,066.825	5+24.71 SPERRY ST.	37.88' Rt.	06/23/2014	RIGHT-OF-WAY POINT, NOT SET DUE TO CONFLICT WITH WILLOW CREEK.
5014	619,873.768	8,444,935.060	6+44.32 SPERRY ST.	30.00' Lt.	06/23/2014	RIGHT-OF-WAY, SET 5/8" DIA. IRON ROD W/ 1 1/2" DIA. ALUMINUM CAP MARKED "ODOT, PLS 2733".
5015	619,881.304	8,445,074.255	5+31.13 SPERRY ST.	52.00' Rt.	06/23/2014	RIGHT-OF-WAY POINT, FALSE CALL NOT SET.
5016	619,879.710	8,444,929.317	6+50.00 SPERRY ST.	24.00' Lt.	06/23/2014	RIGHT-OF-WAY POINT, FALSE CALL NOT SET.
5018	619,871.621	8,444,937.134	6+42.27 SPERRY ST.	32.14' Lt.	07/17/2014	RIGHT-OF-WAY, SET 5/8" DIA. IRON ROD W/ 1 1/2" DIA. ALUMINUM CAP MARKED "ODOT, PLS 2733".

NETWORK & RECOVERED MONUMENT TABLE

PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION & REFERENCE DOCUMENTS
CBL-1	617,838.324	8,446,582.149	06/23/2014	FOUND 3/2" BRASS DISK, MARKED "CBL-1, 1980
1000	619,925.530	8,445,251.301	06/23/2014	FOUND 5/8" IRON ROD WITH YELLOW CAP, (CS D-1205-E)
1003	619,660.496	8,445,068.052	06/23/2014	FOUND 5/8" IRON ROD WITH YELLOW CAP, (CS D-1205-E)
1008	619,394.903	8,445,173.051	06/23/2014	FOUND 5/8" DIA. IRON ROD W/ YELLOW CAP MARKED "2850", (CS C-1354-M)
1009	619,395.231	8,445,094.718	06/23/2014	FOUND 5/8" DIA. IRON ROD W/ YELLOW CAP MARKED "2850", (CS C-1354-M)
1010	619,395.714	8,444,984.780	06/23/2014	FOUND 5/8" DIA. IRON ROD W/ YELLOW CAP MARKED "2850", (C-1354-M)
1011	617,954.314	8,446,742.955	06/23/2014	FOUND 'PK' NAIL, (CS 1621-C)
1012	617,839.756	8,446,744.143	06/23/2014	FOUND BRASS CAP WITNESS CORNER, (CS 1621-C)
1013	617,953.318	8,446,580.977	06/23/2014	FOUND 5/8" DIA. IRON PIN, (CS C-1621-C)
1014	620,515.948	8,446,554.927	06/23/2014	FOUND 2 1/2" DIA. BRASS CAP MARKED "T2S, R26E, S 27, 2 26, 1/4 COR., PLS 933."
1015	617,838.320	8,446,582.150	06/23/2014	CALCULATED POINT FOR SECTION CORNER LOCATED IN T2S, R26E, FOR SECTION 26, 27, 35, AND 35.

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OREGON DEPARTMENT OF TRANSPORTATION
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MORROW COUNTY
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SHEET 2 OF 2