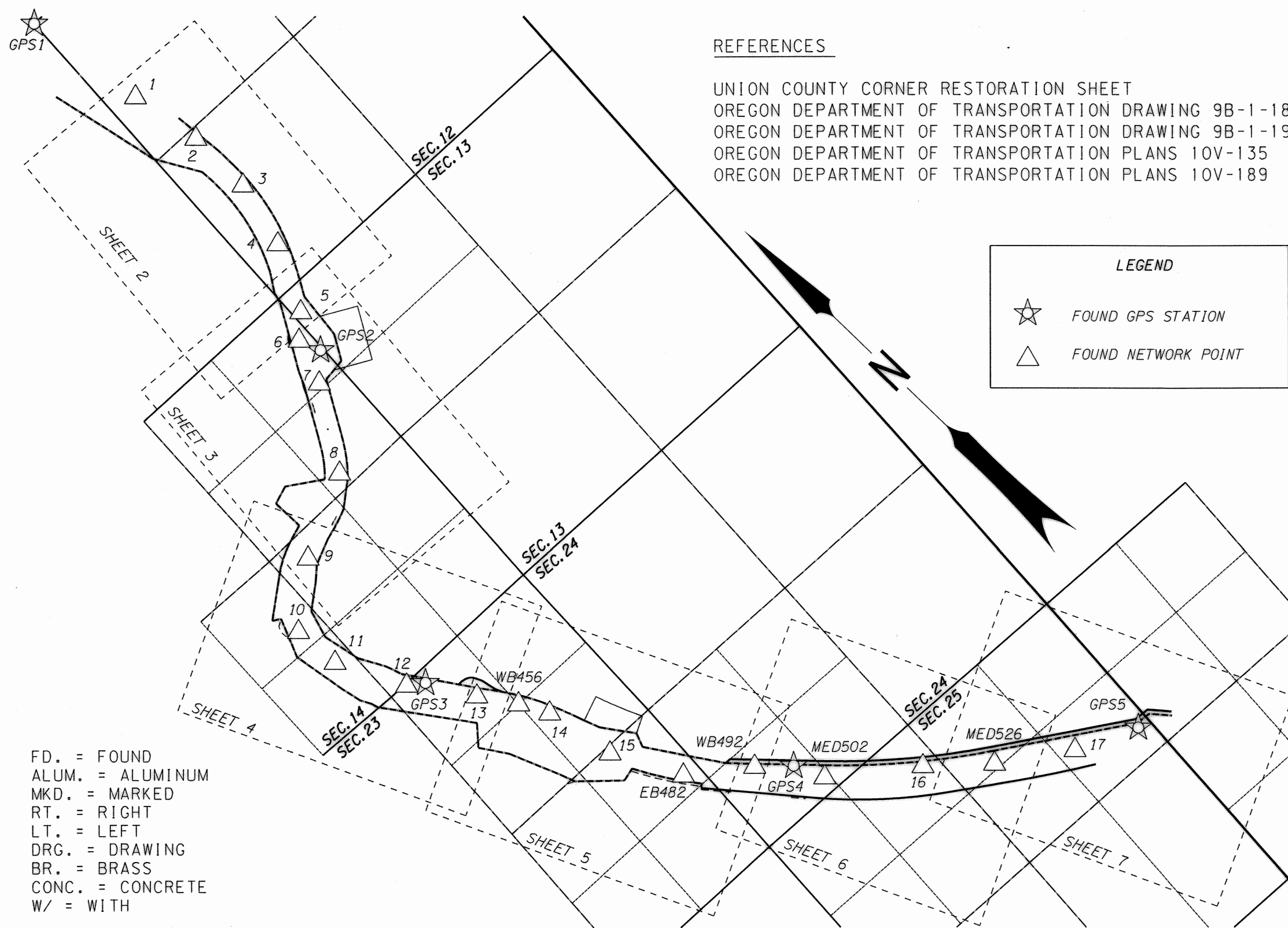


SECTION 11, 12, 13, 14, 23, 24, AND 25; T. 4 S., R. 38 E., WM.



REFERENCES

UNION COUNTY CORNER RESTORATION SHEET
 OREGON DEPARTMENT OF TRANSPORTATION DRAWING 9B-1-18
 OREGON DEPARTMENT OF TRANSPORTATION DRAWING 9B-1-19
 OREGON DEPARTMENT OF TRANSPORTATION PLANS 10V-135
 OREGON DEPARTMENT OF TRANSPORTATION PLANS 10V-189

LEGEND

- ☆ FOUND GPS STATION
- △ FOUND NETWORK POINT

SURVEY NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE LOCATION OF THE EXISTING RIGHT-OF-WAY (R/W) AND PERPETUATE THE POSITION OF MONUMENTS OF RECORD FOR A PORTION OF THE OLD OREGON TRAIL HIGHWAY IN UNION COUNTY, OREGON. FOR THIS PURPOSE WE ESTABLISHED A CONTROL NETWORK AND RECOVERED THE POSITION OF MONUMENTS OF RECORD. THIS SURVEY WAS DONE IN PREPARATION FOR THE 184: LADD CANYON FREIGHT AND CULVERT IMPROVEMENT PROJECT TO BE ADMINISTERED BY THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT).

THE BASIS OF BEARING WAS ESTABLISHED BY GPS WITH A BASE BEARING OF S. 55°20'31" E. 1,310.49 FEET FROM THE NORTH 1/4 COR. OF SEC. 23 TO MONUMENT 451PS. THIS SURVEY UTILIZES A LOCAL DATUM PLANE (LDP) THAT IS RELATIVE TO THE OREGON COORDINATE SYSTEM (OCS) OF NAD 83 (2011) EPOCH 2010, NORTH ZONE WITH RESPECT TO THE LOCAL LATITUDE AND GROUND ELEVATION. THE LDP COORDINATES DEFINE TRUE GROUND DISTANCES. TO CONVERT LDP COORDINATES TO THE OREGON COORDINATE SYSTEM OF NAD 83 (2011) EPOCH 2010, NORTH ZONE, MULTIPLY LDP COORDINATES BY 0.99973958.

EB CENTER LINE

POINT 2102 WAS HELD AT 65' LEFT OF RW CENTER LINE STATION EB 342+00.35. POINT "EBPOST" WAS HELD AS BEING A POINT ON SEMI-TANGENT (POST) AND MONUMENT 2003 WAS HELD AS BEING 160' RIGHT OF RW CENTER LINE. THE RECORD DELTA ANGLE (T) = 42°15'50", DEGREE OF CURVE (D) = 1°48', RECORD 720' SPIRALS AND THE RECORD SPIRAL ANGLE (S) = 6°28'48" FROM DRAWING 9B-1-18 WERE USED TO LOCATE CENTER LINE.

COMMON CENTER LINE: 372+69.64 [372+68.34] TO 466+33.64 [466+33.64]

THE POSITION OF MONUMENT 2003 WAS HELD AS BEING 180' DISTANCE AND AT RIGHT ANGLES TO STATION 372+69.64 [372+68.34]. THE TANGENT FROM THIS POINT WAS EXTENDED THROUGH MONUMENT 39865. THE RECORD DISTANCE OF 185.38' WAS THEN EXTENDED FROM SAID MONUMENT TO FORM STATION 400+55.18 [400+50.81] P.I. AS PER ODOT DRAWING 9B-1-19. THE FORWARD TANGENT FROM SAID P.I. WAS EXTENDED THROUGH A POINT ESTABLISHED 200.00' DISTANCE AND AT RIGHT ANGLES FROM MONUMENT 2103. THIS LINE WAS EXTENDED FORWARD TO STATION 429+68.99 [429+67.70] P.I. THE RECORD STATIONING WAS ASSUMED AT ENGINEER'S CENTER LINE STATION 451+22.29 ESTABLISHED AT A PRORATED DISTANCE USING POINTS 451PS AND 524. THE BACK TANGENT WAS EXTENDED BACK ON LINE THROUGH A POINT AT 230.00' AND AT RIGHT ANGLES TO MONUMENT 2011 TO INTERSECT AT STATION 429+68.99 [429+67.70] P.I. THIS TANGENT WAS ALSO EXTENDED FORWARD TO INTERSECT AT STATION 458+28.52 [458+28.52] P.I. THE RECORD DELTA ANGLE OF 1°07' WAS HELD AND THE POSITION OF MONUMENT 423 WAS HELD AT 200' DISTANT AND AT RIGHT ANGLES TO CENTER LINE.

WB CENTER LINE: (WB 466+35.17 P.S.) TO WB 492+26.94 P.T. BK = WB 492+40.28 P.O.T. AH THE POSITION OF MONUMENT 423 WAS HELD AS BEING 180' OFFSET AND AT RIGHT ANGLES TO CENTER LINE STATION (WB 466+32.54 P.S.). CENTER LINE STATION WB 492+26.94 P.T. BK = WB 492+40.28 P.O.T. AH WAS CREATED BY PRORATING THE RECORD DISTANCES SHOWN ON BRASS CAP MONUMENTS MED502 AND 420. THE RECORD DEFLECTION ANGLE = 23°40'10"; DEGREE OF CURVE = 1°06'; SPIRAL LENGTHS OF 440'; AND $\alpha = 0.25$ FROM DRAWING 9B-1-19 WERE USED TO LOCATE THE CURVE. FROM WB 492+26.94 P.T. BK = WB 492+40.28 P.O.T. AH. TO WB 548+21.42 P.O.T. BK. = WB 555+91.80 P.S. AH. THE TANGENT FROM THE PREVIOUS CURVE WAS EXTENDED FORWARD TO WB 479+46.93 P.I. THE FORWARD TANGENT WAS CONSTRUCTED AS PASSING THROUGH A POINT 49.85' FROM MONUMENT 407 AS DESCRIBED ON THE CAP. THE OTHER END OF THIS LINE WAS ESTABLISHED AT 116.40' DISTANT AND AT RIGHT ANGLES TO WB 548+21.41 P.O.T. BK. = WB 555+91.80 P.S. Ah.

FR CENTER LINE

THE POSITION OF MONUMENTS 525 AND 526 WERE HELD AS BEING RECORD 60.00 FEET RIGHT OF CENTER LINE AS DESCRIBED BY ODOT DRAWING 9B-1-19. THE CENTER LINE TANGENT THUS FORMED WAS EXTENDED BACK TO FR 185+00.00 P.O.T. AND AHEAD TO FR 501+96.37 P.C. THE CURVE BETWEEN FR 501+96.37 P.C. AND FR 520+85.28 P.T. WAS GENERATED USING A BEST FIT OF 526, 527, AND 528 AS DESCRIBED ON SAID DRAWING. THE FORWARD TANGENT WAS EXTENDED FORWARD TO A POINT 609.93 FEET FROM EQUATION STATION FR 542+59.48 P.T. Bk. = FR 550+38.03 P.O.T. Ah. USING EASTBOUND REFERENCE MONUMENTS 410, 411, 412 AND 413 AS DESCRIBED BY DRAWING 9B-1-19. THIS POINT WAS ESTABLISHED USING ODOT CONSTRUCTION PLANS 10V-189 AT EB 549+93.37 (100 FEET RIGHT). STATIONING WAS ASSUMED AT MONUMENT 526 TO BE THE RECORD FR 501+35.19.

- FD. = FOUND
- ALUM. = ALUMINUM
- MKD. = MARKED
- RT. = RIGHT
- LT. = LEFT
- DRG. = DRAWING
- BR. = BRASS
- CONC. = CONCRETE
- W/ = WITH

NETWORK POINT COORDINATE TABLE

PT. NO.	LDP NORTHING	LDP EASTING	DATE	DESCRIPTION
GPS1	583,066.84	8,844,547.91	01/28/2015	FD. 2 1/2" ALUM. POST & CAP W/ROCK COLLAR MKD.: S1,S2,S11,S12; T4S; R38E; UNION COUNTY SURVEYOR; OPLS991; 1996
1	581,321.33	8,844,981.71	01/28/2015	FD. 39" T POST W/PUNCHMARK
2	580,306.22	8,845,262.37	01/28/2015	FD. 39" T POST W/PUNCHMARK
3	579,358.55	8,845,351.10	01/28/2015	FD. 30" T POST W/PUNCHMARK
4	578,390.80	8,845,193.47	01/28/2015	FD. 30" T POST W/PUNCHMARK
5	577,428.04	8,844,814.08	01/28/2015	FD. 39" T POST W/PUNCHMARK
6	577,128.66	8,844,531.74	01/28/2015	FD. 24" T POST W/PUNCHMARK
7	576,472.50	8,844,358.62	01/28/2015	FD. RAILROAD SPIKE IN 8" TREE STUMP
8	575,295.18	8,843,747.51	01/28/2015	FD. 30" T POST W/PUNCHMARK
9	574,659.24	8,842,620.34	01/28/2015	FD. 24" T POST W/PUNCHMARK
10	573,940.52	8,841,837.98	01/28/2015	FD. 39" T POST W/PUNCHMARK
11	573,263.13	8,841,954.30	01/28/2015	FD. 39" T POST W/PUNCHMARK
12	572,352.09	8,842,533.23	01/28/2015	FD. 30" T POST W/PUNCHMARK
13	571,584.61	8,843,205.27	01/28/2015	FD. 30" T POST W/PUNCHMARK
14	570,725.91	8,843,850.42	01/28/2015	FD. 39" T POST W/PUNCHMARK
15	569,727.04	8,844,142.26	01/28/2015	FD. 39" T POST W/PUNCHMARK
16	566,686.27	8,847,465.56	01/28/2015	FD. 30" T POST W/PUNCHMARK
17	565,458.15	8,849,290.07	01/28/2015	FD. 30" T POST W/PUNCHMARK
GPS2	576,827.23	8,844,679.68	01/28/2015	FD. 39" T POST W/PUNCHMARK
GPS3	572,208.52	8,842,768.38	01/28/2015	FD. 39" T POST W/PUNCHMARK
GPS4	567,898.50	8,846,041.68	01/28/2015	FD. 39" T POST W/PUNCHMARK
GPS5	565,124.09	8,850,197.25	01/28/2015	FD. 3" BR. DISK IN CONC., W/PADDLE MKD.: PS AH 555+91.80, POT BK 548+22.56, 60.00'; ODOT DRAWING 9B-1-19
MED502	567,472.98	8,846,279.55	01/28/2015	FD. 3" BR. DISK IN CONC. MKD.: PC 502+49.37, 50.69'; ODOT DRAWING 9B-1-19
MED526	566,053.24	8,848,277.71	01/28/2015	FD. 3" BR. DISK IN CONC. MKD.: PT 526+02.70, 60.2'; ODOT DRAWING 9B-1-19
WB456	571,100.93	8,843,611.74	01/28/2015	FD. 3" BR. DISK IN CONC. W/PADDLE MKD.: P.O.S.T.P. 456+91; ODOT DRAWING 9B-1-19
EB482	568,803.18	8,844,744.38	01/28/2015	FD. 3" BR. DISK SET IN CONC. MKD.: 482+00.90 PC AH, 481+98.82 POT BK 83.21'; ODOT DRAWING 9B-1-19
WB492	568,240.89	8,845,608.33	01/28/2015	FD. 3" BR. DISK IN CONC. MKD.: 492+37.77 POT AH, 492+24.43 PT BK, 83.61'; ODOT DRAWING 9B-1-19

REGISTERED PROFESSIONAL LAND SURVEYOR
 Robert E. Butler
 OREGON JULY 25, 1995
 ROBERT ERICH BUTLER 2733
 EXPIRES: 12/31/2017

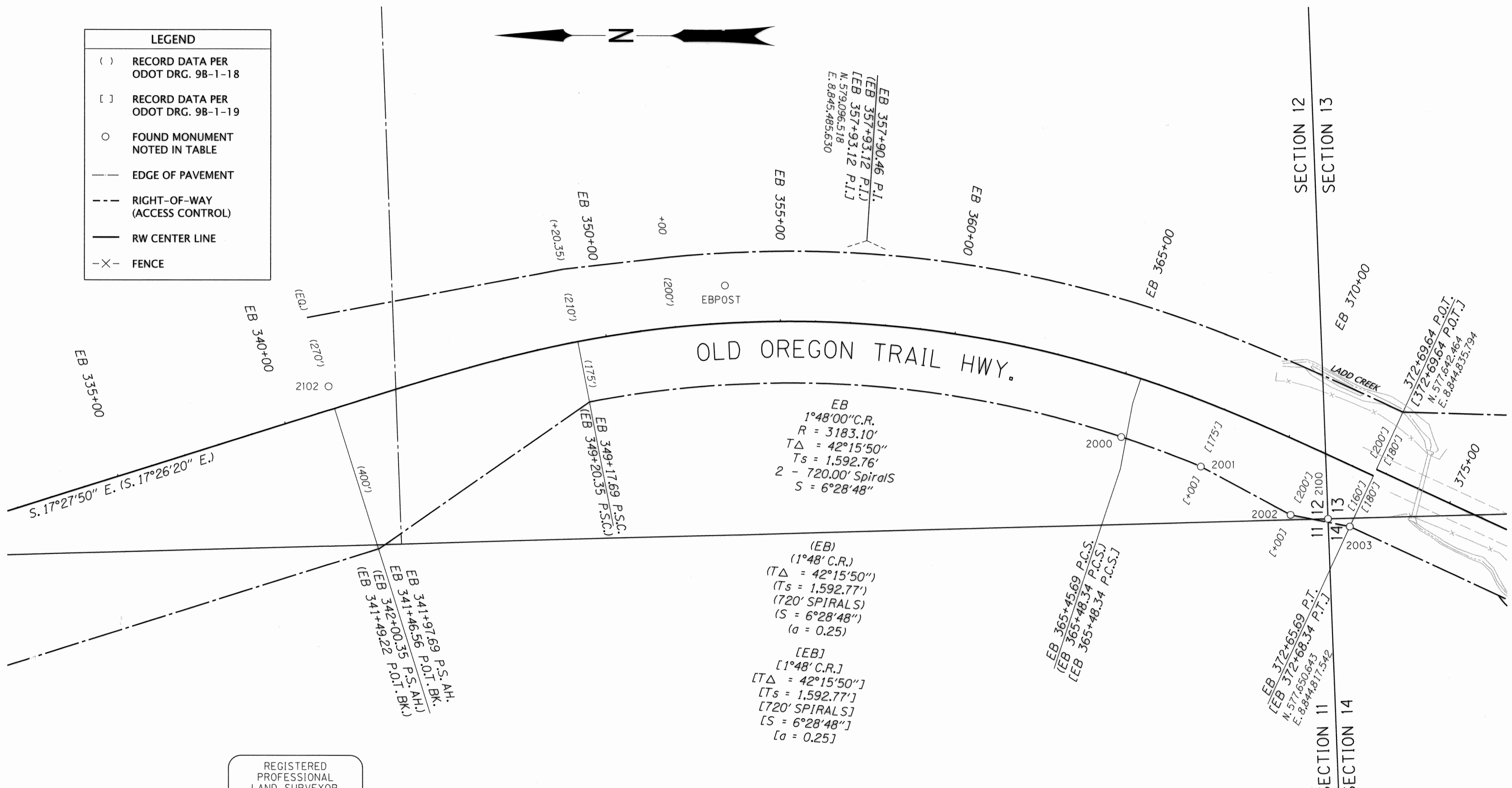
UNION COUNTY SURVEYOR
 Date Received 8/9/17
 Date Filed 8/9/17
 By R. G. Miller
 File No. 034-2017

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 184: LADD CANYON FREIGHT AND CULVERT IMPROVEMENT PROJECT
 OLD OREGON TRAIL HIGHWAY
 UNION COUNTY
 FOR ODOT REGION 5
 3012 ISLAND AVENUE
 LA GRANDE, OR 97850
 JULY 24, 2017
 NO SCALE
 SHEET 1 OF 7

SURVEY NUMBER 034-2017

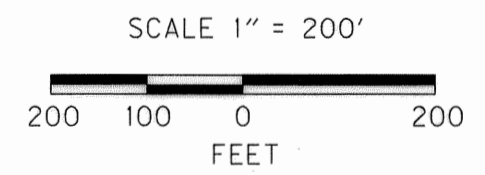
SE 1/4 SEC. 11, SW 1/4 SEC. 12, NW 1/4 SEC. 13, AND NE 1/4 SEC. 14; T. 4 S., R. 38 E., WM.

LEGEND	
()	RECORD DATA PER ODOT DRG. 9B-1-18
[]	RECORD DATA PER ODOT DRG. 9B-1-19
○	FOUND MONUMENT NOTED IN TABLE
---	EDGE OF PAVEMENT
- - -	RIGHT-OF-WAY (ACCESS CONTROL)
—	RW CENTER LINE
-X-	FENCE



REGISTERED PROFESSIONAL LAND SURVEYOR
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 ROBERT ERICH BUTLER
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 BR. = BRASS
 CONC. = CONCRETE
 W/ = WITH
 U.C.R.S. = UNION COUNTY RESTORATION SHEET




RECOVERED MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
2000	578,370.55	8,844,928.04	EB 365+45.05	175.59 RT.	3/03/2015	FD. 5/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: PCS 365+ 8.34, 175 RT; ODOT DPG. 9B-1-18
2001	578,143.29	8,844,843.82	EB 367+99.01	175.59 RT.	3/03/2015	FD. 5/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: POS 368+00, 175' RT; ODOT DRG. 9B-1-18
2002	577,886.99	8,844,705.63	EB 370+96.83	200.38 RT.	3/04/2015	FD. 5/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: PCS 371+00, 200' RT; ODOT DRG. 9B-1-18
2003	577,718.03	8,844,672.42	EB 372+65.39	160.00 RT.	3/04/2015	FD. 5/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: PT 372+68.34, 160' RT; ODOT DRG. 9B-1-18
2100	577,780.08	8,844,694.40	EB 371+99.69	166.06 RT.	2/03/2016	FD. 2 1/2" BR. DISK ON IRON PIPE MKD.: T4S, R38E, S11, S12, S14, S15, PLS 1099, 1991; U.C.R.S.
2102	580,632.83	8,845,070.44	EB 342+00.35	65.00 LT.	2/03/2016	FD. 3" BR. DISK SET IN CONC. MKD.: P.O.T. 65 EQ; ODOT DRAWING 9B-1-18
EBPOST	579,501.94	8,845,358.08	EB 353+47.27	107.50 LT.	5/16/2016	FD. 3" BR. DISK SET IN CONC.; ODOT DRAWING 9B-1-18

UNION COUNTY SURVEYOR
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 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
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 OLD OREGON TRAIL HIGHWAY
 UNION COUNTY

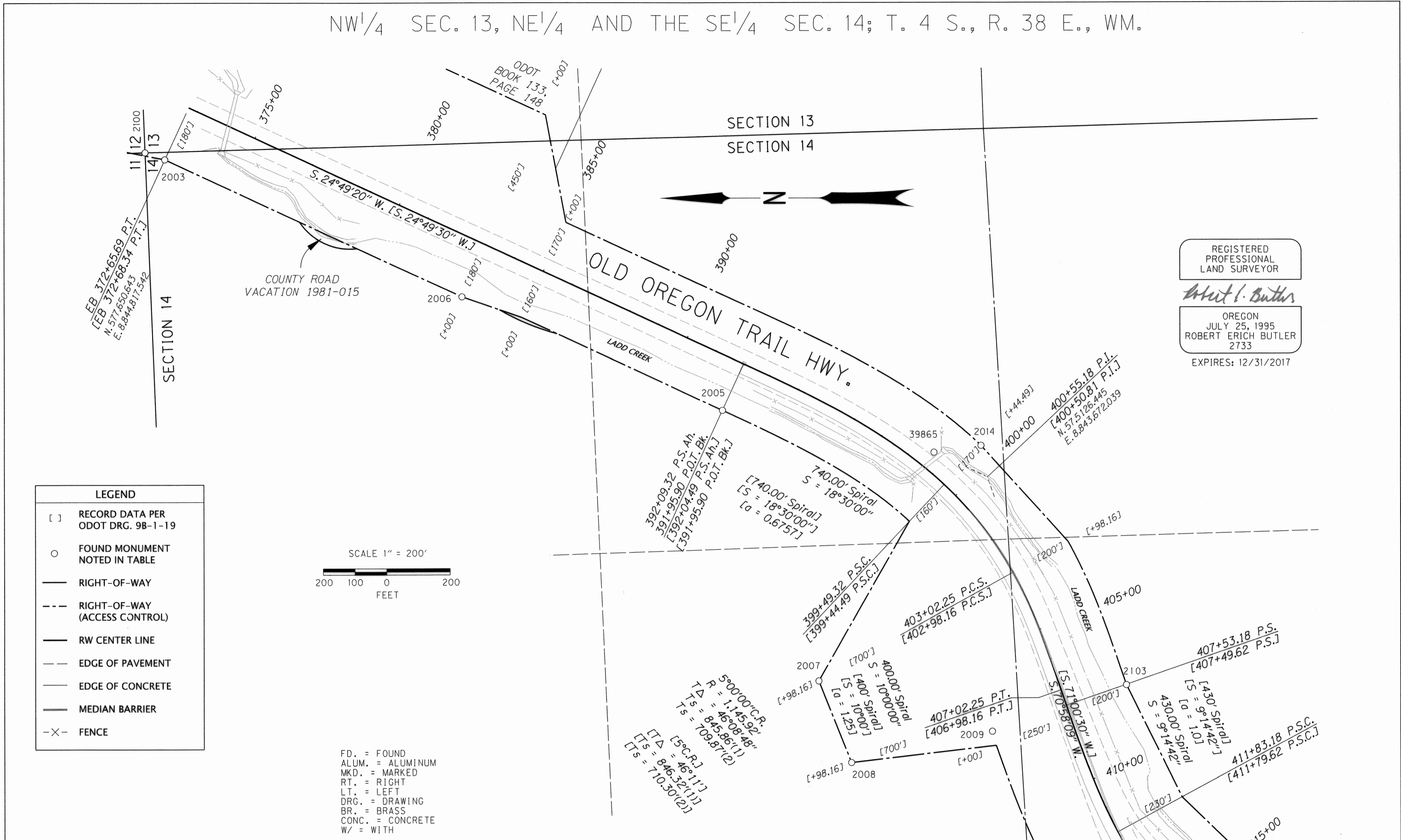


FOR ODOT REGION 5
 3012 ISLAND AVENUE
 LA-GRANDE, OR 97850

JULY 24, 2017
 SCALE: 1" = 200"
 SHEET 2 OF 7

SURVEY NUMBER 034-2017

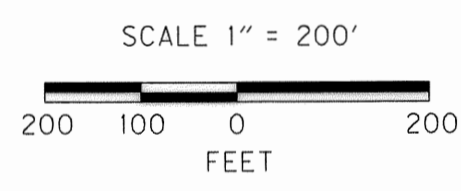
NW¹/₄ SEC. 13, NE¹/₄ AND THE SE¹/₄ SEC. 14; T. 4 S., R. 38 E., WM.



REGISTERED
PROFESSIONAL
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Robert E. Butler
OREGON
JULY 25, 1995
ROBERT ERICH BUTLER
2733
EXPIRES: 12/31/2017

LEGEND

- [] RECORD DATA PER ODOT DRG. 9B-1-19
- FOUND MONUMENT NOTED IN TABLE
- RIGHT-OF-WAY
- - - RIGHT-OF-WAY (ACCESS CONTROL)
- RW CENTER LINE
- - - EDGE OF PAVEMENT
- EDGE OF CONCRETE
- MEDIAN BARRIER
- X- FENCE



FD. = FOUND
ALUM. = ALUMINUM
MKD. = MARKED
RT. = RIGHT
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W/ = WITH

RECOVERED MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
2003	577,718.03	8,844,672.42	372+69.64	180.00 RT.	03/04/2015	FD. 5/8" IRON ROD W/1 1/2" ALUM. CAP; POST & PADDLE MKD.: PT 372+68.34, 160 RT; ODOT DRG. 9B-1-19
2005	575,961.25	8,843,881.58	392+09.53	160.27 RT.	03/04/2015	FD. 5/8" IRON ROD W/1 1/2" ALUM. CAP; POST & PADDLE MKD.: EQ POT 9195.90 BK, AH PS 392+04.49, 160 RT; ODOT DRG. 9B-1-19
2006	576,782.38	8,844,239.30	383+00.67	180.32 RT.	03/04/2015	FD. 5/8" IRON ROD W/1 1/2" ALUM. CAP; POST & PADDLE MKD.: POT 383+00, 180 RT; ODOT DRG. 9B-1-19
2007	575,658.14	8,843,029.88	403+05.14	699.63 RT.	03/04/2015	FD. 5/8" IRON ROD W/1 1/2" ALUM. CAP; POST & PADDLE MKD.: POS 402+98.16, 700 RT; ODOT DRG. 9B-1-19
2008	575,555.63	8,842,772.78	407+02.55	698.96 RT.	03/04/2015	FD. 5/8" IRON ROD W/1 1/2" ALUM. CAP; POST & PADDLE MKD.: PT 406+98.16, 700 RT; ODOT DRG. 9B-1-19
2009	575,111.39	8,842,871.23	407+54.33	246.89 RT.	03/04/2015	FD. 5/8" IRON ROD W/1 1/2" ALUM. CAP; POST & PADDLE MKD.: PS 407+49.62, 250 RT; ODOT DRG. 9B-1-19
2014	575,146.47	8,843,771.30	399+49.25	169.47 LT.	03/05/2015	FD. 5/8" BENT IRON ROD, POST & PADDLE MKD.: PSC 399+44.49, 170 RT; ODOT DRG. 9B-1-19
2100	577,780.08	8,844,694.40	N/A	N/A	02/03/2016	FD. 2 1/2" BR. ON IRON PIPE MKD.: T4S, R38E, S11, S12, S14, S15, PLS 1099, 1991
2103	574,688.90	8,843,016.90	407+54.39	200.00 LT.	02/03/2015	FD. 5/8" IRON ROD; ODOT DRG. 9B-1-19
39865	575,294.70	8,843,749.86	398+60.09	55.66 LT.	05/03/2016	FD. 3/4" BR. DISK SET IN CONCRETE MKD.: "POST", (ODOT DRG. 9B-1-19)

UNION COUNTY
SURVEYOR
Date Received 8/9/17
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By *Neil G. Min*
File No. 034-2017

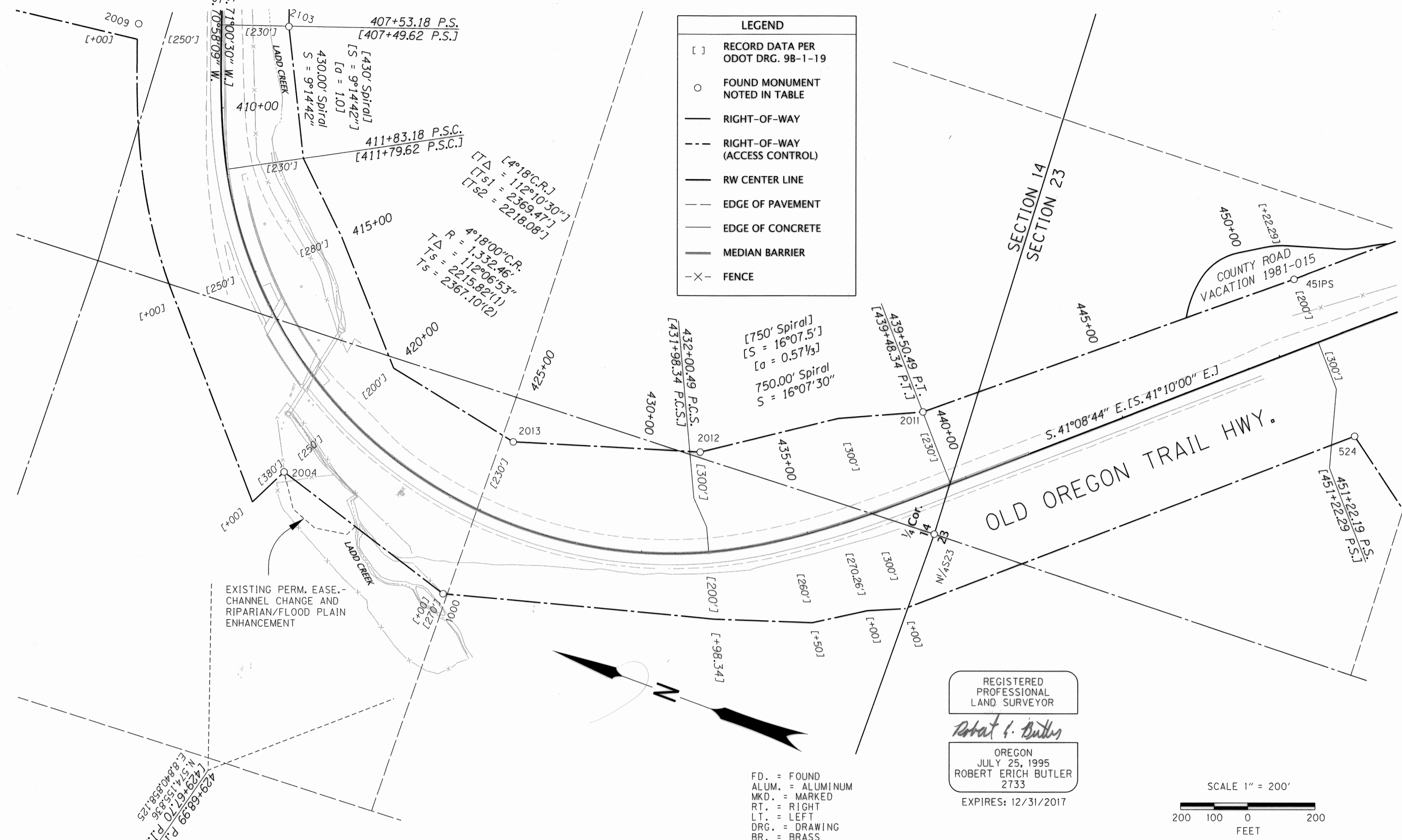
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OLD OREGON TRAIL HIGHWAY
UNION COUNTY
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3012 ISLAND AVENUE
LA GRANDE, OR 97850
JULY 24, 2017
SCALE: 1" = 200'
SHEET 3 OF 7

SURVEY NUMBER 034-2017

SW¹/₄ AND THE SE¹/₄ SEC. 14, NW¹/₄ AND THE NE¹/₄ SEC. 23; T. 4 S., R. 38 E., WM.

LEGEND

- [] RECORD DATA PER ODOT DRG. 9B-1-19
- FOUND MONUMENT NOTED IN TABLE
- RIGHT-OF-WAY
- - - RIGHT-OF-WAY (ACCESS CONTROL)
- RW CENTER LINE
- - - EDGE OF PAVEMENT
- EDGE OF CONCRETE
- MEDIAN BARRIER
- X- FENCE



EXISTING PERM. EASE-CHANNEL CHANGE AND RIPARIAN/FLOOD PLAIN ENHANCEMENT

REGISTERED PROFESSIONAL LAND SURVEYOR
Robert E. Butler
 OREGON
 JULY 25, 1995
 ROBERT ERICH BUTLER
 2733
 EXPIRES: 12/31/2017

SCALE 1" = 200'
 200 100 0 200
 FEET

FD. = FOUND
 ALUM. = ALUMINUM
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 DRG. = DRAWING
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RECOVERED MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
451PS	571,622.58	8,843,336.88	451+21.99	199.78 LT.	01/28/2015	FD. 5/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: PS 451+22.29, 200'; ODOT DRG. 9B-1-19
N/4S23	572,367.83	8,842,258.92	N/A	N/A	01/28/2015	FD. 2 1/2" BR. DISC ON 2 1/2" IRON PIPE MKD.: T4S,R38E, S14/S23, PLS1099, 1981; ODOT DRG. 9B-1-19
1000	573,679.67	8,841,590.46	425+04.96	269.03 RT.	02/03/2015	FD. 5/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: POC 425+00, 270'; ODOT DRG. 9B-1-19
2004	574,248.01	8,841,768.80	420+03.75	250.43 RT.	03/04/2015	FD. 5/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: POC 420+00, 250 RT'
2009	575,111.39	8,842,871.23	407+54.33	246.89 RT.	03/04/2015	FD. 5/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: PS 407+49.62, 250 RT; ODOT DRG. 9B-1-19
2011	572,524.18	8,842,589.22	439+51.12	230.00 LT.	03/04/2015	FD. 5/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: PT 439+48.34, 230 RT; ODOT DRG. 9B-1-19
2012	573,105.77	8,842,249.67	432+00.94	298.86 LT.	03/05/2015	FD. 5/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: POS 431+98.34, 300 LT; ODOT DRG. 9B-1-19
2013	573,638.55	8,842,086.57	425+03.40	228.78 LT.	03/05/2015	FD. 5/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: POC 425+00, 230'; ODOT DRG. 9B-1-19
2103	574,688.90	8,843,016.90	407+54.39	200.00 RT.	02/03/2015	FD. 5/8" IRON ROD; ODOT DRG. 9B-1-19
524	571,293.40	8,842,961.24	451+22.72	299.68 RT.	10/20/2015	FD. 5/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: 451+22.29 PS 300'; ODOT DRG. 9B-1-19

UNION COUNTY SURVEYOR
 Date Received 8/9/17
 Date Filed 8/9/17
 By Neil G. Nunn
 File No. 034-2017

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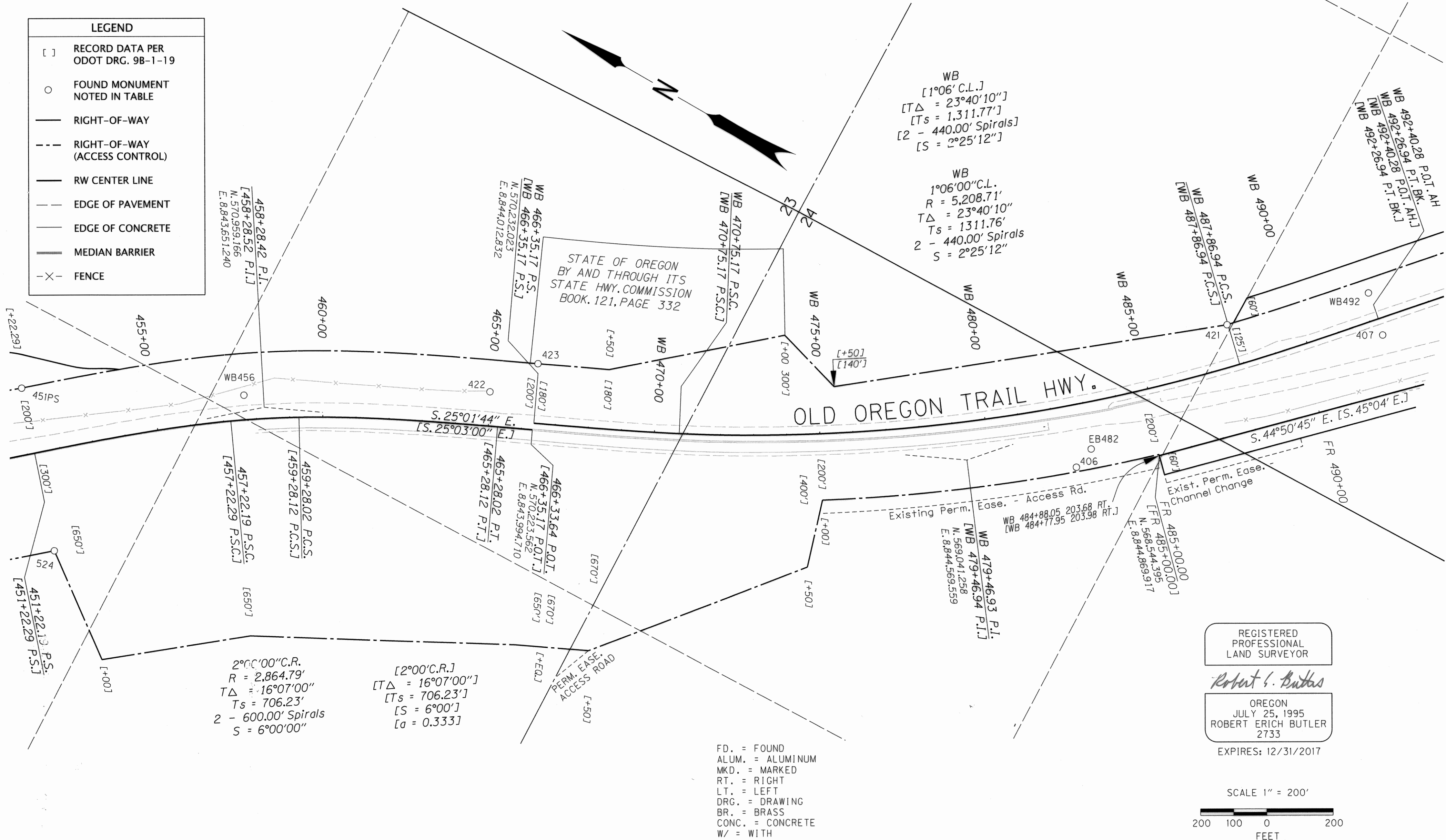
FOR ODOT REGION 5
 3012 ISLAND AVENUE
 LA GRANDE, OR 97850

JULY 24, 2017
 SCALE: 1" = 200'
 SHEET 4 OF 7

SURVEY NUMBER 034-2017

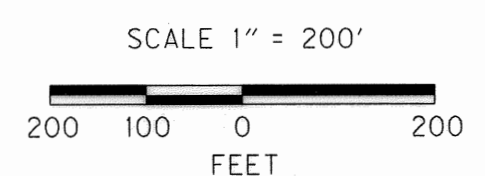
SW¹/₄ SEC. 23, NW¹/₄ AND THE NE¹/₄ SEC. 24; T. 4 S., R. 38 E., WM.

LEGEND	
[]	RECORD DATA PER ODOT DRG. 9B-1-19
○	FOUND MONUMENT NOTED IN TABLE
—	RIGHT-OF-WAY
- - -	RIGHT-OF-WAY (ACCESS CONTROL)
—	RW CENTER LINE
- - -	EDGE OF PAVEMENT
—	EDGE OF CONCRETE
—	MEDIAN BARRIER
-X-	FENCE



FD. = FOUND
 ALUM. = ALUMINUM
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 EXPIRES: 12/31/2017



RECOVERED MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
451PS	571,622.58	8,843,336.88	451+21.99	199.78 LT.	01/28/2015	FD. 5/8" IRON ROD W/1 1/2" ALUM. CAP; POST & PADDLE MKD.; PS 451+22.29, 200'; ODOT DRG. 9B-1-19
524	571,293.40	8,842,961.24	451+22.72	299.68 RT.	05/03/2016	FD. 5/8" IRON ROD W/1 1/2" ALUM. CAP; POST & PADDLE MKD.; 451+22.29 PS 300'; ODOT DRG. 9B-1-19
406	568,744.19	8,844,715.18	WB 482+45.02	186.38 RT.	10/20/2015	FD. 3" BR. DISC SET IN CONC. MKD.; 481+98.82 BK, 482+00.90 PC AH, 149.00'; ODOT DRG. 9B-1-19
407	568,140.48	8,845,520.11	WB 492+23.78	49.99 RT.	10/20/2015	FD. 3" BR. DISC SET IN CONC. MKD.; 495+24.43 BK, 492+37.77 POT AH, 49.85'; ODOT DRG. 9B-1-19
421	568,563.18	8,845,312.92	WB 487+83.81	124.83 LT.	10/20/2015	FD. 5/8" IRON ROD W/1 1/2" ALUM. CAP; POST & PADDLE MKD.; PCS 487+80.94, 125'; ODOT DRG. 9B-1-19
422	570,391.77	8,844,030.21	464+96.44	103.69 LT.	10/20/2015	FD. 3" BR. DISC IN CONC. MKD. P657, 1974; MEASURED ELEV.=3455.51'; ODOT DRG. 9B-1-19
423	570,308.18	8,844,175.93	WB 466+32.54	180.00 LT.	10/20/2015	FD. 5/8" IRON ROD; ODOT DRG. 9B-1-19
WB456	571,100.93	8,843,611.74	456+88.57	81.49 LT.	01/28/2015	FD. 3" BR. DISK IN CONC. W/PADDLE MKD.; P.O.S.T.P. 456+91; ODOT DRG. 9B-1-19; ODOT DRG. 9B-1-19
EB482	568,803.18	8,844,744.38	WB 482+19.58	126.00 RT.	01/28/2015	FD. 3" BR. DISC SET IN CONC. MKD.; 482+00.90 PC AH, 481+98.82 POT BK 83.21'; ODOT DRG. 9B-1-19
WB492	568,240.89	8,845,608.33	WB 492+23.85	83.68 LT.	01/28/2015	FD. 3" BR. DISK IN CONC. MKD.; 492+37.77 POT AH, 492+24.43 PT BK, 83.61'; ODOT DRG. 9B-1-19

UNION COUNTY SURVEYOR
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 By *R. G. Miller*
 File No. 034-2017

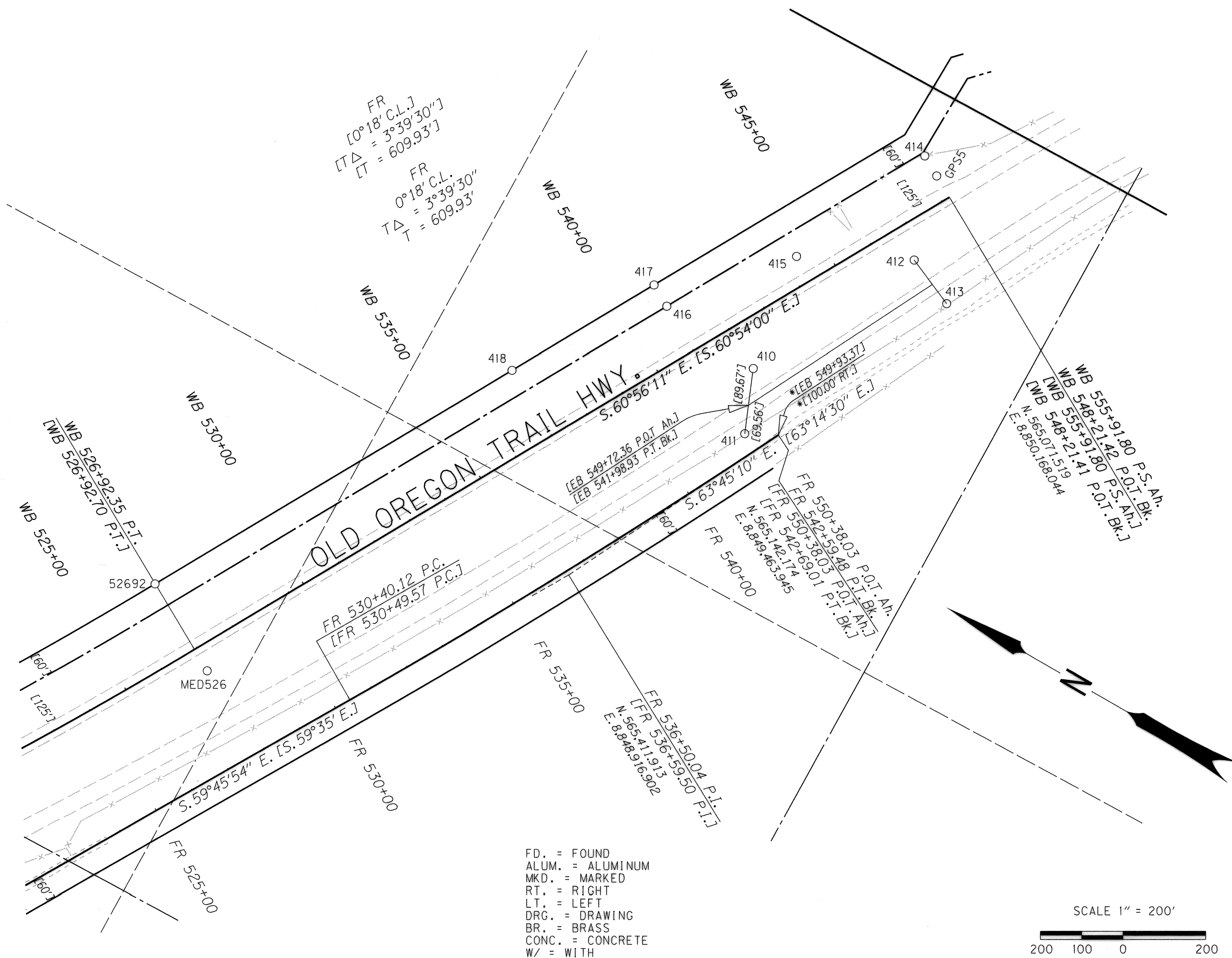
OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 184: LADD CANYON FREIGHT AND CULVERT IMPROVEMENT PROJECT
 OLD OREGON TRAIL HIGHWAY
 UNION COUNTY
 FOR ODOT REGION 5
 3012 ISLAND AVENUE
 LA GRANDE, OR 97850
 JULY 24, 2017
 SCALE: 1" = 200'
 SHEET 5 OF 7

SURVGY NUMBER 034-2017

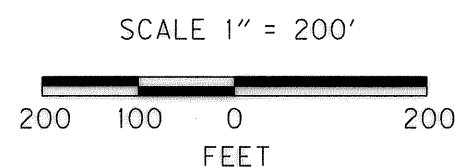
NE 1/4 SECTION 25; T. 4 S., R. 38 E., WM.

LEGEND	
[]	RECORD DATA PER ODOT DRG. 9B-1-19
*()	RECORD DATA PER ODOT PLANS 10V-189
○	FOUND MONUMENT NOTED IN TABLE
—	RIGHT-OF-WAY
- - -	RIGHT-OF-WAY (ACCESS CONTROL)
—	RW CENTER LINE
- - -	EDGE OF PAVEMENT
- - -	EDGE OF GRAVEL
-X-	FENCE

REGISTERED PROFESSIONAL LAND SURVEYOR
Robert L. Butler
 OREGON
 JULY 25, 1995
 ROBERT ERICH BUTLER
 2733
 EXPIRES: 12/31/2017



FD. = FOUND
 ALUM. = ALUMINUM
 MKD. = MARKED
 RT. = RIGHT
 LT. = LEFT
 DRG. = DRAWING
 BR. = BRASS
 CONC. = CONCRETE
 W/ = WITH



RECOVERED MONUMENT LIST

PT. NO.	LDP NORTHING	LDP EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
410	565,275.31	8,849,572.87	WB 542+02.20	110.86 RT.	10/20/2015	FD. 3" BR. DISC SET IN CONC. MKD.: 541+98.93 PT BK, 549+72.31 POT AH, 89.67'; ODOT DRG. 9B-1-19
411	565,214.18	8,849,425.97	WB 541+03.49	235.79 RT.	10/20/2015	FD. 3" BR. DISC SET IN CONC. MKD.: 541+98.93 PT BK, 549+72.36 POT AH, 69.56'; ODOT DRG. 9B-1-19
412	565,069.49	8,849,993.96	WB 546+70.25	86.34 RT.	10/20/2015	FD. 3" BR. DISC SET IN CONC. MKD.: 555+03.92 PS, 73.70'; ODOT DRG. 9B-1-19
413	564,948.46	8,849,942.26	WB 546+83.85	217.25 RT.	10/20/2015	FD. 3" BR. DISC SET IN CONC. MKD.: 555+03.92 PS, 57.95'; ODOT DRG. 9B-1-19
414	565,173.26	8,850,224.59	WB 555+91.80	116.40 LT.	10/20/2015	FD. 3" BR. DISC SET IN CONC. MKD.: 548+22.56 POT BK, 555+91.80 PS AH, 116.40'; ODOT DRG. 9B-1-19
415	565,319.95	8,849,859.01	WB 544+30.62	67.02 LT.	10/20/2015	FD. 3" BR. DISC SET IN CONC. MKD.: P661, 1975; ODOT DRG. 9B-1-19
416	565,531.46	8,849,597.69	WB 540+99.46	124.96 LT.	10/20/2015	FD. 3/8" IRON ROD W/1/2" ALUM. CAP; ODOT DRG. 9B-1-19
417	565,583.93	8,849,626.82	WB 540+99.43	184.98 LT.	10/20/2015	FD. 3/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: POT WB 541+00.41, 185'; ODOT DRG. 9B-1-19
418	565,778.28	8,849,276.70	WB 536+98.98	184.77 LT.	10/20/2015	FD. 3/8" IRON ROD W/1/2" ALUM. CAP; POST & PADDLE MKD.: POT WB 537+00.41, 185'; ODOT DRG. 9B-1-19
52692	566,267.64	8,848,396.49	WB 526+91.88	184.92 LT.	3/19/2015	FD. 3/8" IRON ROD W/OSHD ALUM. CAP; ODOT DRG. 9B-1-19; ODOT DRG. 9B-1-19
GPS5	565,124.09	8,850,197.25	WB 555+91.80	60.14 LT.	1/28/2015	FD. 3" BR. DISK IN CONC., W/PADDLE MKD.: PS AH 555+91.80, POT BK 548+22.56, 60.00'; ODOT DRG. 9B-1-19
MED526	566,053.24	8,848,277.71	WB 526+92.22	60.08 RT.	1/28/2015	FD. 3" BR. DISK IN CONC. MKD. PT 526+02.70, 60.2'; ODOT DRG. 9B-1-19

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