

NW¹/₄ AND THE SW¹/₄ S 36, T 2 N, R 26 E, W.M.

SURVEY NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO MARK ON THE GROUND THE BOUNDARY OF NEWLY ACQUIRED RIGHT OF WAY (RW) FOR THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT). THE RW WAS ACQUIRED FOR A SLOPE STABILIZATION ON THE LEXINGTON - ECHO HIGHWAY IN MORROW COUNTY, OREGON AND IS SHOWN ON ODOT DRAWING OIR-04-1233. FOR THIS PURPOSE WE RECOVERED THE POSITION OF MONUMENTS OF RECORD AND RESOLVED THE RW CENTER LINE FOR A PORTION OF SAID HIGHWAY.

THE LEXINGTON - ECHO HIGHWAY FROM LEXINGTON TO THE EASTERLY MORROW COUNTY LINE WAS ORIGINALLY MORROW COUNTY MARKET ROAD NUMBER 3, AND WAS DESIGNATED AS A SECONDARY OREGON STATE HIGHWAY BY THE HIGHWAY COMMISSION ON DECEMBER 6, 1933 (SEE HIGHWAY COMMISSION MINUTES, PAGE 4500).

TO RESOLVE THE CENTER LINE, POINT 2001 WAS HELD AS BEING ON RW AND AT 60.00' OFFSET FROM CENTER LINE. CENTER LINE STATION 826+00.00 WAS ESTABLISHED AT 60.00' DISTANCE FROM POINT 2003 AND ON LINE BETWEEN POINTS 2002 AND 2003 AS PER ODOT DRAWING 9B-19-9. THE POINT OF CURVE (PC) WAS ESTABLISHED BY CALCULATING THE SEGMENT OF THE TOTAL DELTA OF 27°09' FROM STATION 826+00 BACK TO THE P.C. USING THE RECORD LENGTH OF ARC (L) = 844.00' AND THE RECORD DEGREE OF CURVE (D) = 1°30' FROM BOOT DRAWINGS 6B-17-2 AND 9B-19-9. THE TANGENT LINE WAS EXTENDED BACK FROM THE P.C. TO THE CENTER LINE POINT THAT IS 60.00 FEET OFFSET FROM POINT 2001. THE FORWARD TANGENT WAS PRODUCED USING THE SAID RECORD DELTA ANGLE, LENGTH OF CURVE AND DEGREE OF CURVE. THE SAID CENTER LINE FITS EXISTING ROADWAY WELL.

BASIS OF BEARING AND COORDINATES ARE FROM GPS OBSERVATIONS USING THE OREGON COORDINATE REFERENCE SYSTEM (OCRS), PENDLETON ZONE, NAD83 (2011) EPOCH 2010. THE COORDINATES WERE DERIVED FROM AN ONLINE POSITIONING USER SERVICE (OPUS) SOLUTION OBSERVED AT POINT 188WGS. THE UNITS OF MEASUREMENT ARE IN INTERNATIONAL FEET. THE COORDINATES DEFINE GRID DISTANCES.

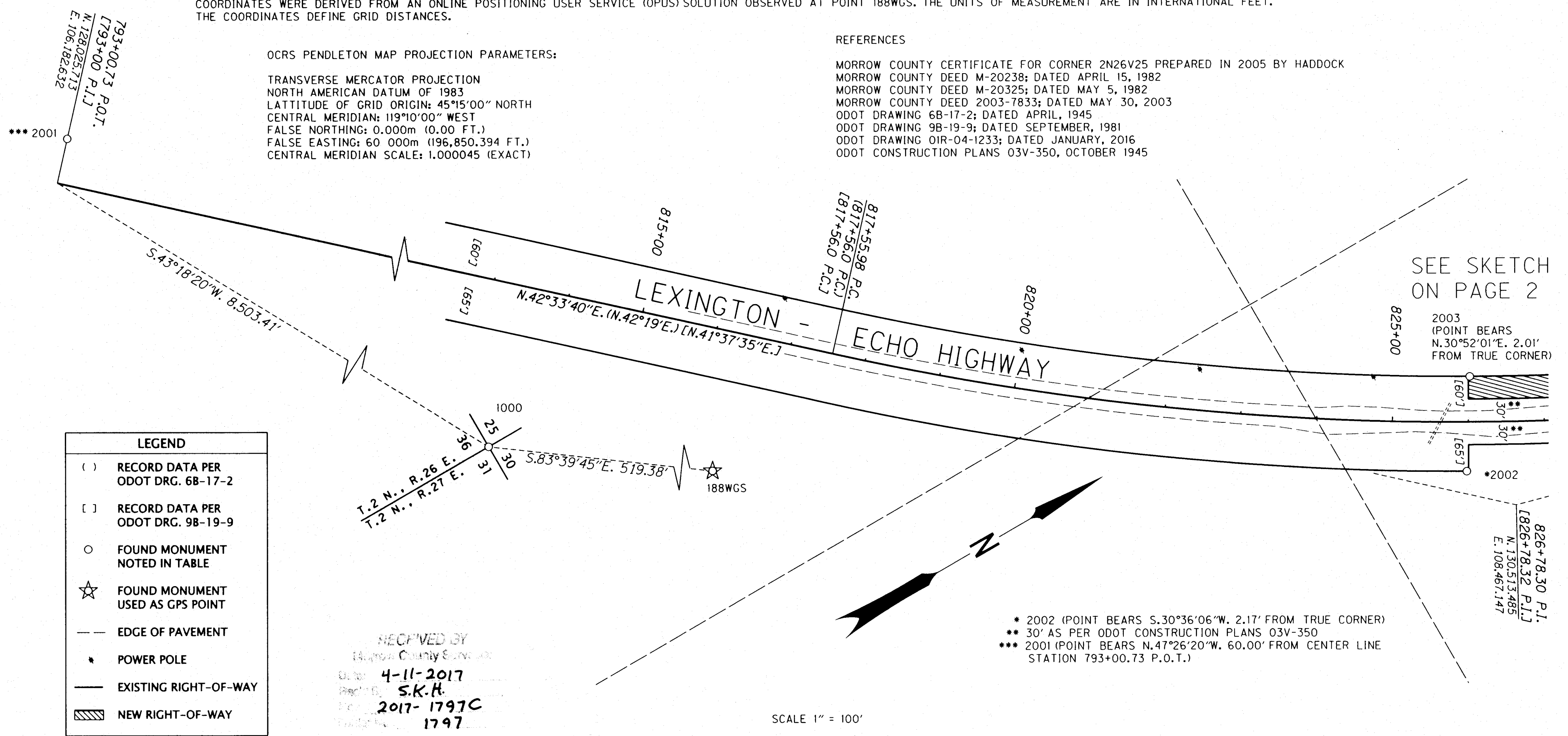
REGISTERED PROFESSIONAL LAND SURVEYOR
Robert E. Butler
 OREGON
 JULY 25, 1995
 ROBERT ERICH BUTLER
 2733
 EXPIRES: 12-31-2017

OCRS PENDLETON MAP PROJECTION PARAMETERS:

TRANSVERSE MERCATOR PROJECTION
 NORTH AMERICAN DATUM OF 1983
 LATITUDE OF GRID ORIGIN: 45°15'00" NORTH
 CENTRAL MERIDIAN: 119°10'00" WEST
 FALSE NORTHING: 0.000m (0.00 FT.)
 FALSE EASTING: 60 000m (196,850.394 FT.)
 CENTRAL MERIDIAN SCALE: 1.000045 (EXACT)

REFERENCES

MORROW COUNTY CERTIFICATE FOR CORNER 2N26V25 PREPARED IN 2005 BY HADDOCK
 MORROW COUNTY DEED M-20238; DATED APRIL 15, 1982
 MORROW COUNTY DEED M-20325; DATED MAY 5, 1982
 MORROW COUNTY DEED 2003-7833; DATED MAY 30, 2003
 ODOT DRAWING 6B-17-2; DATED APRIL, 1945
 ODOT DRAWING 9B-19-9; DATED SEPTEMBER, 1981
 ODOT DRAWING OIR-04-1233; DATED JANUARY, 2016
 ODOT CONSTRUCTION PLANS 03V-350, OCTOBER 1945

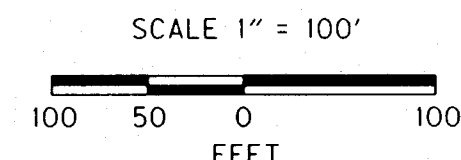


LEGEND

- () RECORD DATA PER ODOT DRG. 6B-17-2
- [] RECORD DATA PER ODOT DRG. 9B-19-9
- FOUND MONUMENT NOTED IN TABLE
- ☆ FOUND MONUMENT USED AS GPS POINT
- EDGE OF PAVEMENT
- POWER POLE
- EXISTING RIGHT-OF-WAY
- ▨ NEW RIGHT-OF-WAY

RECEIVED BY
 Morrow County Surveyor
 Date: 4-11-2017
 Rec'd: S.K.H.
 File: 2017-1797C
 1797

- * 2002 (POINT BEARS S.30°36'06"W. 2.17' FROM TRUE CORNER)
- ** 30' AS PER ODOT CONSTRUCTION PLANS 03V-350
- *** 2001 (POINT BEARS N.47°26'20"W. 60.00' FROM CENTER LINE STATION 793+00.73 P.O.T.)



RECOVERED MONUMENT LIST

PT. NO.	NORTHING	EASTING	STATION	OFFSET	DATE	DESCRIPTION & REFERENCE DOCUMENTS
188WGS	134,156.36	112,531.23	N/A	N/A	09/15/2015	FD. IRON ROD W/2" ALUMINUM CAP MKD.: "IDAHO POWER, 2011"
1000	134,213.70	112,015.02	N/A	N/A	09/15/2015	FD. 2 1/2" BR. DISK MKD.: T2N, R26E, R27E S25 S30 S31 S36, 2005, 56295LS
2001	128,066.30	106,138.44	793+00.73	60.00' LT.	12/15/2015	FD. 5/8" IRON ROD 0.6' UNDER GROUND (ODOT DRG. 9B-19-9)
2002	130,479.30	108,396.39	825+97.86	64.97' RT.	12/15/2015	FD. 5/8" BENT IRON ROD 0.4' UNDER GROUND (ODOT DRG. 9B-19-9)
2003	130,545.21	108,290.16	826+02.04	59.97' LT.	12/15/2015	FD. 5/8" IRON ROD 0.3' UNDER GROUND (ODOT DRG. 9B-19-9)

FD. = FOUND
 MKD. = MARKED
 BR = BRASS
 W/ = WITH
 N/A = NOT APPLICABLE
 LT. = LEFT
 RT. = RIGHT
 DRG. = DRAWING

OREGON DEPARTMENT OF TRANSPORTATION
 RIGHT OF WAY BOUNDARY MONUMENTATION MAP
 HWY 320 MP 15.8 SLOPE SECTION
 LEXINGTON - ECHO HIGHWAY
 MORROW COUNTY

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

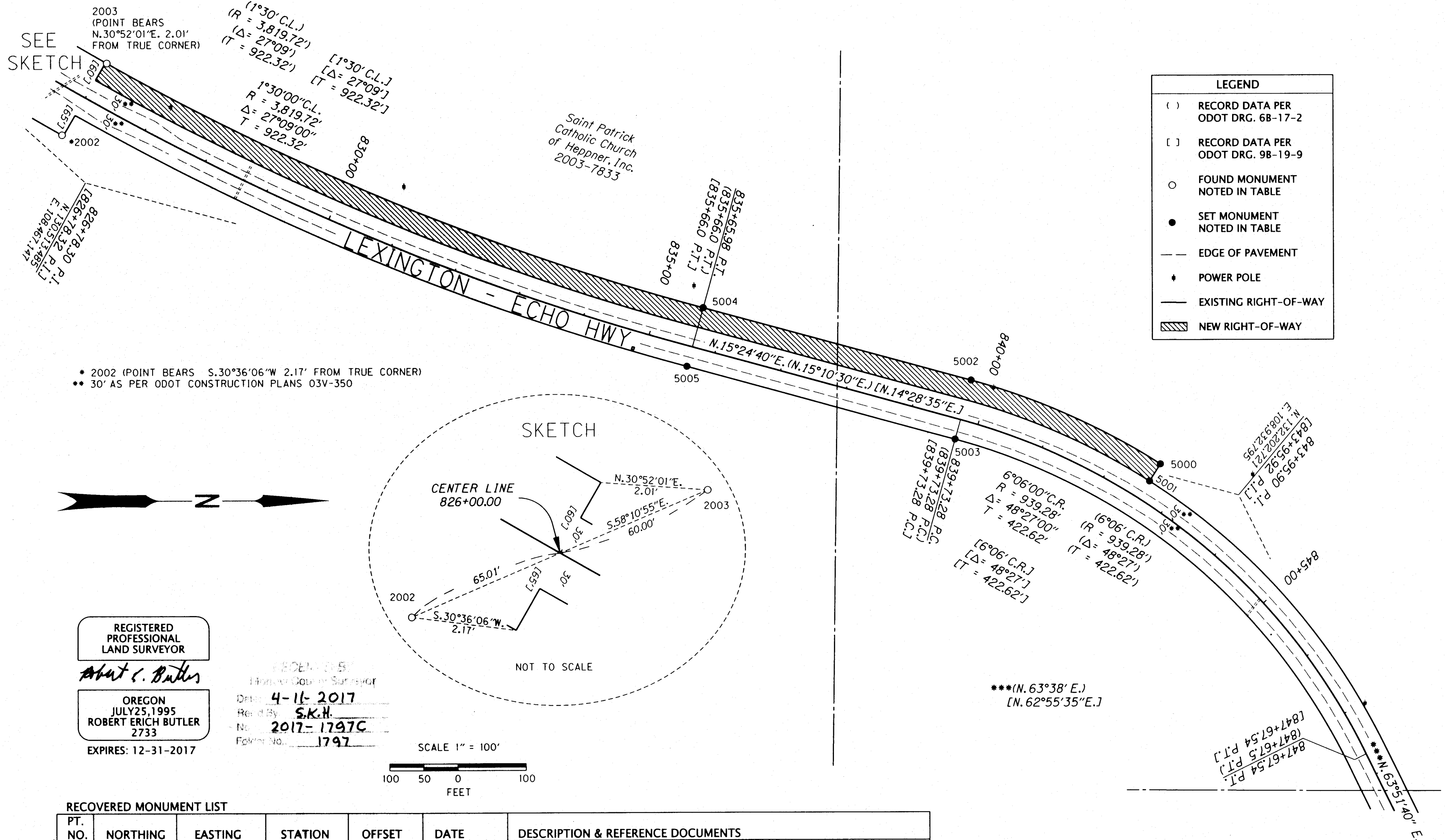
MARCH 1, 2017
 SCALE: 1" = 100'
 SHEET 1 OF 2

1797

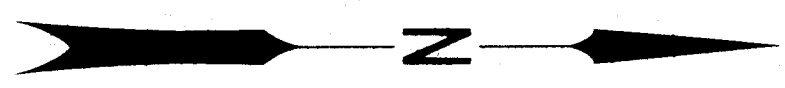
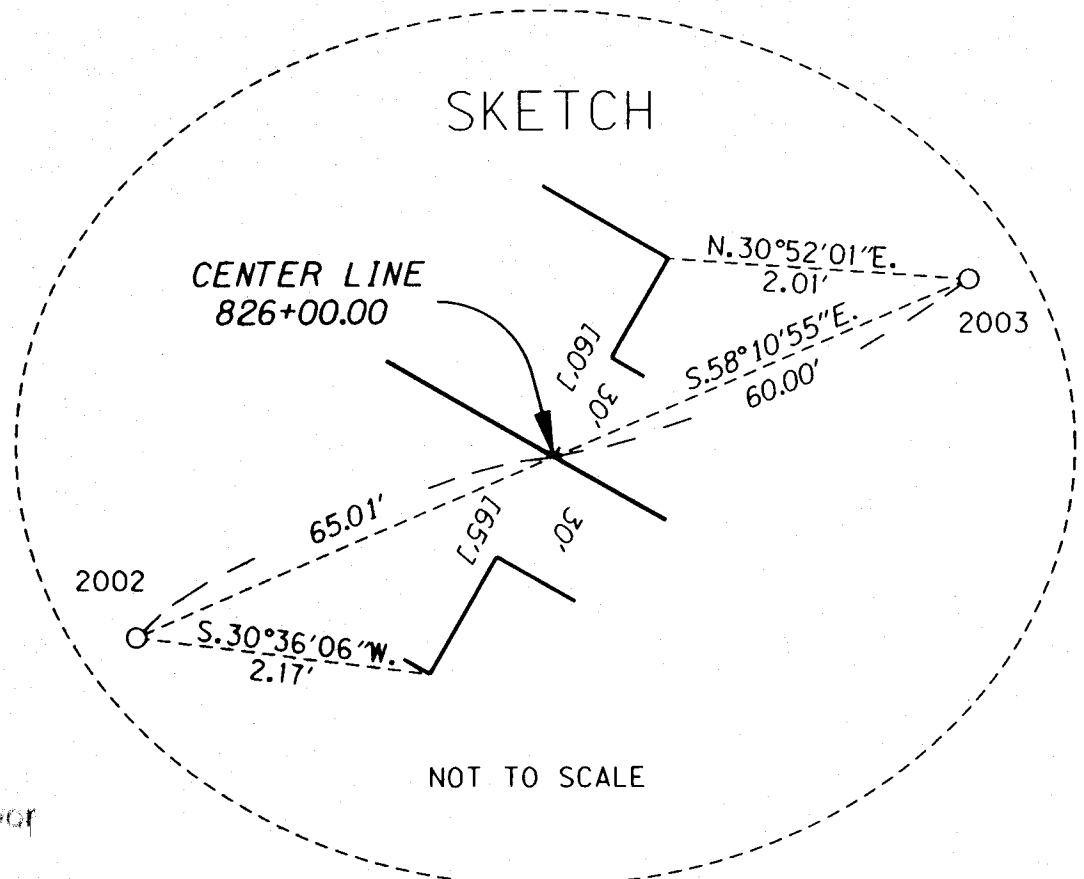
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▨	NEW RIGHT-OF-WAY



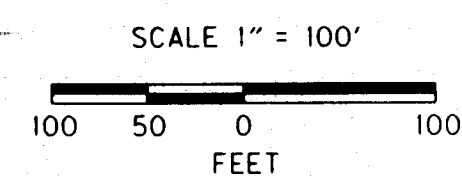
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Robert E. Butler

OREGON
JULY 25, 1995
ROBERT ERICH BUTLER
2733

EXPIRES: 12-31-2017

DATE: 4-11-2017
REVIEWED BY: S.K.H.
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SET MONUMENT LIST ALL MONUMENTS WERE SET BETWEEN 02/02/2017 AND 02/14/2017

PT. NO.	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION & REFERENCE DOCUMENTS
5000	132,088.49	108,886.99	842+60.00	60.00 LT.	SET 5/8" x 30" SMOOTH IRON ROD W/ ODOT ALUMINUM CAP
5001	132,072.19	108,912.18	842+60.00	30.00 LT.	SET 5/8" x 30" SMOOTH IRON ROD W/ ODOT ALUMINUM CAP
5002	131,811.24	108,762.64	839+73.28	60.00 LT.	SET 5/8" x 30" SMOOTH IRON ROD W/ ODOT ALUMINUM CAP
5003	131,787.33	108,849.41	839+73.28	30.00 RT.	SET 5/8" x 30" SMOOTH IRON ROD W/ ODOT ALUMINUM CAP
5004	131,418.59	108,654.41	835+65.98	60.00 LT.	SET 5/8" x 30" SMOOTH IRON ROD W/ ODOT ALUMINUM CAP
5005	131,394.67	108,741.17	835+65.98	30.00 RT.	SET 5/8" x 30" SMOOTH IRON ROD W/ ODOT ALUMINUM CAP

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