

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO MONUMENT THE RECENTLY ACQUIRED RIGHT OF WAY FOR THE US395 CURVE REALIGNMENT PROJECT BY THE OREGON DEPARTMENT OF TRANSPORTATION. THE MONUMENTED RIGHT OF WAY IS BASED UPON MAP OF SURVEY NO. 1996 BY ROBERT ERICH BUTLER, FILED JULY 23, 2014. THIS SURVEY WAS PERFORMED IN INTERNATIONAL FEET UNITS. THIS SURVEY UTILIZED A LOCAL DATUM PLANE (LDP) COORDINATE SYSTEM, WHICH IS RELATIVE TO THE OREGON STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD83 (CORS 96) EPOCH 2002, WITH RESPECT TO THE LOCAL LATITUDE AND GROUND ELEVATION. TO CONVERT THE LDP COORDINATES TO OREGON STATE PLANE, NORTH ZONE, NAD83 (CORS96 EPOCH 2002, MULTIPLY THE COORDINATE VALUES BY A PROJECT COMBINED FACTOR OF 0.99986912. THE BASIS OF BEARINGS WAS ESTABLISHED AS SHOWN ON MAP OF SURVEY NO. 1996, GRANT COUNTY SURVEYOR RECORDS. THE MONUMENTS ESTABLISHED IN THIS SURVEY WERE SET WITH GPS BETWEEN JUNE 24 AND JUNE 30, 2015 BY SETTING THE GPS BASE STATION ON POINT K706 AND STAKING THE MONUMENTS OUT WITH A GS14 ROVER. THE SET MONUMENTS WERE THEN CHECKED WITH GPS UNDER DIFFERENT SATELLITE GEOMETRY. THE SURVEY EQUIPMENT USED CONSISTED OF A LEICA GS14 ROVER AND A LEICA VIVA SURVEY CONTROLLER. ADDITIONAL RIGHT OF WAY WAS ACQUIRED PER DOCUMENT NO. 20140343D, GRANT COUNTY DEED RECORDS.

REFERENCES

OREGON DEPARTMENT OF TRANSPORTATION (ODOT OR STATE HIGHWAY DEPARTMENT/DIVISION) DRAWINGS:

M1= DWG. NO. 6B-03-0006, LOCATED LINE - SODA MTN. TO SILVIES SECTION, DEC. 1941
M2= DWG. NO. 10B-07-0025, DEC. 1999
M3= DWG. NO. 1R-02-1446, JAN. 1944
M4= DWG. NO. 1R-02-1471, OCT. 1944
M5= DWG. NO. 11B-07-0003, JUN. 2013

GRANT COUNTY SURVEYOR RECORDS:

S1= MAP OF SURVEY NO. 1996 BY ROBERT ERICH BUTLER FILED JULY 23, 2014
S2= DEPENDENT RESURVEY, BY BUREAU OF LAND MANAGEMENT, SURVEY NO. 752, DATED 1987

GRANT COUNTY DEED RECORDS:

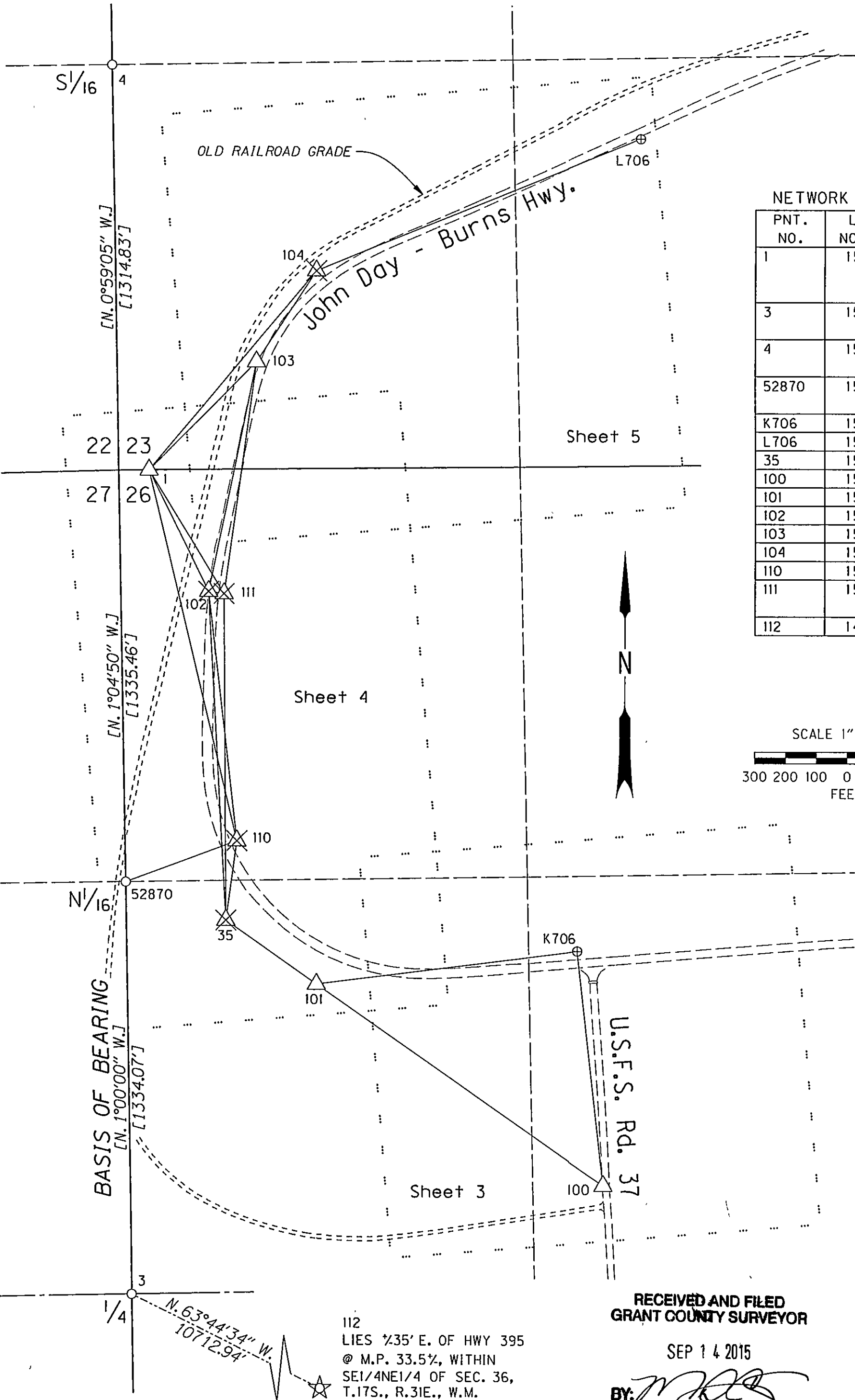
R1. WARRANTY DEED 20140343D
R2. RECORDS VOLUME 45, PAGE 230

NATIONAL GEODETIC SURVEY (NGS) RECORDS:
(PID = POINT IDENTIFICATION)

OC0791= NGS PID OC0791
OC0792= NGS PID OC0792

OTHER RECORDS / INSTRUMENTS / DOCUMENTS:

D1= ODOT RIGHT OF WAY FILE 9948
D2= " " " " FILE RW6865
D3= " " " " FILE RW8076
D4= FEDERAL WORKS AGENCY CONSTRUCTION PLANS 35FV-14



NETWORK POINT COORDINATE TABLE				
PNT. NO.	L.D.P. NORTHING	L.D.P. EASTING	DATE	DESCRIPTION (ORIGIN REFERENCE 1, SEE SHEET 1 TABLE)
1	153105.64	8603660.44	9/28/2010	FD. 3-1/2" B.L.M. BR. CAP W.C., ON PIPE EXTENDING 10" ABOVE GRD., MKD.: "WC, T17S, R31E, S22/S23/S27/S26, 1979", LIES N. 89°19'13" E. 98.34' OF TRUE SECTION CORNER (S2)
3	150435.37	8603610.51	10/05/2010	FD. 3-1/2" B.L.M. BR. CAP ON PIPE EXTENDING 4" ABOVE GRD. MKD.: "T17S, R31E, 1/4, S27/S26, 1979" (S2)
4	154419.10	8603539.45	10/04/2010	FD. 3-1/2" B.L.M. BR. CAP ON PIPE EXTENDING 10" ABOVE GRD. MKD.: "T17S, R31E, 1/16, S22/S23, 1979" (S2)
52870	151769.24	8603587.23	9/28/2010	FD. 3-1/2" B.L.M. BR. CAP ON PIPE EXTENDING 10" ABOVE GRD. MKD.: "T17S, R31E, N1/16, S27/S26, 1979" (S2)
K706	151549.84	8605056.43	9/28/2010	FD. B.M., TITANIUM ROD IN MON. BOX (OC0791)
L706	154185.63	8605259.31	9/29/2010	FD. B.M., BR. DISK IN ROCK OUTCROP (OC0792)
35	151645.91	8603912.44	N/A	DESTROYED BR. DISK MKD.: "35+169" (UNKNOWN)
100	150792.07	8605142.49	9/28/2010	FD. MAGNAIL (S1)
101	151439.57	8604207.01	9/28/2010	FD. 1/2" SQ. IRON ROD W/ 1-1/2" ALUM. CAP, FLUSH W/ GRAVEL (S1)
102	152711.21	8603854.38	N/A	DESTROYED 1/2" SQ. IRON ROD W/ 1-1/2" ALUM. CAP, (S1)
103	153457.55	8604008.14	9/29/2010	FD. 1/2" SQ. IRON ROD W/ 1-1/2" ALUM. CAP (S1)
104	153753.00	8604202.95	N/A	DESTROYED 1/2" SQ. IRON ROD W/ 1-1/2" ALUM. CAP, (S1)
110	151904.14	8603948.00	N/A	DESTROYED HUB & TACK, (S1)
111	152703.87	8603904.30	N/A	DESTROYED 1/2" SQ. IRON ROD W/ 1-1/2" ALUM. CAP MKD.: "ODOT, 111, 2010" (S1)
112	145695.93	8613218.04	10/27/2010	FD. 1/2" SQ. IRON ROD W/ ALUM. CAP MKD.: "ODOT, 112, 2010" (S1)

ABBREVIATIONS

ALUM. = ALUMINUM
B.L.M. = BUREAU OF LAND MANAGEMENT
B.M. = BENCHMARK
BR. = BRASS
DWG. = DRAWING
FD. = FOUND
GRD. = GROUND
HWY. = HIGHWAY
L.D.P. = LOCAL DATUM PLANE
MKD. = MARKED
MON. = MONUMENT
PNT. = POINT
SEC. = SECTION
SQ. = SQUARE
T./R. = TOWNSHIP/RANGE
W.C. = WITNESS CORNER
W.M. = WILLAMETTE MERIDIAN
W/ = WITH

LEGEND

☆ FOUND GPS STATION
⊕ FOUND BENCHMARK
○ FOUND MONUMENT
△ FOUND NETWORK POINT
× DESTROYED
— OBSERVATION LINES
- - - BEARING & DISTANCE TIE
- - - - PAVEMENT EDGE
- - - - - EDGE OF GRAVEL/BALLAST
[] = RECORD DATA AS PER S1, SEE SHEET 1 REFERENCE TABLE

KEY NO.: 14674
DRAWN: F. J. SCHAD

RECEIVED AND FILED
GRANT COUNTY SURVEYOR

SEP 14 2015

BY: [Signature]

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
JANUARY 14, 2003
BRET N. ELITHORP
63148

RENEWS DEC. 31, 2015

OREGON DEPARTMENT OF TRANSPORTATION
RIGHT-OF-WAY BOUNDARY MONUMENTATION MAP
FFO - US395 CURVE REALIGNMENT
JOHN DAY - BURNS HIGHWAY NO. 48 (U.S. HWY. 395)
MILEPOINT 31
GRANT COUNTY

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

SEPTEMBER 8, 2015
SCALE: 1 in. = 300 ft.
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