

NE 1/4 SEC. 12, T. 3 S., R. 36 E., W.M.

SURVEY NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RESOLVE A PORTION OF THE UKIAH - HILGARD HIGHWAY AS PART OF THE OR244: WHISKEY CREEK CULVERT PROJECT.

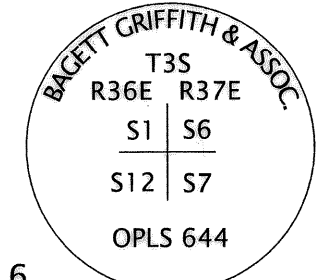
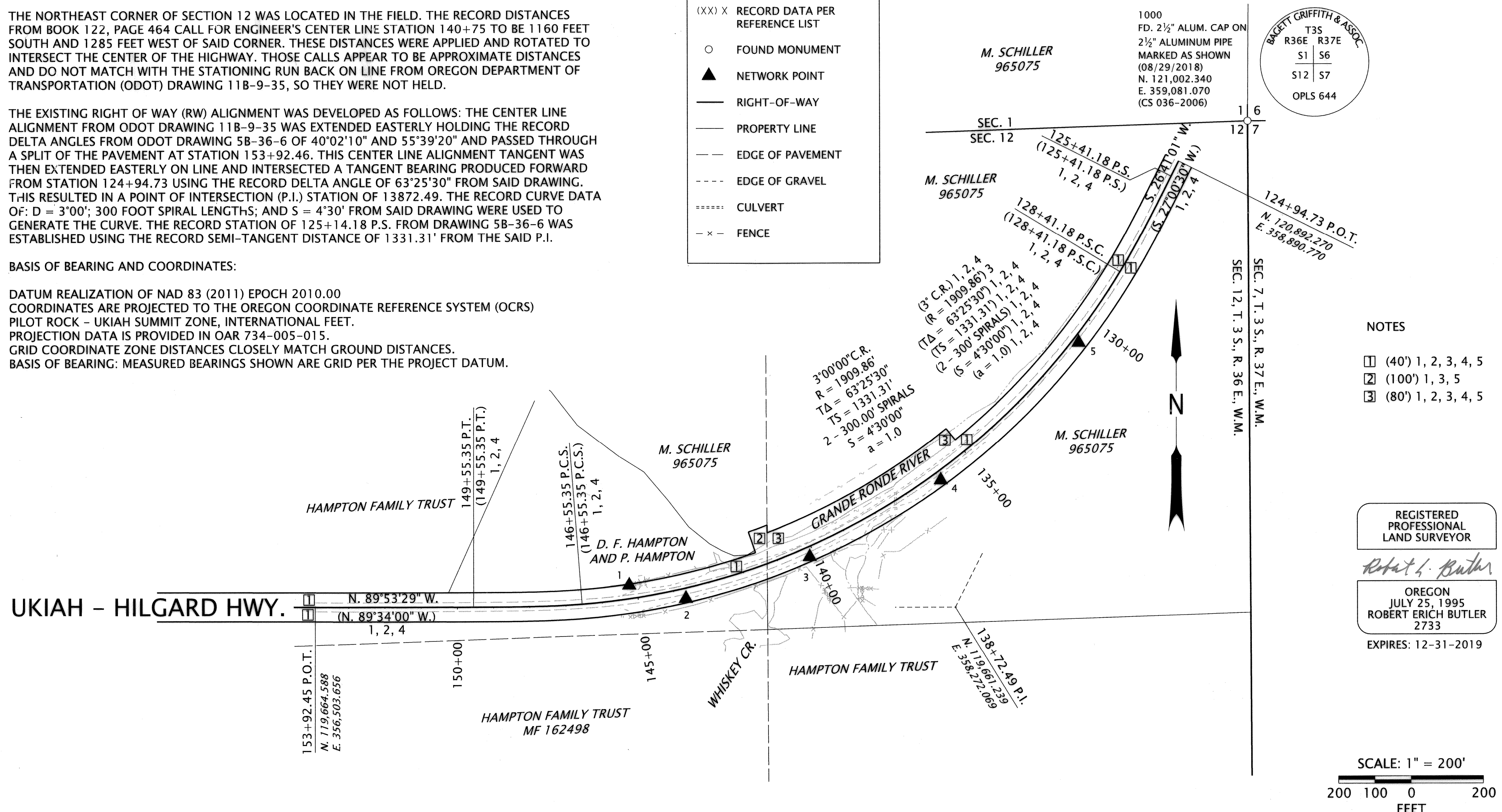
THE NORTHEAST CORNER OF SECTION 12 WAS LOCATED IN THE FIELD. THE RECORD DISTANCES FROM BOOK 122, PAGE 464 CALL FOR ENGINEER'S CENTER LINE STATION 140+75 TO BE 1160 FEET SOUTH AND 1285 FEET WEST OF SAID CORNER. THESE DISTANCES WERE APPLIED AND ROTATED TO INTERSECT THE CENTER OF THE HIGHWAY. THOSE CALLS APPEAR TO BE APPROXIMATE DISTANCES AND DO NOT MATCH WITH THE STATIONING RUN BACK ON LINE FROM OREGON DEPARTMENT OF TRANSPORTATION (ODOT) DRAWING 11B-9-35, SO THEY WERE NOT HELD.

THE EXISTING RIGHT OF WAY (RW) ALIGNMENT WAS DEVELOPED AS FOLLOWS: THE CENTER LINE ALIGNMENT FROM ODOT DRAWING 11B-9-35 WAS EXTENDED EASTERLY HOLDING THE RECORD DELTA ANGLES FROM ODOT DRAWING 5B-36-6 OF 40°02'10" AND 55°39'20" AND PASSED THROUGH A SPLIT OF THE PAVEMENT AT STATION 153+92.46. THIS CENTER LINE ALIGNMENT TANGENT WAS THEN EXTENDED EASTERLY ON LINE AND INTERSECTED A TANGENT BEARING PRODUCED FORWARD FROM STATION 124+94.73 USING THE RECORD DELTA ANGLE OF 63°25'30" FROM SAID DRAWING. THIS RESULTED IN A POINT OF INTERSECTION (P.I.) STATION OF 13872.49. THE RECORD CURVE DATA OF: D = 3°00'; 300 FOOT SPIRAL LENGTHS; AND S = 4°30' FROM SAID DRAWING WERE USED TO GENERATE THE CURVE. THE RECORD STATION OF 125+14.18 P.S. FROM DRAWING 5B-36-6 WAS ESTABLISHED USING THE RECORD SEMI-TANGENT DISTANCE OF 1331.31' FROM THE SAID P.I.

BASIS OF BEARING AND COORDINATES:

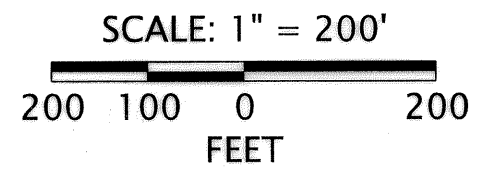
DATUM REALIZATION OF NAD 83 (2011) EPOCH 2010.00
 COORDINATES ARE PROJECTED TO THE OREGON COORDINATE REFERENCE SYSTEM (OCRS)
 PILOT ROCK - UKIAH SUMMIT ZONE, INTERNATIONAL FEET.
 PROJECTION DATA IS PROVIDED IN OAR 734-005-015.
 GRID COORDINATE ZONE DISTANCES CLOSELY MATCH GROUND DISTANCES.
 BASIS OF BEARING: MEASURED BEARINGS SHOWN ARE GRID PER THE PROJECT DATUM.

LEGEND	
(XX) X	RECORD DATA PER REFERENCE LIST
○	FOUND MONUMENT
▲	NETWORK POINT
—	RIGHT-OF-WAY
—	PROPERTY LINE
- - -	EDGE OF PAVEMENT
- - - -	EDGE OF GRAVEL
-----	CULVERT
- x -	FENCE



- NOTES
- (40') 1, 2, 3, 4, 5
 - (100') 1, 3, 5
 - (80') 1, 2, 3, 4, 5

REGISTERED PROFESSIONAL LAND SURVEYOR
Robert L. Butler
 OREGON
 JULY 25, 1995
 ROBERT ERICH BUTLER
 2733
 EXPIRES: 12-31-2019



REFERENCES:

1. OREGON DEPARTMENT OF TRANSPORTATION DRAWING 5B-36-6; APRIL, 1950
2. OREGON DEPARTMENT OF TRANSPORTATION CONSTRUCTION PLANS 4V-144, JUNE, 1950
3. UNION COUNTY RECORD OF DEEDS: BOOK 122, PAGE 464; AUGUST 10, 1950
4. OREGON DEPARTMENT OF TRANSPORTATION DRAWING 7B-3-11; SEPTEMBER, 1950
5. UNION COUNTY RECORD OF DEEDS: BOOK 124, PAGE 12; JANUARY 11, 1951
6. UNION COUNTY SURVEY 028-1992; NOVEMBER 27, 1992
7. UNION COUNTY SURVEY 027-1996; JULY 10, 1996
8. UNION COUNTY SURVEY 036-2006; NOVEMBER 3, 2006
9. OREGON DEPARTMENT OF TRANSPORTATION DRAWING 11B-9-35; MAY, 2018

NETWORK POINT COORDINATE TABLE

PT. NO.	NORTHING	EASTING	DATE	DESCRIPTION
1	119,722.99	357,370.74	08/29/2018	SET 5/8\"
2	119,686.47	357,527.41	08/29/2018	SET 5/8\"
3	119,801.07	357,870.13	08/29/2018	SET 5/8\"
4	120,012.18	358,232.26	08/29/2018	SET 5/8\"
5	120,390.65	358,613.51	08/29/2018	SET 5/8\"

W/RPC = WITH RED PLASTIC CAP
 MKD. = MARKED

UNION COUNTY SURVEYOR
 Date Received 11/14/18
 Date Filed 11/14/18
 By *Rich Gilman*
 File No. 047-2018

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 OR244: WHISKEY CREEK CULVERT REPLACEMENT
 UKIAH - HILGARD HIGHWAY
 UNION COUNTY

FOR ODOT REGION 5
 3012 ISLAND AVENUE
 LA GRANDE, OREGON 97850 KEY NO. 20456

NOVEMBER 6, 2018
 SCALE: 1" = 200'
 SHEET 1 OF 1

SURVEY NUMBER 047-2018