

NARRATIVE

THE PURPOSE OF THIS MAP IS TO SHOW MONUMENTS SET ON RIGHT-OF-WAY ACQUIRED BY DOUGLAS COUNTY ON THE NORTHERLY SIDE OF OLALLA ROAD (COUNTY ROAD NUMBER 38) PER INSTRUMENT NUMBERS 2016-12674 AND 2016-12676, DOUGLAS COUNTY DEED RECORDS. THE REASON FOR THE RIGHT-OF-WAY ACQUISITION WAS FOR BRIDGE RECONSTRUCTION OVER OLALLA CREEK, WHICH REQUIRED REALIGNMENT OF THE COUNTY ROAD. THE ORIGINAL RIGHT-OF-WAY WAS CALCULATED USING RECORD INFORMATION AND A FOUND MONUMENT ON THE NORTHERLY SIDE OF THE PROJECT AS FOLLOWS:

1. THE ORIGINAL CENTERLINE FROM THE COUNTY ROAD PLANS (SHEET NUMBERS 02310292 AND 02920354) WAS RE-CREATED USING RECORD INFORMATION FROM SAID PLANS.
2. RECORD MONUMENTS SHOWN ON SAID COUNTY ROAD PLANS WERE FOUND AND TIED. SEE PRE-CONSTRUCTION MONUMENT LOCATE SURVEY (COUNTY ROAD NO. 47, SHEET #02680297, DOUGLAS COUNTY SURVEY RECORDS) FOR ALL RECORD MONUMENTS FOUND & STATE PLANE COORDINATES.
3. DUE TO THE LACK OF RECORD MONUMENTS FOUND EITHER SIDE OF THE EXISTING RIGHT-OF-WAY ALONG THE PROJECT, THE EXISTING CENTERLINE OF THE ROAD WAS SURVEYED AND USED TO POSITION THE RECORD CENTERLINE PER SAID COUNTY ROAD PLANS ON THE NORTHEASTERLY END OF THE PROJECT AT STATION 144+83.9 AND THE SOUTHWESTERLY END OF THE PROJECT AT STATION 153+64.1. THE ONE MONUMENT FOUND ALONG THE NORTHERLY RIGHT-OF-WAY PER M154-59 AGREES WITH THIS POSITIONING OF RECORD CENTERLINE.
4. THE NEW RIGHT-OF-WAY WAS THEN MONUMENTED USING STATIONS AND OFFSETS FROM THE CONSTRUCTION CENTERLINE AS SHOWN.

THE CONSTRUCTION CENTERLINE SHOWN WAS CALCULATED PER DESIGN REQUIREMENTS FROM OUR CLIENT. IT MATCHES THE 1955 COUNTY ROAD CENTERLINE FOR STATION AND LOCATION AT STATION 157+36.54 ON THE SOUTHWESTERLY END AND AGAIN AT STATION 165+65.19 ON THE NORTHEASTERLY END. THIS SURVEY WAS PERFORMED BY JEREMY LEONARD AND NOLAN FROMDAHL USING TOPCON GPS AND TOTAL STATION EQUIPMENT AND A TDS RANGER DATA COLLECTOR. OFFICE CALCULATIONS AND DRAFTING PERFORMED BY DEREK FEIGEL. THE BASIS OF BEARINGS FOR THIS SURVEY IS THE OREGON STATE PLANE COORDINATE SYSTEM (SOUTH ZONE) USING THE NAD 83 (2011) EPOCH 2010.00 DATUM REALIZATION PER THE O.R.G.N. (OREGON REAL-TIME GNSS NETWORK).

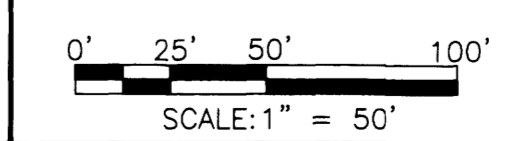
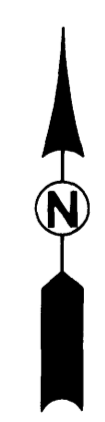
SCALE FACTOR = .9998958
 CONVERGENCE ANGLE = -2°04'11.11"

CURVE TABLE					
CURVE	CHORD BEARING	CHORD LENGTH	RADIUS	CURVE LENGTH	DELTA
C1	N71°55'52"E	126.85'	1909.86'	126.87'	3°48'22"
C2	N50°11'58"E	108.13'	301.56'	108.72'	20°39'26"
C3	N50°52'25"E	279.39'	358.10'	287.00'	45°55'15"

LINE TABLE	
LINE	COURSE
1	N57°13'58"E 42.29'
2	N60°30'15"E 65.61'
3	N05°35'30"W 5.79'
4	N05°35'29"W 23.49' ((N04°36'50"W 23.61'))

LEGEND

- FOUND 5/8" IRON ROD PER M154-59
- SET 5/8" x 30" IRON ROD w/YELLOW PLASTIC CAP STAMPED "IE ENGINEERING"
- △ CALCULATED POINT - NO MONUMENT SET
- () STATION OR RECORD INFO. PER 1955 COUNTY ROAD PLANS (COUNTY ROAD NO. 38 - SHEET NUMBER 02310292 & 02920354)
- (()) RECORD PER M154-59
- (C) CONSTRUCTION CENTERLINE STATIONING
- (O) ORIGINAL (1955) CENTERLINE STATIONING

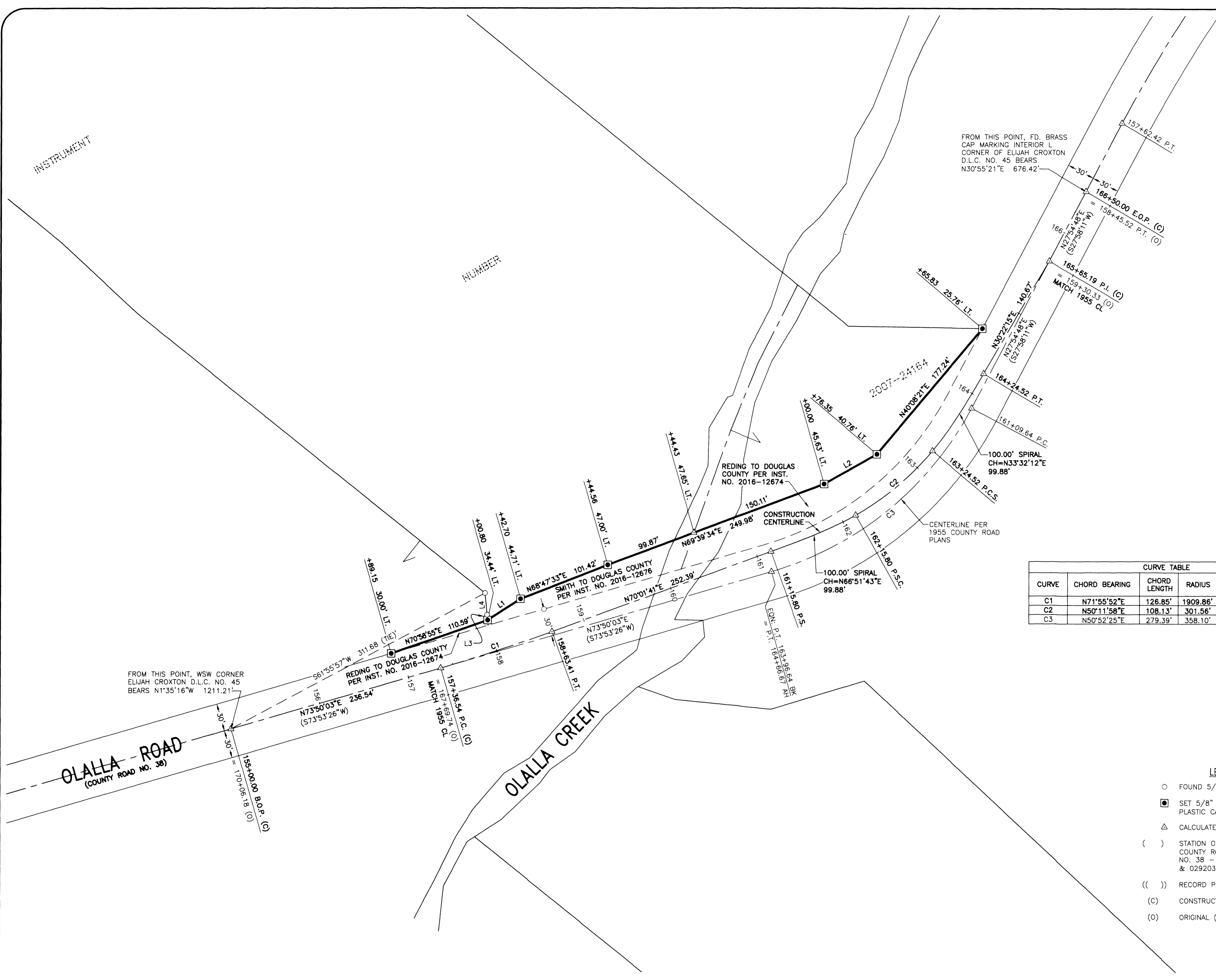


CO. RD. 38 MP 2.68-2.97

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

 OREGON
 JULY 14, 1978
 RONALD A. GUMBAY
 1954
 EXPIRES: 12/31/18

 809 SE Pine Street Roseburg, Oregon 97470 PHONE (541) 673-0166 FAX (541) 440-9392 email@ieengineering.com	SURVEYED FOR: DAVID EVANS & ASSOCIATES 530 CENTER ST. N.E. STE 605 SALEM, OR 97301	PAGE: 1 OF 1 JOB NO: 2467-07 DATE: SEPT., 2017	COUNTY ROAD NO. 38 / OLALLA ROAD LOCATED IN THE EAST HALF OF SECTION 4, TOWNSHIP 29 SOUTH, RANGE 7 WEST, WILLAMETTE MERIDIAN, DOUGLAS COUNTY, OREGON
	BRG22544		



INSTRUMENT

NUMBER

BRG22544