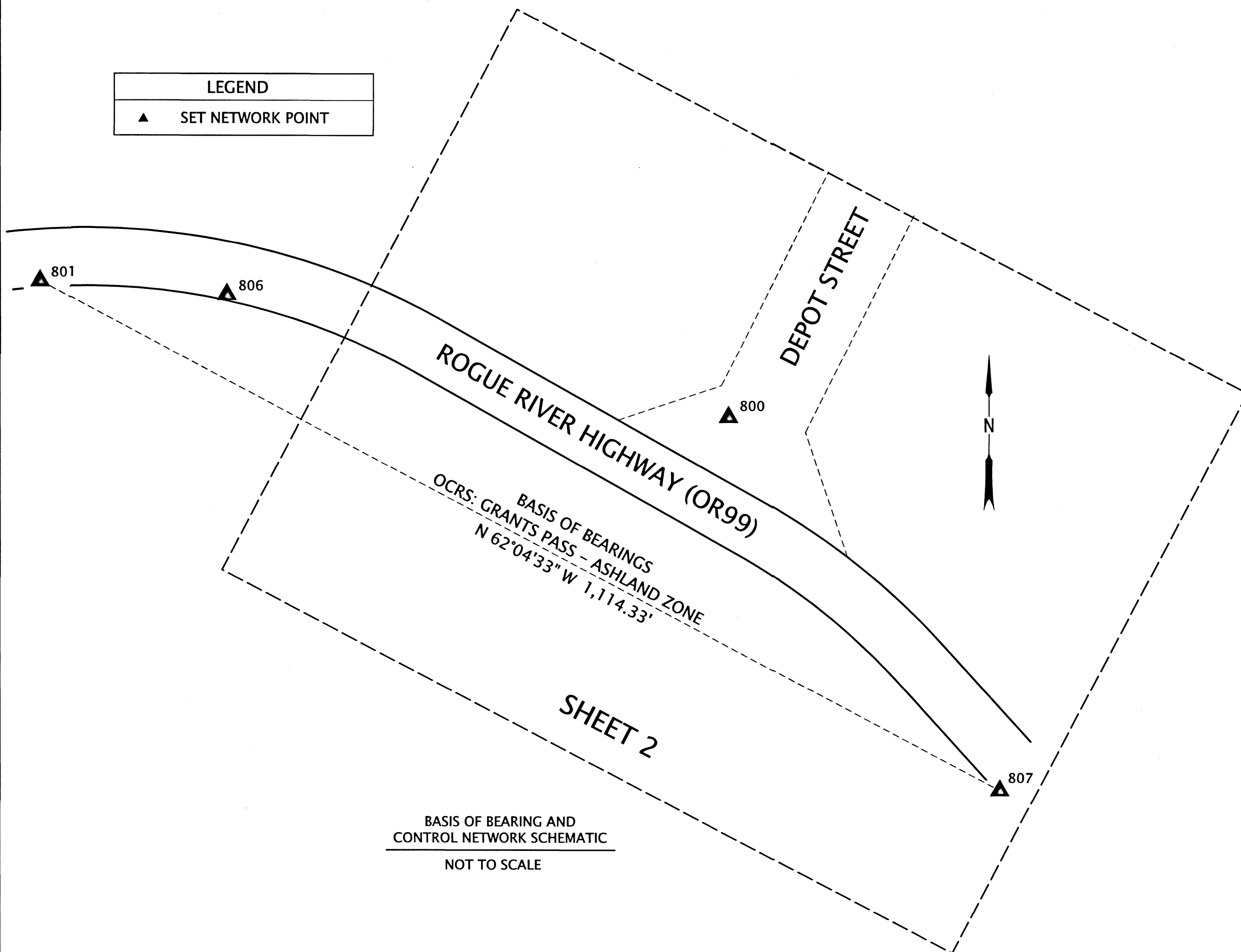


**\*\* RECEIVED \*\***  
 DATE 12/10/20 BY PB  
 This survey consists of:  
2 sheet(s) Map  
6 page(s) Narrative  
 JACKSON COUNTY  
 SURVEYOR

LEGEND	
▲	SET NETWORK POINT



BASIS OF BEARING AND CONTROL NETWORK SCHEMATIC  
 NOT TO SCALE

**SURVEY NARRATIVE**

THIS SURVEY WAS MADE AS A RESULT OF THE OREGON DEPARTMENT OF TRANSPORTATION'S OR 99/I-5/OR234 CURB RAMP PROJECT. THE PURPOSE OF THIS SURVEY IS TO RECORD THE POSITIONS OF CONTROL POINTS FOR CONSTRUCTING THE PROJECT, RECORD THE POSITIONS OF MONUMENTS OF RECORD, RESOLVE THE EXISTING RIGHT OF WAY (R/W) CENTER LINES AND DEFINE THE EXISTING R/W AS DIRECTED IN OREGON REVISED STATUE (ORS)209.155.

THE ROAD NOW NAMED ROGUE RIVER HIGHWAY (OR 99) WAS FORMERLY PART OF THE PACIFIC HIGHWAY (OR 99). THE CONTROLLING CENTERLINE FOR THIS SECTION OF HIGHWAY IS ODOT RIGHT OF WAY MAP 3B-2-9, DRAWN IN 1922. RECORD DATA FROM SAID MAP WAS CALCULATED AND THEN TRANSLATED AND ROTATED TO THE FOLLOWING RIGHT OF WAY MONUMENTATION. POINT 2006, SHOWN HEREON, WAS HELD FOR STATION AND OFFSET (RECORD 30' LEFT AND STATION 929+93.7 P.T.). POINT 1006 WAS HELD FOR OFFSET (RECORD 30' LEFT). THE RECORD CURVE DELTA AND LENGTH WERE HELD TO PRODUCE A CURVE BETWEEN STATIONS 924+62.92 P.C. AND 926+93.70 P.T. DURING THIS CALCULATION IT WAS DISCOVERED THAT THE TANGENT LENGTH AS SHOWN ON RIGHT OF MAP 3B-2-9 FOR THIS CURVE IS INCORRECT AND BASED ON THE OTHER CURVE GEOMETRY AND A SIMPLE CIRCULAR CURVE CALCULATION IT SHOULD BE 116.4' NOT 118.4'. THE RESULTANT TANGENT BETWEEN STATIONS 923+31.62 AND 924+62.92 P.C. WAS HELD AT RECORD AS SHOWN HEREON. THIS RESOLUTION YIELDED A GOOD FIT WITH THE LOCAL MONUMENTATION ALONG THE SOUTHERLY RIGHT OF WAY LINE IN THIS AREA.

**CONTROL NARRATIVE AND BASIS OF BEARINGS**

ALL BEARINGS FOR THIS SURVEY ARE BASED ON THE OREGON COORDINATE REFERENCE SYSTEM (OCRS), GRANTS PASS- ASHLAND ZONE, NAD 83(2011) EPOCH 2010.00. ALL COORDINATES ARE IN INTERNATIONAL FEET UNITS.

SURVEY WORK FOR THIS PROJECT WAS PERFORMED BY ODOT SURVEY CREWS DURING SEPTEMBER OF 2012 AND AGAIN WITH ADDITIONAL TIES AND CHECK SHOTS IN FEBRUARY AND OCTOBER OF 2020. THIS SURVEY UTILIZED A LEICA GS14 GNSS RECEIVER, LEICA CS20 DATA COLLECTOR, AND LEICA TS15 TOTAL STATION. HORIZONTAL CONTROL WAS ESTABLISHED BY UTILIZING THE OREGON REAL TIME GEODETIC NETWORK (ORGN) AND OBSERVING 2 REDUNDANT 60 EPOCH OBSERVATIONS ON EACH CONTROL POINT. THESE OBSERVATIONS WERE A MINIMUM OF 30 MINUTES APART IN ACCORDANCE WITH ODOT'S POLICY AND PROCEDURES MANUAL AND THE RESULTING COORDINATES ARE REPORTED HEREON.

NETWORK POINTS SET DURING THIS SURVEY DO NOT REPRESENT PROPERTY LINE OR R/W LINES. THEY ARE INTENDED TO PERPETUATE THE ALIGNMENTS AND RIGHT OF WAY DEVELOPED FOR THIS PROJECT IN CONFORMANCE WITH ORS CHAPTER 209 SECTION 155.

**GEODETIC CONTROL TABLE - NAD 83(2011) EPOCH 2010.00**

PT. NO.	LATITUDE (N)	LONGITUDE (W)	ELL. HT.
800	42° 25' 50.36467" N	123° 10' 16.62172" W	916.28
801	42° 25' 51.74500" N	123° 10' 26.03510" W	917.64
806	42° 25' 51.60382" N	123° 10' 23.48670" W	916.36
807	42° 25' 46.57190" N	123° 10' 12.92016" W	914.38

**CONTROL POINT COORDINATE TABLE**

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
800	248096.99	207793.94	8/29/2012	SET 1" COPPER PLUG "ODOT 800"
801	248235.39	207087.70	8/29/2012	SET MAG NAIL w/ WASHER "ODOT 801"
806	248221.46	207278.85	10/5/2020	SET 1" COPPER PLUG "ODOT 806"
807	247713.55	208072.29	10/5/2020	SET MAG NAIL w/ WASHER "ODOT 807"

REGISTERED PROFESSIONAL LAND SURVEYOR

*Andrew David Ausland*

OREGON  
 JULY 15, 2003  
 ANDREW DAVID AUSLAND  
 56136

EXPIRES: 12/31/2021

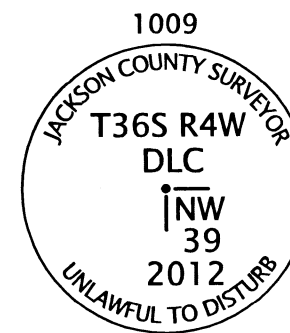
**OREGON DEPARTMENT OF TRANSPORTATION**  
 HORIZONTAL CONTROL,  
 MONUMENT RECOVERY AND RETRACEMENT SURVEY  
 OR99: CURB RAMP UPGRADES PROJECT  
 JACKSON COUNTY



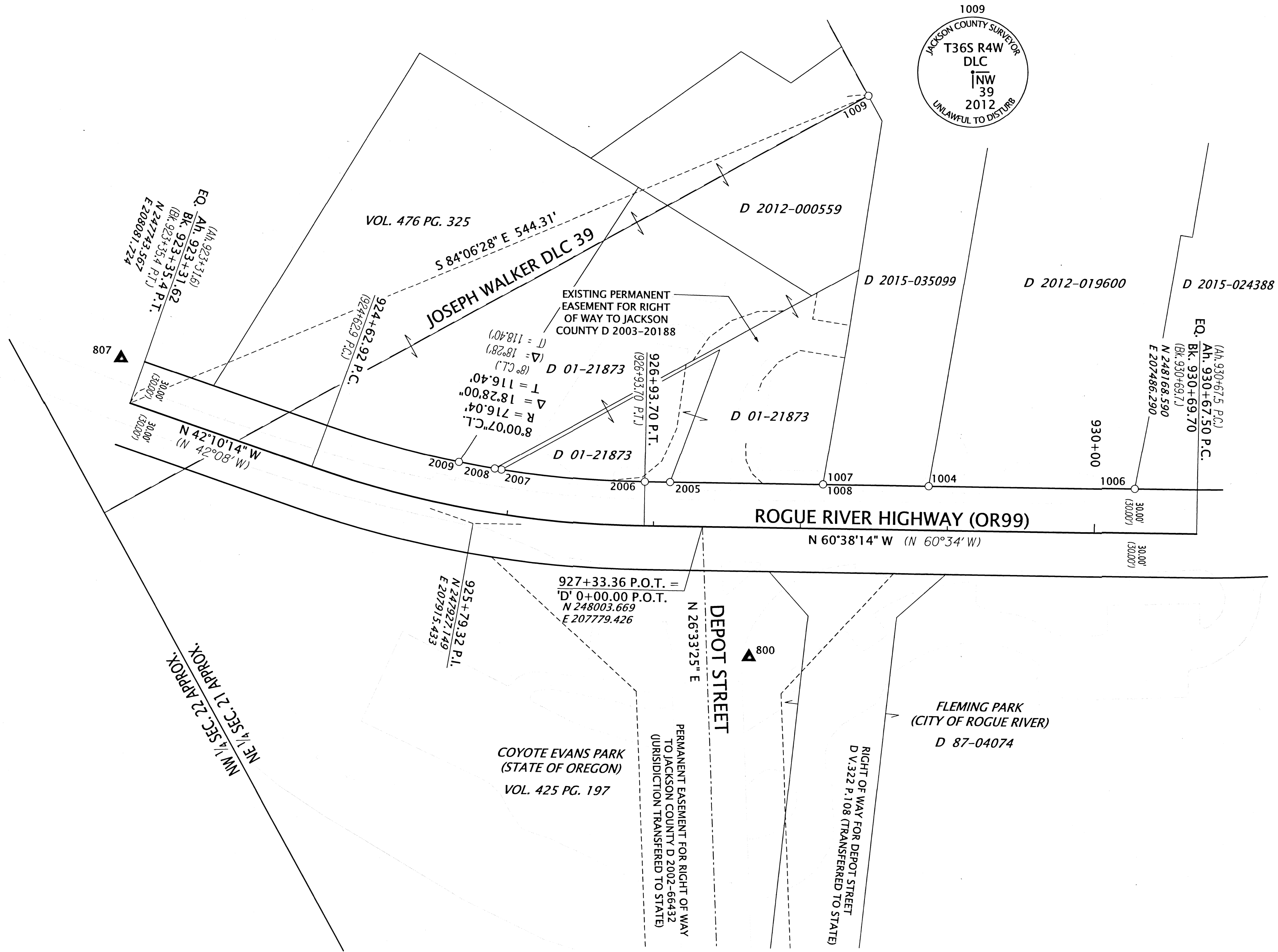
ODOT REGION 3 TECH CENTER  
 100 ANTELOPE RD.  
 WHITE CITY, OR 97503 KEY NO. 22144

DECEMBER 10, 2020  
 NO SCALE  
 SHEET 1 OF 2

NE 1/4 SECTION 21, T. 36 S., T 4 W., WM



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0 page(s) Narrative  
 JACKSON COUNTY SURVEYOR



**LEGEND**

- FOUND MONUMENT NOTED IN TABLE
- ▲ SET NETWORK POINT
- ( ) RECORD INFORMATION PER ODOT RIGHT OF WAY MAP 3B-2-9

**LINE LEGEND**

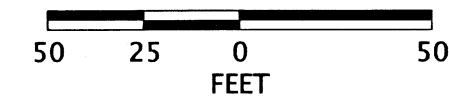
- GOVERNMENT SECTION LINE
- DONATION LAND CLAIM LINE
- RESOLVED HIGHWAY RIGHT OF WAY LINE
- EXISTING RIGHT OF WAY/ PROPERTY LINE
- EXISTING CENTERLINE
- GOVERNMENT CORNER TIE LINE
- - - FENCE

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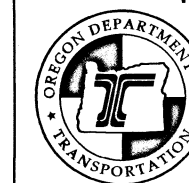


RECOVERED MONUMENT TABLE

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1004	928+86.86	-30.02	248052.77	207630.92	9/4/2012	FD 1/2" I.R., DN 0.7'	CS 1855
1006	930+27.11	-30.00	248121.56	207508.70	9/4/2012	FD 5/8" I.R., DN 0.4'	CS 6396
1007	928+14.96	-30.15	248017.41	207693.52	9/4/2012	FD 1/2" I.D. I.P., DN 0.4'	CS 1855
1008	928+14.93	-30.07	248017.46	207693.59	9/4/2012	FD 5/8" I.R., DN 0.4'	CS 1855
1009	-	-	247799.45	207540.29	9/17/2012	FD 2-1/2" BRONZE CAP "COUNTY SURVEYOR T36S R4W DLC MW 39 2012"	JCS FIFTH RE-ESTAB., DATED SEPT. 29, 2012
2005	927+10.89	-30.03	247966.48	207784.28	2/19/2020	FD SCREW w/ WASHER "LS 1035"	CS 22788
2006	926+93.70	-30.00	247958.08	207799.28	2/19/2020	FD SCREW w/ WASHER "LS 1035"	CS 22788
2007	925+91.45	-29.90	247904.20	207881.00	2/19/2020	FD 5/8" IR w/ YPC "NYGREN LS 1035"	CS 22788
2008	925+86.69	-29.92	247901.39	207884.60	2/19/2020	FD 5/8" IR w/ YPC "NYGREN LS 1035"	CS 22788
2009	925+60.79	-29.86	247885.83	207903.94	2/19/2020	FD 5/8" IR w/ YPC "NYGREN LS 1035"	CS 22788

ASSESSOR'S MAP: 36 4W 21AA

OREGON DEPARTMENT OF TRANSPORTATION  
 HORIZONTAL CONTROL,  
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 JACKSON COUNTY



ODOT REGION 3 TECH CENTER  
 100 ANTELOPE RD.  
 WHITE CITY, OR 97503 KEY NO. 22144

DECEMBER 10, 2020  
 SCALE: 1" = 50'  
 SHEET 2 OF 2