

SHEET INDEX:

- 1 SURVEY NARRATIVE, SHEET LAYOUT & CONTROL NARRATIVE, NETWORK DIAGRAM, SURVEY REFERENCES
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NW 1/4 SECTION 20, T. 29S., R 8W., WM

FILED
 Date: 12-24-2023 By: DA
 This survey consist of:
 Map: St. Hwy 42-021 A&B
 Narrative: _____
 Corner Rpt: _____
 DOUGLAS COUNTY
 SURVEYOR

CONTROL INFORMATION

SURVEY DATUM- PER OAR 734-005-015 OREGON COORDINATE REFERENCE SYSTEM (OCRS):
 COTTAGE GROVE - CANYONVILLE ZONE
 NAD83(2011) EPOCH 2010 (INTERNATIONAL FEET)

EQUIPMENT- THE MONUMENTATION FIELD WORK FOR THIS PROJECT WAS PERFORMED ON SEPTEMBER 25, 2023. THE SURVEY EQUIPMENT USED CONSISTED OF 1 LEICA CS15 DATA COLLECTOR AND 1 LEICA TS16 TOTAL STATION.

CONTROL NARRATIVE AND BASIS OF BEARINGS

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

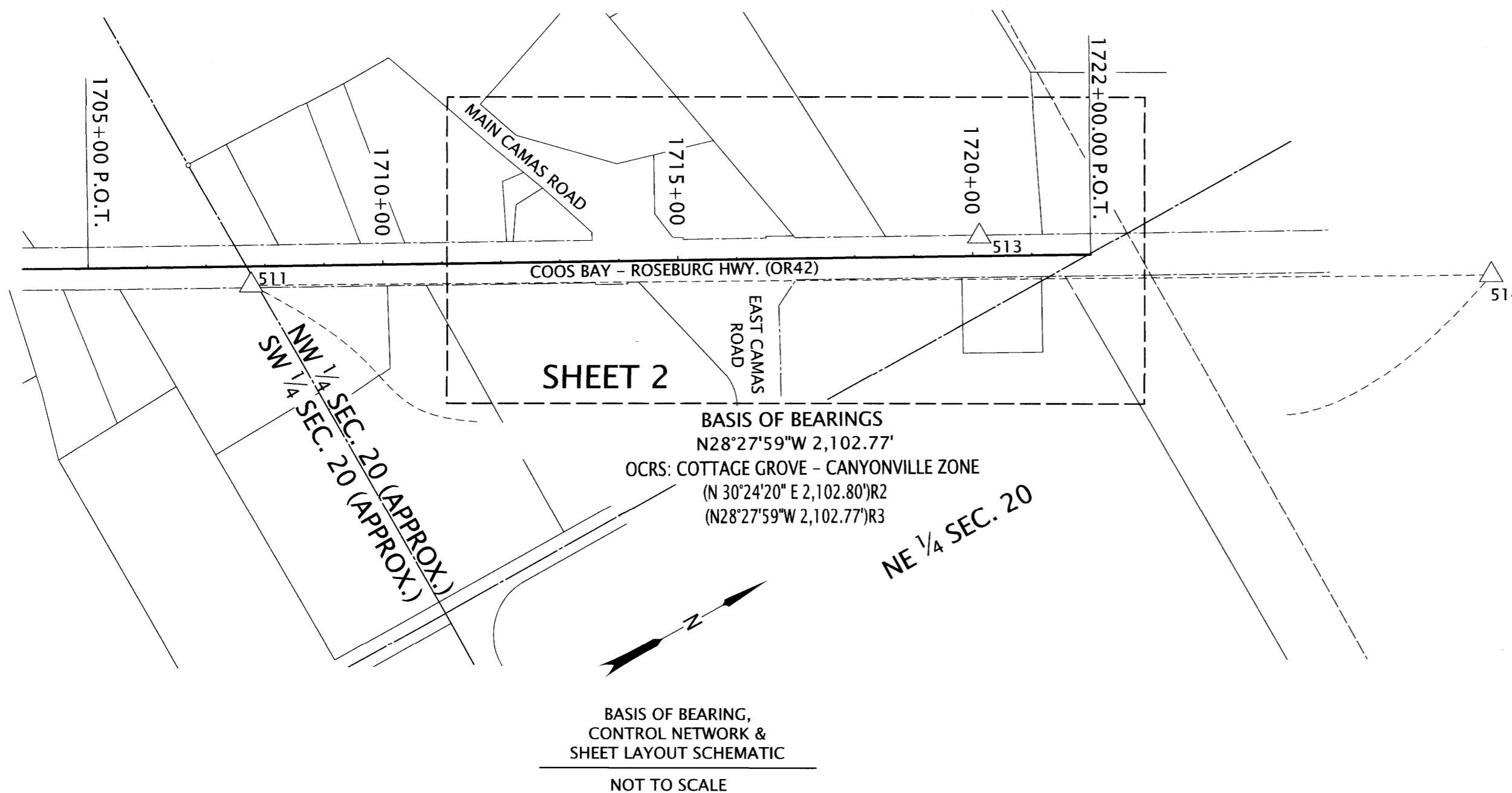
THIS SURVEY HELD THE ORIGINAL CONTROL VALUES THAT WERE ESTABLISHED ON ST. HWY. 42-018. THE EXISTING MONUMENTS OF RECORD SHOWN ON THIS SURVEY WERE NOT REVISITED AND TIED AS A PART OF THIS SURVEY. THE ORIGINAL PROCEDURE TO ESTABLISH CONTROL AS DETAILED IN ST. HWY. 42-018 INVOLVED A MINIMUM OF 2 REDUNDANT 60 EPOCH GNSS OBSERVATIONS WHILE CONNECTED TO THE OREGON REAL-TIME GEODETIC NETWORK (ORGN) IN ACCORDANCE WITH ODOT'S SURVEY POLICY AND PROCEDURES MANUAL. IN THE EVENT THAT THE SKY WAS OBSTRUCTED AND A GNSS MEASUREMENT COULD NOT BE PERFORMED, ADDITIONAL CONTROL WAS SET UTILIZING THE ORGN. A TOTAL STATION WAS THEN UTILIZED TO TIE THE MONUMENT IN ACCORDANCE WITH ODOT'S POLICY AND PROCEDURE'S MANUAL. THE FINAL MONUMENTS WERE SET BY TOTAL STATION UTILIZING RADIAL STAKEOUT METHODS. THE POSITION AND ORIENTATION OF THE STAKEOUT CONTROL WAS BY A THREE POINT RESECTION OF POINTS 511, 514 AND 1605.

CONTROL POINTS FOR THIS SURVEY WERE NOT SET ON AND DO NOT REPRESENT PROPERTY OR RIGHT OF WAY LINES AND ARE INTENDED FOR THE USE BY ODOT IN SUPPORT OF THIS AND FUTURE PROJECTS. IT IS NOT THE INTENT OF ODOT TO PERPETUATE THESE CONTROL POINTS AS MONUMENTS.

SURVEY NARRATIVE

THIS SURVEY WAS MADE AS A RESULT OF THE OREGON DEPARTMENT OF TRANSPORTATION'S OR 42/US101/OR42S CURB RAMPS PROJECT WITH THE SITE BEING LOCATED WITHIN THE COMMUNITY OF CAMAS VALLEY, OREGON. THE PURPOSE OF THIS SURVEY IS TO MONUMENT AN ADDITIONAL RIGHT OF WAY ACQUISITION BY THE STATE OF OREGON IN INSTRUMENT NO. 2023-010367, OF THE OFFICIAL RECORDS OF DOUGLAS COUNTY, OREGON, AND AS SHOWN ON ODOT ROLL MAP NUMBER RW9614M. IT WAS DISCOVERED DURING THE ORIGINAL MONUMENTATION OF THE PROJECT THAT THE SIDEWALK WAS CONSTRUCTED OUTSIDE OF THE EXISTING RIGHT OF WAY. ADDITIONAL RIGHT OF WAY WAS THEN ACQUIRED AND MONUMENTED BASED ON THE DEED CALLS IN INSTRUMENT NO. 2023-010367. THIS SURVEY PERPETUATES THE ALIGNMENT AND RIGHT OF WAY DEVELOPED FOR THE PROJECT IN CONFORMANCE WITH ORS CHAPTER 209, SECTION 155.

THE CENTERLINE ALIGNMENT, REFERRED TO AS THE "RELOCATED COOS BAY - ROSEBURG HIGHWAY", IN SAID INSTRUMENT NO. 2023-010367, AND SHOWN ON SAID ODOT ROLL MAP RW9614M AND AS RESOLVED ON COUNTY SURVEY FILED AS ST. HWY. 42-018 ARE IDENTICAL. MONUMENTS WERE SET PER SAID INSTRUMENT NO. 2023-010367, AND SAID ODOT ROLL MAP NUMBER RW9614M AS SHOWN HEREON.



BASIS OF BEARINGS
 N28°27'59"W 2,102.77'
 OCRS: COTTAGE GROVE - CANYONVILLE ZONE
 (N 30°24'20" E 2,102.80')R2
 (N28°27'59"W 2,102.77')R3

REFERENCE DOCUMENTS USED:
 ODOT DRG. RW9614M, 9B-30-17,
 C.S. 42-013 & C.S. 42-018

R/W DEEDS USED FOR MONUMENTATION:
 INSTRUMENT NO. 2023-010367

LEGEND	
△	FOUND NETWORK POINT
() R2	RECORD INFO PER ST. HWY. 42-013 A-K
() R3	RECORD INFO PER ST. HWY. 42-018 A-B

CONTROL POINT COORDINATE TABLE

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
511	1707+75.97	31.99	72932.84	72917.48	12/13/2019	FD 1" BRASS PLUG "ODOT CONTROL 511", FLUSH IN SIDEWALK	ST HWY 42-013
513	1720+11.54	-33.07	74052.89	73443.17	12/13/2019	FD STEM FROM 1" BRASS PLUG, TOP MISSING, FLUSH	ST HWY 42-013
514	1728+78.70	43.35	74781.37	73919.75	12/13/2019	FD 5/8" IRON ROD W/ 1-1/2" BRASS CAP "ODOT CONTROL 514", DN 0.3'	ST HWY 42-013

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

OREGON
 JULY 15, 2003
 ANDREW DAVID AUSLAND
 56136

EXPIRES: 12/31/2023

OREGON DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MONUMENTATION SURVEY
 OR42/US101/OR42S: CURB RAMPS (CAMAS)
 COOS BAY-ROSEBURG HIGHWAY
 DOUGLAS COUNTY



ODOT REGION 3 TECH CENTER
 3500 NW STEWART PARKWAY
 ROSEBURG, OR 97470 KEY NO. 22143

OCTOBER 26, 2023
 NO SCALE
 SHEET 1 OF 2