SHEET INDEX

SHEET INDEX, CONTROL NARRATIVE, BASIS OF BEARINGS, HORIZONTAL CONTROL SURVEY, VERTICAL CONTROL SURVEY, SHEET LAYOUT DIAGRAM AND CONTROL NETWORK

NARRATIVE AND REFERENCE LIST 2

3-4 SURVEY

CONTROL NARRATIVE

PROJECT: JACKSON COUNTY CURB RAMPS, PHASE 2 LOCATION: JACKSON COUNTY, OREGON DOWL PROJECT: 2752.80364.01 ODOT KEY NO.: 22438 UNITS: INTERNATIONAL FEET

HORIZONTAL DATUM: NAD83 (2011) (EPOCH 2010.00) VERTICAL DATUM: NAVD 88

OREGON COORDINATE REFERENCE SYSTEM - GRANTS PASS - ASHLAND ZONE PER OAR 734-005-0015. TRANSVERSE MERCATOR PROJECTION LATITUDE OF GRID ORIGIN: 41°45′ 00″ N CENTRAL MERIDIAN: 123° 20' 00" W FALSE NORTHING: 0.000 M (0.00 IFT) FALSE EASTING: 50,000.000 M (164,041.9948 IFT) CENTRAL MERIDIAN SCALE: 1.000043 (EXACT)

IFT = INTERNATIONAL FEET M= METER

BASIS OF BEARINGS

THE BASIS OF BEARINGS IS THE OREGON COORDINATE REFERENCE SYSTEM - GRANTS PASS - ASHLAND ZONE.

COORDINATES AND DISTANCES SHOWN HEREON ARE INTERNATIONAL FEET.

HORIZONTAL CONTROL SURVEY

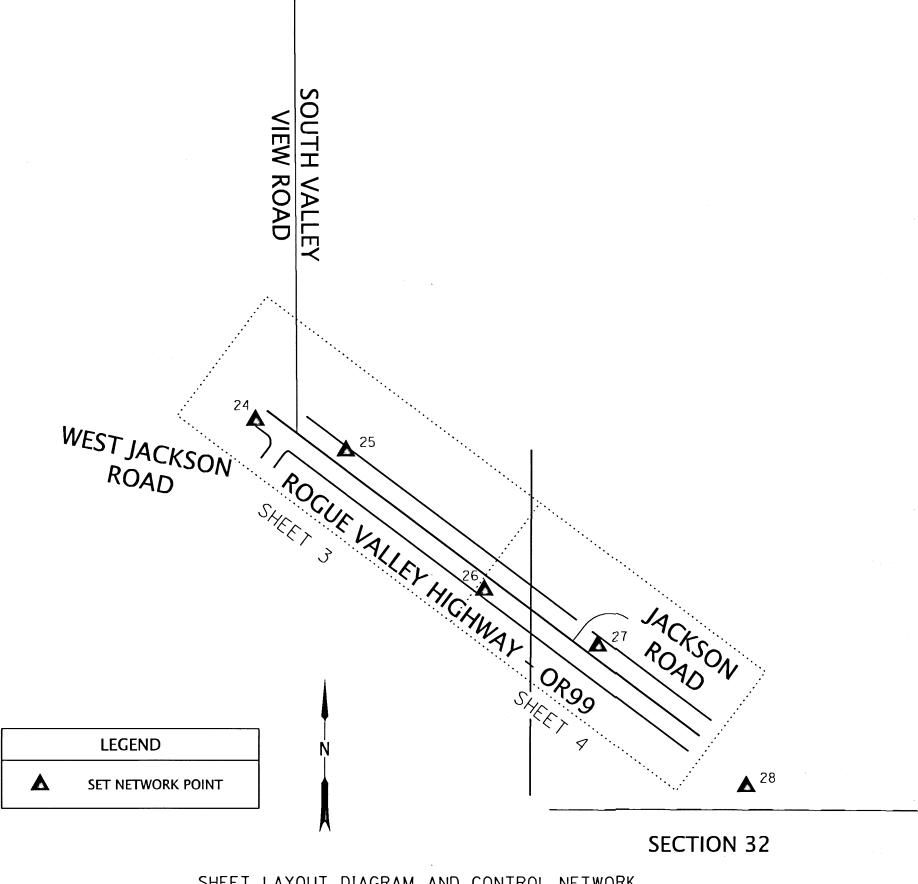
PRIMARY HORIZONTAL CONTROL WAS ESTABLISHED USING A GNSS STATIC NETWORK. UTILIZING NEIGHBORING ORGN BASE STATIONS AS THE BASE POINTS TO ESTABLISH HORIZONTAL POSITIONS FOR PRIMARY CONTROL. A LEAST SQUARES ADJUSTMENT WAS THEN COMPLETED USING TRIMBLE BUSINESS CENTER. TERRESTRIAL CHECKS WERE PERFORMED BETWEEN THE ON-SITE CONTROL TO VERIFY THE NETWORK.

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

VERTICAL CONTROL SURVEY

A DIGITAL LEVEL LOOP WAS RUN THROUGH THE PRIMARY CONTROL POINTS. AN ELEVATION OF 1660.62 FEET, GEOID 18, DERIVED FROM GPS OBSERVATIONS WAS HELD AT CONTROL POINT 24.

SE 1/4 SECTION 31 AND SW 1/4 SECTION 32 TOWNSHIP 38 SOUTH, RANGE OI EAST, W.M.



SHEET LAYOUT DIAGRAM AND CONTROL NETWORK SCALE 1" = 300'

FILE NAME: S_K22438_crr_08.dgn

920 Country Club Rd., Ste. 100B Eugene, Oregon 97401 DOWL 541-683-6090

Date 9 | 15 | 238y SS

4 sheet(s) Map

This Survey Consist Of:

Φ paga(s) Narrativo

JACKSON COUNTY SURVEYOR

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY JACKSON COUNTY CURB RAMPS, PHASE 2 SOUTH VALLEY VIEW SITE JACKSON COUNTY

ODOT REGION 3 100 ANTELOPE ROAD

DRAWN: A. SILBERNAGEL | CHK'D: J. THORPE

AUGUST 2023

WHITE CITY, OR 97503 KEY NO. 22438 SHEET 1 OF 4 PROJ. NO. 2752-80364.01 DESIGNED: A. SILBERNAGEL

NETWORK DOINT COORDINATE TARE

NEIWORK POINT COORDINATE TABLE								
PT			HEIGHT	OCRS	0CRS	NAVD 88		
I D	LATITUDE	LONGITUDE	(]F)	NORTHING	EASTING	ELEVATION	DATE	DESCRIPTION
24	N42°13′15.11798″	W122°44′27.41383″	1582.33	172154.45	324513.31	1660.62	9/8/2022	SET 1" CP MARKED " DOWL CONTROL"
25	N42°13′14.15854″	W122°44′23.65754″	1583.57	172059.29	324796.64	1661.86	9/8/2022	SET 5/8"x30" IR W/OPC MARKED "DOWL CONTROL"
26	N42°13′09.84050″	W122°44′17.95193″	1588.32	171625.15	325229.02	1666.60	9/8/2022	SET 1" CP MARKED "DOWL CONTROL"
27	N42°13′08.09714″	W122°44′13.24471″	1592.28	171451.13	325584.47	1670.54	9/8/2022	SET 5/8"x30" IR W/OPC MARKED "DOWL CONTROL"
28	N42°13′03.70525″	W122°44′07.12686″	1606.81	171009.74	326047.96	1685.06	9/8/2022	SET 1" CP MARKED "DOWL CONTROL"

REGISTERED **PROFESSIONAL** LAND SURVEYOR MAY 12, 2011 ANDREW JOSEPH SILBERNAGEL

OPC = ORANGE PLASTIC CAP

CP = COPPER PLUG

IR = IRON ROD

W/ = WITH

RENEWS: JUNE 30, 2024 SIGNED: <u>08/31/2023</u>

ASSESSOR'S MAPS: 381E31, 381E32, 381E32001 AND PUBLIC ROADS

SE1/4 SECTION 31, SW1/4 SECTION 32 TOWNSHIP 38 SOUTH, RANGE OI EAST, W.M.

NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO RESOLVE THE RIGHT OF WAY AT THE INTERSECTIONS OF THE ROGUE VALLEY HIGHWAY - OR99 WITH SOUTH VALLEY VIEW ROAD, WITH JACKSON ROAD AND WITH WEST JACKSON ROAD. BETWEEN TALENT AND ASHLAND OREGON. THIS SURVEY WAS PERFORMED AT THE REQUEST OF HDR, INC ON BEHALF OF THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT). HDR IS DESIGNING ADA RAMP IMPROVEMENTS AT THESE INTERSECTIONS.

ANOTHER PURPOSE OF THIS SURVEY WAS TO PROVIDE THE PERPETUATION OF THE POSITIONS OF SURVEY MONUMENTS THAT MAY BE DESTROYED BY FUTURE CONSTRUCTION EFFORTS. THIS WAS ACCOMPLISHED BY TYING THE FOUND MONUMENTS INTO THE PROJECT CONTROL NETWORK. THIS SURVEY MEETS THE REQUIREMENTS FOR A RECOVERY SURVEY AS OUTLINED IN THE OREGON REVISED STATUTES CHAPTER 209.155.

THIS SURVEY WAS PERFORMED FROM JULY TO DECEMBER 2022. . THE SURVEY EQUIPMENT USED IN THIS SURVEY CONSISTED OF DUAL-FREQUENCY TRIMBLE R12, R10 AND R8 GNSS RECEIVERS. TRIMBLE S6 AND S7 TOTAL STATIONS AND TRIMBLE TSC5 AND TSC3 DATA COLLECTORS.

THIS SURVEY SHOWS APPROXIMATE PROPERTY LINES, THESE LINES ARE GIS BASED UNLESS OTHERWISE NOTED. THEY ARE ONLY INTENDED AS GRAPHICAL REFERENCES ONLY.

ROGUE VALLEY HIGHWAY - OR99

THIS SECTION OF OR99 IS A TANGENT PER ODOT ROLL MAP 2B-21-20. TO RETRACE THE CENTERLINE OF OR99, A STRAIGHT LINE WAS HELD FROM THE PROPORTIONATE SPLIT OF TWO OF THE RIGHT OF WAY MONUMENTS (POINTS 1508 & 1510) FOUND AT THE RIGHT OF WAY JOG AT STATION 34+00.00 OFFSET TO A POINT OFFSET AND PARALLEL 60.00 FEET FROM A MONUMENT (POINT 1022) ON THE SOUTHWESTERLY RIGHT OF WAY. THE RIGHT OF WAY WAS THEN HELD AT 60.00 FEET ON BOTH SIDES OF THE CENTERLINE, PER SAID ODOT ROLL MAP AND MULTIPLE SURVEYS IN THE AREA. STATIONING WAS HELD AT SAID STATION 34+00.00.

JACKSON ROAD

TO RETRACE THE CENTERLINE OF JACKSON ROAD, THE CENTERLINE DESCRIPTION FOUND IN JACKSON COUNTY DEED D 1994-20428 AND JACKSON COUNTY SURVEY 15624 WERE UTILIZED. SAID SURVEY WAS FOR JACKSON COUNTY ROADS AND PARKS DEPARTMENT AND MONUMENTED THE ACQUISITIONS ACQUIRED ON DOCUMENTS 1994-20428 AND 1996-36844. THIS SURVEY RECOVERED THE TWO MONUMENTS ON THE INTERIOR RADIUS RIGHT OF WAY (POINTS 1010 AND 1024). THE CENTERLINE RADIUS OF 100.00 FEET WAS HELD 30.00 FEET OFFSET FROM SAID MONUMENTS, HOLDING THE MONUMENT FOR THE P.C. (POINT 1024) AND EXTENDING PAST THE MONUMENT AT THE INTERSECTION OF THE RIGHTS OF WAYS (POINT 1010). THE TANGENT BETWEEN SAID CURVE AND ROGUE VALLEY HIGHWAY CENTERLINE WAS HELD AS A STRAIGHT LINE BETWEEN THE STATION CALL OUT ON SAID SURVEY AND SAID DEED OF 38+96.33 AND THE END OF THE CURVE. THE RIGHTS OF WAY LINES WERE RETRACED BY OFFSETTING THIS LINE 30.00 FEET IN BOTH DIRECTIONS.

NARRATIVE (CONTINUED)

WEST JACKSON ROAD

TO RETRACE THE RIGHT OF WAY AT THE INTERSECTION OF WEST JACKSON ROAD AND OR99, JACKSON COUNTY SURVEY CS 21365 WAS UTILIZED. THE INTENT OF SAID SURVEY WAS TO MONUMENT THE REALIGNED RIGHT OF WAY OF WEST JACKSON ROAD. THE SOUTHEASTERLY TANGENT PORTION WAS HELD AS A STRAIGHT LINE BETWEEN FOUND MONUMENTS (POINTS 1018 AND 1019). THE NORTHWESTERLY RIGHT OF WAY WAS HELD PARALLEL TO THE SOUTHERLY RIGHT OF WAY AND OFFSET 50.00 FEET. THE CURVED PORTIONS OF THE RIGHT OF WAY WERE HELD AT RECORD RADIUS AND BETWEEN THE MONUMENTS AT BOTH ENDS OF THE CURVES.

SOUTH VALLEY VIEW ROAD

THE CENTERLINE OF SOUTH VALLEY VIEW ROAD WAS RETRACED USING JACKSON COUNTY SURVEY 17227. SAID SURVEY WAS FOR JACKSON COUNTY ROADS AND PARKS DEPARTMENT AND MONUME NTED THE NEW RIGHT OF WAY FOR A RECENT WIDENING AND IMPROVEMENT PROJECT. THIS SURVEY RECOVERED MONUMENTS SET IN SAID SURVEY (POINTS 1025 AND 1026) AND HOLDING THE OFFSETS SHOWN ON SAID SURVEY (POINT 1026 - 13.500M & POINT 1025 - 17.500M) THE CENTERLINE WAS RETRACED. SAID SURVEY IS A METRIC SURVEY, THIS SURVEY CONVERTED THE METRIC VALUES TO INTERNATIONAL FEET BY DIVIDING THE METRIC VALUES BY 0.3048. THE RIGHT OF WAY AT THE INTERSECTION WITH OR99 WAS HELD AT 30.00 FEET ON THE EASTERLY SIDE. THE WESTERLY SIDE WAS NOT RETRACED IN THIS SURVEY. THE RIGHT OF WAY OF THE WAS DETERMINED TO BE FAR ENOUGH AWAY BASED ON THE LOCATION OF THE BEAR CREEK GREENWAY THAT IT WOULD HAVE NO EFFECT ON THE ADA RAMP CONSTRUCTION.

REFERENCE LIST

JACKSON COUNTY SURVEYS

- CS1166, BY L. E. AGER, FILED NOVEMBER 7, 1958
- CS1714, BY L. E. AGER, FILED JUNE 18, 1961
- S3 CS2142, BY L. E. AGER, FILED MARCH 26, 1963
- CS4457, BY EVERETT L. SWAIN, FILED APRIL 4, 1971
- CS12047, BY EVERETT L. SWAIN, FILED MAY 23, 1990
- CS12439, BY DAVID A. EDWARDS, FILED MARCH 18, 1991
- CS13704, BY ROGER R. ROBERTS, FILED OCTOBER 27, 1993 S7
- CS15224, BY HERBERT A. FARBER, FILED DECEMBER 23, 1996 CS15624, BY JAMES P. DICKERSON, FILED JANUARY 6, 1998
- CS15963, BY MARK L. ARMSTRONG, FILED NOVEMBER 23, 1998 CS17105, BY DARRELL L. HUCK, FILED OCTOBER 22, 2001
- CS17227, BY JAMES P. DICKERSON, FILED MARCH 4, 2002
- CS20250, BY DARRELL L. HUCK, FILED DECEMBER 5, 2008
- CS21003, BY SHAWN KAMPMANN, FILED JANUARY 12, 2012
- CS21365, BY DARRELL L. HUCK, FILED NOVEMBER 12, 2013
- S16 CS21577, BY DARRELL L. HUCK, FILED OCTOBER 20, 2014

JACKSON COUNTY DEEDS

- VOLUME 204 PAGE 620 RIGHT OF WAY DEED DATED DECEMBER 4, 1935
- D 1994-20428 WARRANTY DEED DATED MAY 31, 1994
- D 1996-36844 WARRANTY DEED STATUTORY FORM DATED NOVEMBER 04, 1996

ODOT ROLL MAPS

- 2B-21-20 LAST MODIFIED FEBRUARY, 2019
- 7B-28-16 LAST MODIFIED JANUARY, 1964
- 1R-4-1289 DATED MARCH 2018

Date 9/15/23:452

4 shorts) Map

This Survey Consist Of:

φ page(ε) Narrative

JACKSON COUNTY

SURVEYOR

DONATION LAND CLAIM NOTES

THIRD RE-ESTABLISMENT, DLC38SW - GCDB 838120, BY SCOTT D. FEIN, JACKSON COUNTY SURVEYOR, DATED JULY 7, 2016

REGISTERED **PROFESSIONAL** LAND SURVEYOR

OREGON MAY 12, 2011 ANDREW JOSEPH SILBERNAGEL *79198

RENEWS: JUNE 30, 2024 SIGNED: <u>08/31/2023</u>

FILE NAME: S_K22438_crr_08.dgn

920 Country Club Rd., Ste. 100B Eugene, Oregon 97401

DOWL

541-683-6090

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY JACKSON COUNTY CURB RAMPS, PHASE 2 SOUTH VALLEY VIEW SITE JACKSON COUNTY

ODOT REGION 3

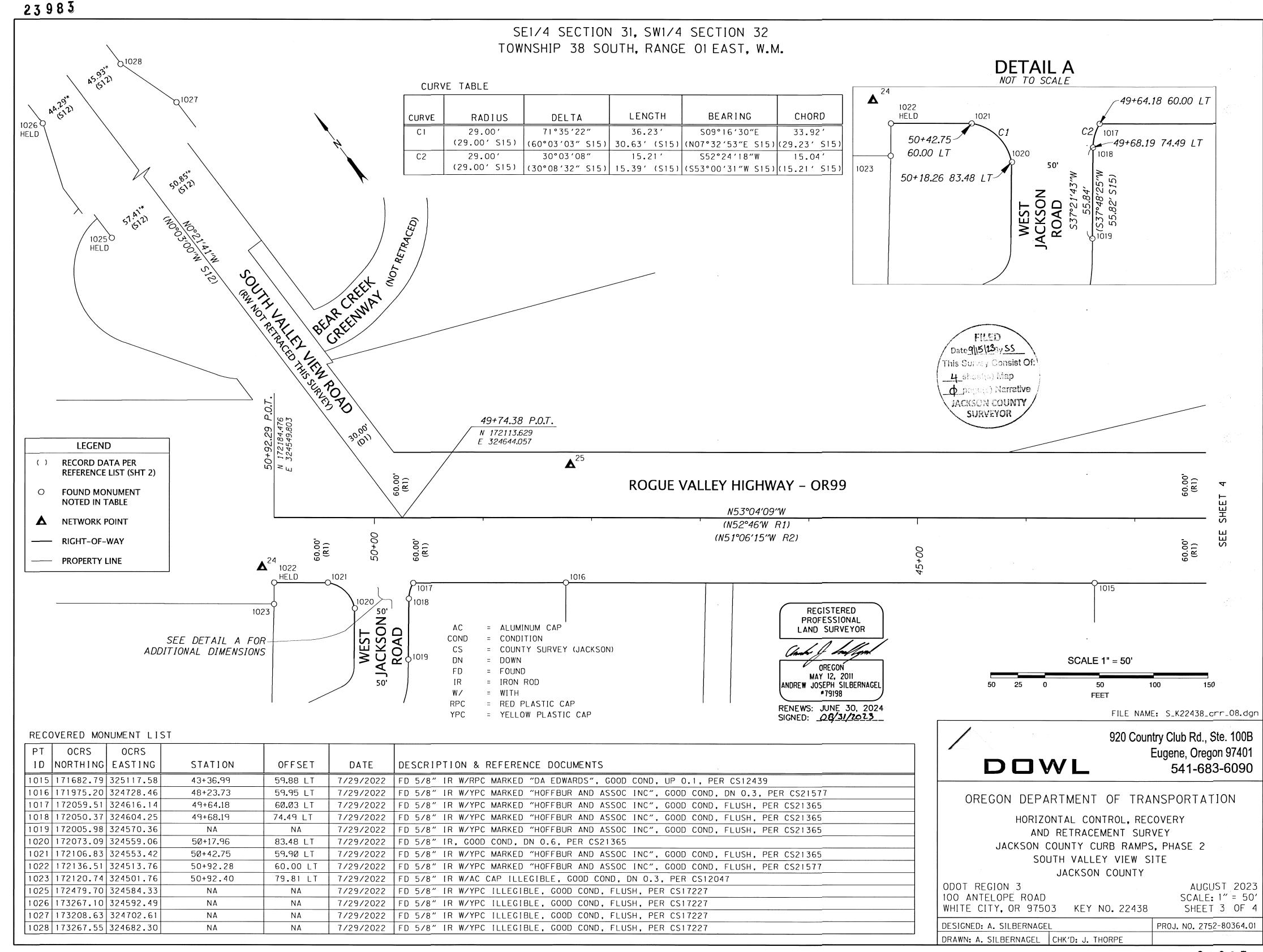
100 ANTELOPE ROAD

WHITE CITY, OR 97503 KEY NO. 22438

SHEET 2 OF 4

AUGUST 2023

23983

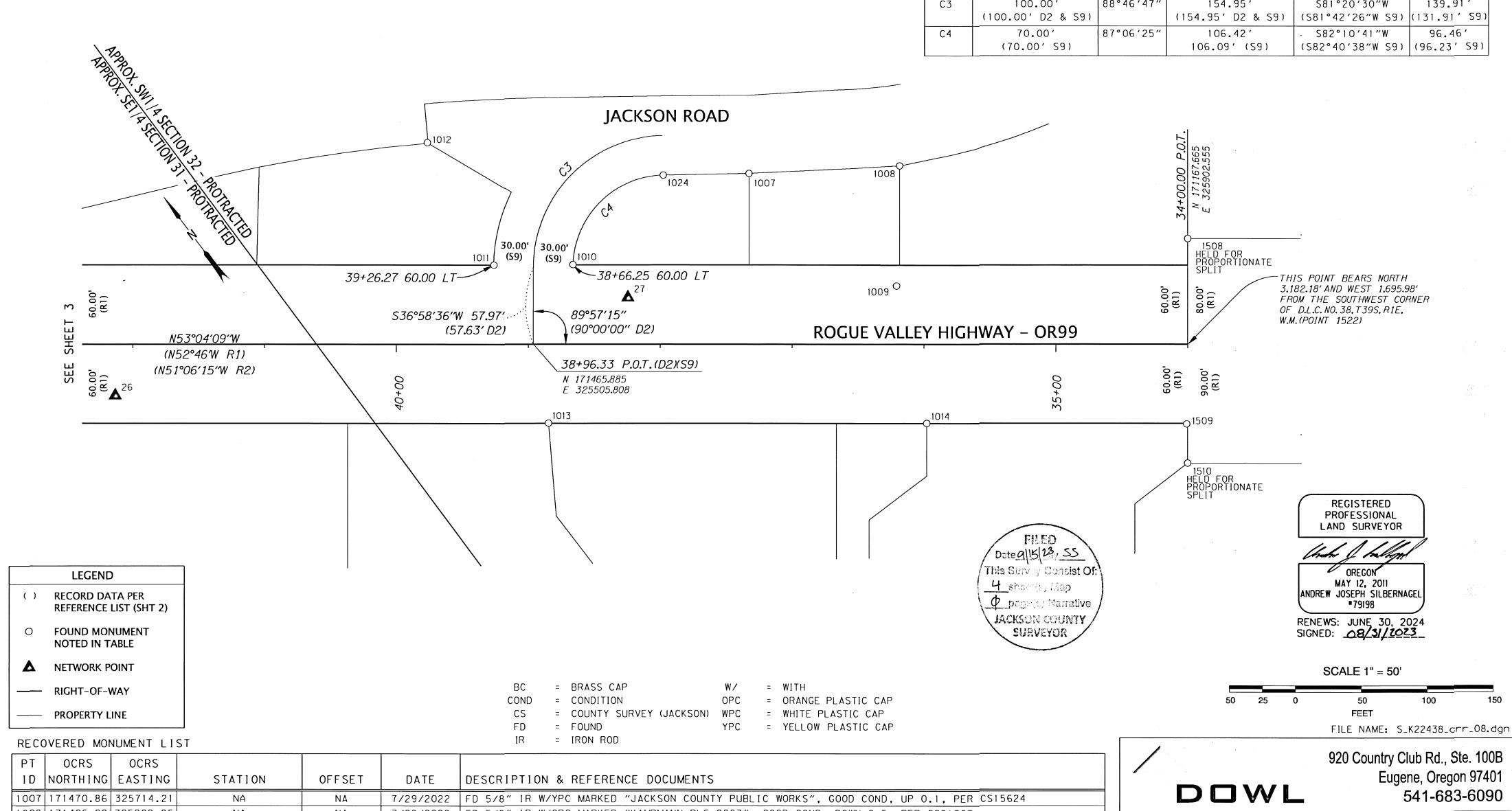


1522 167985.49 327598.54

NΑ

SE1/4 SECTION 31, SW1/4 SECTION 32 TOWNSHIP 38 SOUTH, RANGE OI EAST, W.M.

CURVE TABLE CHORD LENGTH BEARING RADIUS DELTA **CURVE** 88°46'47" 100.00' 154.95 S81°20'30"W 139.91' (100.00' D2 & S9) (154.95' D2 & S9) (S81°42′26″W S9) 70.00 87°06'25" 106.42' 96.46′ C4 S82°10′41″W



9/13/2022 | FD 2" BC MARKED"T39S R1E SW DLC 38 2016", GOOD COND, FLUSH, PER DLC NOTES *NOT GRAPHICALLY SHOWN

1008 171406.82 325809.06 NΑ NΑ 7/29/2022 | FD 5/8" IR W/OPC MARKED "KAMPMANN PLS 2883", GOOD COND, DOWN 0.5, PER CS21003 1009 171335.66 325752.63 36+20.79 44.21 RT 7/29/2022 | FD 3/4" IP, GOOD COND, DOWN 1.0, UNKNOWN ORIGIN 1010 171495.97 325566.06 38+66.25 60.25 RT 7/29/2022 | FD 5/8" IR W/YPC MARKED "JACKSON CO RDS & PKS SVC", GOOD COND, DOWN 0.2, PER CS15624 1011 | 171531.71 | 325518.20 7/29/2022 | FD 5/8" IR, GOOD COND, DOWN 0.1, PER CS15224 39+25.98 60.07 RT 1012 171636.04 325533.47 7/29/2022 | FD 5/8" IR W/YPC MARKED "FARBER PLS 2189", GOOD COND, FLUSH, PER CS15224 NA 1013 171411.13 325479.12 38+84.76 59.80 LT 7/29/2022 | FD 5/8" IR W/DESTROYED CAP, GOOD COND, DOWN 0.3, PER CS13704 1014 171238.75 325708.42 36+97.90 7/29/2022 | FD 5/8" IR W/ILLEGIBLE CAP, GOOD COND, DOWN 0.3, PER CS20250 59.93 LT 1024 171508.90 325661.47 NΑ NΑ 7/29/2022 | FD 5/8" IR W/YPC MARKED "JACKSON COUNTY PUBLIC WORKS", GOOD COND, UP 0.1, PER CS15624 1508 171231.59 325950.61 34+00.01 79.97 RT 7/20/2023 | FD 5/8" IR, GOOD COND, DOWN 0.1, PER 2B-6-7 1509 171119.84 325865.71 34+00.72 60.37 LT 7/20/2023 | FD 5/8" IR, GOOD COND, DOWN 0.1, PER CS17105 1510 171095.76 325848.50 34+00.00 89.96 LT 7/20/2023 | FD 5/8" IR W/WPC MARKED "D HUCK LS2023", GOOD COND, DOWN 0.1, PER CS17105

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT SURVEY JACKSON COUNTY CURB RAMPS, PHASE 2 SOUTH VALLEY VIEW SITE JACKSON COUNTY

ODOT REGION 3 100 ANTELOPE ROAD

WHITE CITY, OR 97503 KEY NO. 22438

AUGUST 2023 SCALE: 1" = 50' SHEET 4 OF 4

DESIGNED: A. SILBERNAGEL PROJ. NO. 2752-80364.01 DRAWN: A. SILBERNAGEL | CHK'D: J. THORPE