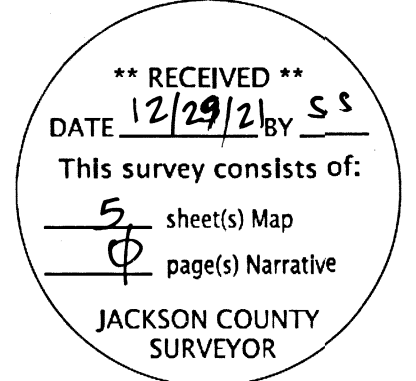


SW 1/4 SECTION 16 T36S R3W WM SE 1/4 SECTION 16 T36S R3W WM
 NW 1/4 SECTION 21 T36S R3W WM NE 1/4 SECTION 21 T36S R3W WM
 NW 1/4 SECTION 22 T36S R3W WM



*=DESTROYED MONUMENT JCS=JACKSON COUNTY SURVEYOR
 AC=ALUMINUM CAP DN=DOWN CS=COUNTY SURVEY
 FD=FOUND IR=IRON REBAR YPC=YELLOW PLASTIC CAP

SURVEY NARRATIVE

THIS SURVEY WAS MADE AS A RESULT OF THE OREGON DEPARTMENT OF TRANSPORTATION'S OR 99/1-5/OR234 CURB RAMP PROJECT. THE PURPOSE OF THIS SURVEY IS TO MONUMENT THE RIGHT-OF-WAY ACQUIRED BY THE STATE OF OREGON IN DOCUMENTS REFERENCED ON ODOT DRAWING RW9616M. AS A PART OF THIS SURVEY, A POST CONSTRUCTION INVENTORY OF THE CONDITION OF THE ORIGINAL MONUMENTS AND CONTROL, PER SURVEY NUMBER 23228, WITHIN THE IMPACT OF THE PROJECT'S CONSTRUCTION ZONE, WAS COMPLETED AS SHOWN HEREON. DESTROYED MONUMENTS WERE RESET AT THEIR FOUND LOCATIONS PER CS 23228. THIS SURVEY PERPETUATES THE ALIGNMENTS AND RIGHT-OF-WAY DEVELOPED FOR THE PROJECT IN CONFORMANCE WITH ORS CHAPTER 209, SECTION 155.

THE 'S' CENTERLINE SHOWN HEREON WAS REFERRED TO IN ACQUISITION DOCUMENTS SHOWN HEREON AND ODOT DRAWING RW9616M WHICH SHOWS THE ACQUISITIONS ACQUIRED FOR THIS PROJECT. MONUMENTS WERE SET AT THE RECORD STATIONS AND OFFSETS PER INSTRUMENTS LISTED ON THIS MAP AND SHOWN ON SAID DRAWING RW9616M

THE 'EXTG' AND 'F' CENTERLINES SHOWN HEREON WERE REFERRED TO IN ACQUISITION DOCUMENTS SHOWN HEREON, AND ODOT DRAWING 10B-17-23 WHICH SHOWS ACQUISITIONS ACQUIRED FOR AN OLDER ODOT PROJECT THAT WAS NEVER MONUMENTED. DUE TO THE WORK PERFORMED FOR THIS PROJECT, AND THE UTILIZATION OF CONTROL FROM THIS PREVIOUS PROJECT, IT WAS DETERMINED THAT IT WOULD BE PRUDENT TO MONUMENT THESE ACQUISITIONS FOR USE BY FUTURE SURVEYS. IN ORDER TO DO THIS, CONTROL POINTS 1238501 AND 1238503 FROM SAID ODOT DRAWING 10B-17-23 WERE MEASURED UTILIZING THE ORGN. THIS PROVIDED A MECHANISM TO MOVE THE OLD ELECTRONIC FILES FROM THE ORIGINAL BASIS OF BEARINGS, TO THE CURRENT BASIS OF BEARINGS LISTED ON THIS SURVEY. ADDITIONAL MONUMENTATION SHOWN ON ODOT DRAWING 10B-17-23, AND CORRESPONDING COUNTY SURVEY NO. 17498 WERE MEASURED AND CHECKED FOR THE OVERALL ACCURACY OF SAID MAPS. THE POINTS FIT WITHIN THE ERROR TOLERANCES OF THE EQUIPMENT UTILIZED, AND THE UPDATED CENTERLINE POSITIONS WERE UTILIZED TO SET POINTS 5000, 5001, 5004 AND 5005. THE 'F' CENTERLINE WAS ALSO UTILIZED FOR THE CURRENT PROJECT AND IS SHOWN ON ODOT DRAWING RW9616M. POINTS 5002 AND 5003 WERE SET AT THE RECORD STATIONS AND OFFSETS PER THE INSTRUMENT LISTED ON THIS MAP, AND SHOWN ON SAID DRAWING RW9616M.

CONTROL NARRATIVE

BASIS OF BEARINGS AND COORDINATES FOR THIS SURVEY IS THE OREGON COORDINATE REFERENCE SYSTEM (OCRS) GRANTS PASS - ASHLAND ZONE, NAD 83(2011) EPOCH 2010.00 AND ARE BASED ON RECOVERED CONTROL POINTS 1238501 AND 1238503 FROM COUNTY SURVEY 23228. THIS SURVEY USES INTERANATIONAL FEET UNITS.

HORIZONTAL CONTROL:

CONTROL POINTS, FOUND MONUMENTATION, AND SET POINTS SHOWN HEREON WERE MEASURED UTILIZING A GNSS 14 RECEIVER CONNECTED TO THE OREGON REAL TIME NETWORK (ORGN). ALL POINTS WERE TIED UTILIZING THE DOUBLE TIE METHOD OUTLINED IN ODOT'S SURVEY POLICY AND PROCEDURE MANUAL WHICH UTILIZES TWO INDEPENDENT 60 EPOCH MEASUREMENTS SEPERATED BY 30 MINUTES OR MORE. EVEN IN THE CASE OF SET POINTS, THESE MEASUREMENTS WERE TAKEN TO VERIFY THE POSITION STAKED OUT AND SET IN THE FIELD.

THE FIELD WORK FOR THIS PROJECT WAS INITIATED IN JANUARY OF 2020 AND CARRIED ON INTERMITTENTLY THROUGH NOVEMBER OF 2021 AND UTILIZED THE FOLLOWING EQUIPMENT:

- 1 - LEICA CS20 DATA COLLECTOR
- 1 - LEICA GS14 GNSS RECEIVER

MONUMENT TABLE (SHEET 2)

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1000	248963.06	239886.57	1/8/2020	FD IR w/ YPC "L.J. FRIAR & ASSOC."	CS 14720
1003	248640.71	239815.00	1/15/2020	FD IR w/ YPC "L.J. FRIAR & ASSOC."	CS 14720
1004	248419.55	240811.79	1/15/2020	FD IR w/ YPC "L.J. FRIAR & ASSOC."	CS 14720
1005	248619.76	240856.30	1/7/2020	FD IR w/ YPC "L.J. FRIAR & ASSOC."	CS 14720
1012*	248640.03	239763.83	4/21/2020	FD 3/4" IR	CS 4988
1023	249122.97	237160.86	4/21/2020	FD 2-1/2" DISK, 1/4 COR 16/21	JCS 3RD RE-ESTAB 12/8/16
1024	249104.88	239801.00	4/21/2020	FD 2-1/2" DISK, SEC COR 16/15/21/22	JCS 4TH RE-ESTAB 12/19/16
1032	249098.73	237419.40	1/9/2020	FD 3/4" SQUARE IR	CS 900
1033	248889.97	238359.40	1/15/2020	FD IR w/ YPC "L.J. FRIAR & ASSOC."	CS 6177
1034	248900.84	238310.56	4/21/2020	FD 2" PIPE w/ CAP, 1.6' DN	CS 6177
1044	248653.23	239404.23	4/21/2020	FD IR w/ YPC "HIBBS PLS 2239"	CS 12832
1048	248664.65	239376.11	1/15/2020	FD IR w/ YPC "MARQUESS & ASSOC."	CS 11910
1053*	248766.74	238916.31	4/21/2020	FD IR w/ YPC "HOFFBUHR AND ASSOC INC"	CS 19668
1068	248226.52	241589.30	1/8/2020	FD 5/8" IR, BENT NE, TIED SPIN HOLE, 1' DN	CS 3525
2000	248402.08	240889.90	1/15/2020	FD IR w/ YPC "... AES INC"	CS 22080
2001*	248351.15	240796.60	1/15/2020	FD IR w/ AC "HBH CONSULTING"	CS 20696
2002	248867.75	241701.03	1/7/2020	FD 3/4" IR	CS 3891
2003	248993.96	239862.62	1/8/2020	FD 3/4" IR	CS 3458
2004	249298.07	236808.12	1/15/2020	FD IR w/ YPC "D. MCMAHAN LS 1913"	CS 13908
2005	249306.22	236813.05	1/15/2020	FD IR w/ YPC "D. MCMAHAN LS 1913"	CS 13908
2007	249361.74	236569.32	1/14/2020	FD IR w/ YPC "D. MCMAHAN LS 1913"	CS 13908
2008	249407.45	236548.96	1/14/2020	FD IR w/ AC "LS 1913"	CS 13908
2009	249435.94	236203.59	1/14/2020	FD IR w/ YPC "D. MCMAHAN LS 1913"	CS 16290
2010	249444.13	236208.45	1/14/2020	FD 5/8" IR	CS 16290
2011	249476.39	236246.68	1/14/2020	FD IR w/ AC "LS 1913"	CS 16290
2012	249421.14	236267.94	1/14/2020	FD IR w/ YPC "D. MCMAHAN LS 1913"	CS 16290
2013	249430.84	236267.02	1/14/2020	FD 5/8" IR w/ YPC REMNANTS, LEANING N, TIED TOP	CS 16290
2014	249545.30	235944.46	1/15/2020	FD IR w/ AC "LS 1913"	CS 16290
2015	249614.21	235642.22	1/15/2020	FD IR w/ AC "LS 1913"	CS 16290
2016	248762.95	238875.48	4/21/2020	FD IR w/ YPC "HOFFBUHR AND ASSOC INC"	CS 19668
3000	248640.03	239763.83	11/15/2021	SET 1" COPPER PLUG "ODOT RESET" = RESET 1012	-
3001	248351.15	240796.60	11/15/2021	SET 1" COPPER PLUG "ODOT RESET" = RESET 2001	-

CONTROL POINT COORDINATE TABLE

FD=FOUND AC=ALUMINUM CAP IR=IRON REBAR

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
800	249112.98	237421.73	10/5/2020	FD 1" COPPER PLUG "ODOT 800"
801	248953.91	238302.26	10/5/2020	FD 1" COPPER PLUG "ODOT 801"
802	248772.73	238965.99	10/5/2020	FD 1" COPPER PLUG "ODOT 802"
803	248615.64	239831.96	10/5/2020	FD 1" COPPER PLUG "ODOT 803"
804	248443.63	240439.40	10/5/2020	FD 1" COPPER PLUG "ODOT 804"
806	248381.69	240914.15	10/5/2020	FD 1" COPPER PLUG "ODOT 806"
1238501	248486.66	241960.30	1/8/2020	FD 5/8" IR
1238502	248976.90	237557.58	1/14/2020	FD 1" COPPER PLUG "ODOT CONTROL 1238502"
1238503	249338.61	236851.21	1/15/2020	FD IR w/ AC "LS 1913"
1238505	248367.63	241221.68	1/15/2020	FD IR w/ AC "OREGON STATE HIGHWAY DIV CONTROL POINT 1238505"

GEODETIC CONTROL TABLE - NAD 83(2011) EPOCH 2010.00

PT. NO.	LATITUDE (N)	LONGITUDE (W)	ELL. HT.
1238501	42° 25' 53.31821" N	123° 02' 41.04219" W	1023.52
1238502	42° 25' 58.30423" N	123° 03' 39.72624" W	996.44
1238503	42° 26' 01.89940" N	123° 03' 49.12966" W	995.13

SHEET INDEX:

- 1 SURVEY NARRATIVES, CONTROL TABLES
- 2 SURVEY INVENTORY SHEET OF CONTROL AND MONUMENTS POTENTIALLY DISTURBED DURING PROJECT CONSTRUCTION
- 3-5 MONUMENTATION SHEETS

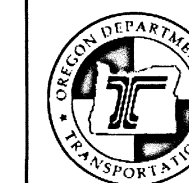
REGISTERED PROFESSIONAL LAND SURVEYOR

Jason Robert Weisz
 OREGON
 MARCH 14, 2017
 JASON ROBERT WEISZ
 91618

RENEWS: 6-30-2022

OREGON DEPARTMENT OF TRANSPORTATION

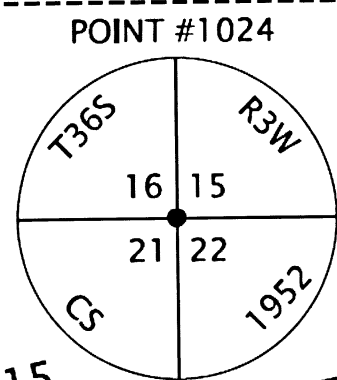
RIGHT-OF-WAY MONUMENTATION MAP
 OR 99/1-5/OR234 CURB RAMP PROJECT
 JACKSON COUNTY



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

NOVEMBER 29, 2021
 SCALE: NTS
 SHEET 1 OF 5

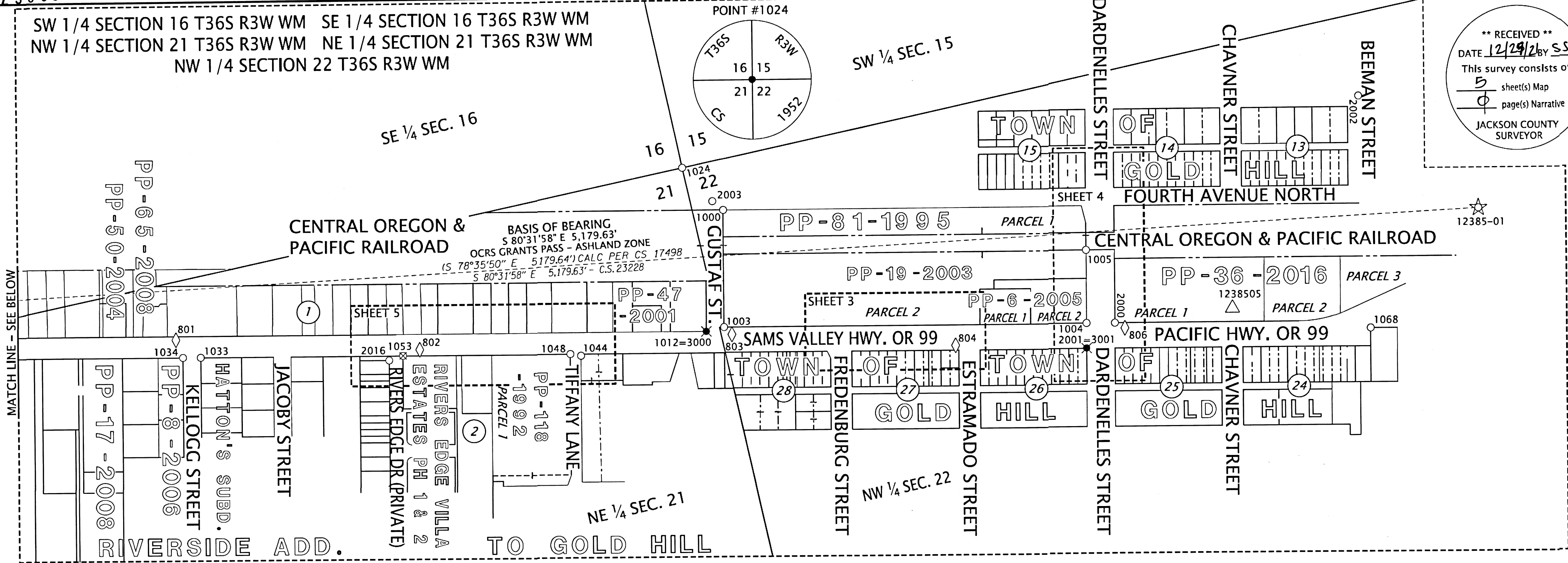
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 NW 1/4 SECTION 21 T36S R3W WM NE 1/4 SECTION 21 T36S R3W WM
 NW 1/4 SECTION 22 T36S R3W WM



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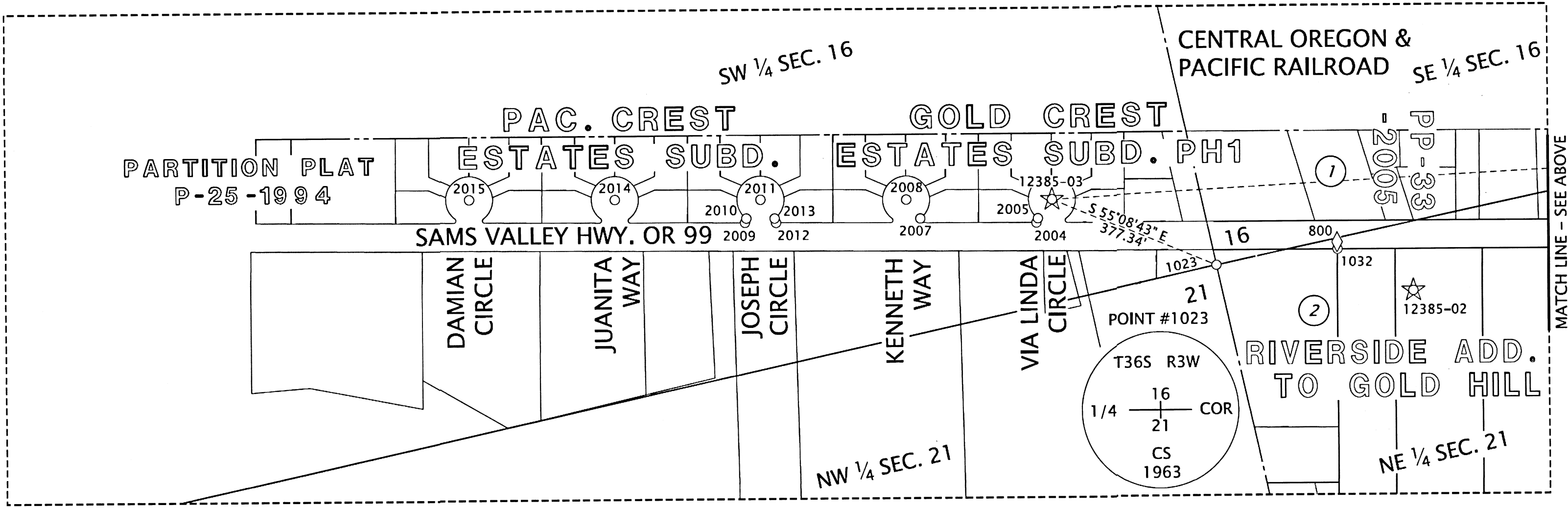
MATCH LINE - SEE BELOW

12385-01



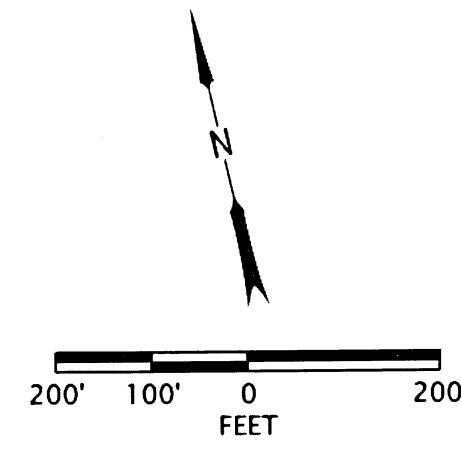
CENTRAL OREGON & PACIFIC RAILROAD
 BASIS OF BEARING
 S 80°31'58" E 5,179.63'
 OCSR GRANTS PASS - ASHLAND ZONE
 (S. 78°35'50" E 5179.64') CALC PER CS. 17498
 S 80°31'58" E 5,179.63' - C.S. 23228

PAC. CREST ESTATES SUBD. PH1
GOLD CREST ESTATES SUBD. PH1



- LEGEND**
- ☆ FOUND GPS POINT
 - △ FOUND NETWORK POINT
 - ◇ FOUND STRATEGIC POINT
 - FOUND MONUMENT
 - CALCULATED POINT
 - ⊗ POINT DESTROYED DURING CONSTRUCTION NOT RESET
 - ⊛ POINT DESTROYED DURING CONSTRUCTION AND RESET

SEE SHEET 1 FOR CONTROL AND MONUMENT TABLES



REGISTERED PROFESSIONAL LAND SURVEYOR
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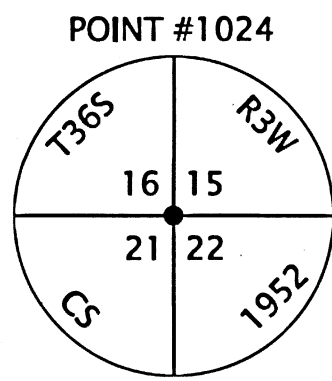
OREGON DEPARTMENT OF TRANSPORTATION
 RIGHT-OF-WAY MONUMENTATION MAP
 OR 99/I-5/OR234 CURB RAMPS PROJECT
 JACKSON COUNTY

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

NOVEMBER 29, 2021
 SCALE: 1"=200'
 SHEET 2 OF 5

SURVEY NARRATIVE

THE 'F' CENTERLINE SHOWN HEREON WAS RESOLVED UTILIZING THE RECORD GEOMETRY AND CONTROL/COORDINATE RELATIONSHIPS SHOWN ON ODOT DRAWING 10B-17-23. SEE SHEET 1 NARRATIVE FOR ADDITIONAL INFORMATION.



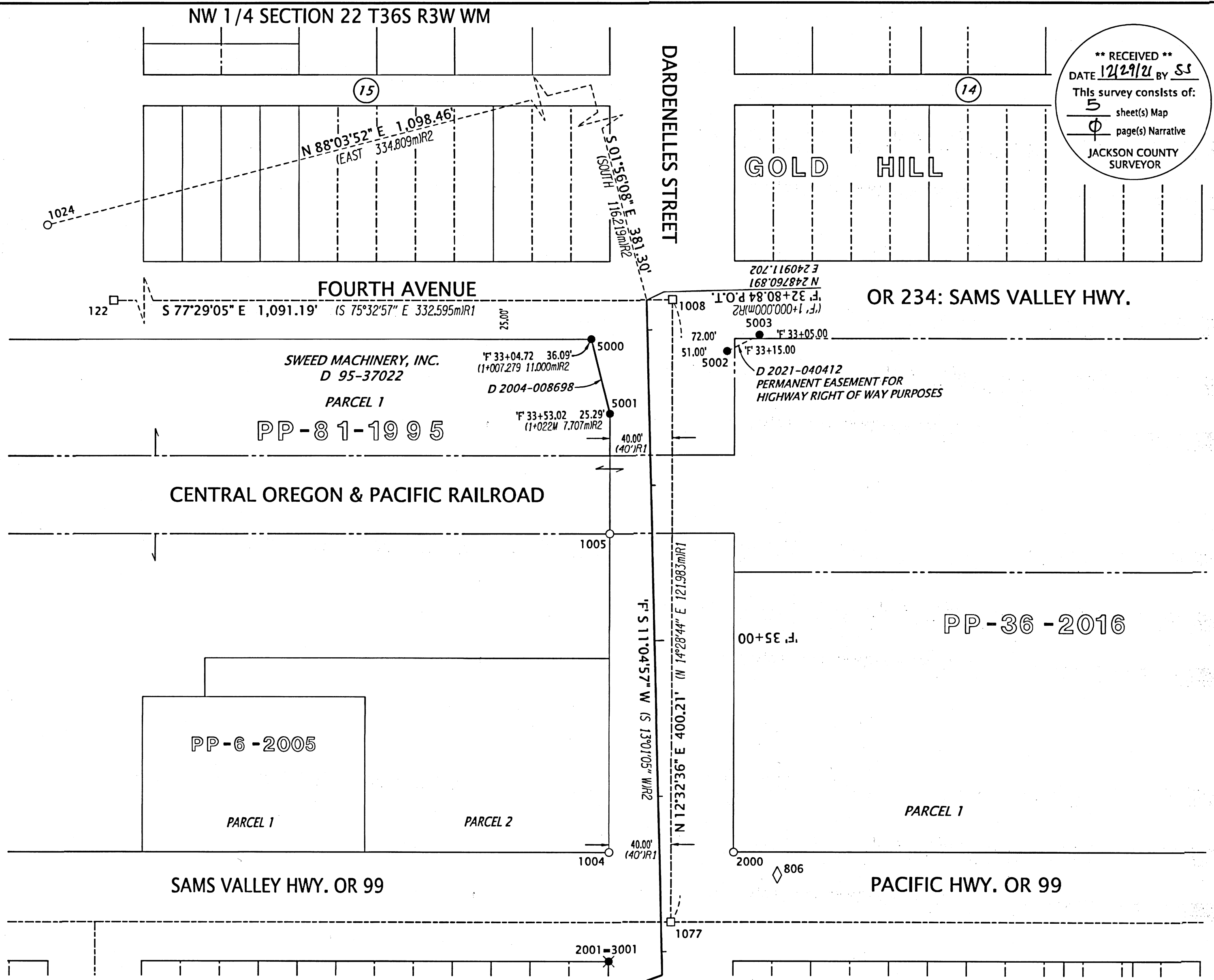
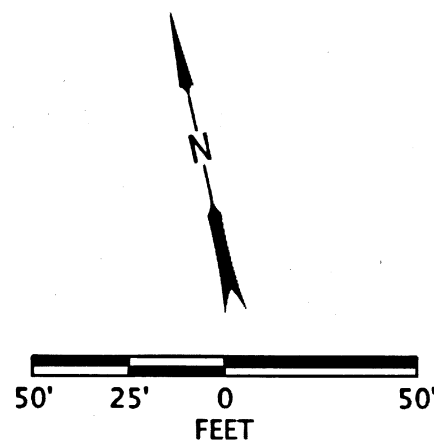
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 5 sheet(s) Map
 1 page(s) Narrative
 JACKSON COUNTY SURVEYOR

REFERENCE LEGEND

(R1)	RECORD INFORMATION PER COUNTY SURVEY NO. 17498
(R2)	RECORD INFORMATION PER ODOT DRG. 10B-17-23
(R3)	RECORD INFORMATION PER RIVERSIDE ADD. TO GOLD HILL SUBD.
(R4)	RECORD INFORMATION PER COUNTY SURVEY NO. 1401

LEGEND

☆	FOUND GPS POINT
△	FOUND NETWORK POINT
◇	FOUND STRATEGIC POINT
○	FOUND MONUMENT
□	CALCULATED POINT
✖	POINT DESTROYED DURING CONSTRUCTION AND RESET
●	SET MONUMENT



MONUMENT TABLE

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
122	-	-	248993.98	239862.66	-	CALCULATED POINT PER CS 17498	-
1004	-	-	248419.55	240811.79	1/15/2020	FD IR w/ YPC "L.J. FRIAR & ASSOC."	CS 14720
1008	-	-	248757.52	240927.92	-	CALCULATED POINT PER CS 17498 & CS 18624	-
1024	-	-	249104.88	239801.00	4/21/2020	FD 2-1/2" DISK, SEC COR 16/15/21/22	JCS 4TH RE-ESTAB 12/19/16
1077	-	-	248366.87	240841.00	-	CALCULATED POINT PER CS 17498 & CS 18624	-
2000	-	-	248402.08	240889.90	1/15/2020	FD IR w/ YPC "... AES INC"	CS 22080
2001*	-	-	248351.15	240796.60	1/15/2020	FD IR w/ AC "HBH CONSULTING"	CS 20696
3001	-	-	248351.15	240796.60	11/15/2021	SET 1" COPPER PLUG "ODOT RESET"	-
5000	'F' 33+04.72	36.09	248744.39	240871.70	11/9/2021	SET 5/8" X 30" REBAR w/AC "ODOT RIGHT OF WAY"	-
5001	'F' 33+53.02	25.29	248694.92	240873.01	11/9/2021	SET 5/8" X 30" REBAR w/AC "ODOT RIGHT OF WAY"	-
5002	'F' 33+15.00	-51.00	248717.56	240955.18	11/9/2021	SET 5/8" X 30" REBAR w/AC "ODOT RIGHT OF WAY"	-
5003	'F' 33+05.00	-72.00	248723.34	240977.71	11/9/2021	SET 5/8" X 30" REBAR w/AC "ODOT RIGHT OF WAY"	-

*=DESTROYED MONUMENT JCS=JACKSON COUNTY SURVEYOR
 AC=ALUMINUM CAP DN=DOWN CS=COUNTY SURVEY
 FD=FOUND IR=IRON REBAR YPC=YELLOW PLASTIC CAP

REGISTERED PROFESSIONAL LAND SURVEYOR

 OREGON
 MARCH 14, 2017
 JASON ROBERT WEISZ
 91618
 RENEWS: 6-30-2022

OREGON DEPARTMENT OF TRANSPORTATION
 RIGHT-OF-WAY MONUMENTATION MAP
 OR 99/I-5/OR234 CURB RAMPS PROJECT
 JACKSON COUNTY

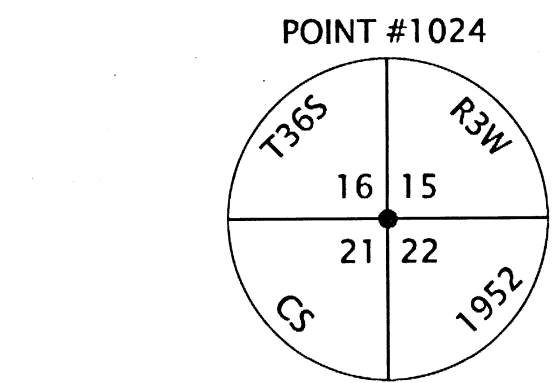
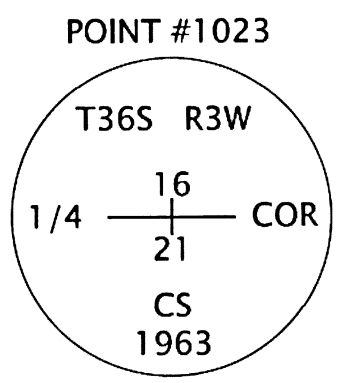
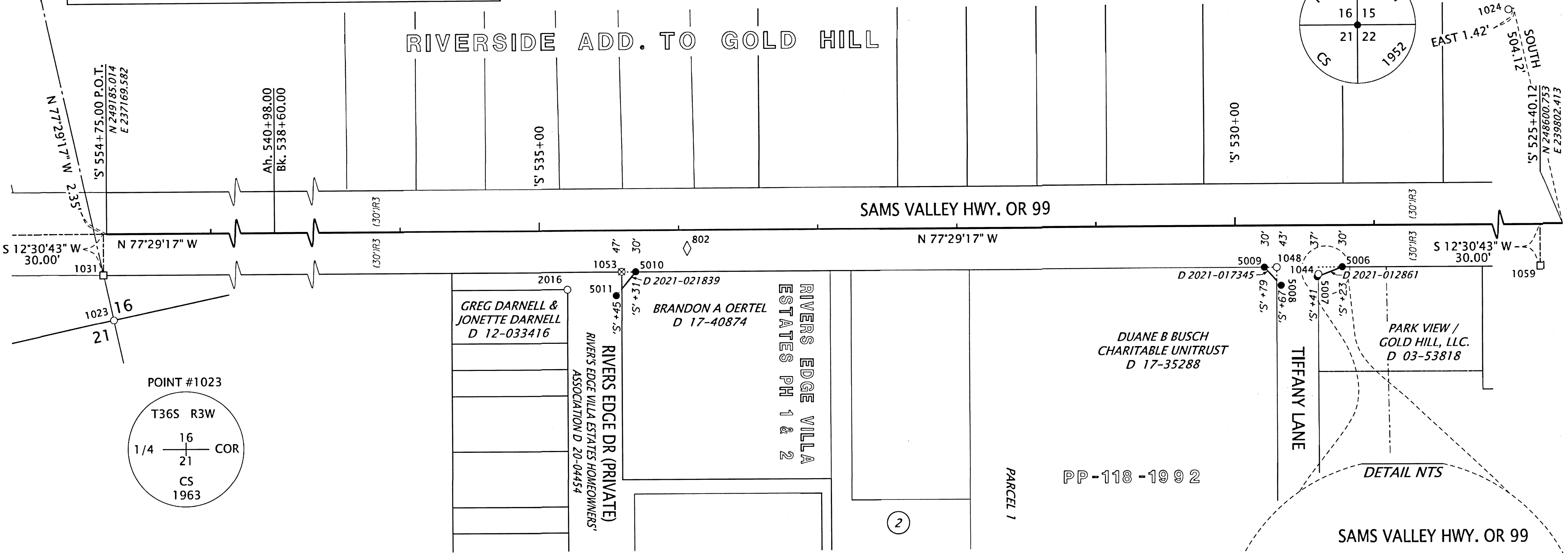
ODOT REGION 3 TECH CENTER
 100 ANTELOPE RD.
 WHITE CITY, OR 97503 KEY NO. 22144

NOVEMBER 29, 2021
 SCALE: 1"=50'
 SHEET 4 OF 5

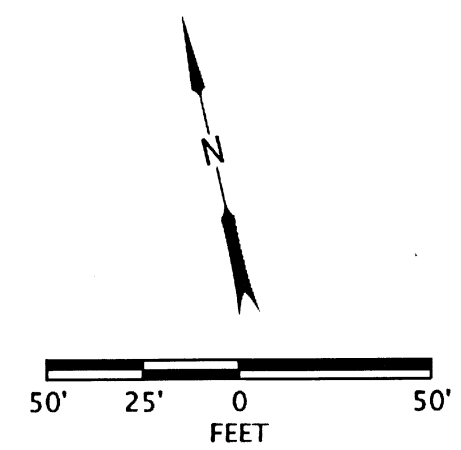
NE 1/4 SECTION 21 T36S R3W WM

REFERENCE LEGEND	
(R1)	RECORD INFORMATION PER COUNTY SURVEY NO. 17498
(R2)	RECORD INFORMATION PER ODOT DRG. 10B-17-23
(R3)	RECORD INFORMATION PER RIVERSIDE ADD. TO GOLD HILL SUBD.
(R4)	RECORD INFORMATION PER COUNTY SURVEY NO. 1401

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 This survey consists of:
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 0 page(s) Narrative
 JACKSON COUNTY SURVEYOR



SURVEY NARRATIVE
 THE 'S' CENTERLINE SHOWN HEREON WAS RESOLVED UTILIZING RECORD MONUMENT POSITIONS FROM COUNTY SURVEY NO. 17498 (SEE SHEET 1 NARRATIVE FOR INFO ON UTILIZING THIS MAP). THE RESOLUTION OF THE CENTERLINE ON SAID SURVEY 17498 DID NOT FIT THE MONUMENTS REPORTED THEREON. THE SAME CALCULATED MONUMENTS WERE UTILIZED TO COME UP WITH A NEW ALIGNMENT WHICH BETTER FIT THE MAJORITY OF SAID MONUMENTS. STATIONING SHOWN HEREON WAS ESTABLISHED BY COMING UP WITH A RESOLVED TANGENT TO THE WEST OF P.I. STATION 554+75.00 AND INTERSECTING IT WITH THE RESOLVED TANGENT SHOWN HEREON. THE RESULTING P.I. WAS HELD AS RECORD STATION 554+75.00 FROM ODOT DRAWING 3B-2-9 SINCE NO BETTER INFORMATION WAS RECOVERED.



*=DESTROYED MONUMENT JCS=JACKSON COUNTY SURVEYOR
 AC=ALUMINUM CAP DN=DOWN CS=COUNTY SURVEY
 FD=FOUND IR=IRON REBAR YPC=YELLOW PLASTIC CAP

MONUMENT TABLE

PT. NO.	STATION	OFFSET	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE DOCUMENT
1023	-	-	249122.97	237160.86	4/21/2020	FD 2-1/2" DISK, 1/4 COR 16/21	JCS 3RD RE-ESTAB 12/8/16
1024	-	-	249104.88	239801.00	4/21/2020	FD 2-1/2" DISK, SEC COR 16/15/21/22	JCS 4TH RE-ESTAB 12/19/16
1031	-	-	249156.23	237160.79	-	CALCULATED POINT PER CS 17498	-
1044	-	-	248653.23	239404.23	4/21/2020	FD IR w/ YPC "HIBBS PLS 2239"	CS 12832
1048	-	-	248664.65	239376.11	1/15/2020	FD IR w/ YPC "MARQUESS & ASSOC."	CS 11910
1053*	-	-	248766.74	238916.31	4/21/2020	FD IR w/ YPC "HOFFBUHR AND ASSOC INC"	CS 19668
1059	-	-	248574.99	239780.05	-	CALCULATED POINT PER CS 17498	-
2016	-	-	248762.95	238875.48	4/21/2020	FD IR w/ YPC "HOFFBUHR AND ASSOC INC"	CS 19668
5006	'S' 529+23.00	-30.00	248654.41	239422.13	11/9/2021	SET 5/8" X 30" REBAR w/AC "ODOT RIGHT OF WAY"	-
5007	'S' 529+41.00	-37.00	248651.48	239403.04	11/9/2021	SET 5/8" X 30" REBAR w/AC "ODOT RIGHT OF WAY"	-
5008	'S' 529+67.00	-43.00	248651.25	239376.35	11/9/2021	SET 5/8" X 30" REBAR w/AC "ODOT RIGHT OF WAY"	-
5009	'S' 529+79.00	-30.00	248666.55	239367.46	11/9/2021	SET 5/8" X 30" REBAR w/AC "ODOT RIGHT OF WAY"	-
5010	'S' 534+31.00	-30.00	248764.47	238926.19	11/9/2021	SET 5/8" X 30" REBAR w/AC "ODOT RIGHT OF WAY"	-
5011	'S' 534+45.00	-47.00	248750.91	238908.84	11/9/2021	SET 5/8" X 30" REBAR w/AC "ODOT RIGHT OF WAY"	-

LEGEND	
☆	FOUND GPS POINT
△	FOUND NETWORK POINT
◇	FOUND STRATEGIC POINT
○	FOUND MONUMENT
□	CALCULATED POINT
⊗	POINT DESTROYED DURING CONSTRUCTION NOT RESET
●	SET MONUMENT

REGISTERED PROFESSIONAL LAND SURVEYOR

JASON ROBERT WEISZ
 OREGON
 MARCH 14, 2017
 91618
 RENEWS: 6-30-2022

OREGON DEPARTMENT OF TRANSPORTATION
 RIGHT-OF-WAY MONUMENTATION MAP
 OR 99/I-5/OR234 CURB RAMPS PROJECT
 JACKSON COUNTY

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

NOVEMBER 29, 2021
 SCALE: 1"=50'
 SHEET 5 OF 5