

Date: 7-19-2023 By: EB
 This survey consist of:
 Map: St. Hwy 15-037 A & B
 Narrative: _____
 Corner Rpt: _____
 DOUGLAS COUNTY
 SURVEYOR

SHEET INDEX:

- 1-SURVEY NARRATIVE, CONTROL NARRATIVE, CONTROL TABLE
- 2-SURVEY SHEET

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 FIELD WORK FOR THIS PROJECT WAS INITIATED IN NOVEMBER OF 2020 AND CARRIED ON INTERMITTENTLY THROUGH NOVEMBER OF 2022. 2 LEICA GS14 GNSS RECEIVERS, 2 LEICA CS20 DATA COLLECTORS, AND 1 LEICA TS16 TOTAL STATION WERE UTILIZED TO PERFORM THE FIELD WORK.

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.

FOUND NETWORK POINTS AND FOUND MONUMENTATION SHOWN HEREON WERE MEASURED UTILIZING A MINIMUM OF 2 REDUNDANT 60 EPOCH GNSS OBSERVATIONS WHILE CONNECTED TO THE 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.

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 I-5: EXIT 125 NORTHBOUND AT GARDEN VALLEY BLVD PROJECT. THE PURPOSE OF THIS SURVEY IS TO RECORD THE POSITIONS OF CONTROL POINTS AND THE MONUMENTS OF RECORD, RESOLVE THE EXISTING RIGHT OF WAY (R/W) CENTERLINE, AND DEFINE THE EXISTING RIGHT OF WAY LINES AS DIRECTED IN OREGON REVISED STATUTE (ORS)209.155. SURVEY WORK FOR THIS PROJECT WAS PERFORMED BY ODOT SURVEY CREWS BETWEEN NOVEMBER 2020 TO NOVEMBER 2022.

THE SCOPE OF THIS PROJECT IS FOR PROPOSED ADA UPGRADES, SIGNAL AND SIGNING UPGRADES AND ADDING A DESIGNATED RIGHT TURNING LANE TO THE NORTHBOUND OFFRAMP ONTO GARDEN VALLEY BLVD. ORIGINALLY ODOT HAD IMPROVEMENT PROJECTS IN THIS SAME AREA. SURVEYS AND ACQUISITIONS TOOK PLACE AS EVIDENCED BY ODOT MAP NOS. 7B-7-11 AND 2L-48 AND CORRESPONDING HORIZONTAL CONTROL AND RECOVERY SURVEY FILED AS ST.HWY. 15-006 IN THE DOUGLAS COUNTY SURVEYORS OFFICE.

PER FILED SURVEY ST. HWY. 15-006, FOUND CONTROL MONUMENT NUMBERS 46; 523; 524 AND "I-DID" AS WELL AS FOUND MONUMENT NUMBERS 1029 (#1067 FROM SAID SURVEY) AND 1032 ("NWDLC56" FROM SAID SURVEY) WERE RECOVERED AND TIED WITH 2 INDEPENDENT 60 SECOND ORGN OBSERVATIONS SEPARATED BY A MINIMUM OF 30 MINUTES. THIS ESTABLISHED A METHOD FOR MOVING THE OLD SURVEY DATA OVER ONTO THE CURRENT OCRS COORDINATE SYSTEM VALUES. THE NEW TIES FIT THE RELATIVE RECORD VALUES OF THE CONTROL AND MONUMENTS WELL, WITH THE EXCEPTION OF POINT NUMBER 46. POINT NUMBER 46 APPEARS TO HAVE BEEN DISTURBED SO THE NEW TIE VALUES WERE HELD. ALL FOUND OR SET MONUMENTS PER SAID SURVEY NOW HAVE NEW COORDINATE VALUES AND IF DISTURBED CAN BE RESET IN THEIR ORIGINAL LOCATIONS BASED ON THIS SURVEY.

"GV" & "GV1" CENTER LINE RIGHT OF WAY RESOLUTION:
 THE RECORD ALIGNMENT OF RIGHT OF WAY DRAWINGS 7B-7-11 AND 2L-48 (BOTH DRAWINGS REFERENCE THE SAME ALIGNMENT FOR GARDEN VALLEY) WAS DRAWN IN AND THEN PLACED BY HOLDING THE RECORD RELATIONSHIP BETWEEN THE "GV" P.I. AND THE FOUND MONUMENT "I-DID" (AS SHOWN ON 2L-48) THEN IT WAS ROTATED INTO PLACE BY HOLDING THE RECORD 30 FOOT RIGHT OF WAY WIDTH ON THE NORTHERLY SIDE OF CENTER LINE FROM MONUMENT 1003 AS SHOWN ON M69-74.

REFERENCE DOCUMENTS USED:	DEEDS USED:	ASSESSOR'S MAPS:
2L-48 EDEN HEIGHTS CS39-8 EXTENSION CS51-330 (Vol. 6 Pg. 42) CS 55-49 CS 55-59-003 MULHOLLAND M1-55 MEADOWS M65-6 (Vol. 6 Pg. 54) M69-74 M91-64 M102-30 M117-12 M118-70 M127-59 M133-69 M175-40 M178-24	80-01158 82-11103 98-24124 2005-010027 2006-026434 2020-017199 BK.219, PG.119 (H6015-RW13756)	2706W13 2706W13BA

LINE LEGEND	
EXISTING SUBDIVISION OR LOT LINE	GOVERNMENT DLC LINE (BOTH SIDES)
RESOLVED RIGHT-OF-WAY LINE	CENTERLINE
RESOLVED STATE RIGHT-OF-WAY (ACCESS CONTROLLED)	EDGE OF PAVEMENT
EXISTING RIGHT-OF-WAY / PROPERTY LINE	FENCE

CONTROL POINT TABLE:

FD. = FOUND ALUM. = ALUMINUM

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
46	143274.389	157093.634	6/23/2020	FD. 5/8" IRON ROD WITH 1-1/2" BRASS CAP STAMPED "ODOT CONTROL 46"
523	143984.083	156489.279	10/28/2020	FD. 5/8" IRON ROD WITH 1-1/2" ALUM. CAP STAMPED "ODOT HORIZ. CONTROL 523"
524	143024.294	156831.141	10/28/2020	FD. 5/8" IRON ROD WITH 1-1/2" ALUM. CAP STAMPED "ODOT HORIZ. CONTROL 524"
821	142864.410	157111.538	6/23/2020	FD. MAGNAIL W/ WASHER STAMPED "ODOT CONTROL 821"
827	143671.300	156548.355	10/28/2020	SET 1" COPPER PLUG STAMPED "ODOT 827"
828	143423.573	157045.451	8/31/2021	SET 1" COPPER PLUG STAMPED "ODOT 828"
829	143371.508	156810.109	12/2/2020	FD. MAGNAIL IN SCORE JOINT OF SIDEWALK
830	143630.959	156275.531	10/28/2020	SET 1" COPPER PLUG STAMPED "ODOT 830"
831	143720.570	155932.201	10/28/2020	SET 1" COPPER PLUG STAMPED "ODOT 831"
832	143442.324	156529.583	10/28/2020	SET 1" COPPER PLUG STAMPED "ODOT 832"
I-DID	143382.919	156770.947	10/28/2020	FD. 3" BRASS DISK STAMPED "DOUGLAS CO. SURVEYORS OFFICE 1980 I-DID"

REGISTERED PROFESSIONAL LAND SURVEYOR
Eric P. Hibbs
 OREGON
 NOVEMBER 13, 2018
 ERIC BENJAMIN HIBBS
 90437PLS
 RENEWS: 06/30/2025

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 I-5: EXIT 125 NORTHBOUND AT
 GARDEN VALLEY BLVD.
 PACIFIC HIGHWAY
 DOUGLAS COUNTY



ODOT REGION 3 TECH CENTER
 3500 NW STEWART PARKWAY
 ROSEBURG, OR 97470 KEY NO. 21679

JULY 18, 2023
 SCALE: NTS
 SHEET 1 OF 2

NW 1/4 SECTION 13, T.27S., R.6W., W.M.

FILED

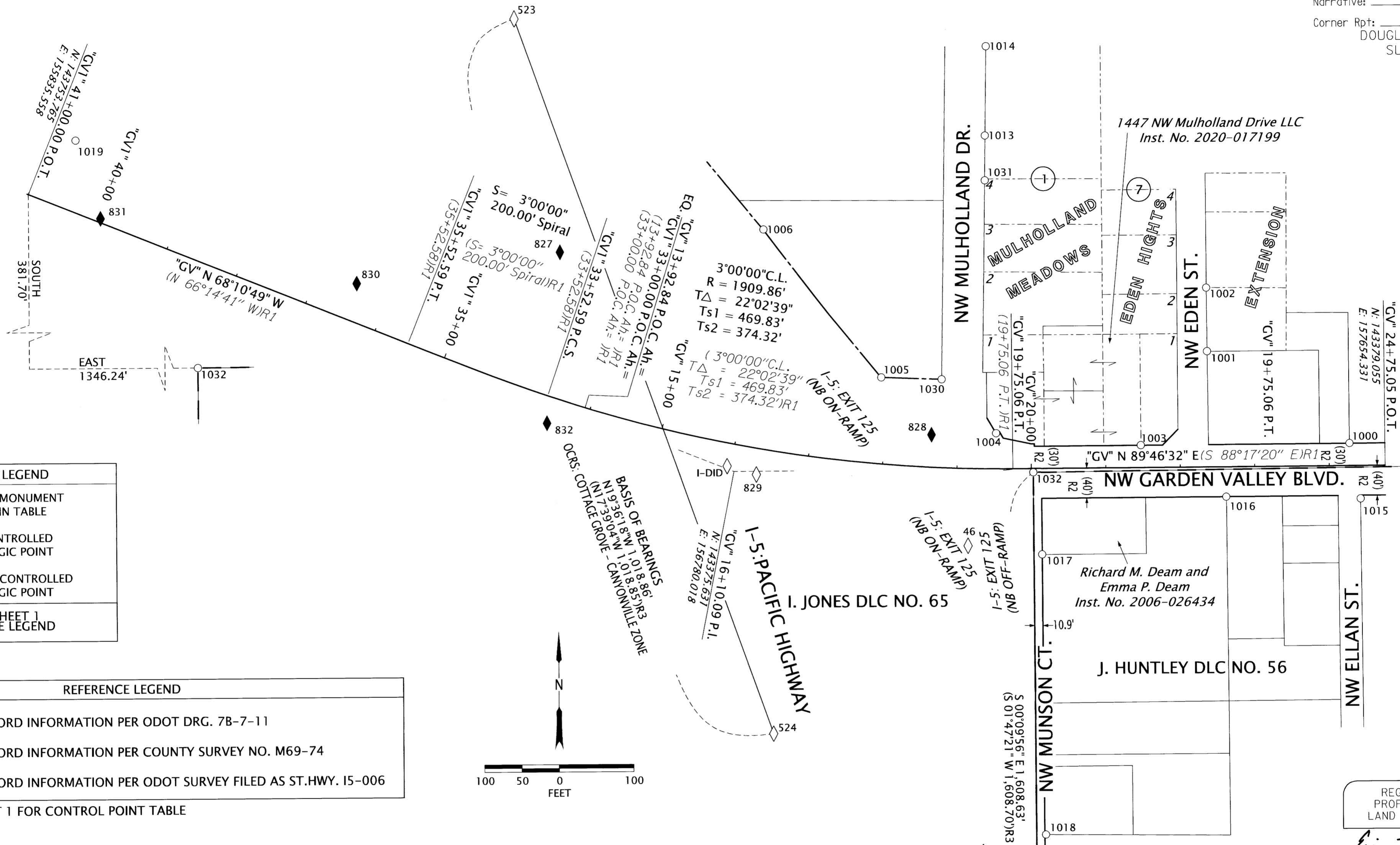
Date: 7-19-2023 By: [Signature]

This survey consist of:

Map: St. Hwy I5-037A & B

Narrative:

Corner Rpt: DOUGLAS COUNTY SURVEYOR



POINT LEGEND	
○	FOUND MONUMENT NOTED IN TABLE
◆	SET CONTROLLED STRATEGIC POINT
◇	FOUND CONTROLLED STRATEGIC POINT
SEE SHEET 1 FOR LINE LEGEND	

REFERENCE LEGEND	
(R1)	RECORD INFORMATION PER ODOT DRG. 7B-7-11
(R2)	RECORD INFORMATION PER COUNTY SURVEY NO. M69-74
(R3)	RECORD INFORMATION PER ODOT SURVEY FILED AS ST.HWY. 15-006

NOTE: SEE SHEET 1 FOR CONTROL POINT TABLE

RECOVERED MONUMENT TABLE:

PT. NO.	OCRS NORTHING	OCRS EASTING	STATION	OFFSET (- IS LEFT)	DATE	DESCRIPTION	REFERENCE
1000	143408.949	157606.714	"GV" 24+27.55	-30.08	3/4/2021	FD. 5/8" IRON ROD 1.0' BELOW GROUND BENT SOUTHWESTERLY TIED AT BEND, POOR CONDITION	CS 55/49
1001	143533.357	157416.277	-	-	3/4/2021	FD. 5/8" IRON ROD WITH 1-1/4" YPC. STAMPED "HIBBS LS 52989" FLUSH WITH CONCRETE WALK, GOOD CONDITION	M 178-24
1002	143618.195	157415.623	-	-	3/4/2021	FD. 5/8" IRON ROD 0.25' BELOW GRAVEL SURFACE, GOOD CONDITION	CS 55/49
1003	143407.771	157326.402	"GV" 21+47.24	-30.00	3/4/2021	FD. 3/4" SMOOTH IRON ROD 0.15' ABOVE GROUND, GOOD CONDITION	M 65-6
1004	143424.934	157132.141	"GV" 19+52.47	-47.75	3/4/2021	FD. MAG NAIL	-
1005	143501.055	156978.625	"GV" 17+88.19	-116.07	3/4/2021	FD. 5/8" IRON ROD WITH 1-1/4" YPC. STAMPED "BAUGHMAN TECH SER." FLUSH WITH GROUND, GOOD CONDITION	M 117-12
1006	143699.824	156821.741	"GV" 15+81.68	-289.78	3/4/2021	FD. 1-1/4" OUTSIDE DIAMETER IRON PIPE 0.5' BELOW GROUND, LEANS SOUTH WESTERLY, FAIR/POOR CONDITION	CS 51/330
1013	143824.062	157119.817	-	-	3/4/2021	FD. 5/8" IRON ROD WITH 1-1/4" YPC STAMPED "I.E. ENG." ABOVE GROUND 0.1', GOOD CONDITION	M 118-70
1014	143943.559	157121.963	-	-	3/25/2021	FD. 5/8" IRON ROD WITH 1-1/4" YPC STAMPED "I.E. ENG." 0.2' BELOW GROUND 0.8' BEHIND WALK, GOOD CONDITION	M 118-70
1015	143334.694	157621.241	"GV" 24+41.79	44.23	3/25/2021	FD. 5/8" IRON ROD WITH 1-1/4" YPC STAMPED "BENTZ SURV. INC." FLUSH IN ASPHALT, GOOD CONDITION	M 102-30
1016	143338.083	157440.788	"GV" 22+61.35	40.13	3/25/2021	FD. 5/8" IRON ROD 0.55' BELOW GROUND 0.7' BEHIND WALK, GOOD CONDITION	M 91-64
1017	143262.206	157192.982	-	-	3/25/2021	FD. 5/8" IRON ROD 0.04' ABOVE GROUND, GOOD CONDITION	M 91-64
1018	142887.133	157195.552	-	-	3/25/2021	FD. 3/4" OUTSIDE DIAMETER IRON PIPE 0.3' BELOW GROUND, GOOD CONDITION	CS 39/8
1019	143825.823	155899.427	"GV1" 40+67.49	90.63	3/25/2021	FD. 5/8" IRON ROD WITH 1-1/4" YPC STAMPED "LANDMARK" ALMOST ILLEGIBLE FLUSH IN ASPHALT 0.18' FROM GUTTER LINE OF CURB, GOOD CONDITION	M 138-69
1029	141763.443	157186.450	-	-	3/25/2021	FD. 5/8" IRON ROD 0.4' BELOW GROUND 0.5' FROM CHAIN LINK FENCE POST WITH ANGLE IRON, GOOD CONDITION	M 1-55
1030	143497.983	157059.633	"GV" 18+74.53	-118.78	3/25/2021	FD. 5/8" IRON ROD WITH 1-1/4" YPC STAMPED "BAUGHMAN TECH SER." FLUSH, GOOD CONDITION	M 117-12
1031	143763.952	157119.289	-	-	3/25/2021	FD. 5/8" IRON ROD 0.25' ABOVE GROUND 0.9' BEHIND WALK 0.5' TO "SPEED 35 MPH" SIGN, GOOD CONDITION	M 127-59
1032	143372.062	157181.801	"GV" 20+02.50	5.14	6/24/2021	FD. 3" BRASS CAP IN MON BOX STAMPED "DOUGLAS CO. SURVEYORS T27S R6W SLC 65, DLC 56"	DCSO RENEWAL 056020

FD = FOUND YPC=YELLOW PLASTIC CAP

REGISTERED PROFESSIONAL LAND SURVEYOR

[Signature]


OREGON NOVEMBER 13, 2018 ERIC BENJAMIN HIBBS 90437PLS

RENEWS: 06/30/2025

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP

I-5: EXIT 125 NORTHBOUND AT GARDEN VALLEY BLVD. PACIFIC HIGHWAY DOUGLAS COUNTY



ODOT REGION 3 TECH CENTER 3500 NW STEWART PARKWAY ROSEBURG, OR 97470 KEY NO. 21679

JULY 18, 2023 SCALE: 1" = 100' SHEET 2 OF 2

ST. HWY. I5-037 B