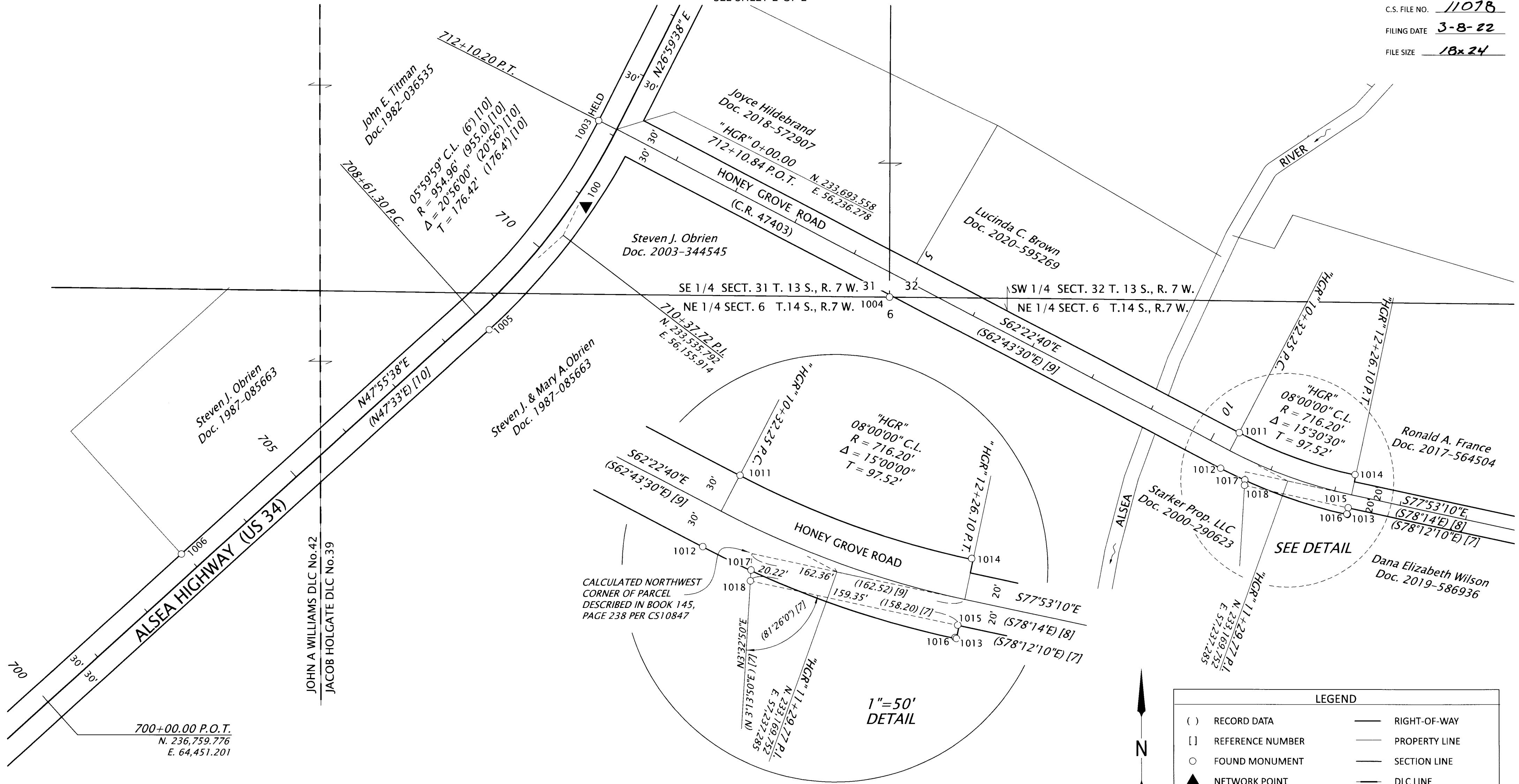


THOMAS HAYDEN DLC No.38, JACOB HOLGATE DLC NO.39, JOHN A WILLIAMS DLC No.42
 SE 1/4 SECTION 31 T13S R7W WM, SW 1/4 SECTION 32 T13S R7W WM, NE 1/4 SECTION 6 T14S R7W WM

BENTON COUNTY
 SURVEYOR'S OFFICE
 C.S. FILE NO. 1107B
 FILING DATE 3-8-22
 FILE SIZE 18x24

SEE SHEET 2 OF 2



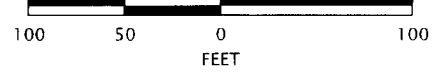
CONTROL POINT TABLE

POINT	NORTHING	EASTING	DESCRIPTION
100	233579.23	56190.02	SET 1-1/8" COPPER PLUG IN A.C., EAST SIDE OF HWY, APPROX. 120' S. OF HONEYGROVE RD

RECOVERED MONUMENT TABLE

POINT	NORTHING	EASTING	STATION	OFFSET	DATE	DESCRIPTION
1003	233706.61	56209.26	712+10.20	30.00 LT	9/29/2021	FND 5/8" I.R., NO CAP, DOWN 0.3', STA.710+10.2 ODOT DRG. 1B-28-24
1004	233443.25	56643.29	"HGR" 4+76.67	33.08 RT	9/29/2021	FND 3-1/4" BRASS DISC IN 2" I.P., UP 0.1', CORNER RESTORATION 137200100-3559
1005	233395.15	56045.26	708+61.34	30.25 RT	9/29/2021	FND 1/2" I.R., NO CAP, DOWN 0.8', STA.708+61.3 ODOT DRG. 1B-28-24
1006	233060.35	55585.09	702+95.41	29.58 LT	9/29/2021	FND 5/8" I.R., W/RPC STAMPED "NORTHSTAR PLS 1823, UP 0.2", CS 8296
1011	233241.66	57165.07	"HGR" 10+32.45	30.23 LT	11/9/2021	FND 5/8" I.R., NO CAP, DOWN 1.5', NO RECORD, SEE REFERENCE [8], FIRST NOTED IN CS6002
1012	233188.66	57137.09	"HGR" 10+32.23	29.70 RT	11/9/2021	FND 3/4" I.R., NO CAP, DOWN 0.4', NO RECORD AS TO BEING SET, SEE REFERENCE [8]
1013	233120.10	57326.33	"HGR" 12+26.06	29.87 RT	11/9/2021	FND 3/4" I.R., NO CAP, DOWN 0.3', NO RECORD AS TO BEING SET, SEE REFERENCE [8]
1014	233179.46	57337.89	"HGR" 12+24.85	30.60 LT	11/9/2021	FND 5/8" I.R., NO CAP, UP 0.3', CS6513
1015	233130.07	57327.39	"HGR" 12+25.04	19.89 RT	11/9/2021	FND 5/8" I.R., W/RPC STAMPED "NORTHSTAR SURVEYING", UP 0.1', CS10847
1016	233120.83	57325.41	"HGR" 12+25.05	29.34 RT	12/2/2021	FND 5/8" I.R., W/RPC, STAMPED "NORTHSTAR SURVEYING", DOWN 1.0, CS10847
1017	233171.18	57173.12	"HGR" 10+70.69	29.56 RT	12/2/2021	FND 5/8" I.R., W/RPC STAMPED "NORTHSTAR SURVEYING", UP 0.1', CS10847
1018	233163.19	57172.64	"HGR" 10+73.43	37.03 RT	12/2/2021	FND 3/4" I.R., NO CAP, DOWN 0.4', COUNTY ROAD 47403 PLAN AND PROFILE DATED JANUARY 1963

LEGEND	
()	RECORD DATA
[]	REFERENCE NUMBER
○	FOUND MONUMENT
▲	NETWORK POINT
I.R.	IRON ROD
I.P.	IRON PIPE
A.C.	ASPHALT CONCRETE
—	RIGHT-OF-WAY
—	PROPERTY LINE
—	SECTION LINE
—	DLC LINE
- - -	CALCULATED LINE
RPC	RED PLASTIC CAP



3/7/2022
 REGISTERED PROFESSIONAL LAND SURVEYOR
William L. Baierski
 OREGON
 JANUARY 21, 1992
 WILLIAM L. BAIERSKI
 2531
 RENEWS: 12-31-2023

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
 OR 34, RYDER CREEK CULVERT MAINTENANCE PROJECT
 ALSEA HIGHWAY No.27
 BENTON COUNTY
 OREGON
 ODOT REGION 2
 455 AIRPORT RD. S.E. BLDG A.
 SALEM, OR 97301 KEY NO. M21033
 JANUARY 18, 2022
 SCALE: 1" = 100'
 SHEET 1 OF 2

THOMAS HAYDEN DLC No.38, JACOB HOLGATE DLC NO.39, JOHN A WILLIAMS DLC No.42
SE 1/4 SECTION 31 T13S R7W WM, SW 1/4 SECTION 32 T13S R7W WM, NE 1/4 SECTION 6 T14S R7W WM

BENTON COUNTY
SURVEYOR'S OFFICE

C.S. FILE NO. 11078
FILING DATE 3-8-22
FILE SIZE 18x24

NARRATIVE

Purpose of this survey:

This is a recovery survey to reference found monuments, delineate the right of way (R/W) lines and establish horizontal control for a proposed Oregon Department of Transportation (ODOT) project. Said project has been assigned maintenance project number M21033, Ryder Creek culvert replacement in conformance with ORS 209.155.

Horizontal coordinates and bearings shown here are referenced to NAD83 (2011) EPOCH 2010.00 Oregon Coordinate Reference System (OCRS), Eugene zone, International foot.

Basis of bearings for this survey is grid bearing between points #1003 and #1008 of North 26°59'38" East and also being the tangent bearing for the Alsea Highway No. 27 (US34) between centerline stations 712+10.20 and 734+94.88.

Horizontal control for this survey was completed October 2021. Observed Real-Time Kinematic (RTK) vector were by LEICA GS 14 dual frequency receiver. Terrestrial measurements were by LEICA TS15 Total Station. Both sets of measures were adjusted simultaneously using STARNET PRO V9.2. The resultant error ellipse semi-major axis lengths at the 95% confidence level for the control points were less than 0.05'. The RTK-GPS were constrained by holding the ODOT published latitude and longitude values for CORS station, 0374, Alsea.

Resolved Highway Alignment:

The Alsea Highway (US34) was retraced by holding monument #1003 on the westerly R/W point of tangency at station 712+10.20 as depicted on ODOT DRG 1B-28-24. Said point #1003 was also recovered and held as part of County Survey 8211. Then using said point #1003 as the pivot point to rotate said western R./W line to that of #1009. This solution fits well with record geometry and the 60-foot R/W width of ODOT monuments #1008 and #1005. Record delta angles and arc lengths were held to calculate the curves.

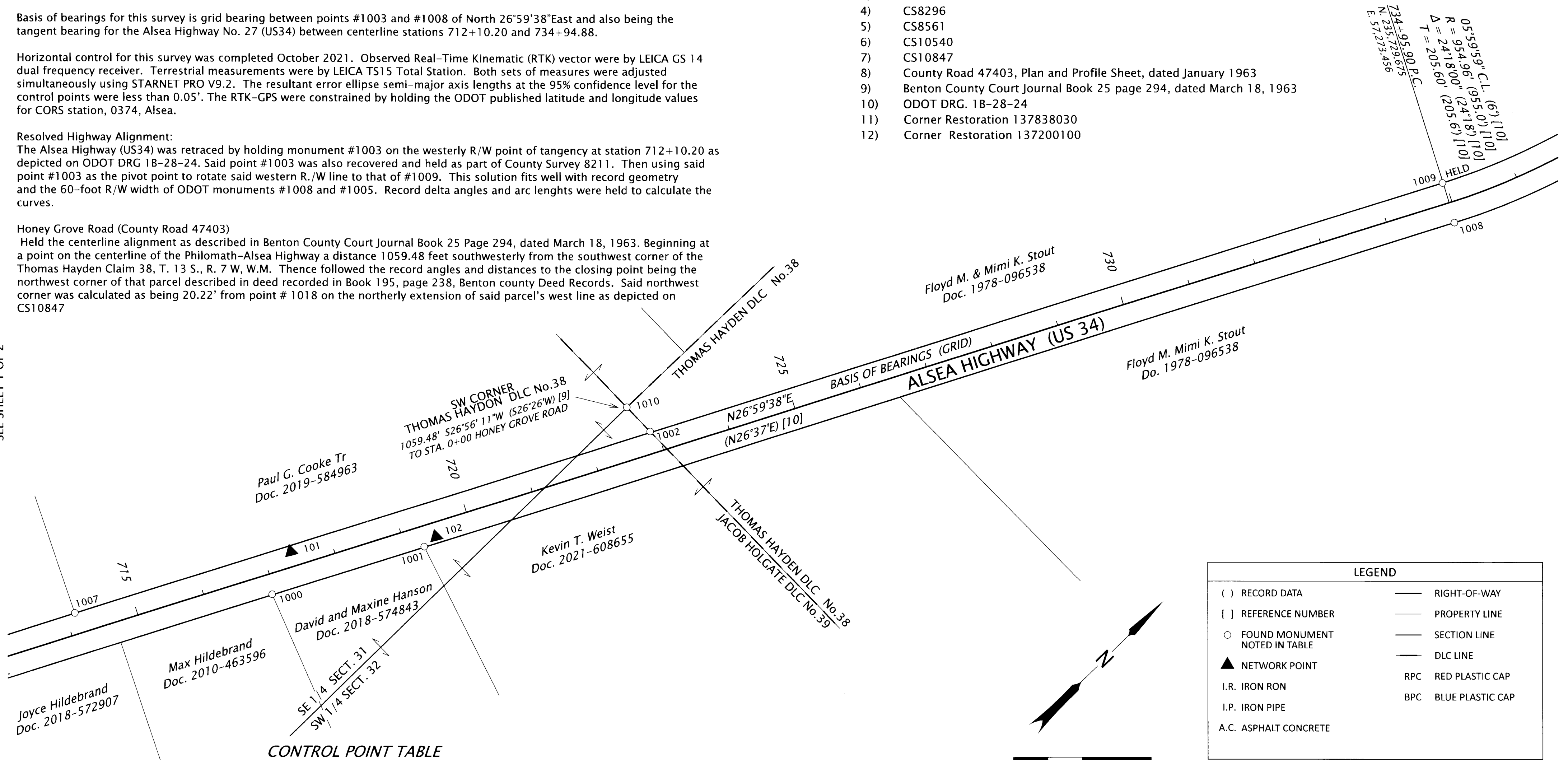
Honey Grove Road (County Road 47403)

Held the centerline alignment as described in Benton County Court Journal Book 25 Page 294, dated March 18, 1963. Beginning at a point on the centerline of the Philomath-Alsea Highway a distance 1059.48 feet southwesterly from the southwest corner of the Thomas Hayden Claim 38, T. 13 S., R. 7 W, W.M. Thence followed the record angles and distances to the closing point being the northwest corner of that parcel described in deed recorded in Book 195, page 238, Benton county Deed Records. Said northwest corner was calculated as being 20.22' from point # 1018 on the northerly extension of said parcel's west line as depicted on CS10847

REFERENCES

- 1) CS6002
- 2) CS6513
- 3) CS8211
- 4) CS8296
- 5) CS8561
- 6) CS10540
- 7) CS10847
- 8) County Road 47403, Plan and Profile Sheet, dated January 1963
- 9) Benton County Court Journal Book 25 page 294, dated March 18, 1963
- 10) ODOT DRG. 1B-28-24
- 11) Corner Restoration 137838030
- 12) Corner Restoration 137200100

SEE SHEET 1 OF 2



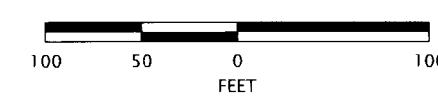
CONTROL POINT TABLE

POINT	NORTHING	EASTING	DESCRIPTION
101	234174.49	56457.13	SET 1-1/8" COPPER PLUG IN NW COR OF A.C. DRIVEWAY TO HOUSE #19587
102	234340.36	56588.88	SET 1-1/8" COPPER PLUG IN NE COR OF A.C. DRIVEWAY "PUMPKIN LN" TO HOUSE #19592

RECOVERED MONUMENT TABLE

POINT	NORTHING	EASTING	STATION	OFFSET	DATE	DESCRIPTION
1000	234111.82	56482.24	716+95.17	29.32 RT	9/29/2021	FND 5/8" I.R., NO CAP, DOWN 0.1', CS6002
1001	234318.13	56587.23	719+26.66	29.22 RT	9/29/2021	FND 5/8" I.R., W/BPC STAMPED "DARRYL HARMS PLS 1079", UP 0.1', CS10540
1002	234669.02	56697.95	722+89.58	31.38 LT	9/29/2021	FND 5/8" I.R., W/RPC STAMPED "NORTHSTAR PLS 1823, CS 8211
1007	233887.95	56301.33	714+13.57	30.27 LT	9/29/2021	FND 5/8" I.R., W/RPC STAMPED "NORTHSTAR PLS 1823, UP 0.2', CS 8211
1008	235714.56	57299.46	734+94.24	30.03 RT	9/29/2021	FND 5/8" I.R., NO CAP, DOWN 0.2', STA.734+95.9 ODOT DRG. 1B-28-24
1009	235742.38	57246.26	734+94.88	30.00 LT	9/29/2021	FND 1/2" I.R., NO CAP, DOWN 0.8' UNDER WIRE FENCE, TOP 0.7' BENT W'LY, TIED AT BEND, STA.734+95.9 ODOT DRG. 1B-28-24
1010	234669.27	56649.17	722+67.66	74.96 LT	10/7/2021	FND 3-1/4" BRASS DISC IN 2' I.P., UP 0.2', 137838030R2

LEGEND	
() RECORD DATA	— RIGHT-OF-WAY
[] REFERENCE NUMBER	— PROPERTY LINE
○ FOUND MONUMENT NOTED IN TABLE	— SECTION LINE
▲ NETWORK POINT	— DLC LINE
I.R. IRON RON	RPC RED PLASTIC CAP
I.P. IRON PIPE	BPC BLUE PLASTIC CAP
A.C. ASPHALT CONCRETE	



3/7/2022
REGISTERED PROFESSIONAL LAND SURVEYOR
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