

NE 1/4 SECTION 22 T1N R23E WM SE 1/4 SECTION 22 T1N R23E WM  
 SW 1/4 SECTION 22 T1N R23E WM NW 1/4 SECTION 27 T1N R23E WM  
 NE 1/4 SECTION 27 T1N R23E WM

RECEIVED BY  
 Morrow County Surveyor  
 Date: 5-10-2024  
 Rec'd By: MPK  
 No.: 2024-2067 C  
 Folder No.: 2067

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE EXISTING RIGHT OF WAY FOR A PORTION OF HEPPNER HIGHWAY (OR74) FROM MILEPOINT 20 TO MILEPOINT 21 FOR AN UPCOMING EMBANKMENT WIDENING PROJECT. THIS SURVEY PERPETUATES THOSE SURVEY MONUMENTS WITHIN THE PROJECT LIMITS IN JEOPARDY OF BEING DESTROYED BY THE FUTURE CONSTRUCTION PROJECT. THIS SURVEY MEETS THE REQUIREMENTS FOR A RECOVERY SURVEY AS OUTLINED IN THE OREGON REVISED STATUTES, SECTION 209.155.

THIS SURVEY WAS PERFORMED IN INTERNATIONAL FEET UNITS.

THIS SURVEY WAS PERFORMED BETWEEN THE MONTHS OF JANUARY AND APRIL 2024. THE SURVEY EQUIPMENT USED CONSISTED OF LEICA GS-14 RECEIVERS, LEICA TS16 TOTAL STATIONS, AND LEICA CS20 SURVEY CONTROLLERS.

HEPPNER HIGHWAY (OR74) "RW" LINE

THE LOCATION OF THE ORIGINAL CENTER LINE FOR HEPPNER HIGHWAY IN THE VICINITY OF MORGAN CREEK ROAD WAS RESOLVED IN 1998 BY JULES WETZEL WITH THE OREGON DEPARTMENT OF TRANSPORTATION AS SHOWN ON COUNTY SURVEY C-1170-E AND THEN A RELOCATED CENTER LINE FOR HEPPNER HIGHWAY WAS MONUMENTED PER C-1216-E FILED APRIL 1999. IN 2018, I RECREATED THE RECORD ALIGNMENTS SHOWN ON SAID SURVEYS C-1170-E AND C-1216-E, AND POSITIONED THEM AS DESCRIBED ON SAID COUNTY SURVEY 2018-1828C. THE RECORD SHAPE OF THE ORIGINAL CENTER LINE FOR HEPPNER HIGHWAY SHOWN ON 3B-11-14 WAS RECREATED THEN EXTENDED SOUTHERLY THROUGH THIS PROJECT BY HOLDING THAT PORTION RESOLVED BY THE OREGON DEPARTMENT OF TRANSPORTATION SHOWN ON SAID COUNTY SURVEY 2018-1828C.

PALMATEER ROAD (ELY CANYON LANE)(C.R. 530)

THE PORTION OF PALMATEER ROAD LOCATED WITHIN SECTION 27, T1N, R23E, WM WAS ORIGINALLY ESTABLISHED BY DOCUMENT 38464 RECORDED SEPT. 29, 1923 IN BOOK 36, PAGE 320 AT A WIDTH OF 60.00 FEET, 30.00 FEET ON EACH SIDE OF CENTER LINE. IN THE LATE 1980'S, MORROW COUNTY RE-ALIGNED A PORTION OF PALMATEER ROAD ACROSS WILLOW CREEK AND BUILT A NEW BRIDGE. PER THE TITLE COMPANY, TEMPORARY DONATION OF RIGHT OF WAY DEEDS M-26625 & M26626 WERE ACQUIRED FOR THE CONSTRUCTION OF THE NEW BRIDGE, HOWEVER, STATED IN SAID DOCUMENTS, LEGAL INSTRUMENTS CONVEYING TITLE WERE TO BE PREPARED AFTER CONSTRUCTION AND NO EVIDENCE WAS FOUND THAT THIS EVER HAPPENED RESULTING IN A PORTION OF THE ROAD AND THE BRIDGE OVER WILLOW CREEK LYING OUTSIDE OF THE EXISTING RIGHT OF WAY. THERE ARE MONUMENTS WITH POST/PADDLE ALONGSIDE THAT WERE SET BY THE OREGON DEPARTMENT OF TRANSPORTATION ALONG THE DONATED RIGHT OF WAY THAT HAVE NO RECORD OF SURVEY OR ODOT ROLLMAP THAT REFERENCE THEM.

REFERENCE LIST

1. OWR&N RAILROAD RIGHT OF WAY AND TRACK MAP V-8/5, DATED JUNE 1918
2. OWR&N RAILROAD RIGHT OF WAY AND TRACK MAP V-8/6, DATED JUNE 1918
3. OREGON STATE HIGHWAY DEPARTMENT DRAWING 6C-5-5 DATED APR. 27, 1920
4. OREGON STATE HIGHWAY DEPARTMENT DRAWING 3B-11-14 DATED OCT. 1923
5. ROAD DEED 38464 RECORDED IN BOOK 36, PAGE 320 ON SEPT. 29, 1923
6. OREGON STATE HIGHWAY DEPARTMENT DRAWING 4B-2-4 DATED JAN. 1931
7. OREGON STATE HIGHWAY DEPARTMENT DRAWING 7B-6-14 DATED 1950-1951
8. OREGON STATE HIGHWAY DIV., WILLOW CREEK (PALMATEER) BRIDGE CONSTR. PLANS, DATED FEB. 1985
9. DONATION DEED M-26625 & M-26626 RECORDED APR. 25, 1986
10. RAILROAD AGREEMENT \*RR68, DOCUMENT NO. 48514 RECORDED JULY 11, 1996
11. OREGON DEPARTMENT OF TRANSPORTATION LOCATED LINE DRAWING 10B-11-1, DATED OCT. 1997
12. COUNTY SURVEY C-1170-E (FOLDER 944) BY JULES R. WETZEL FILED APR. 27, 1998
13. COUNTY SURVEY C-1186-E (FOLDER 960) BY JOHN A. BAALMAN FILED AUG. 1998
14. COUNTY SURVEY C-1216-E (FOLDER 990) BY JULES R. WETZEL, FILED APR. 1999
15. COUNTY SURVEY 1439-C (FOLDER 1439) BY G. DENNIS EDWARDS FILED SEPT. 2005
16. COUNTY SURVEY 2018-1828C BY BRET N. ELITHORP, FILED MAY 4, 2018

NETWORK POINT COORDINATE TABLE

PT. NO.	NORTHING	EASTING	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1	233360.34	473671.47	1/31/2024	SET 5/8"x30" IRON ROD WITH RED PLASTIC CAP MARKED "ODOT CONTROL"
2	232860.91	473426.06	2/05/2024	SET 5/8"x30" IRON ROD WITH RED PLASTIC CAP MARKED "ODOT CONTROL"
3	232541.32	473438.90	2/05/2024	SET 5/8"x30" IRON ROD WITH RED PLASTIC CAP MARKED "ODOT CONTROL"
4	232337.60	473656.75	2/05/2024	SET 5/8"x30" IRON ROD WITH RED PLASTIC CAP MARKED "ODOT CONTROL"
5	232421.38	474188.24	2/05/2024	SET 5/8"x30" IRON ROD WITH RED PLASTIC CAP MARKED "ODOT CONTROL"
6	232569.05	474476.35	2/05/2024	SET 5/8"x30" IRON ROD WITH RED PLASTIC CAP MARKED "ODOT CONTROL"
7	232888.69	473188.29	2/05/2024	SET 5/8"x30" IRON ROD WITH RED PLASTIC CAP MARKED "ODOT CONTROL"
8	233800.05	474180.39	2/05/2024	SET 5/8"x30" IRON ROD WITH RED PLASTIC CAP MARKED "ODOT CONTROL"

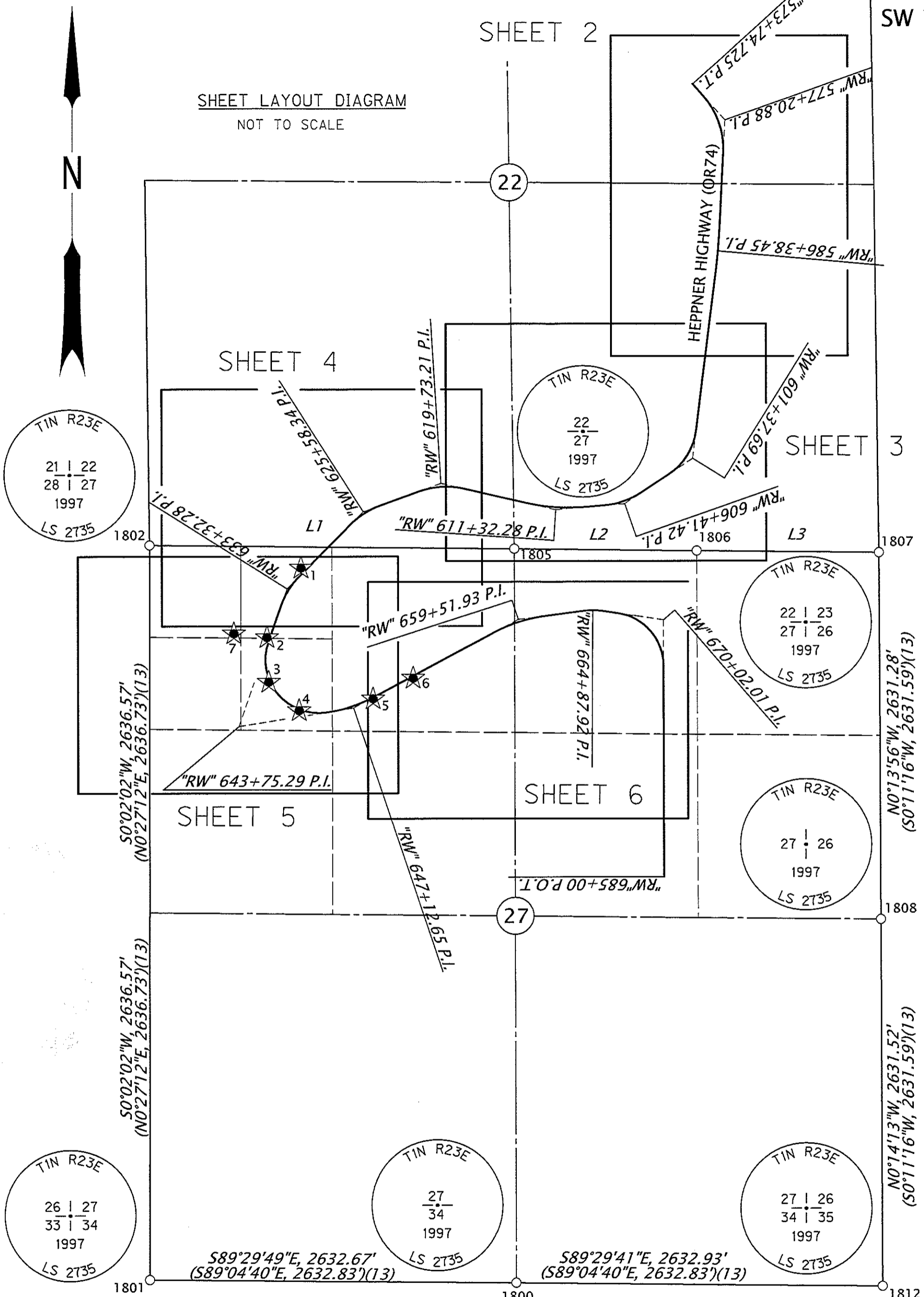
LINE TABLE

	MEASURED	RECORD
L1	S89°22'58"E, 2620.60'	(N88°57'45"W, 2620.68'X13)
L2	S89°22'38"E, 1310.20'	(N88°57'45"W, 1310.34'X13)
L3	S89°22'38"E, 1310.23'	(N88°57'45"W, 1310.34'X13)

OREGON WASHINGTON RAILROAD & NAVIGATION COMPANY RAILROAD "RR" LINE  
 THE RECORD SHAPE OF THE CENTER LINE FOR THE OREGON WASHINGTON RAILROAD & NAVIGATION COMPANY (O.W.R.&N.) RAILROAD CENTER LINE WAS RECREATED AS SHOWN ON O.W.R.&N. RIGHT OF WAY AND TRACK MAP V8-5 AND V8-6. THE RAILROAD HAS BEEN ABANDONED AND THE RAILROAD TRACKS HAVE BEEN REMOVED, THEREFORE THE CENTER LINE WAS POSITIONED BY HOLDING THE CENTER OF THE EXISTING BRIDGE BENTS AT THE LOCATIONS WHERE THE RAILROAD CROSSED WILLOW CREEK.

CONTROL NARRATIVE

PRIMARY CONTROL WAS BROUGHT INTO THE PROJECT USING THE OREGON REAL TIME GNSS NETWORK (ORGN) TO ESTABLISH HORIZONTAL POSITIONS ON THE FOUND MONUMENTS SHOWN ON THIS SURVEY BY INCORPORATING THE AVERAGE OF TWO SEPARATE 180 EPOCH SESSIONS UNDER DIFFERENT SATELLITE CONSTELLATIONS. THE HORIZONTAL DATUM USED FOR THIS PROJECT IS NAD 83(2011) EPOCH 2010, OREGON COORDINATE REFERENCE SYSTEM (OCRS), NORTH CENTRAL ZONE. THE NORTH CENTRAL ZONE PROJECTION PARAMETERS ARE PUBLISHED IN OREGON ADMINISTRATIVE RULES (OAR) 734-005-015. BASIS OF BEARINGS: MEASURED BEARINGS ARE GRID PER THE PROJECT DATUM.



RECOVERED MONUMENT LIST

PT. NO.	NORTHING	EASTING	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1800	228228.12	475213.07	2/05/202	FD 1-1/2" IRON PIPE W/2-1/2" BRASS CAP MKD. AS SHOWN, DN 6", C-1186-E
1801	228251.23	472580.50	2/05/2024	FD 1-1/2" IRON PIPE W/2-1/2" BRASS CAP MKD. AS SHOWN, DN 12", C-1186-E
1802	233524.37	472583.62	2/05/2024	FD 1-1/2" IRON PIPE W/2-1/2" BRASS CAP MKD. AS SHOWN, DN 8", C-1186-E
1805	233496.14	475204.07	2/06/2024	FD 1-1/2" IRON PIPE W/2-1/2" BRASS CAP MKD. AS SHOWN, FLUSH, C-1186-E
1806	233481.97	476514.19	2/06/2024	FD 5/8" IRON ROD W/YPC MKD. "RSI JAB 02735LS", DN 8", C-1186-E
1807	233467.66	477824.34	2/06/2024	FD 1-1/2" IRON PIPE W/2-1/2" BRASS CAP MKD. AS SHOWN, FLUSH, C-1186-E
1808	230836.40	477835.01	2/06/2024	FD 1-1/2" IRON PIPE W/2-1/2" BRASS CAP MKD. AS SHOWN, DOWN 3", C-1186-E
1812	228204.90	477845.89	2/07/2024	FD 1-1/2" IRON PIPE W/2-1/2" BRASS CAP MKD. AS SHOWN, UP 12", C-1186-E

LEGEND

- ( ) RECORD DATA PER REFERENCE LIST
- FOUND MONUMENT

REGISTERED PROFESSIONAL LAND SURVEYOR

*Bret N. Elithorp*

OREGON  
 JANUARY 14, 2003  
 BRET N. ELITHORP  
 63148

EXPIRES: 12-31-2025

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP  
 OR74: HORSESHOE BEND EMBANKMENT STABILIZATION  
 HEPPNER HIGHWAY  
 MORROW COUNTY, OREGON

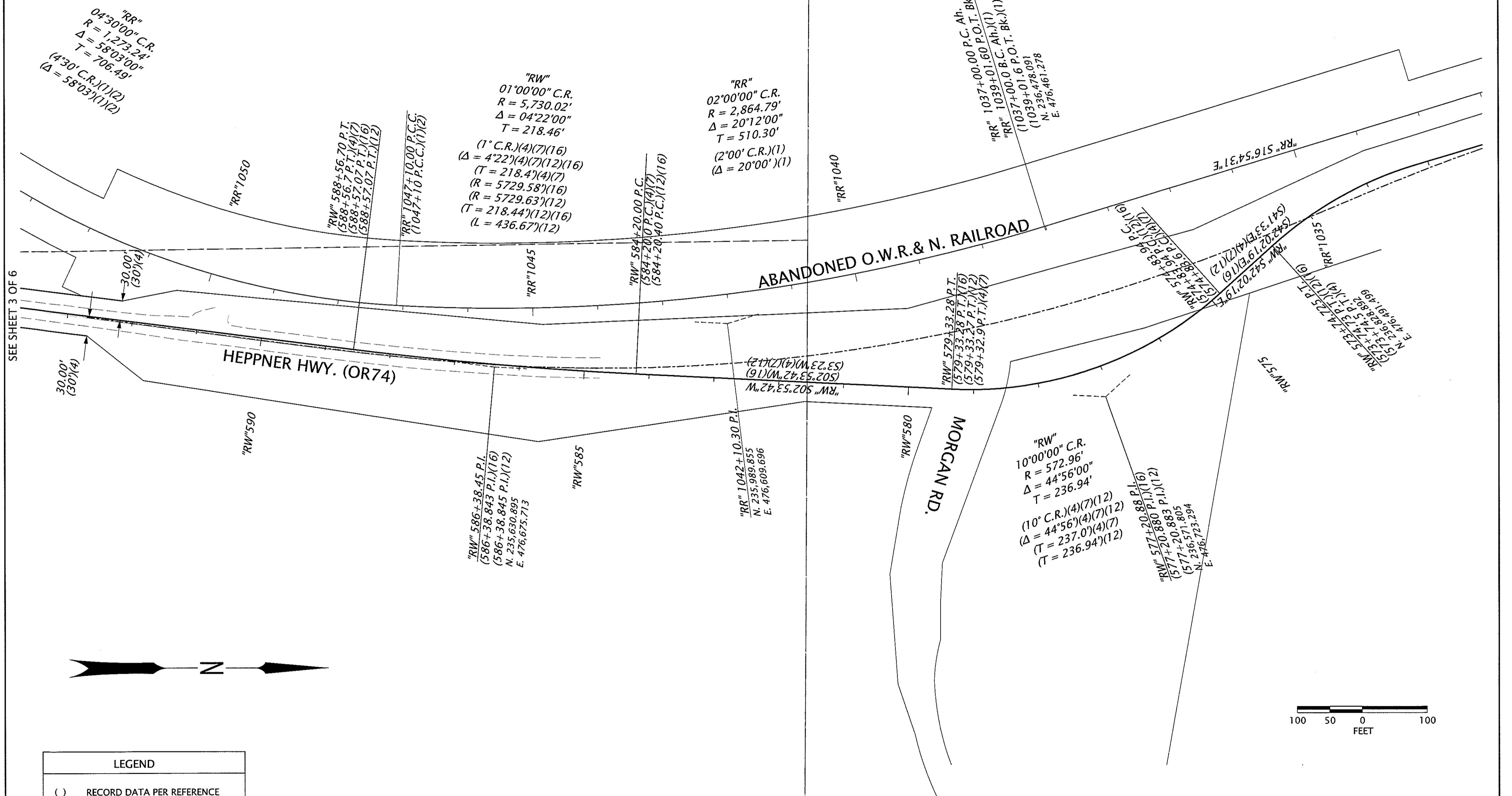


ODOT REGION 5 TECH CENTER  
 3012 ISLAND AVENUE  
 LA GRANDE, OR 97805 KEY NO. M23067

APRIL 22, 2024  
 SCALE: 1" = 100'  
 SHEET 1 OF 6

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Morrow County Surveyor  
Date: 5-10-2024  
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No.: 2024-2067C  
Folder No.: 2067

2067



SEE SHEET 3 OF 6

LEGEND	
( )	RECORD DATA PER REFERENCE LIST ON SHEET 1
—	EXISTING RIGHT-OF-WAY OR PROPERTY LINE
—	RESOLVED RIGHT-OF-WAY

REGISTERED PROFESSIONAL LAND SURVEYOR

*Bret N. Elithorp*

OREGON  
JANUARY 14, 2003  
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ODOT REGION 5 TECH CENTER  
3012 ISLAND AVENUE  
LA GRANDE, OR 97805 KEY NO. M23067

APRIL 22, 2024  
SCALE: 1" = 100'  
SHEET 2 OF 6

2067

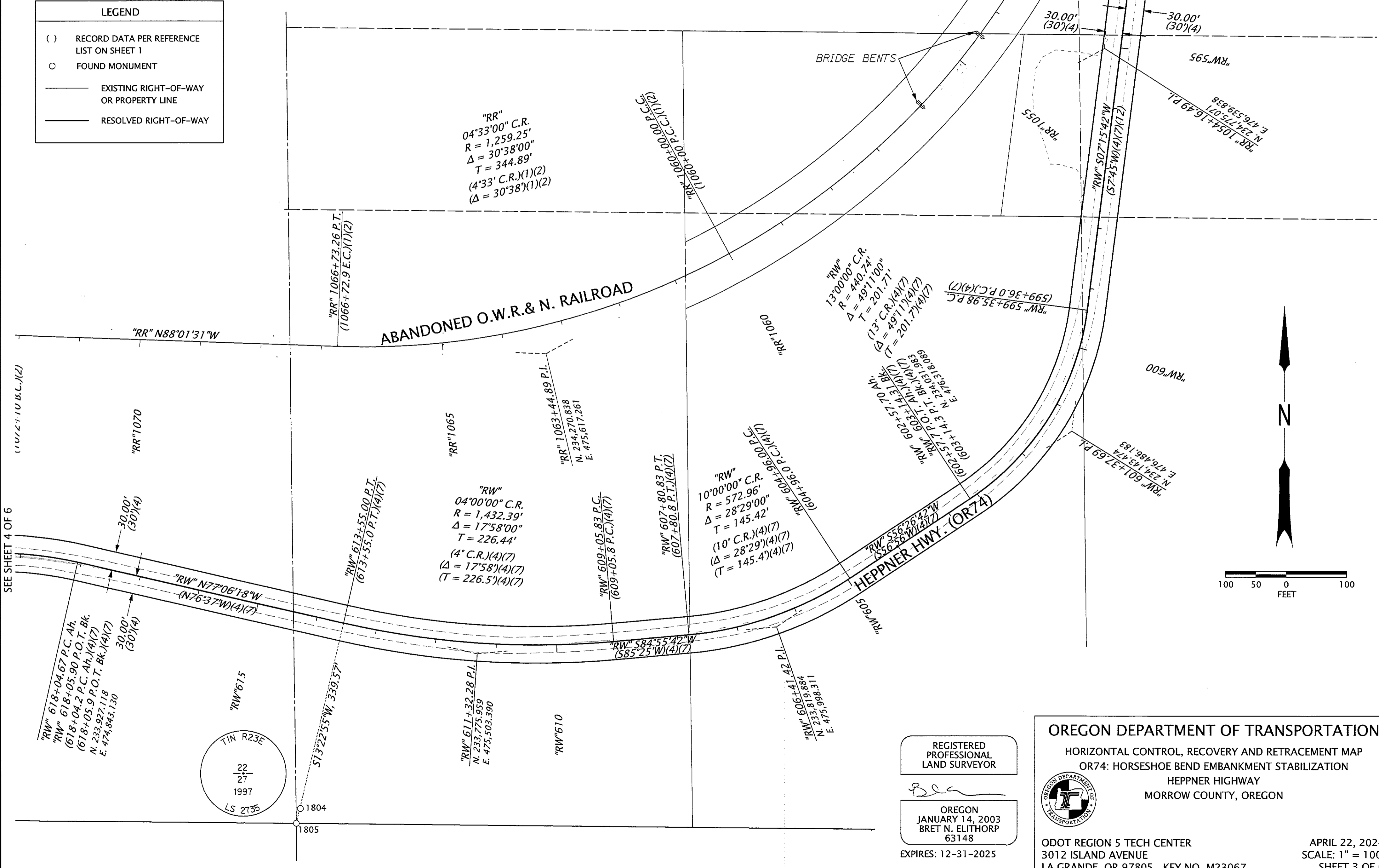
SE 1/4 SECTION 22 T1N R23E WM SW 1/4 SECTION 22 T1N R23E WM  
 NW 1/4 SECTION 27 T1N R23E WM NE 1/4 SECTION 27 T1N R23E WM

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RECOVERED MONUMENT LIST

PT. NO.	NORTHING	EASTING	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1804	233520.39	475210.75	2/06/2024	FD 5/8" IRON ROD W/RPC MARKED "RSI CONTORL", DN 8", C-1186-E
1805	233496.14	475204.07	2/06/2024	FD 1-1/2" IRON PIPE W/2-1/2" BRASS CAP MKD. AS SHOWN, FLUSH, C-1186-E

LEGEND	
( )	RECORD DATA PER REFERENCE LIST ON SHEET 1
○	FOUND MONUMENT
---	EXISTING RIGHT-OF-WAY OR PROPERTY LINE
---	RESOLVED RIGHT-OF-WAY



**OREGON DEPARTMENT OF TRANSPORTATION**  
 HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP  
 OR74: HORSESHOE BEND EMBANKMENT STABILIZATION  
 HEPPNER HIGHWAY  
 MORROW COUNTY, OREGON

REGISTERED PROFESSIONAL LAND SURVEYOR  
 Brea  
 OREGON  
 JANUARY 14, 2003  
 BRET N. ELITHORP  
 63148  
 EXPIRES: 12-31-2025

ODOT REGION 5 TECH CENTER  
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APRIL 22, 2024  
 SCALE: 1" = 100'  
 SHEET 3 OF 6

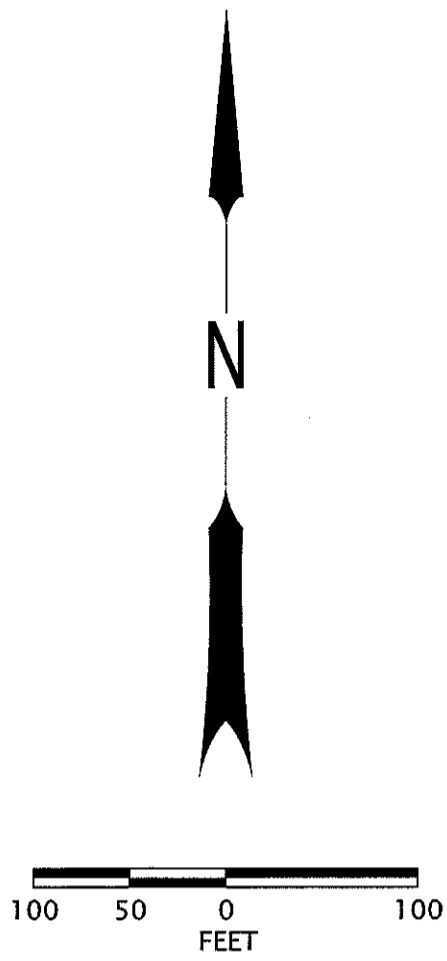
2902

2067

SW 1/4 SECTION 22 T1N R23E WM NW 1/4 SECTION 27 T1N R23E WM

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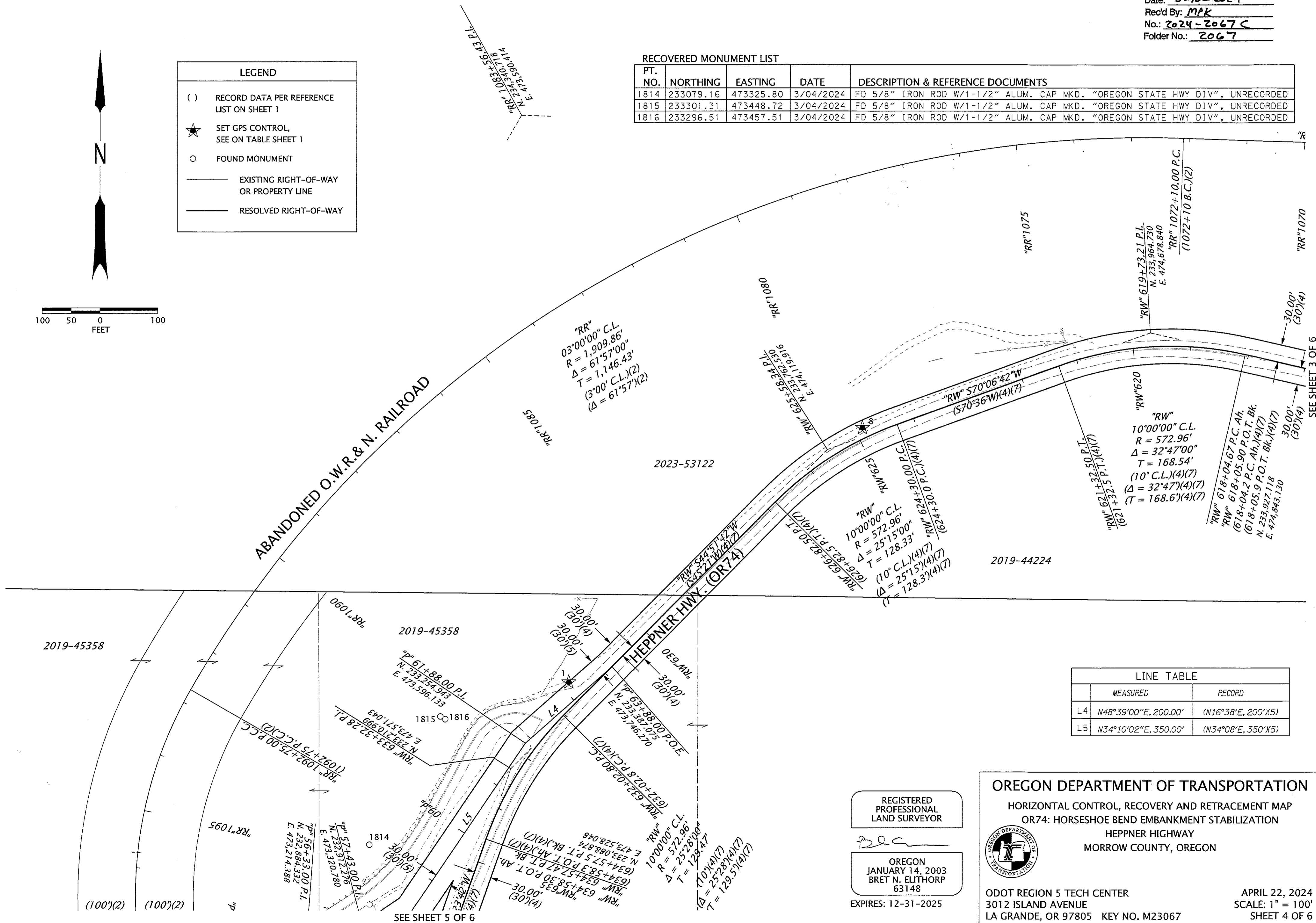
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LEGEND	
( )	RECORD DATA PER REFERENCE LIST ON SHEET 1
★	SET GPS CONTROL, SEE ON TABLE SHEET 1
○	FOUND MONUMENT
—	EXISTING RIGHT-OF-WAY OR PROPERTY LINE
—	RESOLVED RIGHT-OF-WAY

RECOVERED MONUMENT LIST

PT. NO.	NORTHING	EASTING	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1814	233079.16	473325.80	3/04/2024	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP MKD. "OREGON STATE HWY DIV", UNRECORDED
1815	233301.31	473448.72	3/04/2024	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP MKD. "OREGON STATE HWY DIV", UNRECORDED
1816	233296.51	473457.51	3/04/2024	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP MKD. "OREGON STATE HWY DIV", UNRECORDED



LINE TABLE		
	MEASURED	RECORD
L4	N48°39'00"E, 200.00'	(N16°38'E, 200'X5)
L5	N34°10'02"E, 350.00'	(N34°08'E, 350'X5)

REGISTERED PROFESSIONAL LAND SURVEYOR  
*[Signature]*  
OREGON  
JANUARY 14, 2003  
BRET N. ELITHORP  
63148  
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OR74: HORSESHOE BEND EMBANKMENT STABILIZATION  
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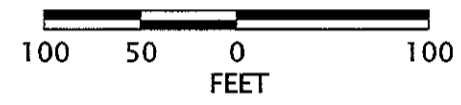
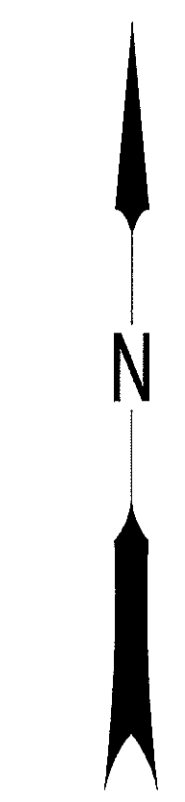
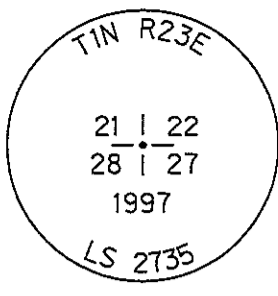
APRIL 22, 2024  
SCALE: 1" = 100'  
SHEET 4 OF 6

SEE SHEET 3 OF 6

2067

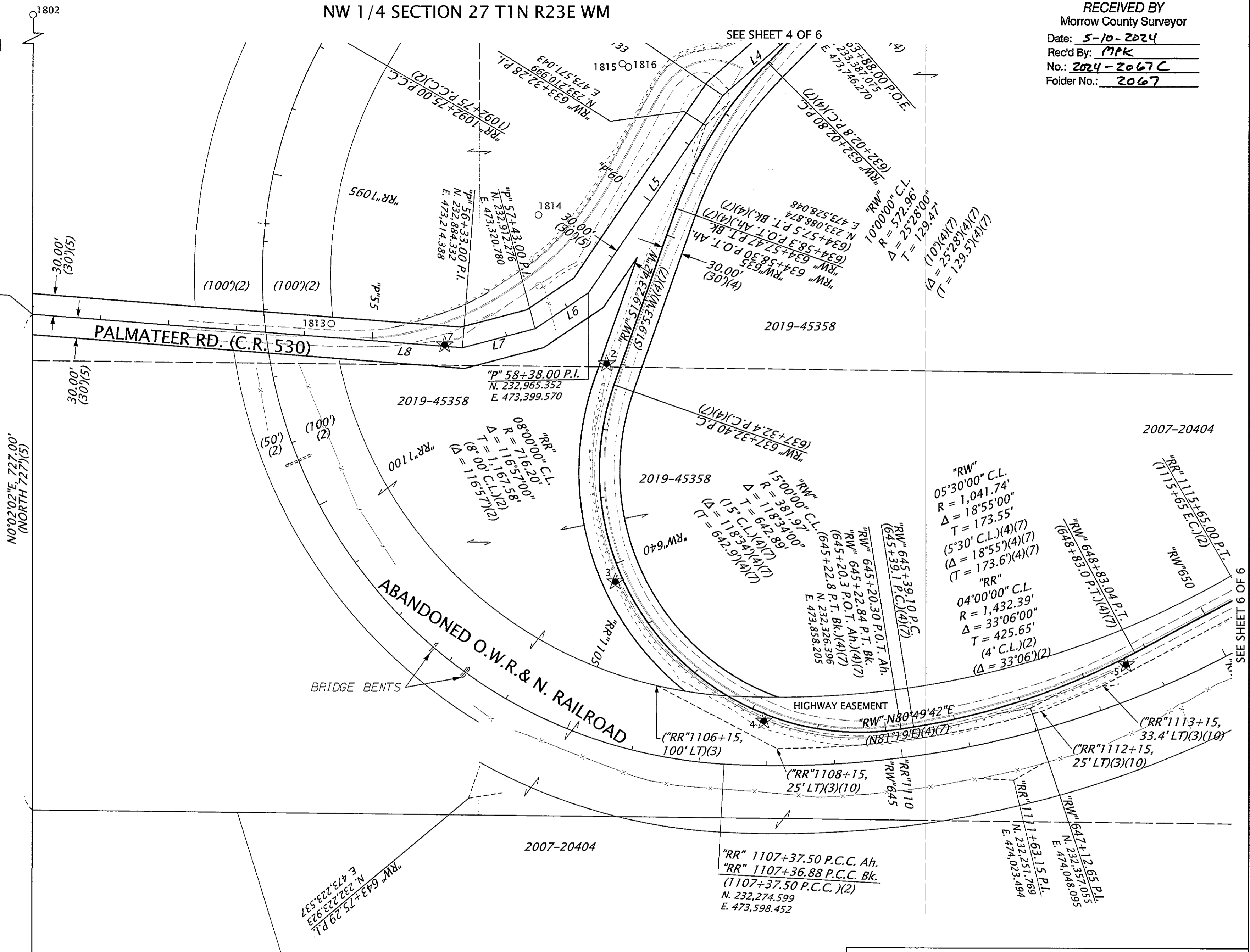
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NW 1/4 SECTION 27 T1N R23E WM



**LEGEND**

- ( ) RECORD DATA PER REFERENCE LIST ON SHEET 1
- ★ SET GPS CONTROL, SEE ON TABLE SHEET 1
- FOUND MONUMENT
- EXISTING RIGHT-OF-WAY OR PROPERTY LINE
- RESOLVED RIGHT-OF-WAY
- - - EXISTING EASEMENT FOR HIGHWAY



**LINE TABLE**

	MEASURED	RECORD
L4	N48°39'00"E, 200.00'	(N16°38'E, 200'X5)
L5	N34°10'02"E, 350.00'	(N34°08'E, 350'X5)
L6	N56°02'02"E, 95.00'	(N56°00'E, 95'X5)
L7	N75°17'02"E, 110.00'	(N75°15'E, 110'X5)
L8	S85°34'58"E, 633.00'	(S85°37'E, 633'X5)

**RECOVERED MONUMENT LIST**

PT. NO.	NORTHING	EASTING	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1802	233524.37	472583.62	2/05/2024	FD 1-1/2" IRON PIPE W/2-1/2" BRASS CAP MKD. AS SHOWN, DN 8", C-1186-E
1813	232919.37	473021.75	3/04/2024	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP MKD. "OREGON STATE HWY DIV", UNRECORDED
1814	233079.16	473325.80	3/04/2024	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP MKD. "OREGON STATE HWY DIV", UNRECORDED
1815	233301.31	473448.72	3/04/2024	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP MKD. "OREGON STATE HWY DIV", UNRECORDED
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REGISTERED PROFESSIONAL LAND SURVEYOR  
*BCC*  
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JANUARY 14, 2003  
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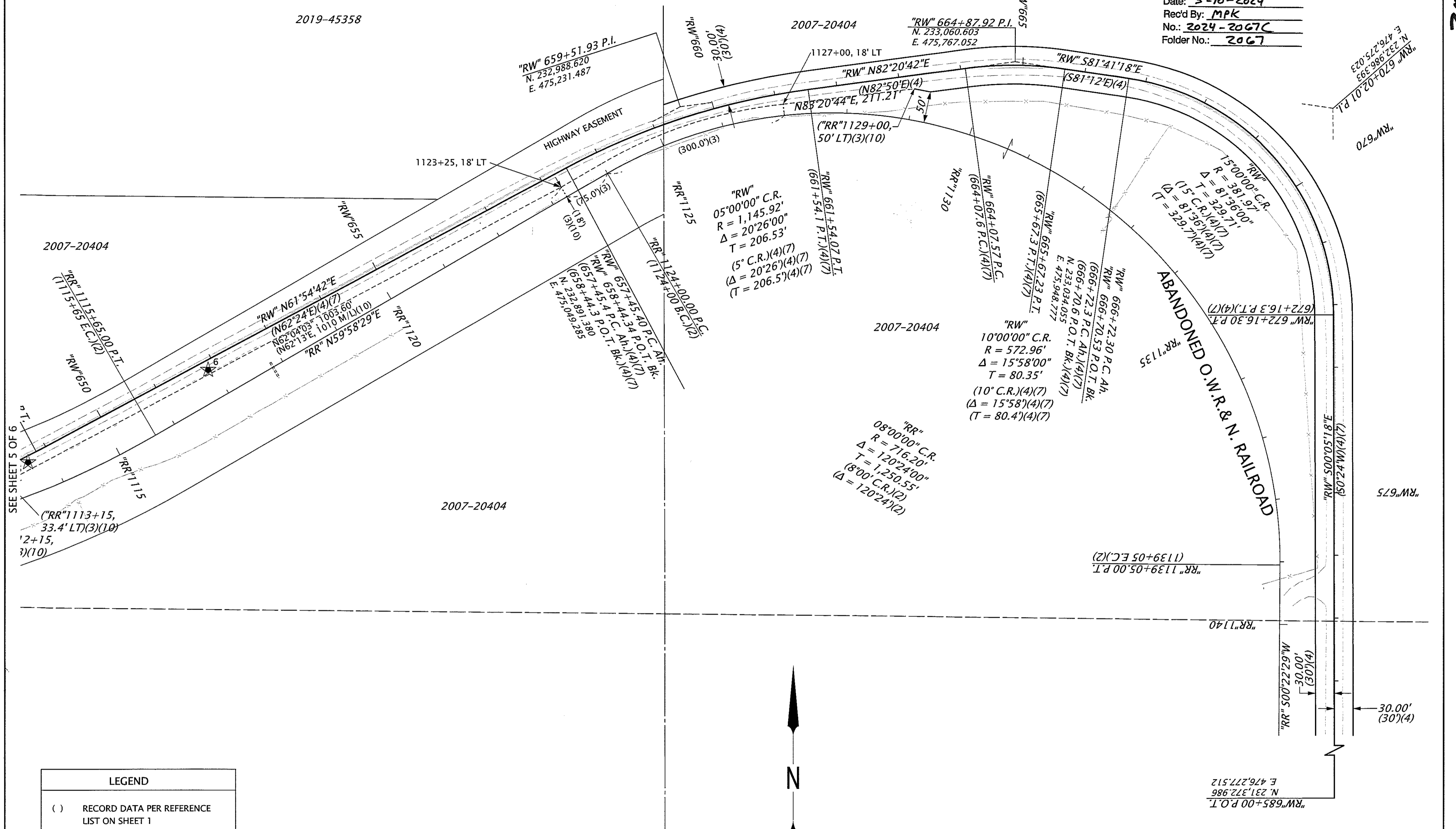
APRIL 22, 2024  
SCALE: 1" = 100'  
SHEET 5 OF 6

NW 1/4 SECTION 27 T1N R23E WM NE 1/4 SECTION 27 T1N R23E WM

2019-45358

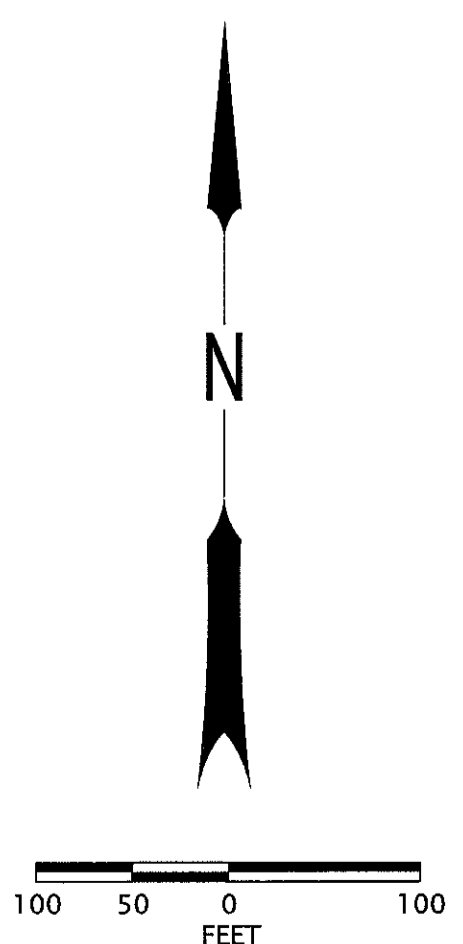
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SEE SHEET 5 OF 6

LEGEND	
( )	RECORD DATA PER REFERENCE LIST ON SHEET 1
★	SET GPS CONTROL, SEE ON TABLE SHEET 1
—	EXISTING RIGHT-OF-WAY OR PROPERTY LINE
—	RESOLVED RIGHT-OF-WAY
- - -	EXISTING EASEMENT FOR HIGHWAY



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SHEET 6 OF 6

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