

Right of Way Survey for a portion of Morrow County Rd. No. 576 Located in the N1/2 of S33, the S1/2 of S28, the N1/2 of S34 and the N1/2 of S35, T.1S. R.24E., W.M. Morrow County, Oregon

HISTORY OF SURVEYS

The exterior boundaries of T.1S., R.24E., W.M., were originally surveyed by David P. Thompson under G.L.D. Contract No. 109, dated January 30, 1865. The south half of the township was subdivided by David P. Thompson under G.L.D. Contract No. 119, dated February 16, 1867. A search was made for several of Thompson's original monuments. No evidence was recovered. See the LEGEND.

Road No. 576 was originally surveyed as Road Application No. 114, Road Journal Page 152, by Isa Brown in August of 1892. His notes state in part: 'Beginning 1.50 chains south of X stake between sections 30 and 31 Tp1S R24E WM where I set stone marked R N25°E, 53lks. Thence N83°E 10ch set stone A due south 30 lks. Thence due East on Section Line 70ch set stone marked IM due south 40lks. Thence continued due East on same course 80ch set stone marked II.M due south 40lks. Thence continued on same line course due East 28ch set stone A due north 81lks.' At this point the road survey continues down a canyon, calling bearings and distance along the courses. A search was made for the stones set by Brown along the section lines. This area has been heavily farmed and no evidence of these stones remain.

Road Application No. 49, Road Journal Page 70, was surveyed by J.J. McGee in April, 1888. The notes state the starting point for this road to be the X Sec. corner between Sections 30 & 31, T.1S., R.24E. McGee set a 24"x18"x15" stone marked R at that point. A search was made for the stone, no evidence was recovered. This corner is believed to be lost to road construction, farming and or utility work in the area.

Road Application No. 134, Road Journal Page 170, was surveyed by J.J. McGee in June, 1894. The notes state that he commenced his survey at the Center of Section 1, T.2S., R.23E., thence north X mile, thence east 2 miles to the SE corner of the SW1/4 of Section 32, T.1S., R.24E. A local residence reported that he knew of an old corner stone in the area. At the one mile point of McGee's survey, we recovered a 16"x12"x10" stone, marked IM on the south face. This corner is shown on the plat for Road 134, Road Journal Page 171 to be the Twp. Corner to T.1&2S., R23&24E., W.M. The position of this stone is shown on this plat for informational purposes.

NARRATIVE

This survey was performed at the request of Morrow County to locate and monument a portion of the Right of Way of County Road No. 114, know as Morter Road.

As stated in the HISTORY OF SURVEYS, no original corner evidence is recovered. In order to locate the Right of Way, the Section Line between Sections 28 & 33 was located as follows:

Long standing lines of occupancy (fence corners) are tied and compared to record measurements.

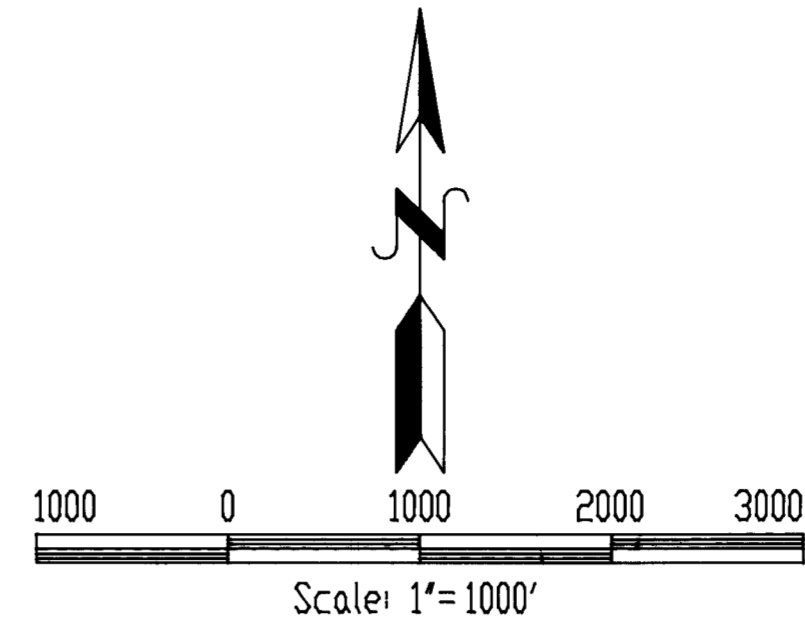
Perry Morter, a land owner adjacent to Road 576, stated that at the time he purchased his property, the previous owner recalled an oral agreement with the County to construct the roadway in the southerly half of the Right of Way along the north line of Sections 32 & 33 in exchange for some cattle guards. An old east-west fence line ran parallel to and north of the existing traveled roadway.

An exception in Morrow County Deed Record M9402, reserved for a reservoir site, calls the SW corner of this exception to be South 8.33 chains (549.78ft.) and East 3.36 chains (221.76ft.) from the corner to Sections 27, 28, 33 and 34. A 16 ft. square fenced area was found with a capped wellhead in the center. Using the wellhead as the center of the excepted description, a point for the above said Section corner is determined. This point is compared to the fence corner one mile to the west and is found to very nearly match the original G.L.D. record. The line between these two points also runs along the long standing east-west fence line stated above, parallel to the existing traveled roadway as shown. The above stated position is the best available evidence as to the location corner to Sections 27, 28, 33 and 34 and is monumented this survey. See the OREGON CORNER RESTORATION FORM for this corner(Index No. V13), referenced to this survey.

The corner to Sections 28, 29, 32 & 33 is positioned based on a long standing fence corner and it's near record relationship to the section corner 1 mile to the east and the fence corner 1/2 mile to the North. I accepted this position as the best available evidence as to the location of this corner. See the OREGON CORNER RESTORATION FORM for this corner(Index No. V9), referenced to this survey.

The X corner to Sections 28 & 29 is positioned based on a long standing fence corner and it's near record relationship to the section corner 1/2 mile to the South. I accepted this position as the best available evidence as to the location of this corner. See the OREGON CORNER RESTORATION FORM for this corner(Index No. T9), referenced to this survey.

The Right of Way Centerline is then located beginning at the Section Corner to Sections 28, 29, 32 & 33(Engineer's Station 47+61.00), thence along the Section Line S89°40'09"E, 2647.49 ft. to the X corner to Sections 28 & 33(Engineer's Station 74+08.49), thence along the Section Line S89°40'09"E, 1384.95 to Engineer's Station 87+93.44. Easterly from Station 87+93.44, the existing traveled roadway is located in the field and the right of way centerline is fit to the centerline of the existing roadway. The Right of Way is monumented as shown.

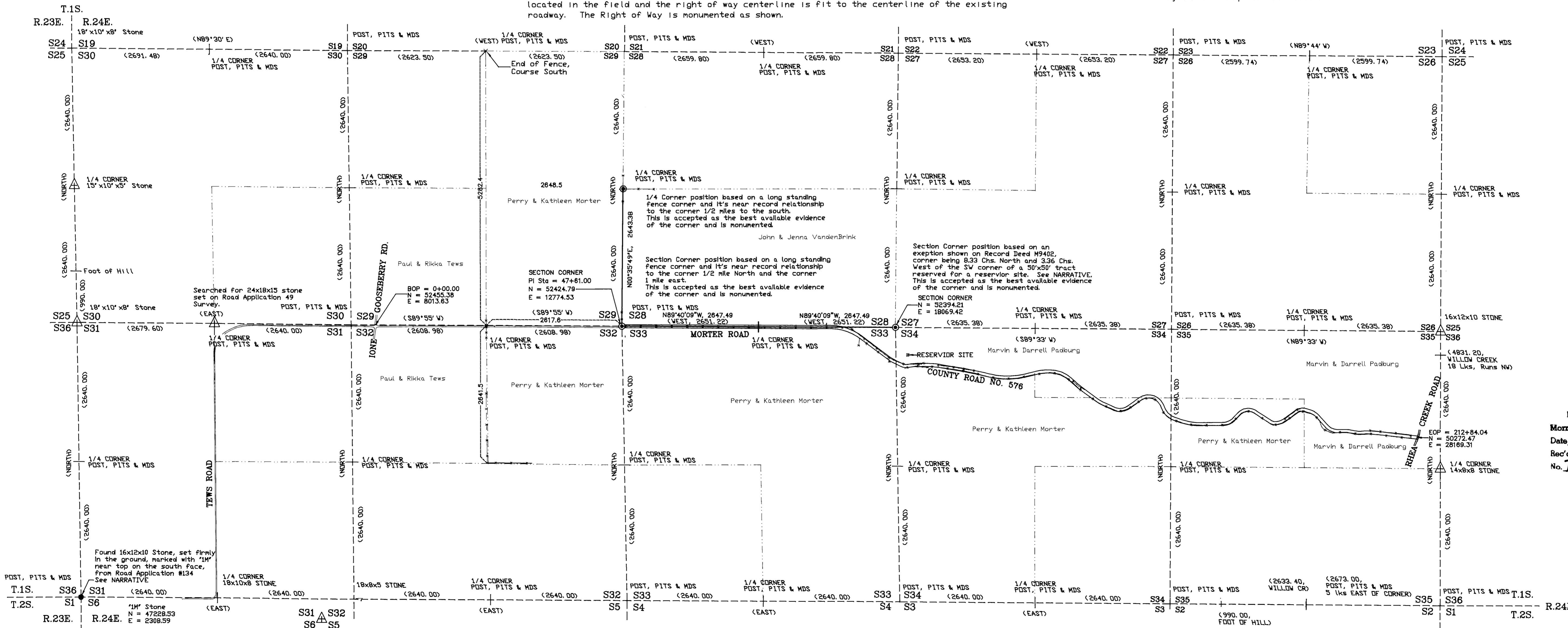


BASIS OF BEARING:

A Solar Observation at a point being 202.32 ft. South and 693.99 ft. West of the NW Corner of Section 33. Bearings shown are True at this point. Coordinates are on a local grid.

LEGEND

- Section Line by Survey
Approximate/Projected Section Line
Approximate/Projected Boundary Line
Existing Fence Line - Occupancy Line
Searched for original corner evidence, none found
Set 1-1/2"x30" Iron pipe monument with 3" brass cap.
Type of Monument set by David P. Thompson's G.L.D. surveys. See HISTORY OF SURVEYS
Record Bearing/Dist as returned by David P. Thompson. See NARRATIVE



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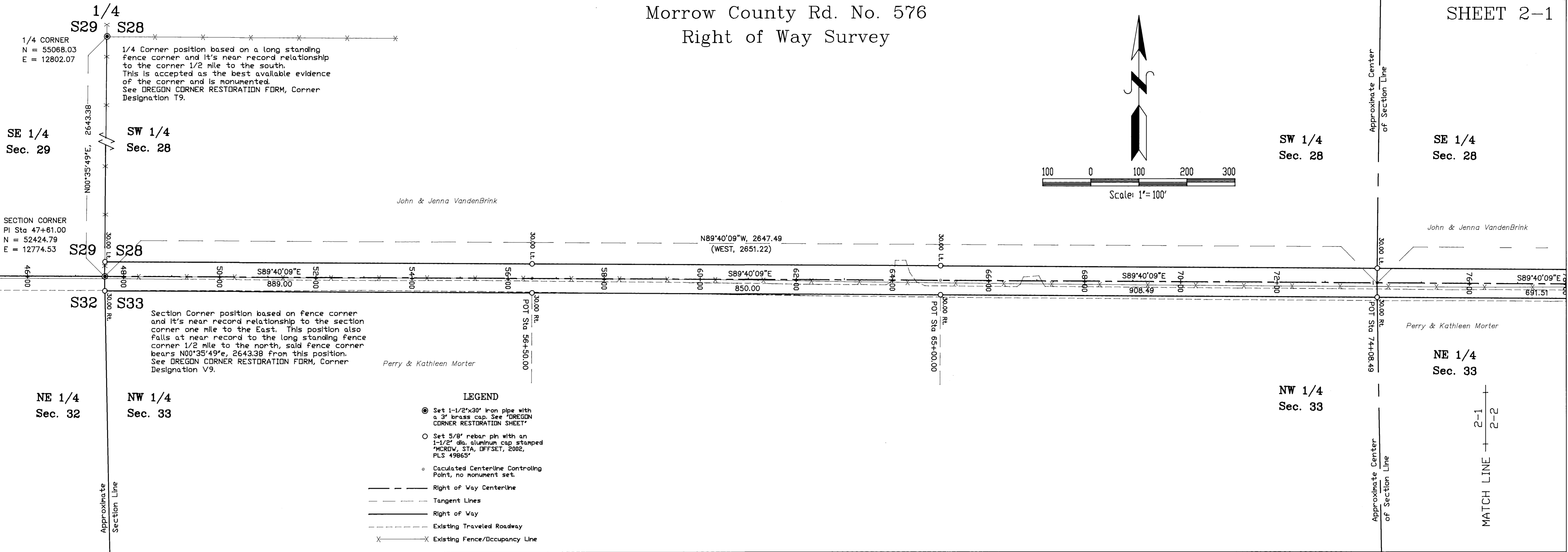
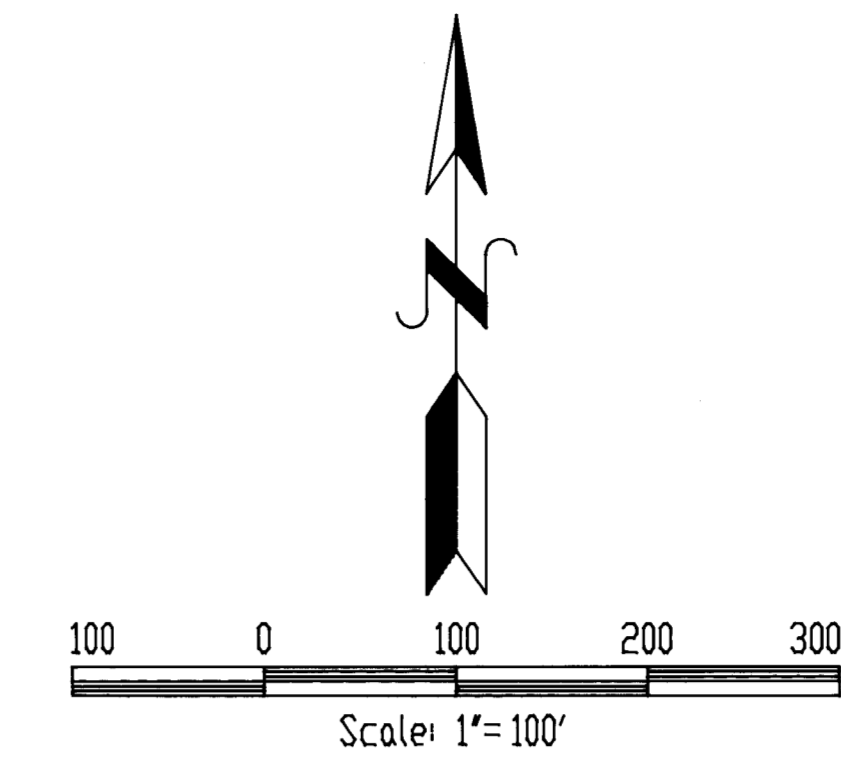
RECEIVED BY Morrow County Surveyor
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No. D-1352-M

REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON JULY 12, 1999
KENNETH H. DELANO JR. 4885
RENEWAL DATE: 12/31/2003

Morrow County Rd. No. 576
Right of Way Survey
Map of Survey No.

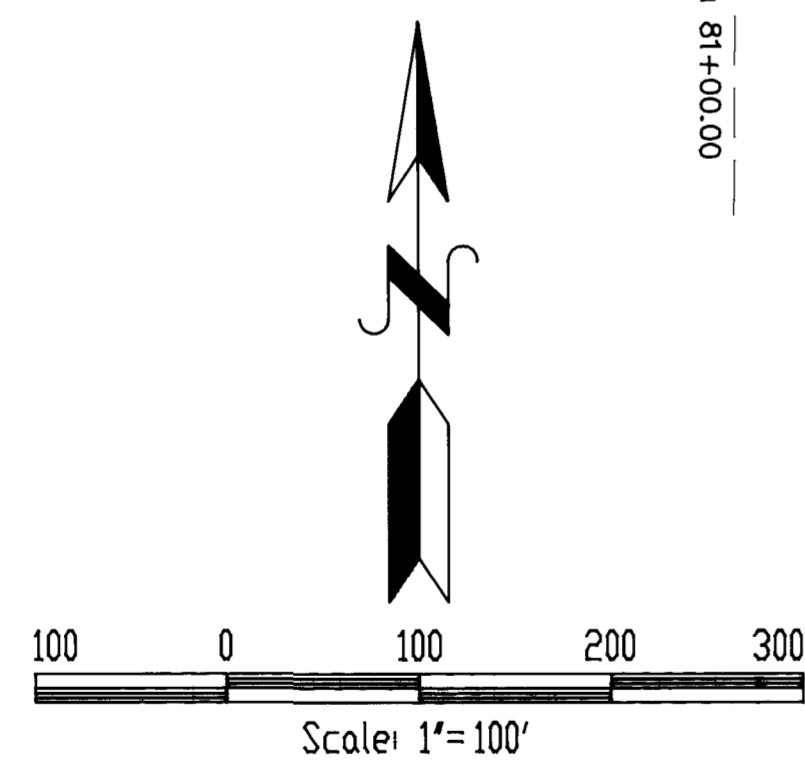
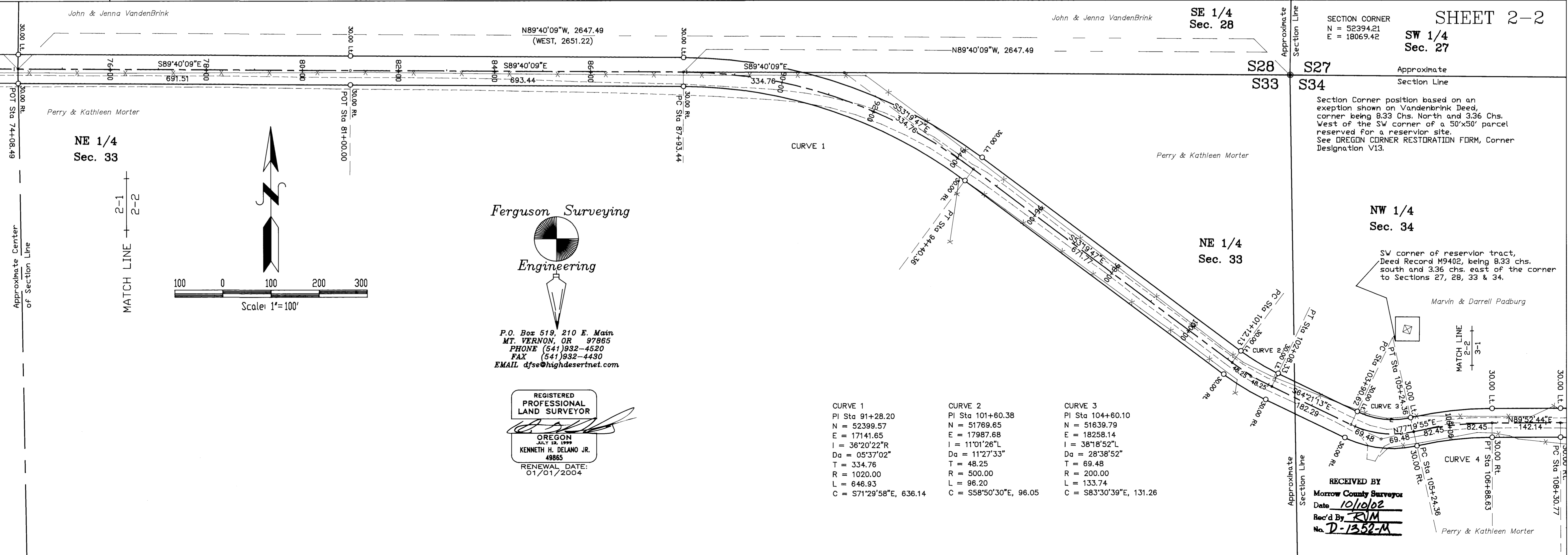
Morrow County Rd. No. 576
Right of Way Survey

SHEET 2-1



- LEGEND**
- Set 1-1/2"x30" iron pipe with a 3" brass cap. See "OREGON CORNER RESTORATION SHEET"
 - Set 5/8" rebar pin with an 1-1/2" dia. aluminum cap stamped "MCRDW, STA, OFFSET, 2002, PLS 49865"
 - Calculated Centerline Controlling Point, no monument set.
 - Right of Way Centerline
 - - - Tangent Lines
 - Right of Way
 - - - Existing Traveled Roadway
 - X Existing Fence/Occupancy Line

SHEET 2-2



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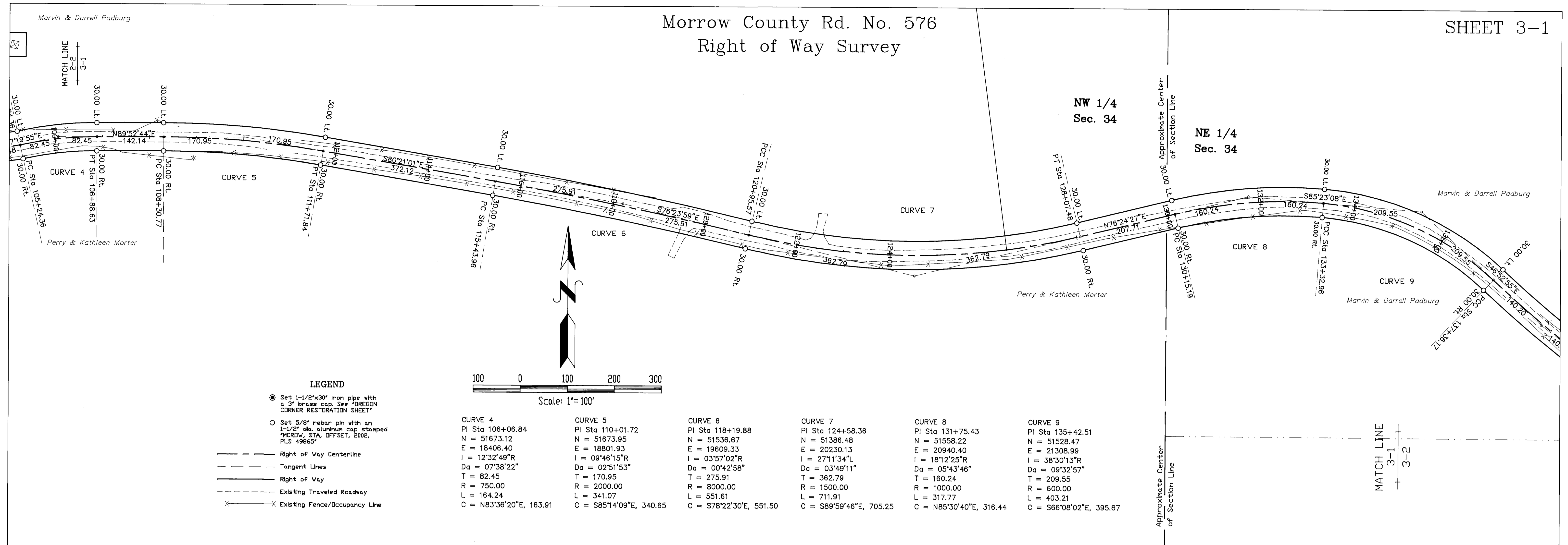
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LAND SURVEYOR
OREGON
2013-2019
KENNETH H. DELANO JR.
49865
RENEWAL DATE:
01/01/2004

| CURVE 1 | CURVE 2 | CURVE 3 |
|-------------------------|------------------------|-------------------------|
| PI Sta 91+28.20 | PI Sta 101+60.38 | PI Sta 104+60.10 |
| N = 52399.57 | N = 51769.65 | N = 51639.79 |
| E = 17141.65 | E = 17987.68 | E = 18258.14 |
| I = 36°20'22"R | I = 11°01'26"L | I = 38°18'52"L |
| Da = 05°37'02" | Da = 11°27'33" | Da = 28°38'52" |
| T = 334.76 | T = 48.25 | T = 69.48 |
| R = 1020.00 | R = 500.00 | R = 200.00 |
| L = 646.93 | L = 96.20 | L = 133.74 |
| C = S71°29'58"E, 636.14 | C = S58°50'30"E, 96.05 | C = S83°30'39"E, 131.26 |

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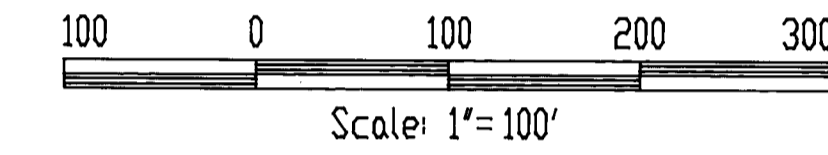
Morrow County Rd. No. 576
Right of Way Survey

SHEET 3-1



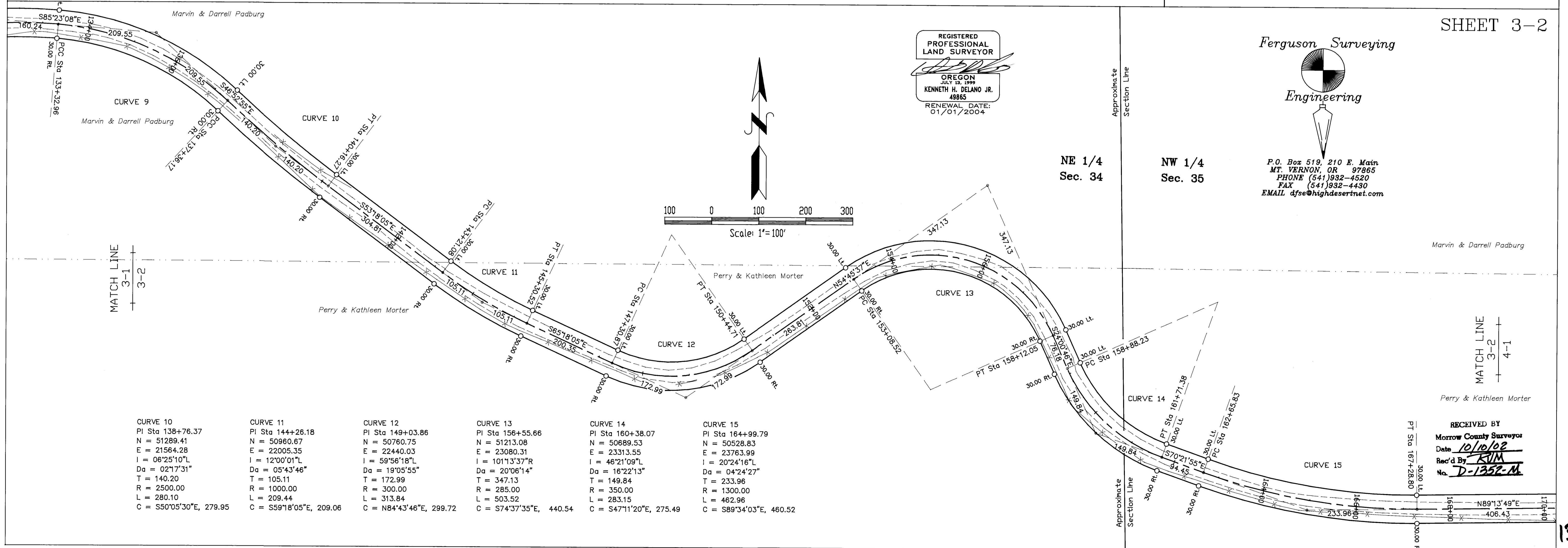
LEGEND

- Set 1-1/2"x30" iron pipe with a 3" brass cap. See "OREGON CORNER RESTORATION SHEET"
- Set 5/8" rebar pin with an 1-1/2" dia. aluminum cap stamped "MCRDW, STA, DFFSET, 2002, PLS 49865"
- Right of Way Centerline
- - - - - Tangent Lines
- Right of Way
- - - - - Existing Traveled Roadway
- Existing Fence/Occupancy Line



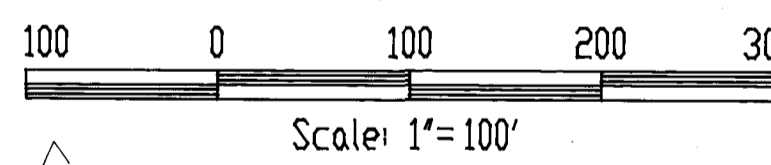
| CURVE 4 | CURVE 5 | CURVE 6 | CURVE 7 | CURVE 8 | CURVE 9 |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PI Sta 106+06.84 | PI Sta 110+01.72 | PI Sta 118+19.88 | PI Sta 124+58.36 | PI Sta 131+75.43 | PI Sta 135+42.51 |
| N = 51673.12 | N = 51673.95 | N = 51536.67 | N = 51386.48 | N = 51558.22 | N = 51528.47 |
| E = 18408.40 | E = 18801.93 | E = 19609.33 | E = 20230.13 | E = 20940.40 | E = 21308.99 |
| I = 12°32'49"R | I = 09°46'15"R | I = 03°57'02"R | I = 27°11'34"L | I = 18°12'25"R | I = 38°30'13"R |
| Da = 07°38'22" | Da = 02°51'53" | Da = 00°42'58" | Da = 03°49'11" | Da = 05°43'46" | Da = 09°32'57" |
| T = 82.45 | T = 170.95 | T = 275.91 | T = 362.79 | T = 180.24 | T = 209.55 |
| R = 750.00 | R = 2000.00 | R = 8000.00 | R = 1500.00 | R = 1000.00 | R = 600.00 |
| L = 164.24 | L = 341.07 | L = 551.61 | L = 711.91 | L = 317.77 | L = 403.21 |
| C = N83°36'20"E, 163.91 | C = S85°14'09"E, 340.65 | C = S78°22'30"E, 551.50 | C = S89°59'46"E, 705.25 | C = N85°30'40"E, 316.44 | C = S66°08'02"E, 395.67 |

SHEET 3-2



REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON
JULY 13, 1999
KENNETH H. DELANO JR.
49865
RENEWAL DATE:
01/01/2004

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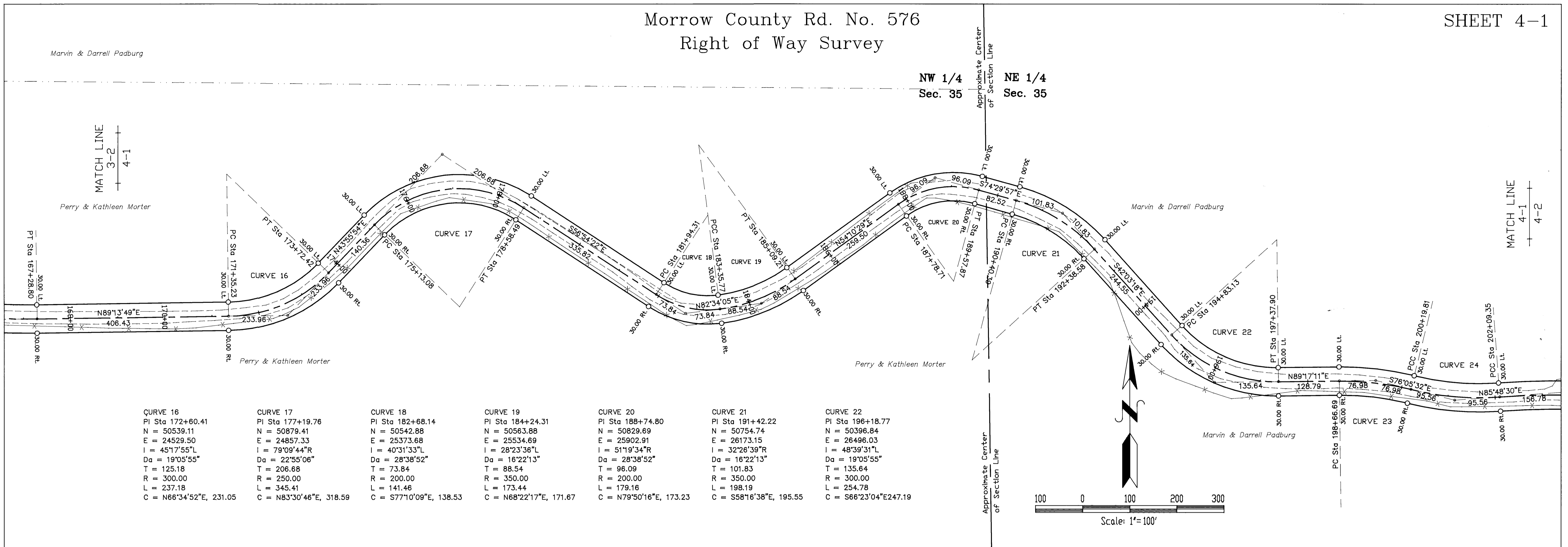


| CURVE 10 | CURVE 11 | CURVE 12 | CURVE 13 | CURVE 14 | CURVE 15 |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PI Sta 138+76.37 | PI Sta 144+26.18 | PI Sta 149+03.86 | PI Sta 156+55.66 | PI Sta 160+38.07 | PI Sta 164+99.79 |
| N = 51289.41 | N = 50960.67 | N = 50760.75 | N = 51213.08 | N = 50689.53 | N = 50528.83 |
| E = 21564.28 | E = 22005.35 | E = 22440.03 | E = 23080.31 | E = 23313.55 | E = 23763.99 |
| I = 06°25'10"L | I = 12°00'01"L | I = 59°56'18"L | I = 101°13'37"R | I = 46°21'09"L | I = 20°24'16"L |
| Da = 02°17'31" | Da = 05°43'46" | Da = 19°05'55" | Da = 20°06'14" | Da = 16°22'13" | Da = 04°24'27" |
| T = 140.20 | T = 105.11 | T = 172.99 | T = 347.13 | T = 149.84 | T = 233.96 |
| R = 2500.00 | R = 1000.00 | R = 300.00 | R = 285.00 | R = 350.00 | R = 1300.00 |
| L = 280.10 | L = 209.44 | L = 313.84 | L = 503.52 | L = 283.15 | L = 462.96 |
| C = S50°05'30"E, 279.95 | C = S59°18'05"E, 209.06 | C = N84°43'46"E, 299.72 | C = S74°37'35"E, 440.54 | C = S47°11'20"E, 275.49 | C = S89°34'03"E, 460.52 |

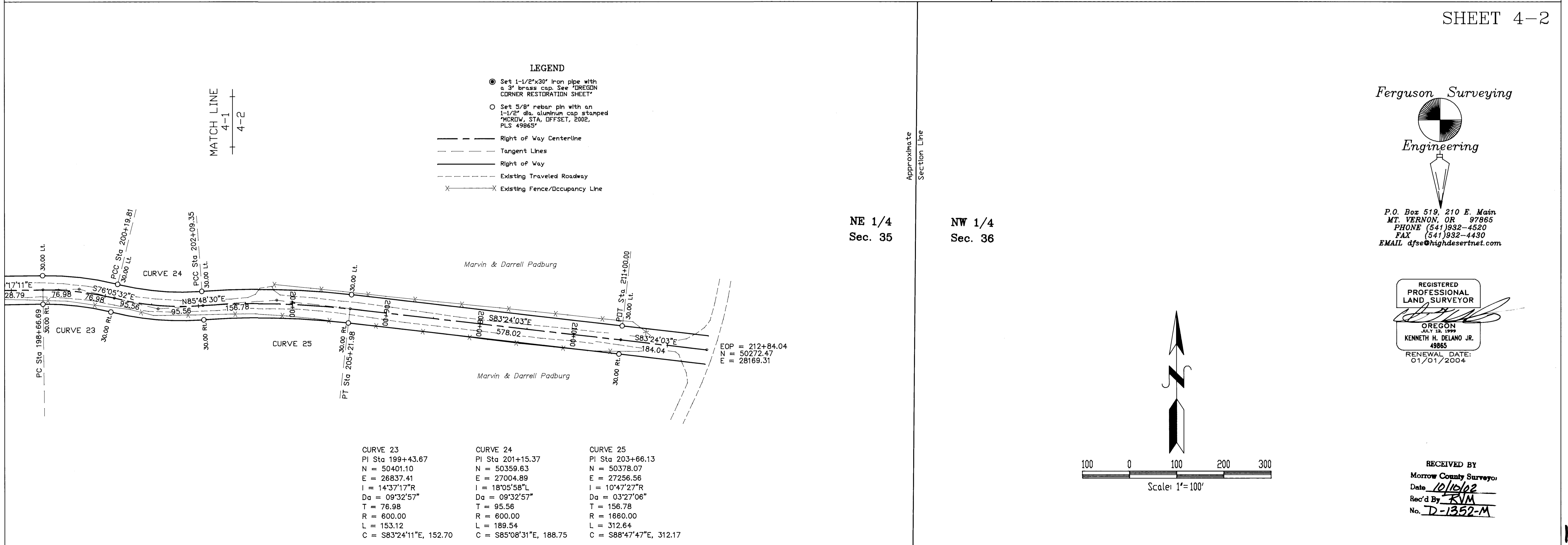
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Morrow County Rd. No. 576
Right of Way Survey



| CURVE 16 | CURVE 17 | CURVE 18 | CURVE 19 | CURVE 20 | CURVE 21 | CURVE 22 |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PI Sta 172+60.41 | PI Sta 177+19.76 | PI Sta 182+68.14 | PI Sta 184+24.31 | PI Sta 188+74.80 | PI Sta 191+42.22 | PI Sta 196+18.77 |
| N = 50539.11 | N = 50879.41 | N = 50542.88 | N = 50563.88 | N = 50829.69 | N = 50754.74 | N = 50396.84 |
| E = 24529.50 | E = 24857.33 | E = 25373.68 | E = 25534.69 | E = 25902.91 | E = 26173.15 | E = 26496.03 |
| I = 45°17'55" L | I = 79°09'44" R | I = 40°31'33" L | I = 28°23'36" L | I = 28°38'52" R | I = 51°19'34" R | I = 48°39'31" L |
| Da = 19°05'55" | Da = 22°55'06" | Da = 28°38'52" | Da = 16°22'13" | Da = 28°38'52" | Da = 16°22'13" | Da = 19°05'55" |
| T = 125.18 | T = 206.88 | T = 73.84 | T = 73.84 | T = 88.54 | T = 96.09 | T = 135.64 |
| R = 300.00 | R = 250.00 | R = 200.00 | R = 350.00 | R = 200.00 | R = 350.00 | R = 300.00 |
| L = 237.18 | L = 345.41 | L = 141.46 | L = 173.44 | L = 179.16 | L = 198.19 | L = 254.78 |
| C = N86°34'52"E, 231.05 | C = N83°30'46"E, 318.59 | C = S77°10'09"E, 138.53 | C = N68°22'17"E, 171.67 | C = N79°50'16"E, 173.23 | C = S58°16'38"E, 195.55 | C = S66°23'04"E, 247.19 |



LEGEND

- Set 1-1/2"x30" Iron pipe with a 3" brass cap. See "OREGON CORNER RESTORATION SHEET"
- Set 5/8" rebar pin with an 1-1/2" dia. aluminum cap stamped "MORROW, STA. OFFSET, 2002, PLS 49865"
- Right of Way Centerline
- - - Tangent Lines
- Right of Way
- - - Existing Traveled Roadway
- × Existing Fence/Occupancy Line

| CURVE 23 | CURVE 24 | CURVE 25 |
|-------------------------|-------------------------|-------------------------|
| PI Sta 199+43.67 | PI Sta 201+15.37 | PI Sta 203+66.13 |
| N = 50401.10 | N = 50359.63 | N = 50378.07 |
| E = 26837.41 | E = 27004.89 | E = 27256.56 |
| I = 14°37'17" R | I = 18°05'58" L | I = 10°47'27" R |
| Da = 09°32'57" | Da = 03°27'06" | Da = 03°27'06" |
| T = 76.98 | T = 95.56 | T = 156.78 |
| R = 600.00 | R = 600.00 | R = 1660.00 |
| L = 153.12 | L = 189.54 | L = 312.64 |
| C = S83°24'11"E, 152.70 | C = S85°08'31"E, 188.75 | C = S88°47'47"E, 312.17 |

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