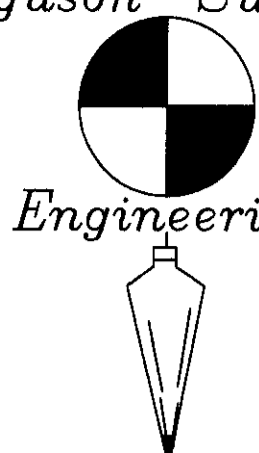


**SURVEY FOR PROPOSED RIGHT OF WAY FOR MORROW COUNTY ROAD #630.**  
 Known as Juniper Road, located in the NW1/4, NE1/4, SE1/4 and SW1/4 of Section 3, in the NW1/4, NE1/4, SE1/4 and SW1/4 of Section 2, in the NW1/4, SE1/4 and SW1/4 of Section 1, in T.1N., R.25E., W.M., and in the SW1/4 and SE1/4 of Section 6, T.1N., R.26E., W.M. in Morrow County, Oregon. Survey completed October, 2002

Ferguson Surveying



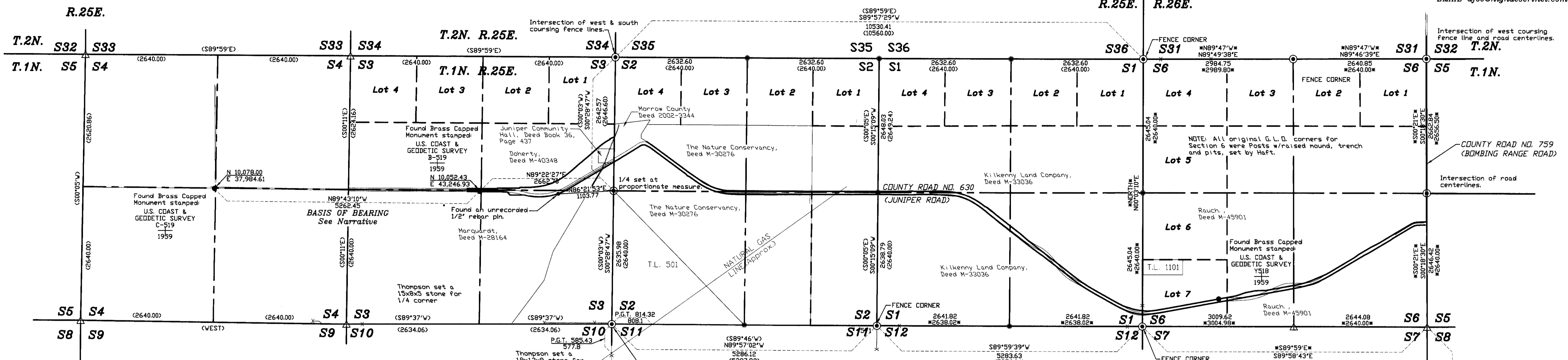
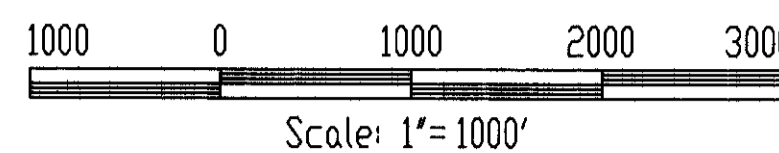
REGISTERED PROFESSIONAL LAND SURVEYOR  
 OREGON  
 JULY 13, 1999  
 KENNETH H. DELANO JR.  
 49865  
 RENEWS: 01/01/2004

INDEX

SHEET 1: COVER SHEET & INDEX  
 SHEETS 2 - 5: RIGHT OF WAY SHEETS

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 MT. VERNON, OR 97865  
 PHONE (541)932-4520  
 FAX (541)932-4430  
 EMAIL djfe@highdesertnet.com

NOTE: All original G.L.O. corners for Sections 1, 2, 3 and 4, T.1N., R.25E., W.M., were Posts w/mound and pits set by Thompson, unless otherwise noted.



NARRATIVE

This survey was performed at the request of the Morrow County Public Works Department to locate the Existing Right of Way for Morrow County Road #630, known as Juniper Road, and to locate and monument the Right of Way as required to allow for improvements of said road #630.

An extensive search was made in the public records for the original survey notes and map for this road. I was not able to locate any records that match the roads existing location on the ground. The existing road and surrounding features were surveyed and are shown herein.

The north and west exterior lines and the subdivision of T.1 N., R.26E., W.M. were originally surveyed by Ebenezer E. Haft under G.L.O. contract No. 99, Dated July 8, 1861.

The north line and the subdivision of T.1 N., R.25E., W.M. were originally surveyed by David P. Thompson under G.L.O. contract No. 122, Dated June 13, 1867.

A search was made for original corner evidence as shown herein. Most of the original corners were posts and are lost to time.

Corner positions are established as follows:

A stone was found at the corner to Sections 2, 3, 10 and 11, T.1N., R.25E. The stone was set in a north-south fence line, S01°21'18"E, 28.57 ft. from the fence corner. No marks are visible on the stone. This stone fits ties made to the gas line as shown on Pacific Gas Transmission Company's map titled "36" PIPELINE ROW & LAND SURVEY, MP306.2 TO MP312.2, TWS 1&2 N, RANGE 25 & 26 EWM", SHEET 72 OF 123. No date is shown on the P.G.T. map, but it states that ownerships are based on a 1974 title search. The P.G.T. survey shows a symbol calling for a recovered section corner and does not state what was recovered. I believe that this stone was accepted during that survey as the original corner. Based on that tie to the gas line and it's near record relationship to the surrounding accepted positions, I accept this stone as the best available evidence and set a monument.

At the corner to Sections 2, 3, 34 and 35, T.1 & 2N., R.25E., the intersect of a west coursing fence and a south coursing fence is located. Due to it's near record relationship to the surrounding accepted corner positions, I accept this position as the best available evidence and set a monument.

The 1/4 corner to Sections 2 & 3, T.1N., R.25E. is monumented at proportionate measure from the corners 1/2 mile north and south.

The corner to Sections 1, 2, 11 & 12, T.1N., R.25E., is positioned at a S and E fence corner. Due to it's near record relationship to the surrounding accepted corner positions, I accept this position as the best available evidence and set a monument.

The Township corner for T.1 & 2N., R.25 & 26E., is positioned at a N and E fence corner. Due to it's near record relationship to the surrounding accepted corner positions, I accept this position as the best available evidence and set a monument.

The corner to Sections 1, 6, 7 & 12, T.1N., R.25 & 26E., is positioned at a N and W fence corner. Due to it's near record relationship to the surrounding accepted corner positions, I accept this position as the best available evidence and set a monument.

The corner to Sections 5, 6, 31 & 32, T.1 & 2N., R.26E. is positioned at the point of intersection of County Road No. 759(Bombing Range Rd.), an easterly coursing road and a westerly coursing fence line. Due to it's near record relationship to the surrounding accepted corner positions, I accept this position as the best available evidence and set a monument.

The 1/4 corner to Sections 6 & 31, T.1 & 2N., R.26E. is positioned at a N and E fence corner. Due to it's near record relationship to the surrounding accepted corner positions, I accept this position as the best available evidence and set a monument.

The 1/4 corner to Sections 5 & 6, T.1N., R.26E. is positioned at the point of intersection of County Road No. 759(Bombing Range Rd.)and an easterly coursing road. Due to it's near record relationship to the surrounding accepted corner positions, I accept this position as the best available evidence and set a monument.

The corner to Sections 7, 8, 17 & 18, T.1N., R.26E. is positioned at the point of intersection of County Road No. 759(Bombing Range Rd.)and an easterly coursing fence line. Due to it's near record relationship to the surrounding accepted corner positions, I accept this position as the best available evidence and set a monument.

The 1/4 corner to Sections 17 & 18, T.1N., R.26E. is positioned at the point of intersection of County Road No. 759(Bombing Range Rd.)and an easterly coursing road. Due to it's near record relationship to the surrounding accepted corner positions, I accept this position as the best available evidence and set a monument.

At the corner to Sections 17, 18, 19 & 20, T.1N., R.26E., a P.K. nail set in the centerline of County Road No. 759(Bombing Range Rd.) is found as shown on Morrow County Map of Survey No. C-1263-E(1036).

At the 1/4 corner to Sections 17 & 20, T.1N., R.26E., a Brass Capped monument is found as shown on Morrow County Map of Survey No. C-1194-E(968).

Based on the field survey of the existing road, a 60 ft. Right of Way is shown herein for the previous record right of way for County Road #630.

The design centerline alignment was placed and proposed new right of way located as needed to fit the design requirements. The design plans are available for review at the Morrow County Public Works Department. The proposed new right of way is then monumented as shown.

This survey was performed by running a random point network using a Leica TCA 1100 Total Station. The fixed coordinates for this network are assumed coordinates at U.S. Coast and Geodetic Survey monuments B-519 and C-519 as supplied by Ron McKinnis, County Surveyor. The network was then adjusted by Least Squares adjustment using Lieco's Liscad Plus v4.10(Build 121) Software. The Basis of Bearing for this survey is the inverse between the above said U.S. C. & G.S. monuments.

LEGEND

- Bearing/Dist. Record bearing/distance returned by Ebenezer E. Haft, G.L.O. contract no. 99
- (Bearing/dist.) Record bearing/distance returned by David P. Thompson, G.L.O. contract no. 122
- Found Monument, See note at symbol.
- ⊙ Set 2-1/2" dia x 30' aluminum pipe with a 3' dia. cap. See Narrative
- \* Calculated position.
- △ Approximate position, shown informational purposes only

MONUMENT COORDINATE TABLE

STATION	NORTHING	EASTING
2, 3, 10 & 11	7445.43	45887.47
1/4 2 & 3	10081.32	45909.54
2, 3, 34 & 35	12723.78	45931.67
1, 2, 11 & 12	7440.87	51173.57
1, 6, 7 & 12	7441.41	56457.20
1, 6, 31 & 36	12731.49	56462.08
1/4 6 & 31	12738.20	59441.51
5, 6, 31 & 32	12748.47	62082.34
1/4 5 & 6	10085.67	62096.66
7, 8, 17 & 18	2146.54	62139.37
1/4 17 & 18	-499.80	62146.18

CALCULATED POSITIONS COORDINATE TABLE

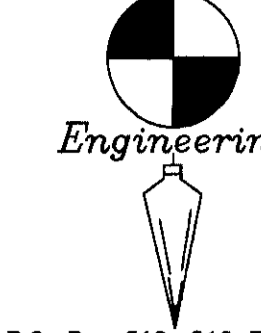
CALC. POSITION	NORTHING	EASTING
1/4 2 & 11	7443.15	48530.52
1/4 2 & 35	12725.71	48564.27
1, 2, 35 & 36	12727.64	51196.87
1/4 1 & 2	10079.64	51185.20
1/4 1 & 12	7441.14	53815.39
1/4 1 & 6	10086.45	56459.64
1/4 1 & 36	12729.56	53829.48

RECEIVED BY  
 Morrow County Surveyor

Date: 6-14-2014  
 Rec'd By: S.K.H.  
 No.: C-1340-M  
 Folder No.: 1340

Found P.K. nail for Section Corner.

Ferguson Surveying



REGISTERED PROFESSIONAL LAND SURVEYOR  
KENNETH H. DELANO JR.  
49865  
RENEWS: 01/01/2004

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EMAIL djse@highdesertnet.com

Doherty, Deed M-40348

Community Grange Hall Deed 36-437

Marquardt, Deed M-28164

The Nature Conservancy, Deed M-30276

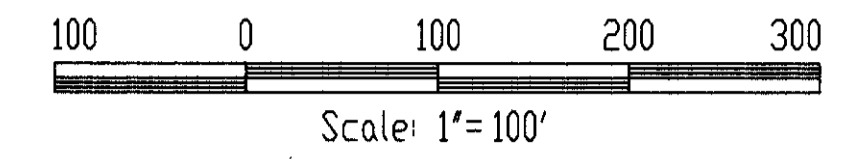
LEGEND

- Previous Record Right of Way
- Proposed New Right of Way
- Right of Way Centerline
- Set 5/8"x30" rebar pin with 2" Dia. Aluminum capped stamped "MCRDW, Station, Offset to Centerline, PLS 49865"
- Existing Fence Line
- Existing Traveled Roadway
- Tangent Lines
- Calculated Centerline Controlling Point, no monument set.

CURVE 1 @ DATA  
PI Sta. 17+28.62  
Total l = 41'30"02" Lt.

CIRCULAR  
I = 16'30"02"  
Da = 05'00"00"  
T = 166.16  
R = 1145.92  
L = 330.01  
CH = N68'33'44"E, 328.87

SPIRALS  
Is = 12'30"00"  
L = 500.00  
X = 497.63  
Y = 36.24  
P = 9.07  
K = 249.60  
LT = 334.17  
ST = 167.43  
T = 687.20  
CH In = N85'08'47"E, 498.95  
CH Out = N51'58'42"E, 498.95



R.O.W. PIN COORDINATE TABLE

STATION	NORTHING	EASTING	OFFSET
0+00.00	10,107.25	42,999.57	36.26 Lt
0+00.00	10,047.25	43,000.28	23.74 Rt
6+00.00	10,108.09	43,599.60	29.89 Lt
6+00.00	10,118.20	43,599.48	40.00 Lt
6+31.93	10,048.14	43,632.25	30.45 Rt
8+00.00	10,041.18	43,800.42	39.42 Rt
8+50.00	9,981.21	43,851.14	100.00 Rt
10+41.43	10,123.49	44,040.87	40.00 Lt
10+41.43	10,133.49	44,040.75	50.00 Lt
10+41.43	9,983.50	44,042.55	100.00 Rt
11+31.39	9,984.10	44,133.22	100.71 Rt
15+41.43	9,958.55	44,577.67	171.67 Rt
15+41.43	10,174.38	44,527.10	50.00 Lt
18+71.44	10,289.34	44,819.86	50.00 Lt
18+71.44	10,075.54	44,941.75	196.10 Rt
19+23.55	10,105.02	44,994.73	198.06 Rt
23+71.44	10,355.17	45,417.20	267.32 Rt
23+71.44	10,590.28	45,204.10	50.00 Lt
26+50.00	10,769.95	45,417.21	40.00 Lt
27+70.92	10,851.15	45,506.80	40.00 Lt
27+70.92	10,562.91	45,768.06	349.02 Rt
27+70.92	10,562.91	45,768.06	349.02 Rt
31+70.92	10,713.93	46,023.11	386.35 Rt
31+70.92	11,096.51	45,834.96	40.00 Lt
31+70.92	11,096.51	45,834.96	40.00 Lt
31+70.92	11,096.51	45,834.96	40.00 Lt
31+70.92	11,105.49	45,830.54	50.00 Lt
37+48.48	10,915.66	46,350.00	186.48 Rt
38+17.33	10,969.10	46,432.82	105.21 Rt
38+99.23	10,991.13	46,529.68	40.82 Rt
38+99.23	11,053.55	46,567.01	31.90 Lt
40+00.00	10,998.12	46,652.12	30.00 Lt
40+00.00	10,948.27	46,618.73	30.00 Rt

R.O.W. CURVE DATA  
I = 4'53'48"  
R = 1970.00  
L = 168.36  
CH = S87'37'54"E, 168.31

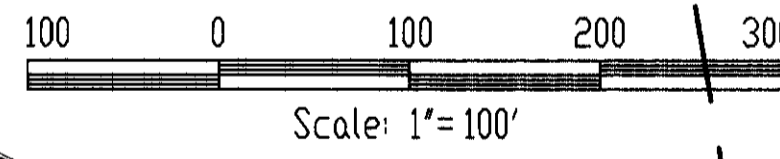
CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING
BDP 0+00.00	10,071.00	43,000.00
TS 10+41.43	10,083.50	44,041.35
SC 15+41.43	10,125.70	44,538.51
PT 17+28.62	10,091.74	44,728.50
CS 18+71.44	10,245.90	44,844.63
ST 23+71.44	10,553.24	45,237.68
TS 27+70.92	10,821.51	45,533.67
SC 31+70.92	11,060.62	45,852.61

R.O.W. CURVE DATA  
I = 22'43'18"  
R = 1130.00  
L = 448.11  
CH = S86'42'40"E, 445.18

R.O.W. CURVE DATA  
I = 19'29'01"  
R = 1130.00  
L = 384.26  
CH = N72'11'12"E, 382.41

R.O.W. CURVE DATA  
I = 3'04'29"  
R = 1130.00  
L = 60.64  
CH = N60'54'27"E, 60.64



R.O.W. PIN COORDINATE TABLE

STATION	NORTHING	EASTING	OFFSET
23+71.44	10,590.28	45,204.10	50.00 Lt
26+50.00	10,769.95	45,417.21	40.00 Lt
27+70.92	10,851.15	45,506.80	40.00 Lt
27+70.92	10,562.91	45,768.06	349.02 Rt
31+70.92	10,713.93	46,023.11	386.35 Rt
31+70.92	11,096.51	45,834.96	40.00 Lt
31+70.92	11,096.51	45,834.96	40.00 Lt
31+70.92	11,096.51	45,834.96	40.00 Lt
31+70.92	11,053.55	45,830.54	50.00 Lt
37+48.48	10,915.66	46,350.00	186.48 Rt
38+17.33	10,969.10	46,432.82	105.21 Rt
38+99.23	10,991.13	46,529.68	40.82 Rt
38+99.23	11,053.55	46,567.01	31.90 Lt
40+00.00	10,998.12	46,652.12	30.00 Lt
40+00.00	10,948.27	46,618.73	30.00 Rt

R.O.W. PIN COORDINATE TABLE

STATION	NORTHING	EASTING	OFFSET
41+48.48	10,863.17	46,738.98	30.00 Rt
41+48.48	10,911.70	46,774.27	30.00 Lt
49+00.00	10,421.26	47,346.85	30.00 Rt
49+41.83	10,388.57	47,374.80	40.00 Rt
49+41.83	10,445.19	47,415.96	30.00 Lt
50+00.00	10,362.45	47,427.84	30.00 Rt
52+00.00	10,302.67	47,628.91	35.00 Lt
54+41.83	10,185.12	47,834.10	30.00 Lt
54+41.83	10,130.11	47,810.16	30.00 Rt
56+68.03	10,059.02	48,030.74	30.00 Rt
56+68.03	10,117.67	48,043.42	30.00 Lt
61+68.03	10,084.65	48,534.72	30.00 Lt
61+68.03	10,024.65	48,535.03	30.00 Rt

CURVE 3 @ DATA  
PI Sta = 55+70.17  
Total l = 36'18'36" Lt.

CIRCULAR  
I = 11'18'36"  
Da = 05'00"00"  
T = 113.47  
R = 1145.92  
L = 226.20  
CH = S72'08'16"E, 225.84

SPIRALS  
Is = 12'30"00"  
L = 500.00  
X = 497.63  
Y = 36.24  
P = 9.07  
K = 249.60  
LT = 334.17  
ST = 167.43  
T = 628.34  
CH In = N53'08'41"E, 398.61  
CH Out = S59'18'56"E, 398.61

CURVE 2 @ DATA  
PI Sta = 35+60.04  
Total l = 78'12'19" Rt.

CIRCULAR  
I = 46'12'19"  
Da = 08'00"00"  
T = 305.52  
R = 716.20  
L = 577.57  
CH = N86'54'53"E, 562.04

SPIRALS  
Is = 16'00"00"  
L = 400.00  
X = 398.89  
Y = 37.03  
P = 9.28  
K = 199.48  
LT = 267.76  
ST = 134.33  
T = 788.12  
CH In = N53'08'41"E, 398.61  
CH Out = S59'18'56"E, 398.61

CENTERLINE COORDINATE TABLE

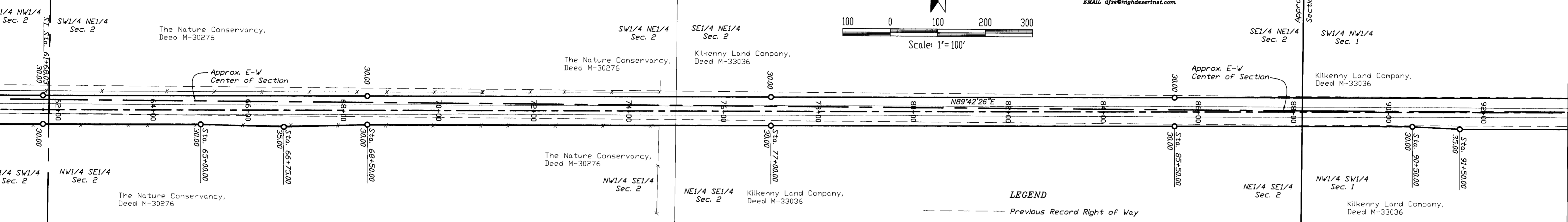
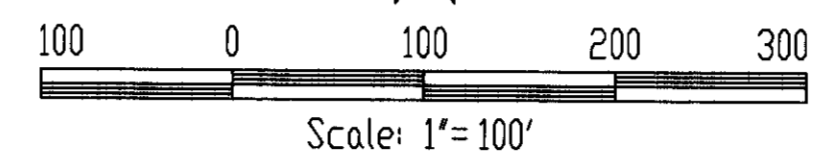
STATION	NORTHING	EASTING
TS 27+70.92	10,821.51	45,533.67
SC 31+70.92	11,060.62	45,852.61
PI 35+60.04	11,351.46	46,118.36
CS 37+48.48	11,090.87	46,413.84
ST 41+48.48	10,887.44	46,756.63
TS 49+41.83	10,420.92	47,398.32
SC 54+41.83	10,157.62	47,822.13
PI 55+70.17	10,051.44	47,906.55
CS 56+68.03	10,088.35	48,037.08
ST 61+68.03	10,054.65	48,534.88

RECEIVED BY  
Morrow County Surveyor  
Date: 4-16-2014  
Rec'd By: S.K.H.  
No.: C-1340-M  
Folder No.: 1340

Ferguson Surveying  
Engineering

REGISTERED PROFESSIONAL LAND SURVEYOR  
KENNETH H. DELANO JR.  
49865  
RENEWS: 01/01/2004

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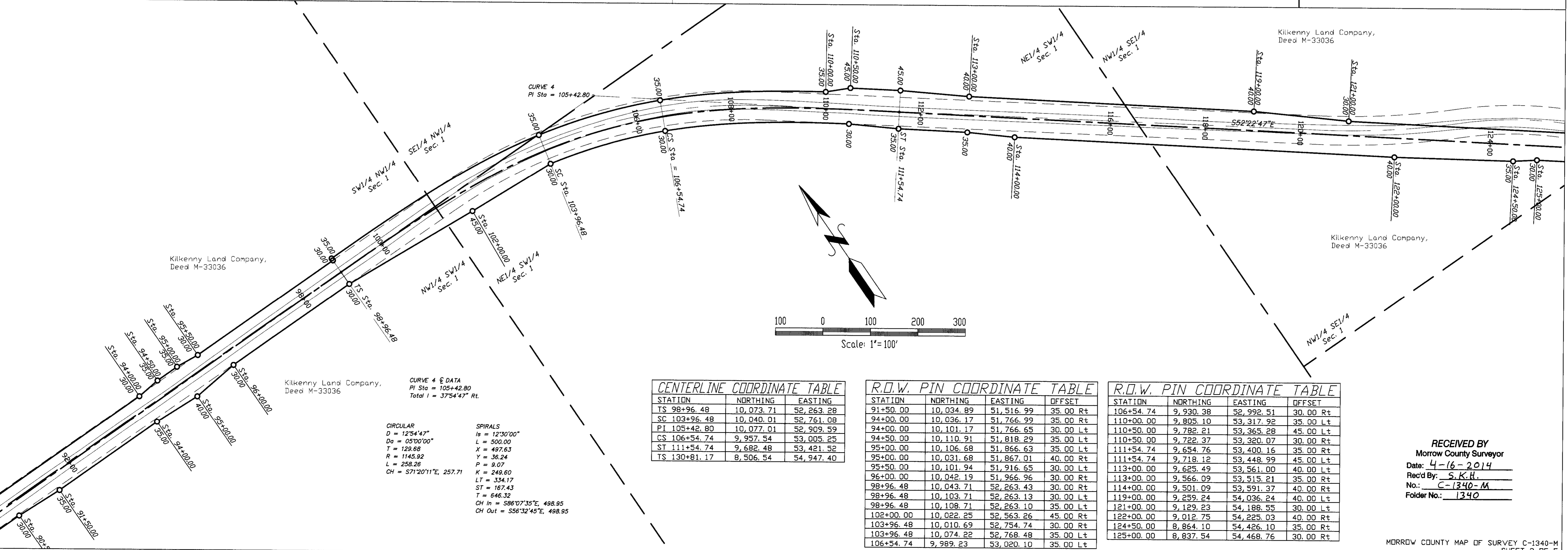


**CENTERLINE COORDINATE TABLE**

STATION	NORTHING	EASTING
ST 61+68.03	10,054.65	48,534.88
TS 98+96.48	10,073.71	52,263.28

**R.O.W. PIN COORDINATE TABLE**

STATION	NORTHING	EASTING	OFFSET
61+68.03	10,084.65	48,534.72	30.00 Lt
61+68.03	10,024.65	48,535.03	30.00 Rt
65+00.00	10,026.35	48,867.00	30.00 Rt
66+75.00	10,022.24	49,042.02	35.00 Rt
68+50.00	10,028.14	49,216.99	30.00 Rt
68+50.00	10,088.14	49,216.69	30.00 Lt
77+00.00	10,092.48	50,066.68	30.00 Lt
77+00.00	10,032.48	50,066.98	30.00 Rt
85+50.00	10,036.83	50,916.97	30.00 Rt
85+50.00	10,096.82	50,916.66	30.00 Lt
90+50.00	10,039.38	51,416.96	30.00 Rt
91+50.00	10,034.89	51,516.99	35.00 Rt



**CENTERLINE COORDINATE TABLE**

STATION	NORTHING	EASTING
TS 98+96.48	10,073.71	52,263.28
SC 103+96.48	10,040.01	52,761.08
PI 105+42.80	10,077.01	52,909.59
CS 106+54.74	9,957.54	53,005.25
ST 111+54.74	9,682.48	53,421.52
TS 130+81.17	8,506.54	54,947.40

**R.O.W. PIN COORDINATE TABLE**

STATION	NORTHING	EASTING	OFFSET
91+50.00	10,034.89	51,516.99	35.00 Rt
94+00.00	10,036.17	51,766.99	35.00 Rt
94+00.00	10,101.17	51,766.65	30.00 Lt
94+50.00	10,110.91	51,818.29	35.00 Lt
95+00.00	10,106.68	51,866.63	35.00 Lt
95+00.00	10,031.68	51,867.01	40.00 Rt
95+50.00	10,101.94	51,916.65	30.00 Lt
96+00.00	10,042.19	51,966.96	30.00 Rt
98+96.48	10,043.71	52,263.43	30.00 Rt
98+96.48	10,103.71	52,263.13	30.00 Lt
98+96.48	10,108.71	52,263.10	35.00 Lt
102+00.00	10,022.25	52,563.26	45.00 Rt
103+96.48	10,010.69	52,754.74	30.00 Rt
103+96.48	10,074.22	52,768.48	35.00 Lt
106+54.74	9,989.23	53,020.10	35.00 Lt

**R.O.W. PIN COORDINATE TABLE**

STATION	NORTHING	EASTING	OFFSET
106+54.74	9,930.38	52,992.51	30.00 Rt
110+00.00	9,805.10	53,317.92	35.00 Lt
110+50.00	9,782.21	53,365.28	45.00 Lt
110+50.00	9,722.37	53,320.07	30.00 Rt
111+54.74	9,654.76	53,400.16	35.00 Rt
111+54.74	9,718.12	53,448.99	45.00 Lt
113+00.00	9,625.49	53,561.00	40.00 Lt
113+00.00	9,566.09	53,515.21	35.00 Rt
114+00.00	9,501.09	53,591.37	40.00 Rt
119+00.00	9,259.24	54,036.24	40.00 Lt
121+00.00	9,129.23	54,188.55	30.00 Lt
122+00.00	9,012.75	54,225.03	40.00 Rt
124+50.00	8,864.10	54,426.10	35.00 Rt
125+00.00	8,837.54	54,468.76	30.00 Rt

**CIRCULAR**  
D = 1254'47"  
Da = 03°00'00"  
T = 129.68  
R = 1145.92  
L = 258.26  
CH In = S86°07'35"E, 498.95  
CH Out = S56°32'45"E, 498.95

**SPIRALS**  
Is = 12'30'00"  
L = 500.00  
X = 497.63  
Y = 36.24  
P = 9.07  
K = 249.60  
LT = 334.17  
ST = 167.43  
T = 646.32  
CH In = S86°07'35"E, 498.95  
CH Out = S56°32'45"E, 498.95

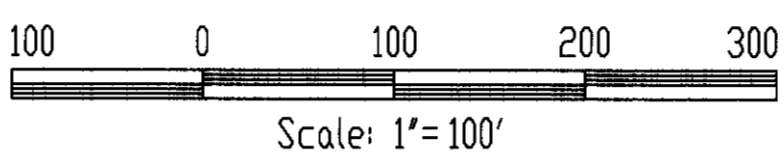
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Morrow County Surveyor  
Date: 4-16-2014  
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Folder No.: 1340

Ferguson Surveying

Engineering

P.O. Box 619, 210 E. Main  
MT. VERNON, OR 97865  
PHONE (541) 882-4520  
FAX (541) 882-4430  
EMAIL dfse@highdesertnet.com

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR  
OREGON  
KENNETH H. DELANO JR.  
49865  
RENEWS: 01/01/2004



Kilkenny Land Company,  
Deed M-33036

NW1/4 SE1/4  
Sec. 1  
SW1/4 SE1/4  
Sec. 1  
NE1/4 SE1/4  
Sec. 1  
SE1/4 SE1/4  
Sec. 1

CURVE 5 & DATA  
PI Sta = 134+99.78  
Total I = 08°43'18" L

CIRCULAR  
I = 00°43'18"  
Da = 02°00'00"  
T = 18.04  
R = 2884.79  
L = 36.08  
CH = S56°44'26"E, 36.08

SPIRALS  
Is = 04°00'00"  
L = 400.00  
X = 399.81  
Y = 9.31  
P = 2.33  
K = 199.97  
LT = 266.73  
ST = 133.40  
T = 418.61  
CH In = S53°42'46"E, 399.92  
CH Out = S59°46'06"E, 399.92

Kilkenny Land Company,  
Deed M-33036

Kilkenny Land Company,  
Deed M-33036

Rauch,  
Deed M-45901

Rauch,  
Deed M-45901

Kilkenny Land Company,  
Deed M-33036

S1 S6  
S12 S7  
FENCE CORNER

LEGEND

- Previous Record Right of Way
- Proposed New Right of Way
- Right of Way Centerline
- Set 5/8"x30" rebar pin with 2" Dia. Aluminum capped stamped "MCRDW, Station, Offset to Centerline PLS 49865"
- Existing Fence Line
- Existing Traveled Roadway
- Tangent Lines
- Calculated Centerline Controlling Point, no monument set.

R.O.W. PIN COORDINATE TABLE

STATION	NORTHING	EASTING	OFFSET
124+50.00	8,864.10	54,426.10	35.00 Rt
125+00.00	8,837.54	54,468.76	30.00 Rt
130+81.17	8,482.78	54,929.09	30.00 Rt
130+81.17	8,530.30	54,965.72	30.00 Lt
134+81.17	8,294.84	55,286.37	30.00 Lt
134+81.17	8,244.88	55,253.15	30.00 Rt
135+17.25	8,224.88	55,283.64	30.00 Rt
135+17.25	8,275.26	55,316.22	30.00 Lt
139+17.25	8,074.98	55,659.94	30.00 Lt
139+17.25	8,022.45	55,630.95	30.00 Rt

R.O.W. PIN COORDINATE TABLE

STATION	NORTHING	EASTING	OFFSET
141+44.80	7,912.49	55,830.16	30.00 Rt
141+44.80	7,965.01	55,859.16	30.00 Lt
144+00.00	7,848.42	56,083.54	30.00 Lt
145+94.80	7,791.87	56,264.08	40.00 Lt
145+94.80	7,724.38	56,245.49	30.00 Rt
147+97.13	7,690.62	56,451.03	30.00 Rt
147+97.13	7,760.50	56,455.01	40.00 Lt
149+00.00	7,749.82	56,554.41	30.00 Lt
152+47.13	7,795.01	56,894.04	30.00 Lt
152+47.13	7,735.97	56,904.71	30.00 Rt

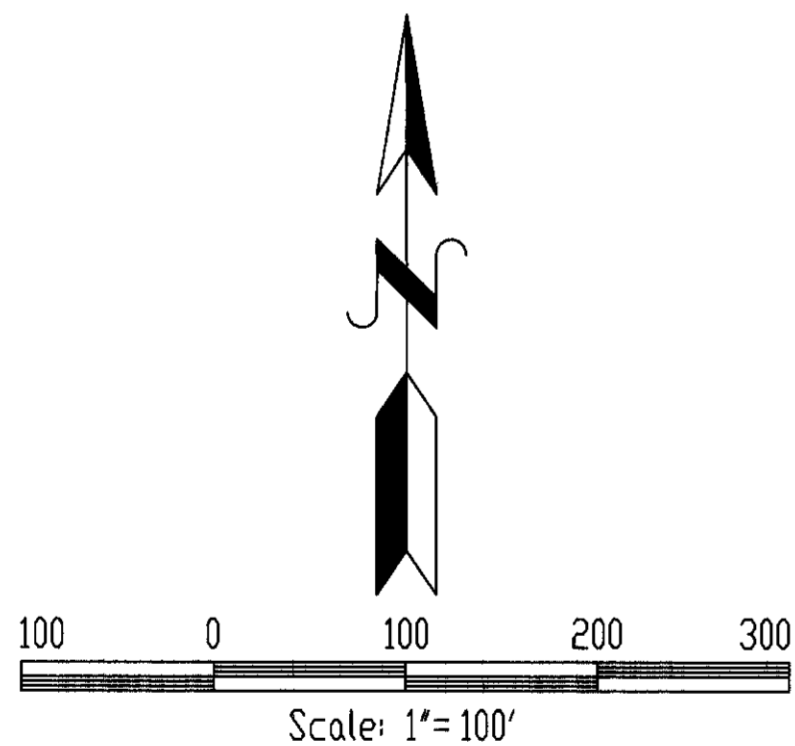
CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING
TS 130+81.17	8,506.54	54,947.40
SC 134+81.17	8,269.86	55,269.76
PI 134+99.78	8,251.01	55,278.97
CS 135+17.25	8,250.07	55,299.93
ST 139+17.25	8,048.71	55,645.45
TS 141+44.80	7,938.75	55,844.66
SC 145+94.80	7,753.31	56,253.46
PI 147+11.99	7,664.65	56,341.22
CS 147+97.13	7,720.57	56,452.73
ST 152+47.13	7,765.49	56,899.37

CURVE 6 & DATA  
PI Sta = 147+11.99  
Total I = 39°08'22" Lt

CIRCULAR  
I = 12°08'22"  
Da = 06°00'00"  
T = 101.54  
R = 954.93  
L = 202.33  
CH = S80°40'16"E, 201.95

SPIRALS  
Is = 13°30'00"  
L = 450.00  
X = 447.51  
Y = 35.20  
P = 8.82  
K = 224.58  
LT = 300.88  
ST = 150.80  
T = 567.19  
CH In = S65°36'03"E, 448.89  
CH Out = N84°15'32"E, 448.89



R.O.W. PIN COORDINATE TABLE

STATION	NORTHING	EASTING	OFFSET
161+00.00	7,887.60	57,743.99	30.00 Rt
161+00.00	7,946.64	57,733.32	30.00 Lt
167+00.00	8,053.31	58,323.76	30.00 Lt
169+00.00	8,118.39	58,515.24	60.00 Lt
169+00.00	8,029.83	58,531.25	30.00 Rt
177+00.00	8,153.95	58,712.06	60.00 Lt
173+00.00	8,159.99	58,914.21	30.00 Lt
177+54.84	8,181.81	59,372.46	30.00 Rt
177+54.84	8,240.85	59,361.80	30.00 Lt
181+00.00	8,311.00	59,696.94	30.00 Lt
182+54.84	8,300.37	59,862.89	30.00 Rt
182+54.84	8,366.05	59,838.67	40.00 Lt
182+65.86	8,369.79	59,848.71	40.00 Lt
182+65.86	8,304.30	59,873.43	30.00 Rt
185+50.00	8,479.93	60,105.07	30.00 Lt

CENTERLINE COORDINATE TABLE

STATION	NORTHING	EASTING
ST 152+47.13	7,765.49	56,899.37
TS 177+54.84	8,211.33	59,367.13
SC 182+54.84	8,328.52	59,852.51
PI 182+64.15	8,301.88	59,868.33
CS 182+65.86	8,332.37	59,862.84
ST 187+65.86	8,561.77	60,306.35

CURVE 7 & DATA  
PI Sta = 182+64.15  
Total I = 20°26'28" L

CIRCULAR  
I = 00°26'28"  
Da = 04°00'00"  
T = 5.51  
R = 1432.39  
L = 11.03  
CH = N69°32'19"E, 11.03

SPIRALS  
Is = 10°00'00"  
L = 500.00  
X = 498.48  
Y = 29.03  
P = 7.20  
K = 249.75  
LT = 333.87  
ST = 167.15  
T = 509.31  
CH In = N76°25'34"E, 498.53  
CH Out = N62°39'04"E, 498.53

Rauch,  
Deed M-45901

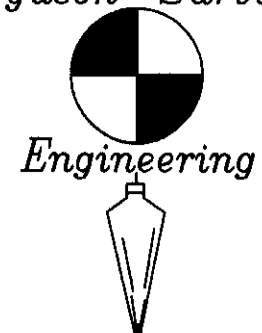
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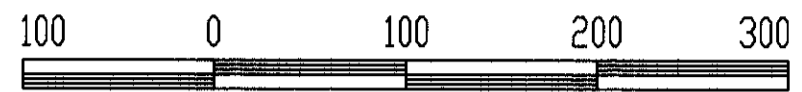


REGISTERED PROFESSIONAL LAND SURVEYOR

KENNETH H. DELANO JR. 49865

RENEWS: 01/01/2004

P.O. Box 519, 210 E. Main Mt. Vernon, OR 97885 PHONE (541)832-4600 FAX (541)832-4430 EMAIL dfse@highdesertnet.com



Scale: 1"=100'

CENTERLINE COORDINATE TABLE		
STATION	NORTHING	EASTING
ST 187+65.86	8,561.77	60,306.35
PC 204+93.16	9,443.16	61,791.85
PI 205+73.20	9,484.00	61,860.68
PT 206+49.59	9,485.13	61,940.70
EDP 208+20.46	9,487.54	62,111.56

CURVE 8 @ DATA  
 PI Sta = 205+73.20  
 I = 29°52'27" RL

CIRCULAR  
 D = 29°52'27"  
 Da = 19°05'55"  
 T = 80.03  
 R = 300.00  
 L = 156.42  
 CH = N74°15'19"E, 154.66

CURVE 7 @ DATA  
 PI Sta = 182+64.15  
 Total I = 20°6'28"L

CIRCULAR  
 I = 00°26'28"  
 Da = 04°00'00"  
 T = 5.51  
 R = 1432.39  
 L = 11.03  
 CH = N69°32'19"E, 11.03

SPIRALS  
 Is = 10°00'00"  
 L = 500.00  
 X = 498.48  
 Y = 29.03  
 P = 7.26  
 K = 249.75  
 LT = 333.87  
 ST = 167.15  
 T = 509.31  
 CH In = N76°25'34"E, 498.53  
 CH Out = N62°39'04"E, 498.53

LEGEND

- Previous Record Right of Way
- Proposed New Right of Way
- Right of Way Centerline
- Set 5/8"x30" rebar pin with 2" Dia. Aluminum capped stamped "MCRDW, Station, Offset to Centerline, PLS 49865".
- Existing Fence Line
- Existing Traveled Roadway
- Tangent Lines
- Calculated Centerline Controlling Point, no monument set.

R.O.W. PIN COORDINATE TABLE				
STATION	NORTHING	EASTING	OFFSET	
181+00.00	8,311.00	59,696.94	30.00	Lt
182+54.84	8,300.37	59,862.89	30.00	Rt
182+54.84	8,366.05	59,838.67	40.00	Lt
182+65.86	8,369.79	59,848.71	40.00	Lt
182+65.86	8,304.30	59,873.43	30.00	Rt
185+50.00	8,479.93	60,105.07	30.00	Lt
187+65.86	8,587.57	60,291.03	30.00	Lt
187+65.86	8,535.97	60,321.65	30.00	Rt
192+00.00	8,809.12	60,664.44	30.00	Lt
193+00.00	8,868.75	60,745.35	40.00	Lt
194+00.00	8,859.53	60,866.99	30.00	Rt

R.O.W. PIN COORDINATE TABLE				
STATION	NORTHING	EASTING	OFFSET	
195+00.00	8,906.28	60,955.57	35.00	Rt
196+00.00	9,021.78	61,003.32	40.00	Lt
197+50.00	9,089.75	61,137.41	30.00	Lt
200+00.00	9,161.41	61,385.58	35.00	Rt
200+50.00	9,191.21	61,426.00	30.00	Rt
204+93.16	9,417.36	61,807.16	30.00	Rt
204+93.16	9,468.96	61,776.54	30.00	Lt
206+49.59	9,515.13	61,940.28	30.00	Lt
206+49.59	9,455.13	61,941.12	30.00	Rt
207+00.00	9,455.84	61,991.23	30.00	Rt
207+00.00	9,515.83	61,990.38	30.00	Lt

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