

NARRATIVE:

THIS SURVEY WAS PREPARED FOR THE OREGON BRIDGE DEVELOPMENT PARTNERSHIP (O.B.D.P.) AND THE OREGON DEPARTMENT OF TRANSPORTATION (O.D.O.T.) IN PREPARATION FOR THE REPLACEMENT OF BRIDGE #08780 OVER THE GRANDE RONDE RIVER AND THE IDAHO AND NORTHERN PACIFIC RAILROAD (INDIAN CREEK).

THE PURPOSE OF THIS SURVEY IS TO RESOLVE THE LOCATION OF THE EXISTING RIGHT-OF-WAY FOR A PORTION OF HIGHWAY 82 BEGINNING AT STATION 930+00 AND ENDING AT STATION 960+00. THIS SURVEY ESTABLISHES A HORIZONTAL CONTROL NETWORK AND RECOVERS THE POSITION OF EXISTING MONUMENTS.

THE CENTERLINE LOCATION WAS RESOLVED BY LOCATING RIGHT OF WAY MONUMENTATION AND UTILIZING THE O.D.O.T. RIGHT OF WAY MAPS 8B-16-17 AND 10B-3-35, AS WELL AS THE DEEDS LISTED IN THE REFERENCE DOCUMENTS. MONUMENT NUMBER 1000 WAS HELD FOR POSITION AT 903+87.17, 60.00' LEFT, AND THE ALIGNMENT WAS ROTATED TO MONUMENT NUMBER 1012, AT 50.00' LEFT. MONUMENTS 1051, 1052 AND 1011 WERE WITHIN ACCEPTABLE LIMITS FOR RIGHT OF WAY OFFSET, AND WERE HELD. THE DISTANCE BETWEEN MONUMENT NUMBER 1000 AND MONUMENT NUMBER 1004 WAS FOUND TO BE WITHIN 0.02' OF RECORD DISTANCE, AND WAS HELD FOR STATIONING.

THE CENTERLINE AND RIGHT-OF-WAY LOCATION FOR THE IDAHO AND NORTHERN PACIFIC RAILROAD WAS RESOLVED BY LOCATING THE RAILS AND UTILIZING DEED BOOK 144, PAGE 564, UNION COUNTY DEED RECORDS. THE TWO TANGENT SECTIONS OF RAIL WERE HELD FOR THE PLACEMENT OF THE RECORD CENTERLINE. THE RIGHT OF WAY LINES WERE THEN OFFSET FROM THE CENTERLINE FIFTY FEET ON EACH SIDE.

THE HORIZONTAL COMPONENT OF THIS SURVEY UTILIZES A LOCAL DATUM PLANE (LDP). THE LDP IS RELATIVE TO THE OREGON COORDINATE SYSTEM (OCS), NORTH ZONE, NAD 83(91). THE LDP COORDINATES DEFINE TRUE GROUND DISTANCES. TO RETURN THE COORDINATES TO GRID, MULTIPLY BOTH THE NORTH AND EAST COORDINATE BY 0.99978464. THE VERTICAL COMPONENT WAS DERIVED BY DIFFERENTIAL LEVELING FROM THE USC&G BENCHMARK "A405", (PID# RA0864). THE FIELD WORK WAS CONDUCTED BY ANDERSON PERRY & ASSOC. FIELD CREWS BEGINNING IN MARCH OF 2007 AND COMPLETED IN MAY OF 2007. A CONTROL NETWORK WAS SET AND A "LEAST SQUARES" ADJUSTMENT WAS PERFORMED ON THE NETWORK POINT COORDINATES. THE MONUMENTS WERE THEN SURVEYED FROM THE CONTROL NETWORK. THE EQUIPMENT USED WAS A TRIMBLE 5603DR200+ TOTAL STATION, A TRIMBLE S6 TOTAL STATION, THREE TOPCON L1/L2 GPS RECEIVERS AND A TRIMBLE DINI 12 DIGITAL LEVEL. NETWORK AND STRATEGIC POINTS SET DURING THIS SURVEY DO NOT REPRESENT PROPERTY LINES OR RIGHT OF WAY LINES.

REFERENCE DOCUMENTS:

- ODOT DRAWINGS:
M1. 8B-16-17
M2. 10B-3-35
- DEEDS:
D1. DOC. NO. 20042892
D2. DOC. NO. 20070407
D3. DOC. NO. 20037551
D4. BOOK 148, PAGE 278
D5. BOOK 144, PAGE 564
D6. BOOK 143, PAGE 780
D7. BOOK 80, PAGE 362
D8. BOOK 152, PAGE 155

- MONUMENT RECORDS:
R1. 236-89R
R2. 93-84R

- SURVEYS:
S1. SN 31-89

| LEGEND | |
|--------|--------------------------------------|
| ▲ | SET NETWORK POINT |
| ☆ | FOUND GPS STATION |
| △ | FOUND MONUMENT USED AS NETWORK POINT |

UNION COUNTY SURVEYOR

Date Received 10/11/2007
Date Filed 10/11/2007
By R. Robinson, Deputy
File No. 029-2007

REGISTERED PROFESSIONAL LAND SURVEYOR

H. M.

OREGON
JAN. 21, 1992
HARMON E. McLENDON
2537

REnews 12/31/08

ANDERSON-PERRY & ASSOCIATES
1901 N. FIR ST., LA GRANDE, OR., 97850

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
GRANDE RONDE RIVER AND INP RR (INDIAN CREEK)
HIGHWAY 10 (OR 82) MP 17.88
UNION COUNTY

FOR OREGON BRIDGE DELIVERY PARTNERS SEPT. 10, 2007
1165 UNION STREET NE, SUITE 200 SCALE: N/A
SALEM, OR 97301 SHEET 1 OF 6



MONUMENT INFORMATION
(GRID COORDINATES - OREGON COORDINATE SYSTEM NORTH ZONE) DATUM: NAD 83/91

95% CONFIDENCE REGIONS

| STATION DESIGNATION | NORTHING (ft) (GRID) | EASTING (ft) (GRID) | LATITUDE (N) | LONGITUDE (W) | ELLIPSOID HT. NAVD88 | ORTHO. ELEVATION | SEMI MAJOR AXIS | AZIMUTH | SEMI MINOR AXIS | HEIGHT |
|---------------------|----------------------|---------------------|-----------------|------------------|----------------------|------------------|-----------------|---------|-----------------|--------|
| 50 | 687546.205 | 8863607.611 | 45°31'24.81429" | 117°55'06.67221" | 2632.35' | 2691.40' | 0.034' | 155°03' | 0.031' | N/A* |
| 51 | 684241.825 | 8860140.037 | 45°30'53.29544" | 117°55'56.82904" | 2925.33' | 2984.37' | N/A* | N/A* | N/A* | 0.06' |
| 52 | 694646.675 | 8859884.809 | 45°32'36.05708" | 117°55'55.76799" | 2643.21' | 2702.25' | N/A* | N/A* | N/A* | 0.07' |
| 53 | 608902.454 | 8828543.953 | 45°18'39.41551" | 118°03'52.25917" | 2685.85' | 2744.89' | N/A* | N/A* | N/A* | 0.09' |
| NET 1 | 689963.794 | 8862755.635 | 45°31'48.94105" | 117°55'17.54963" | 2689.89' | 2748.97' | 0.027' | 134°23' | 0.022' | 0.05' |
| NET 2 | 690179.816 | 8862736.302 | 45°31'51.07897" | 117°55'17.72424" | 2683.34' | 2742.43' | 0.026' | 141°58' | 0.021' | 0.05' |
| NET 3 | 692982.167 | 8863412.070 | 45°32'18.52112" | 117°55'06.97818" | 2623.56' | 2682.81' | 0.025' | 147°45' | 0.021' | 0.05' |
| NET 4 | 692709.595 | 8863570.361 | 45°32'15.78129" | 117°55'04.87769" | 2621.25' | 2680.49' | 0.021' | 161°27' | 0.017' | 0.05' |
| NET 5 | 691092.729 | 8863748.839 | 45°31'59.76886" | 117°55'03.09740" | 2624.97' | 2684.05' | 0.025' | 151°21' | 0.022' | 0.05' |

*FIXED POINTS NOT SUBJECT TO LEAST SQUARES ADJUSTMENT OR CONFIDENCE LEVEL ANALYSIS:

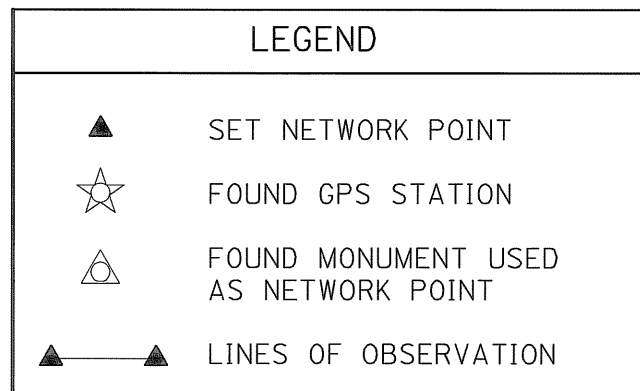
NETWORK POINT COORDINATE TABLE

| PT. NO. | LDP NORTHING | LDP EASTING | DATE | DESCRIPTION |
|---------|--------------|-------------|-----------|--|
| 50 | 687694.306 | 8865516.868 | 27 MAR 07 | FOUND USC&G BRASS BENCHMARK DISK MORTARED INTO ROCK STAMPED "A405 1945" PID# RA0864 |
| 51 | 684389.213 | 8862048.547 | 27 MAR 07 | FOUND A 2 1/2" ALUMINUM CAP MARKED "BAGETT - GRIFFITH & ASSOC. T1N R39E S33 S34 S4 S3 T1S 1989 OPLS 991" MON.REC.236-89R |
| 52 | 694796.305 | 8861793.264 | 27 MAR 07 | FOUND A 3" BRASS CAP MARKED "COR T1N R39E S21 S22 S28 S27 ORE LIC 381 75" MON.REC.93-84R |
| 53 | 609033.614 | 8830445.657 | 28 MAR 07 | FOUND A 2 1/2" BRASS DISK SET IN CONCRETE POST STAMPED "PLSO BASELINE GPS" PID# RB1490 |
| NET 1 | 690112.415 | 8864664.708 | 21 MAR 07 | SET A 5/8"x30" REBAR WITH 1 1/2" ALUMINUM CAP MARKED "APA OR 2537 WA 35140 NET 1" |
| NET 2 | 690328.483 | 8864645.372 | 21 MAR 07 | SET A 5/8"x30" REBAR WITH 1 1/2" ALUMINUM CAP MARKED "APA OR 2537 WA 35140 NET 2" |
| NET 3 | 693131.438 | 8865321.285 | 21 MAR 07 | SET A 5/8"x30" REBAR WITH 1 1/2" ALUMINUM CAP MARKED "APA OR 2537 WA 35140 NET 3" |
| NET 4 | 692858.807 | 8865479.611 | 21 MAR 07 | SET A 5/8"x30" REBAR WITH 1 1/2" ALUMINUM CAP MARKED "APA OR 2537 WA 35140 NET 4" |
| NET 5 | 691241.593 | 8865658.127 | 21 MAR 07 | SET A 5/8"x30" REBAR WITH 1 1/2" ALUMINUM CAP MARKED "APA OR 2537 WA 35140 NET 5" |

RESIDUALS FOR ANGLES AND DISTANCES

| AT | TO | DISTANCE* | DISTANCE RESIDUAL | ANGLE RESIDUAL |
|-------|-------|-----------|-------------------|----------------|
| NET 1 | NET 5 | 1505.348' | -0.000' | -6.78" |
| NET 1 | NET 5 | 1505.348' | -0.000' | -1.78" |
| NET 1 | NET 2 | 217.019' | -0.006' | -6.39" |
| NET 1 | NET 2 | 217.019' | -0.006' | -7.89" |
| NET 2 | NET 4 | 2665.006' | 0.021' | -5.28" |
| NET 2 | NET 4 | 2665.006' | 0.021' | 3.78" |
| NET 2 | NET 5 | 1364.856' | 0.004' | -3.27" |
| NET 2 | NET 5 | 1364.856' | 0.004' | 0.23" |
| NET 4 | NET 3 | 315.274' | 0.003' | -0.29" |
| NET 4 | NET 3 | 315.274' | 0.008' | -0.29" |

*CALCULATED HORIZONTAL DISTANCE IN FEET DERIVED FROM THE MEASURED SLOPE DISTANCE



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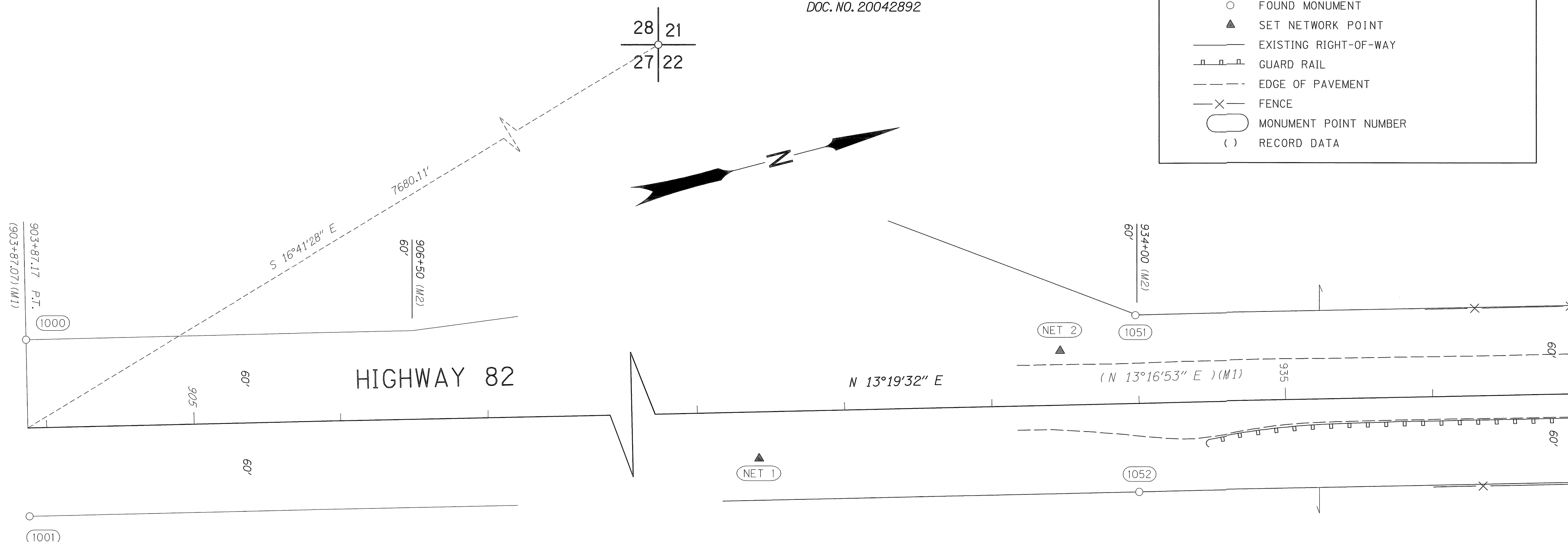
T. 1 N., R. 39 E. W.M.
T. 1 S., R. 39 E. W.M.

REGISTERED PROFESSIONAL LAND SURVEYOR
A.M.
OREGON
JAN. 21, 1992
HARMON E. MCLENDON
2537
Renews 12/31/08

ANDERSON-PERRY & ASSOCIATES
1901 N. FIR ST., LA GRANDE, OR., 97850
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
GRANDE RONDE RIVER AND INP RR (INDIAN CREEK)
HIGHWAY 10 (OR 82) MP 17.88
UNION COUNTY
FOR OREGON BRIDGE DELIVERY PARTNERS
1165 UNION STREET NE, SUITE 200
SALEM, OR 97301

WEST FAMILY RANCH, LLC
DOC. NO. 20042892

| LEGEND | |
|---------|-----------------------|
| ○ | FOUND MONUMENT |
| ▲ | SET NETWORK POINT |
| — | EXISTING RIGHT-OF-WAY |
| — — — — | GUARD RAIL |
| - - - - | EDGE OF PAVEMENT |
| —X— | FENCE |
| ○ | MONUMENT POINT NUMBER |
| () | RECORD DATA |



WEST FAMILY RANCH, LLC
DOC. NO. 20042892

RECOVERED MONUMENT LIST

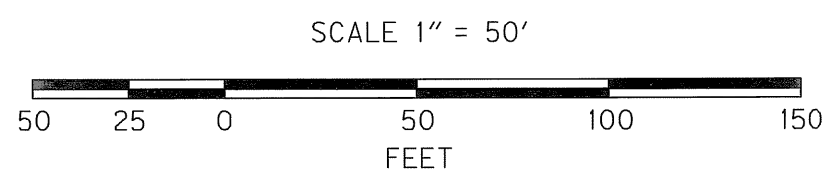
| PT. NO. | LDP NORTHING | LDP EASTING | STATION | OFFSET | DATE | DESCRIPTION |
|---------|--------------|-------------|-----------|----------|-----------|---|
| 1000 | 687453.612 | 8863940.688 | 903+87.17 | 60.00' L | 28 MAR 07 | FOUND 5/8" REBAR. WITNESS POST INSCRIBED "SHRW STA 903+87.17 PT 60.00' LT" |
| 1001 | 687425.867 | 8864057.373 | 903+87.07 | 59.94' R | 27 MAR 07 | FOUND 5/8" REBAR. WITNESS POST INSCRIBED "SHRW STA 903+87.17 PT 60.00' LT" |
| 1051 | 690384.072 | 8864634.857 | 933+98.73 | 59.94' L | 27 MAR 07 | FOUND 5/8" REBAR. WITNESS POST INSCRIBED "SHRW STA 934+00.00 POT 60.00' LT" |
| 1052 | 690356.447 | 8864751.580 | 933+98.75 | 60.01' R | 27 MAR 07 | FOUND 5/8" REBAR. WITNESS POST INSCRIBED "SHRW STA 934+00.00 POT 60.00' RT" |

SET MONUMENT LIST

| PT. NO. | LDP NORTHING | LDP EASTING | STATION | OFFSET | DESCRIPTION |
|---------|--------------|-------------|-----------|----------|---|
| NET 1 | 690112.415 | 8864664.708 | 931+41.26 | 31.72' R | SET A 5/8"x30" REBAR WITH 1 1/2" ALUMINUM CAP MARKED "APA OR 2537 WA 35140 NET 1" |
| NET 2 | 690328.483 | 8864645.372 | 933+47.06 | 36.90' L | SET A 5/8"x30" REBAR WITH 1 1/2" ALUMINUM CAP MARKED "APA OR 2537 WA 35140 NET 2" |

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REGISTERED PROFESSIONAL LAND SURVEYOR
A. M.
O R E G O N
JAN. 21, 1992
HARMON E. MCLENDON
2587
Renews 12/31/08



ANDERSON-PERRY & ASSOCIATES
1901 N. FIR ST., LA GRANDE, OR., 97850
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
GRANDE RONDE RIVER AND INP RR (INDIAN CREEK)
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1165 UNION STREET NE, SUITE 200
SALEM, OR 97301
SEPT. 10, 2007
SCALE: 1" = 50'
SHEET 3 OF 6

RECOVERED MONUMENT LIST

| PT. NO. | LDP NORTHING | LDP EASTING | STATION | OFFSET | DATE | DESCRIPTION |
|---------|--------------|-------------|--------------|----------|-----------|--|
| 1004 | 690968.649 | 8864773.375 | 939+99.49 BK | 59.89' L | 17 MAY 07 | FOUND 5/8" SMOOTH IRON ROD 0.2' ABOVE GROUND. WITNESS POST INSCRIBED "SHRW EQ 939+99.51 POT BK = 940+00.00 PT AH 60.00 LT" |

SET MONUMENT LIST

| PT. NO. | LDP NORTHING | LDP EASTING | STATION | OFFSET | DESCRIPTION |
|---------|--------------|-------------|-----------|-----------|--|
| 10 | 691363.081 | 8864983.826 | 944+32.30 | 53.99' R | SET A MAGNETIC (PK TYPE) NAIL IN CRACK OF BASALT ROCK. |
| 20 | 690986.328 | 8865188.739 | 941+12.92 | 340.22' R | SET A 1/2"x24" REBAR WITH RED PLASTIC CAP MARKED "APA CONTROL" |

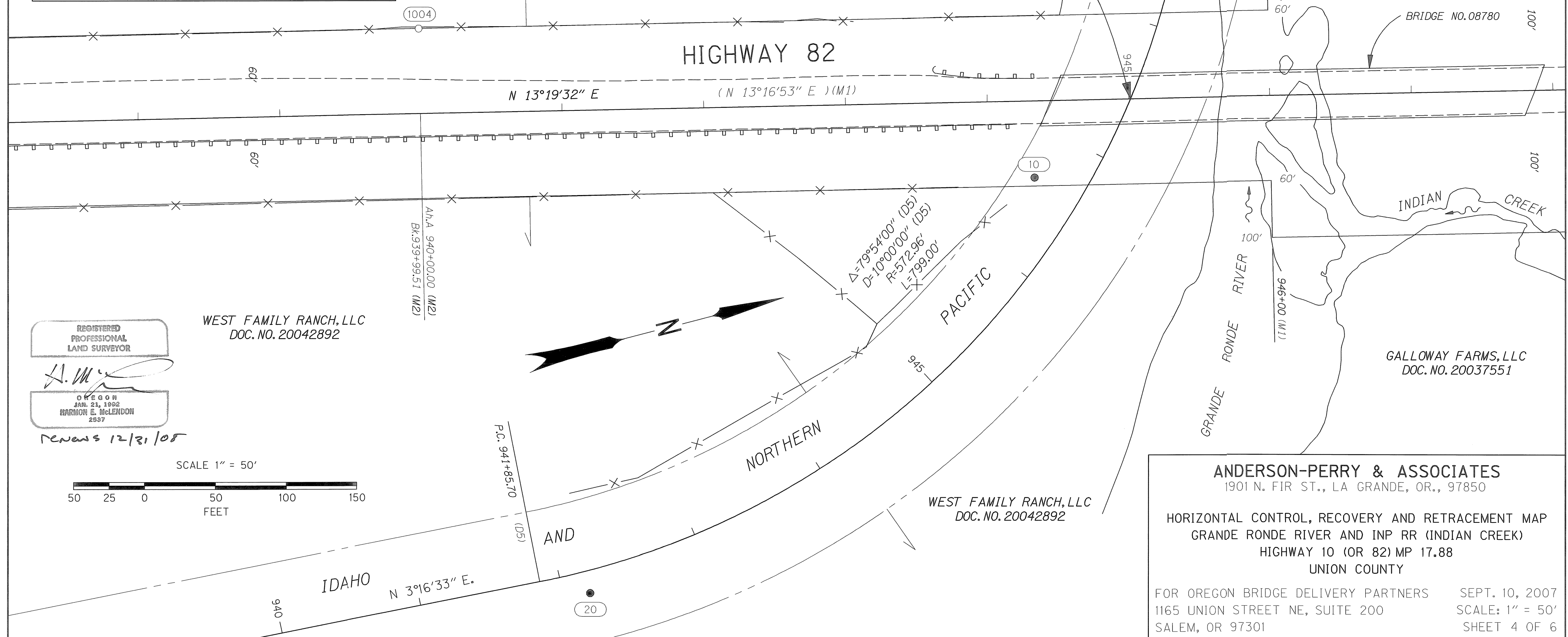
LEGEND

- FOUND MONUMENT
- SET STRATEGIC POINT
- EXISTING RIGHT-OF-WAY
- - - RAILROAD RIGHT-OF-WAY
- +—+— GUARD RAIL
- - - EDGE OF PAVEMENT
- X- FENCE
- MONUMENT POINT NUMBER
- () RECORD DATA

ROSS A BINGAMAN
CARRIE JO BINGAMAN
SARAH MARIE LUCAS
DOC. NO. 20070407

UNION COUNTY SURVEYOR

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By R. P. [Signature]
File No. 029-2007



WEST FAMILY RANCH, LLC
DOC. NO. 20042892

945+01.10 HWY (944+99.62) (D5)
=947+45.58 RR (947+78.45) (D5)

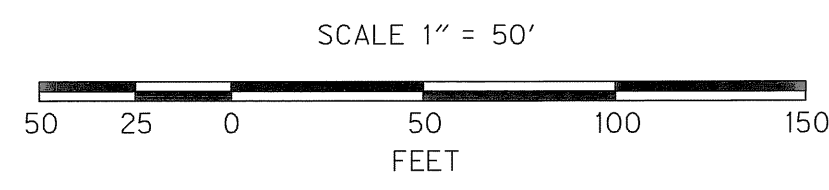
WEST FAMILY RANCH, LLC
DOC. NO. 20042892

GALLOWAY FARMS, LLC
DOC. NO. 20037551

REGISTERED PROFESSIONAL LAND SURVEYOR

H. M. [Signature]
OREGON
JAN. 21, 1992
HARMON E. McLENDON
2937

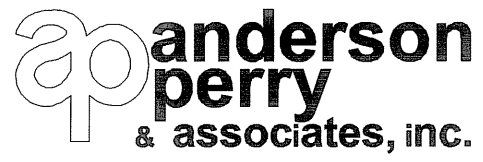
RENEWS 12/31/08



ANDERSON-PERRY & ASSOCIATES
1901 N. FIR ST., LA GRANDE, OR., 97850

HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
GRANDE RONDE RIVER AND INP RR (INDIAN CREEK)
HIGHWAY 10 (OR 82) MP 17.88
UNION COUNTY

FOR OREGON BRIDGE DELIVERY PARTNERS SEPT. 10, 2007
1165 UNION STREET NE, SUITE 200 SCALE: 1" = 50'
SALEM, OR 97301 SHEET 4 OF 6



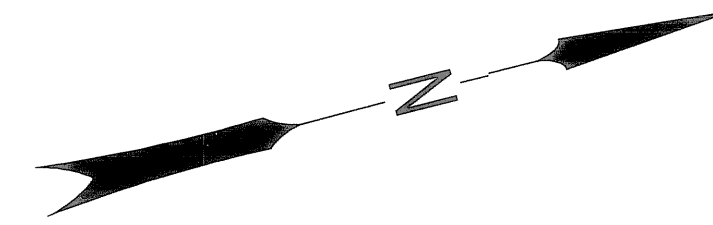
SEC. 27, T. 1N, R. 39E, W.M.

RECOVERED MONUMENT LIST

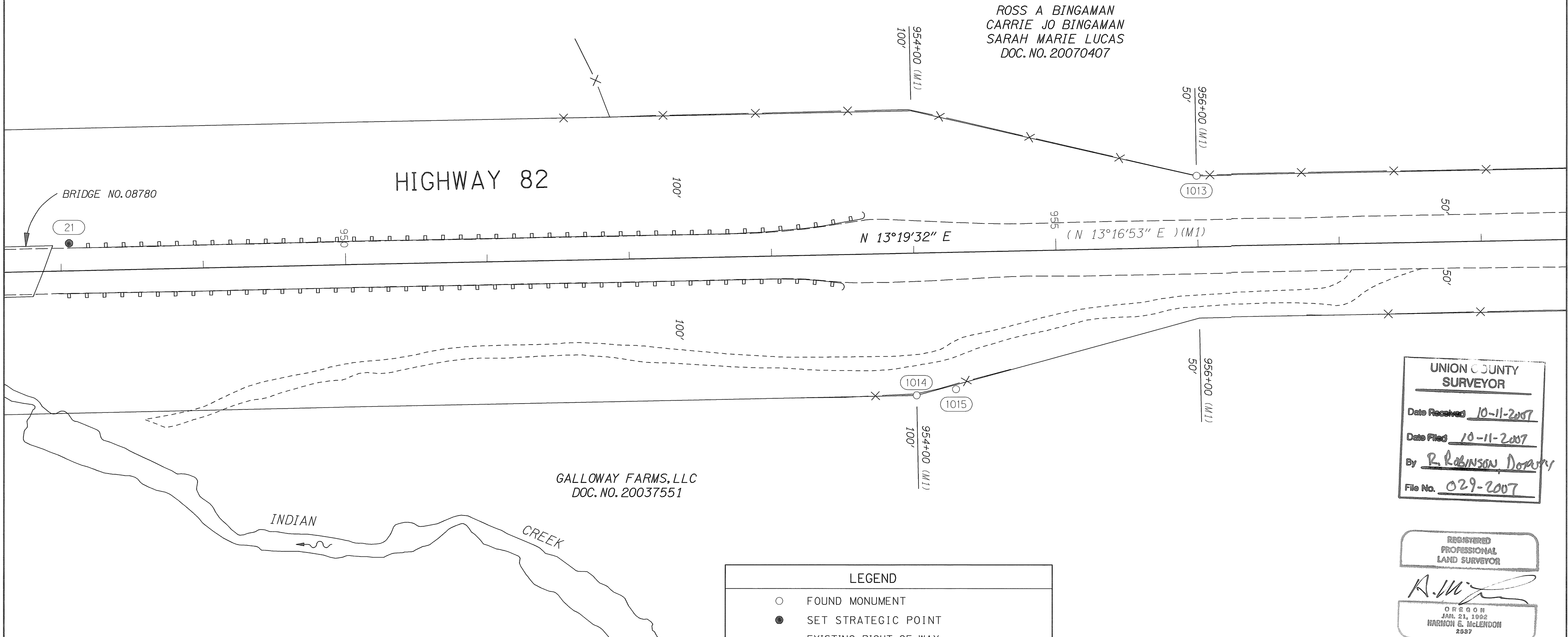
| PT. NO. | LDP NORTHING | LDP EASTING | STATION | OFFSET | DATE | DESCRIPTION |
|---------|--------------|-------------|-----------|----------|-----------|---|
| 1013 | 692523.327 | 8865151.700 | 956+00 | 50.08' L | 24 MAY 07 | FOUND 5/8" SMOOTH IRON ROD 0.1' ABOVE GROUND. |
| 1014 | 692294.159 | 8865251.515 | 954+00.01 | 99.87' R | 24 MAY 07 | FOUND 5/8" SMOOTH IRON ROD FLUSH WITH GROUND. |
| 1015 | 692321.987 | 8865254.287 | 954+27.72 | 96.16' R | 24 MAY 07 | FOUND 5/8" IRON ROD IN 1.9' TALL CONCRETE PILLAR. |

SET MONUMENT LIST

| PT. NO. | LDP NORTHING | LDP EASTING | STATION | OFFSET | DESCRIPTION |
|---------|--------------|-------------|-----------|----------|--|
| 21 | 691743.593 | 8864998.462 | 948+05.94 | 19.47' L | SET A 1/2"x24" REBAR WITH RED PLASTIC CAP MARKED "APA CONTROL" |



ROSS A BINGAMAN
CARRIE JO BINGAMAN
SARAH MARIE LUCAS
DOC. NO. 20070407

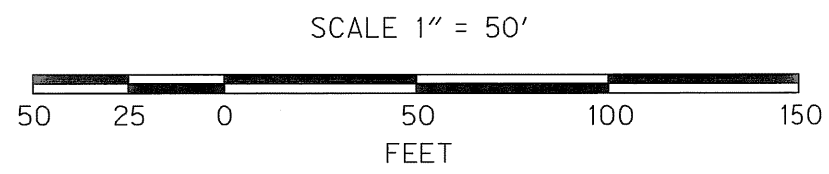


UNION COUNTY
SURVEYOR
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REGISTERED
PROFESSIONAL
LAND SURVEYOR

A.M.
OREGON
JAN. 21, 1992
HARMON E. MCLENDON
2987
RENEWS 12/31/08

| LEGEND | |
|-----------|-----------------------|
| ○ | FOUND MONUMENT |
| ● | SET STRATEGIC POINT |
| — | EXISTING RIGHT-OF-WAY |
| — — — | GUARD RAIL |
| - - - - - | EDGE OF GRAVEL |
| - - - - - | EDGE OF PAVEMENT |
| -X- | FENCE |
| ○ | MONUMENT POINT NUMBER |
| () | RECORD DATA |



ANDERSON-PERRY & ASSOCIATES
1901 N. FIR ST., LA GRANDE, OR., 97850
HORIZONTAL CONTROL, RECOVERY AND RETRACEMENT MAP
GRANDE RONDE RIVER AND INP RR (INDIAN CREEK)
HIGHWAY 10 (OR 82) MP 17.88
UNION COUNTY
FOR OREGON BRIDGE DELIVERY PARTNERS
1165 UNION STREET NE, SUITE 200
SALEM, OR 97301
SEPT. 10, 2007
SCALE: 1" = 50'
SHEET 5 OF 6

SEC. 27, T. 1N, R. 39E, W.M.

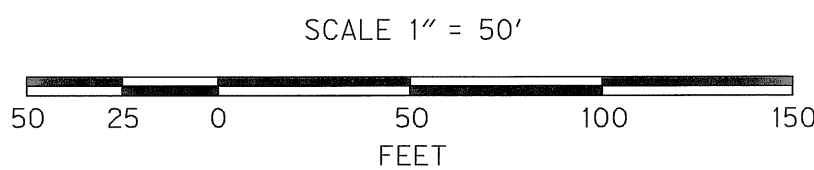
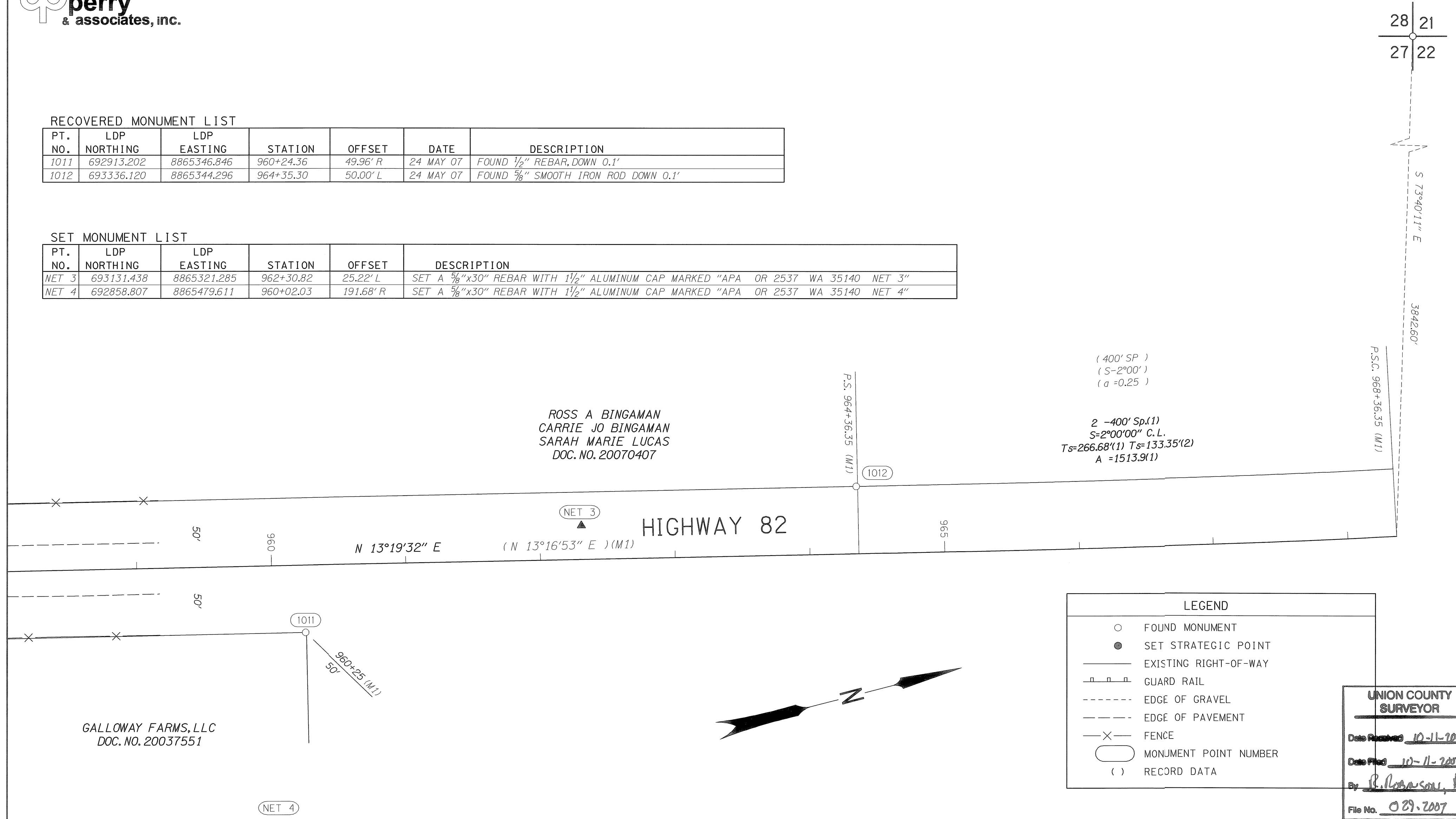


RECOVERED MONUMENT LIST

| PT. NO. | LDP NORTHING | LDP EASTING | STATION | OFFSET | DATE | DESCRIPTION |
|---------|--------------|-------------|-----------|----------|-----------|--------------------------------------|
| 1011 | 692913.202 | 8865346.846 | 960+24.36 | 49.96' R | 24 MAY 07 | FOUND 1/2" REBAR, DOWN 0.1' |
| 1012 | 693336.120 | 8865344.296 | 964+35.30 | 50.00' L | 24 MAY 07 | FOUND 5/8" SMOOTH IRON ROD DOWN 0.1' |

SET MONUMENT LIST

| PT. NO. | LDP NORTHING | LDP EASTING | STATION | OFFSET | DESCRIPTION |
|---------|--------------|-------------|-----------|-----------|---|
| NET 3 | 693131.438 | 8865321.285 | 962+30.82 | 25.22' L | SET A 5/8"x30" REBAR WITH 1 1/2" ALUMINUM CAP MARKED "APA OR 2537 WA 35140 NET 3" |
| NET 4 | 692858.807 | 8865479.611 | 960+02.03 | 191.68' R | SET A 5/8"x30" REBAR WITH 1 1/2" ALUMINUM CAP MARKED "APA OR 2537 WA 35140 NET 4" |



| LEGEND | |
|-----------|-----------------------|
| ○ | FOUND MONUMENT |
| ● | SET STRATEGIC POINT |
| — | EXISTING RIGHT-OF-WAY |
| — — — | GUARD RAIL |
| - - - - - | EDGE OF GRAVEL |
| - - - - - | EDGE OF PAVEMENT |
| —X— | FENCE |
| ○ | MONUMENT POINT NUMBER |
| () | RECORD DATA |

UNION COUNTY
SURVEYOR

Date Received 10-11-2007
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By B. Robinson, DPM
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REGISTERED
PROFESSIONAL
LAND SURVEYOR

H.M.C.

OREGON
JAN. 21, 1982
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2087

renews 12/31/08

ANDERSON-PERRY & ASSOCIATES
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SEPT. 10, 2007
SCALE: 1" = 50'
SHEET 6 OF 6