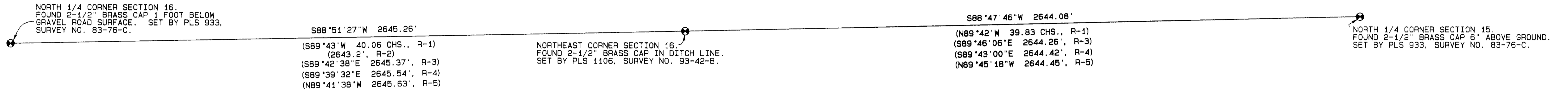


JOHNSON ROAD LEGALIZATION SURVEY

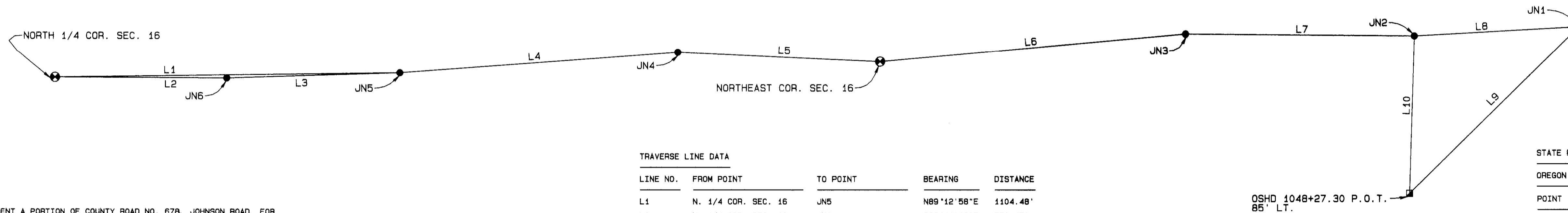
SECTION LINE DETAIL

SCALE 1"=200'



CONTROL TRAVERSE

SCALE 1"=200'



SURVEY NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO MONUMENT A PORTION OF COUNTY ROAD NO. 678, JOHNSON ROAD, FOR LEGALIZATION PURPOSES AT THE REQUEST OF THE UMATILLA COUNTY BOARD OF COMMISSIONERS AFTER IT WAS DETERMINED THAT THE ROAD AS TRAVELED DOES NOT MATCH EXISTING ROAD RECORDS. A NEW BRIDGE IS SCHEDULED TO BE BUILT ACROSS FINE CREEK IN 2007 WITH FEDERAL FUNDING.

THIS PORTION OF JOHNSON ROAD WAS ORIGINALLY SURVEYED BY J. H. RALEY, COUNTY SURVEYOR, IN 1882 AND WAS NUMBERED ROAD 133. IN HIS SURVEY, THE ONLY TWO CORNERS CALLED FOR WERE THE NORTHWEST CORNER OF SECTION 10 IN TOWNSHIP 4 NORTH, RANGE 34 EAST AT THE BEGINNING OF THE ROAD AND THE NORTH 1/4 CORNER OF SECTION 15, TOWNSHIP 4 NORTH, RANGE 36 EAST AT THE END OF THE ROAD. BEARINGS WERE CARDINAL AND DISTANCES WERE IN MULTIPLES OF 20 CHAINS.

IN 1889 JOHN ARNOLD SUBDIVIDED SECTION 16 AND SET A STONE AT THE NORTHEAST CORNER OF SECTION 16 IN AN EAST-WEST LANE AND FOUND A STONE AT THE NORTH 1/4 CORNER OF SECTION 16 AT THE INTERSECTION OF A LANE RUNNING EAST AND A LANE RUNNING SOUTH. CURRENT SECTION MONUMENTS, WHICH I USED IN THIS SURVEY, ARE A BRASS CAP SET BY KRUMBEIN AT THE 3-WAY ROAD INTERSECTION AT THE NORTH 1/4 CORNER OF SECTION 16, A BRASS CAP SET BY WELLS (ORIGINALLY SET BY KRUMBEIN, BUT DESTROYED BY ROAD MAINTENANCE) AT THE NORTHEAST CORNER OF SECTION 16, AND A BRASS CAP SET BY KRUMBEIN FROM RAILROAD TIES AT THE NORTH 1/4 CORNER OF SECTION 15.

THE RIGHT-OF-WAY LINES IN THE AREA OF THE NESTON INTERCHANGE WERE ESTABLISHED BY HOLDING THE MONUMENT FOUND AT 1048+27.30, 85' LEFT FOR STATIONING AND DISTANCE FROM CENTERLINE AND THE EXISTING RIGHT-OF-WAY FENCE FOR BEARING AND THEN USING STATIONING AND OFFSETS FROM O.S.H.D. RIGHT-OF-WAY MAP NO. 88-10-25. IT SHOULD BE NOTED THAT DEEDS FOR RIGHT-OF-WAY OBTAINED BY THE STATE FOR THE CONSTRUCTION OF THE NESTON INTERCHANGE WERE BASED ON A POSITION FOR THE NORTH 1/4 CORNER OF SECTION 15 BEING IN A DIFFERENT POSITION FROM WHERE THE CURRENT BRASS CAP MONUMENT IS LOCATED.

THIS SURVEY WAS PERFORMED WITH A SOKKIA RADIAN GPS SYSTEM OPERATED IN RTK MODE. THE PROCEDURE I USED WAS TO PERFORM A LOCALIZATION (FORCED ADJUSTMENT), HOLDING THE PUBLISHED STATE PLANE COORDINATES OF THE THREE SECTION CORNER MONUMENTS FROM SURVEY NO. 02-012-C BY WELLS. THE BEARINGS AND DISTANCES SHOWN ARE NAD 83 (1981) GRID. TO OBTAIN GROUND DISTANCES, DIVIDE THOSE SHOWN BY A COMBINED SCALE AND ELEVATION FACTOR OF 0.999879862. TO OBTAIN AN APPROXIMATION OF TRUE BEARINGS, ROTATE THOSE SHOWN BY 1°27'50" CLOCKWISE (THE CONVERGENCE ANGLE AT THE NORTHEAST CORNER OF SECTION 16).

TRAVERSE LINE DATA

| LINE NO. | FROM POINT | TO POINT | BEARING | DISTANCE |
|----------|------------------------|--------------------|-------------|----------|
| L1 | N. 1/4 COR. SEC. 16 | JN5 | N89°12'58"E | 1104.48' |
| L2 | N. 1/4 COR. SEC. 16 | JN6 | S89°41'12"E | 550.45' |
| L3 | JN6 | JN5 | N88°07'35"E | 554.22' |
| L4 | JN7 | JN4 | N85°41'07"E | 894.01' |
| L5 | JN4 | N. E. COR. SEC. 16 | S87°23'07"E | 649.55' |
| L6 | N. E. COR. SEC. 16 | JN3 | N84°51'18"E | 983.18' |
| L7 | JN3 | JN2 | S89°27'07"E | 733.30' |
| L8 | JN2 | JN1 | N86°52'15"E | 527.08' |
| L9 | OSHD 1048+27.30 P.O.T. | JN1 | N45°28'57"E | 758.90' |
| L10 | OSHD 1048+27.30 P.O.T. | JN2 | N01°41'19"E | 503.53' |

STATE PLANE COORDINATES

OREGON NORTH ZONE 3601 - NAD '83 ('91) - INTERNATIONAL FEET

| POINT I.D. | NORTHING | EASTING |
|------------------------|------------|--------------|
| N. 1/4 COR. SEC. 16 | 795,806.83 | 8,725,580.33 |
| N.E. COR. SEC. 16 | 795,859.27 | 8,728,225.05 |
| N. 1/4 COR. SEC. 15 | 795,914.82 | 8,730,868.56 |
| JN6 | 795,803.52 | 8,726,130.78 |
| JN5 | 795,821.64 | 8,726,684.70 |
| JN4 | 795,888.90 | 8,727,576.18 |
| JN3 | 795,947.44 | 8,729,204.28 |
| JN2 | 795,940.42 | 8,729,937.54 |
| JN1 | 795,969.20 | 8,730,463.83 |
| OSHD 1048+27.30 P.O.T. | 796,437.11 | 8,729,922.71 |

SURVEY RECORDS

- R-1 ORIGINAL S.L.O. SURVEY BY WILLIAM ODELL, CONTRACT NO. 114, DATED JULY 2, 1886
- R-2 SURVEY OF SECTION 16 BY JOHN ARNOLD, BOOK 1, RECORD OF PRIVATE SURVEYS, SURVEY NO. 44, PAGES 221-225, DATED OCTOBER, 1889
- R-3 SURVEY FOR UMATILLA COUNTY BY PLS 933, SURVEY NO. 83-76-C
- R-4 SURVEY NO. 93-42-B BY PLS 1106
- R-5 SURVEY FOR UMATILLA COUNTY BY PLS 1106, SURVEY NO. 02-012-C

LEGEND

- FOUND SECTION MONUMENT AS NOTED
- SET 5/8" X 30" STEEL REBAR WITH BLUE PLASTIC CAP MARKED "UCPW...LS2627"
- FOUND 2" BRASS CAP R/W MONUMENT SET IN CONCRETE

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Gary R. Roberts
GARY R. ROBERTS
2827
RENEWS 12/31/06

UMATILLA COUNTY ROAD DEPARTMENT
8420 WESTGATE
PENDLETON, OREGON 97601
PHONE 541/278-3424

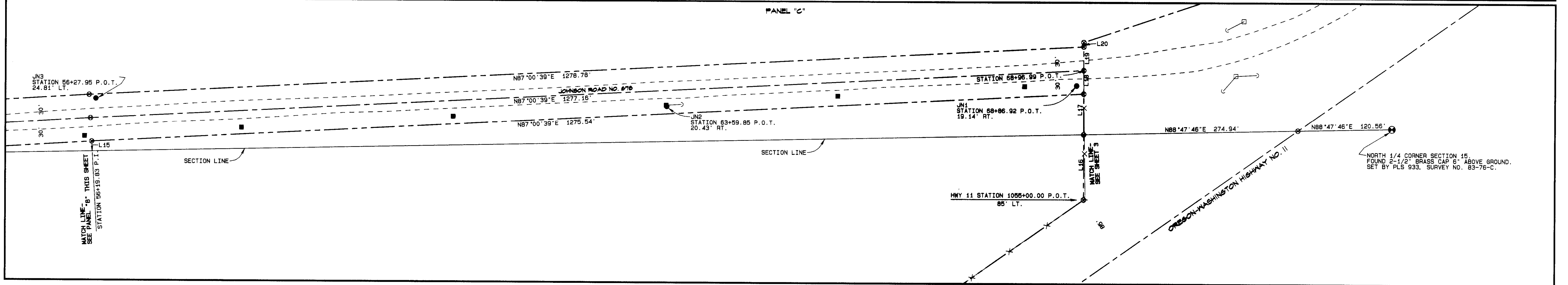
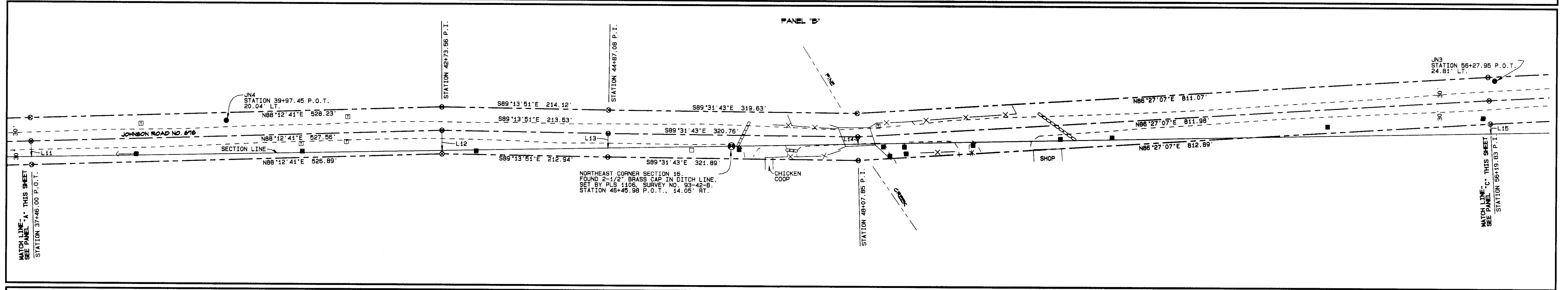
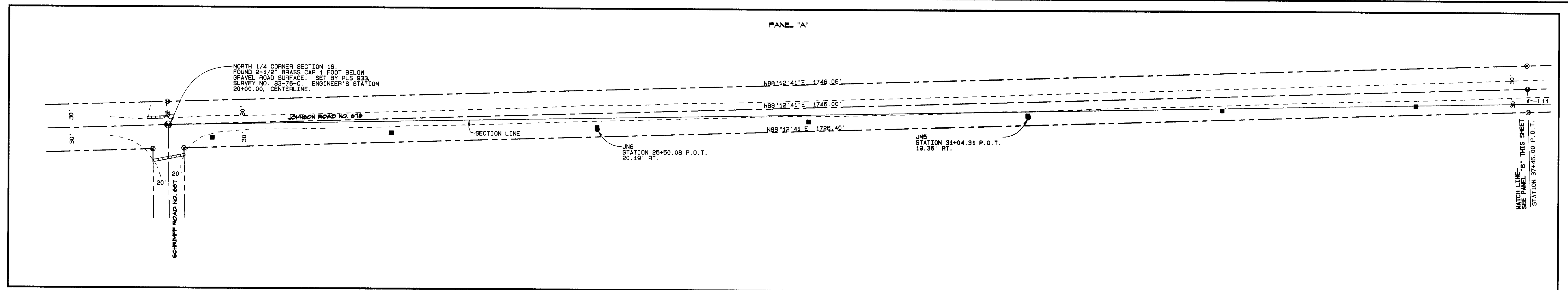
ROAD LEGALIZATION SURVEY
JOHNSON ROAD
COUNTY ROAD NO. 678

LOCATED IN SECTIONS 9, 10, 15, AND 16
TOWNSHIP 4 NORTH, RANGE 35 E.W.M.

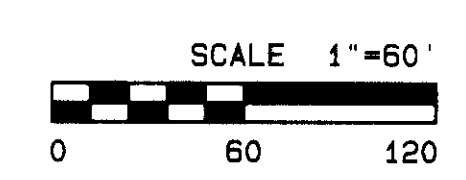
DATE OF SURVEY: JULY, 2006

SHEET 1 OF 3

Umatilla County Surveyor
No. 06-470-C



| LINE TABLE | | | STATE PLANE COORDINATES | | | STATE PLANE COORDINATES (CONTINUED) | | | LEGEND | |
|------------|-------------|----------|---|------------|--------------|---|------------|--------------|--------|--|
| LINE NO. | BEARING | DISTANCE | OREGON NORTH ZONE 3601 - NAD '83 ('91) - INTERNATIONAL FEET | | | OREGON NORTH ZONE 3601 - NAD '83 ('91) - INTERNATIONAL FEET | | | | |
| | | | POINT I.D. | NORTHING | EASTING | POINT I.D. | NORTHING | EASTING | | |
| L11 | S01°47'19"E | 19.69' | N. 1/4 COR. SEC. 16 | 796,806.53 | 8,725,580.33 | 37+46.00 P.O.T. CL | 796,861.03 | 8,727,325.48 | ● | FOUND SECTION MONUMENT AS NOTED |
| L12 | S00°30'35"E | 25.64' | JN6 | 796,803.52 | 8,726,130.78 | 42+73.56 P.I. CL | 796,877.49 | 8,727,852.78 | ● | SET 5/8" X 30" STEEL REBAR WITH BLUE PLASTIC CAP MARKED "UCPND...LS2627" |
| L13 | S00°37'13"W | 18.52' | JN5 | 796,821.64 | 8,726,684.70 | 44+87.08 P.I. CL | 796,874.62 | 8,728,066.29 | ⊗ | CALCULATED POINT ONLY - NOTHING FOUND OR SET |
| L14 | S01°32'18"E | 9.31' | JN4 | 796,898.90 | 8,727,576.18 | 48+07.85 P.I. CL | 796,871.98 | 8,728,387.04 | ■ | POWER POLE |
| L15 | S03°16'07"E | 12.55' | N.E. COR. SEC. 16 | 796,859.27 | 8,728,225.05 | 56+19.83 P.I. CL | 796,922.23 | 8,729,197.46 | — | GUY WIRE AND ANCHOR |
| L16 | N00°10'36"W | 83.06' | JN3 | 796,947.44 | 8,729,204.28 | 68+96.99 P.O.T. CL | 796,988.83 | 8,730,472.89 | □ | TELEPHONE PEDESTAL |
| L17 | N00°10'36"W | 52.29' | JN2 | 796,940.42 | 8,729,937.54 | | | | — | R/W CENTERLINE |
| L18 | N00°10'36"W | 30.04' | JN1 | 796,969.20 | 8,730,463.83 | | | | --- | EDGE OF TRAVELED ROAD |
| L19 | N00°10'36"W | 30.04' | N. 1/4 COR. SEC. 16 | 796,914.82 | 8,730,868.56 | | | | —o—o— | CULVERT |
| L20 | N00°10'36"W | 5.70' | | | | | | | —x—x— | FENCE |
| | | | | | | | | | — — — | STREAM |



REGISTERED PROFESSIONAL LAND SURVEYOR

Gary R. Roberts

OREGON

GARY R. ROBERTS

2827

RENEWS 12/31/06

UMATILLA COUNTY ROAD DEPARTMENT
3920 WESTGATE
PENDLETON, OREGON 97001
PHONE 541/276-5424

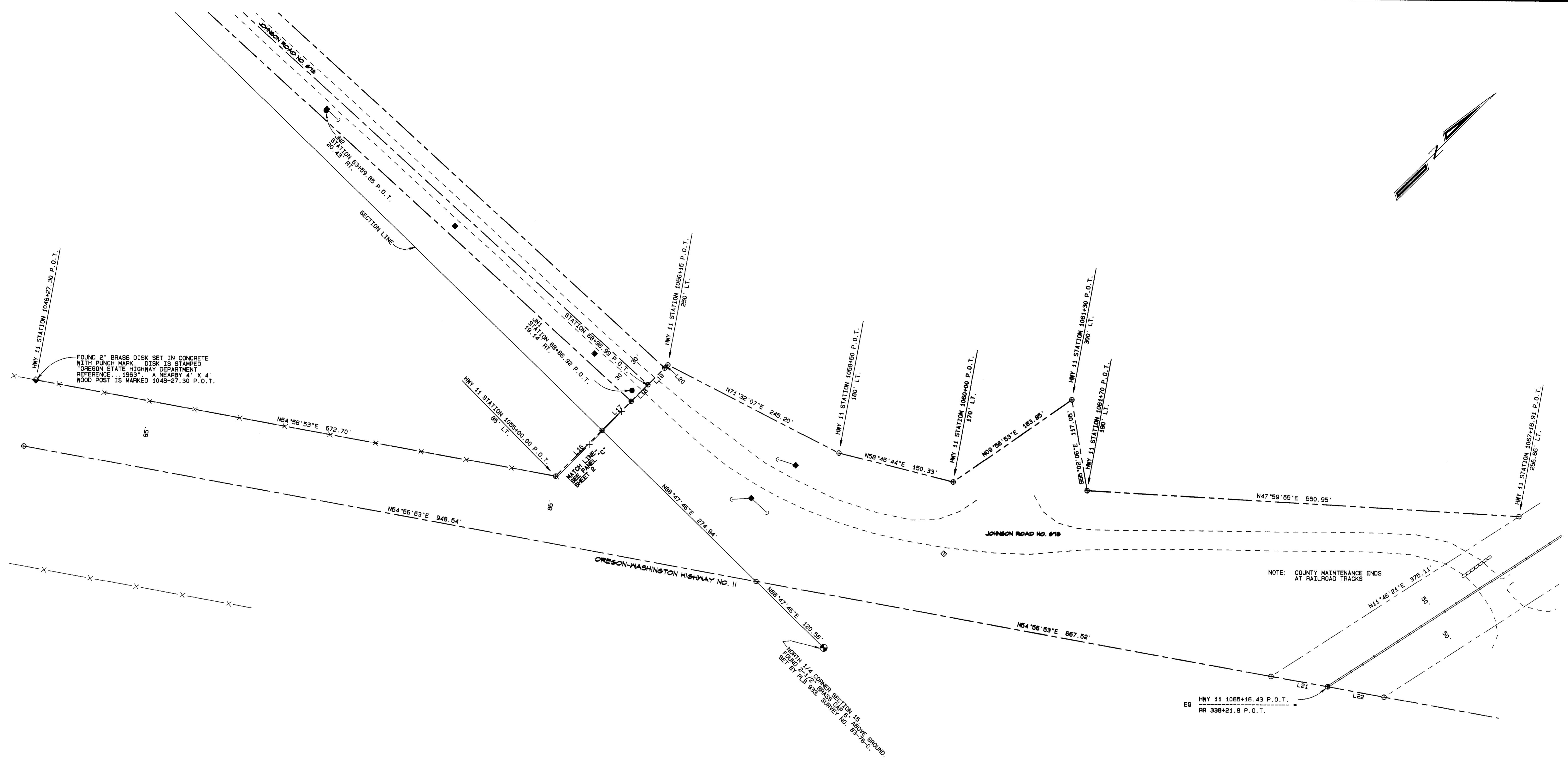
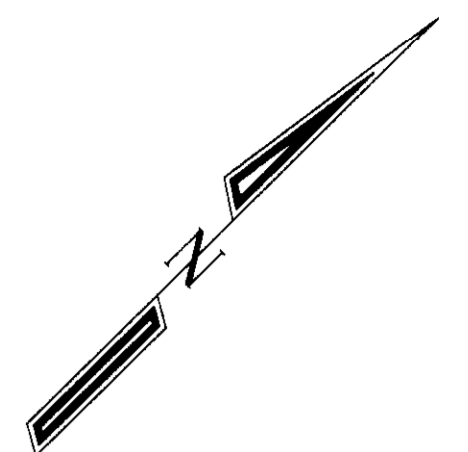
ROAD LEGALIZATION SURVEY
JOHNSON ROAD
COUNTY ROAD NO. 678

LOCATED IN SECTIONS 9, 10, 15, AND 16
TOWNSHIP 4 NORTH, RANGE 35 E.W.M.

DATE OF SURVEY: JULY, 2006

SHEET 2 OF 3

RECEIVED BY
Umatilla County Surveyor
Date 7-06
Surveyed by GR
06-970-C



FOUND 2" BRASS DISK SET IN CONCRETE WITH PUNCH MARK. DISK IS STAMPED "OREGON STATE HIGHWAY DEPARTMENT REFERENCE 1963". A NEARBY 4" X 4" WOOD POST IS MARKED 1048+27.30 P.O.T.

NOTE: COUNTY MAINTENANCE ENDS AT RAILROAD TRACKS

NORTH 1/4 CORNER SECTION 15 ABIDE GROUND. FOUND 5/8" X 30" STEEL REBAR WITH BLUE PLASTIC CAP MARKED "UCPMD...LS2827".

STATE PLANE COORDINATES
OREGON NORTH ZONE 3601 - NAD '83 ('94) - INTERNATIONAL FEET

| POINT I.D. | NORTHING | EASTING |
|--|------------|--------------|
| HWY. MONUMENT 1048+27.30 P.O.T., 85' LT. | 796,437.11 | 8,729,922.71 |
| JN2 | 796,940.42 | 8,729,937.54 |
| JN1 | 796,969.20 | 8,730,463.83 |
| N. 1/4 COR. SEC. 15 | 796,914.82 | 8,730,868.66 |
| 68+96.99 P.O.T., CL | 796,988.83 | 8,730,472.89 |
| HWY 11 1055+00.00 P.O.T., 85' LT. | 796,823.45 | 8,730,473.40 |
| HWY 11 1056+15.00 P.O.T., 250' LT. | 797,024.57 | 8,730,472.78 |
| HWY 11 1058+50.00 P.O.T., 180' LT. | 797,102.23 | 8,730,705.36 |
| HWY 11 1060+00.00 P.O.T., 170' LT. | 797,180.20 | 8,730,833.90 |
| HWY 11 1061+30.00 P.O.T., 300' LT. | 797,361.28 | 8,730,865.66 |
| HWY 11 1061+70.00 P.O.T., 190' LT. | 797,294.20 | 8,730,961.58 |
| HWY 11 1067+16.94 P.O.T., 256.66' LT. | 797,662.87 | 8,731,371.01 |
| HWY 11 1065+16.43 P.O.T., CL | 797,337.62 | 8,731,354.30 |

- LEGEND
- FOUND SECTION MONUMENT AS NOTED
 - SET 5/8" X 30" STEEL REBAR WITH BLUE PLASTIC CAP MARKED "UCPMD...LS2827"
 - ⊗ CALCULATED POINT ONLY - NOTHING FOUND OR SET
 - FOUND OSHD R/W MONUMENT AS NOTED
 - GUY WIRE AND ANCHOR
 - POWER POLE
 - R/W CENTERLINE
 - - - R/W LINE
 - - - - EDGE OF TRAVELED ROAD
 - ∩∩∩ CULVERT
 - X- FENCE
 - ==== RAILROAD R/W CENTERLINE

SCALE 1"=60'

0 60 120

REGISTERED PROFESSIONAL LAND SURVEYOR
Gary R. Roberts
 OREGON
 JULY 20, 1983
 GARY R. ROBERTS
 2827
 RENEWS 12/31/06

LINE TABLE

| LINE NO. | BEARING | DISTANCE |
|----------|-------------|----------|
| L16 | N00°10'36"W | 83.05' |
| L17 | N00°10'36"W | 52.29' |
| L18 | N00°10'36"W | 30.04' |
| L19 | N00°10'36"W | 30.04' |
| L20 | N00°10'36"W | 5.70' |
| L21 | N54°56'53"E | 73.07' |
| L22 | N54°56'53"E | 73.07' |

UMATILLA COUNTY ROAD DEPARTMENT
 3420 WESTGATE
 PENDLETON, OREGON 97801
 PHONE 541/278-5424

ROAD LEGALIZATION SURVEY
 JOHNSON ROAD
 COUNTY ROAD NO. 678

LOCATED IN SECTIONS 9, 10, 15, AND 16
 TOWNSHIP 4 NORTH, RANGE 35 E.W.M.

DATE OF SURVEY: JULY, 2006

SHEET 3 OF 3

RECEIVED BY
 Umatilla County Surveyor
 Date 7-06
 06-47012