

JOHNSON ROAD LEGALIZATION

COUNTY ROAD NO. 678

ROAD REPORT

---

UMATILLA COUNTY  
DEPARTMENT OF PUBLIC  
WORKS

**TABLE OF CONTENTS**

<b><u>DESCRIPTION</u></b>	<b><u>PAGE NO.</u></b>
Report.....	1,2
Vicinity Map.....	3
Topography Map.....	4
Aerial Photo.....	5
1914 Metsker Atlas showing road.....	6
1882 Field Notes of Road No. 133.....	7,8
1882 Plat of Road No. 133.....	9
Chart showing statutory road widths.....	10
Legalization Survey.....	11,12,13
Photos.....	A,B,C,D

# JOHNSON ROAD LEGALIZATION REPORT

## HISTORY

Johnson Road was originally established in 1882 as County Road No. 133. It began at the Southwest Corner of Section 3 in Township 4 North, Range 34 East near what is now the intersection of Piper Road and Gerking Flat Road, and ran easterly for 7-1/2 miles to what was then called the Weston to Walla Walla Road and what would now be the southerly extension of York Road. It included what are now portions of Piper Road, Mansfield Road, Cannon Road, and Johnson Road. No width was stated in the petition to open the road or the order establishing the road.

## GENERAL

In the 1882 survey of the road, J. H. Raley, County Surveyor, called for a section corner at the beginning of the survey and a 1/4 corner at the end of the survey with no calls for section or 1/4 corners in between and ran in cardinal directions and even mile, 1/2 mile, and 1/4 mile increments (see field notes). The center of the road in the area of this legalization as it is traveled today lies north of the section lines based on current section and 1/4 section monuments. Assessor maps and old Metsker's maps indicate that the road was assumed to lie on the section lines.

Bridge 59C542 over Pine Creek is scheduled to be replaced with HBRR funding. Preliminary design work indicates additional right-of-way will need to be acquired north of the existing structure and Anderson-Perry & Associates has requested that the location of the existing right-of-way be established so that descriptions can be written for the new right-of-way. The east end of the survey for this legalization was terminated at the line marking the right-of-way obtained by the Oregon State Highway Department in the construction of the Weston Interchange.

Assessor maps show the road width to be 40 feet. However, because no road width was stated in the petition or order establishing the road, laws governing road widths at the time the road was established indicate a 60-foot width (see attached chart showing statutory road widths).

## IMPACTS TO UTILITIES AND PROPERTY OWNERS

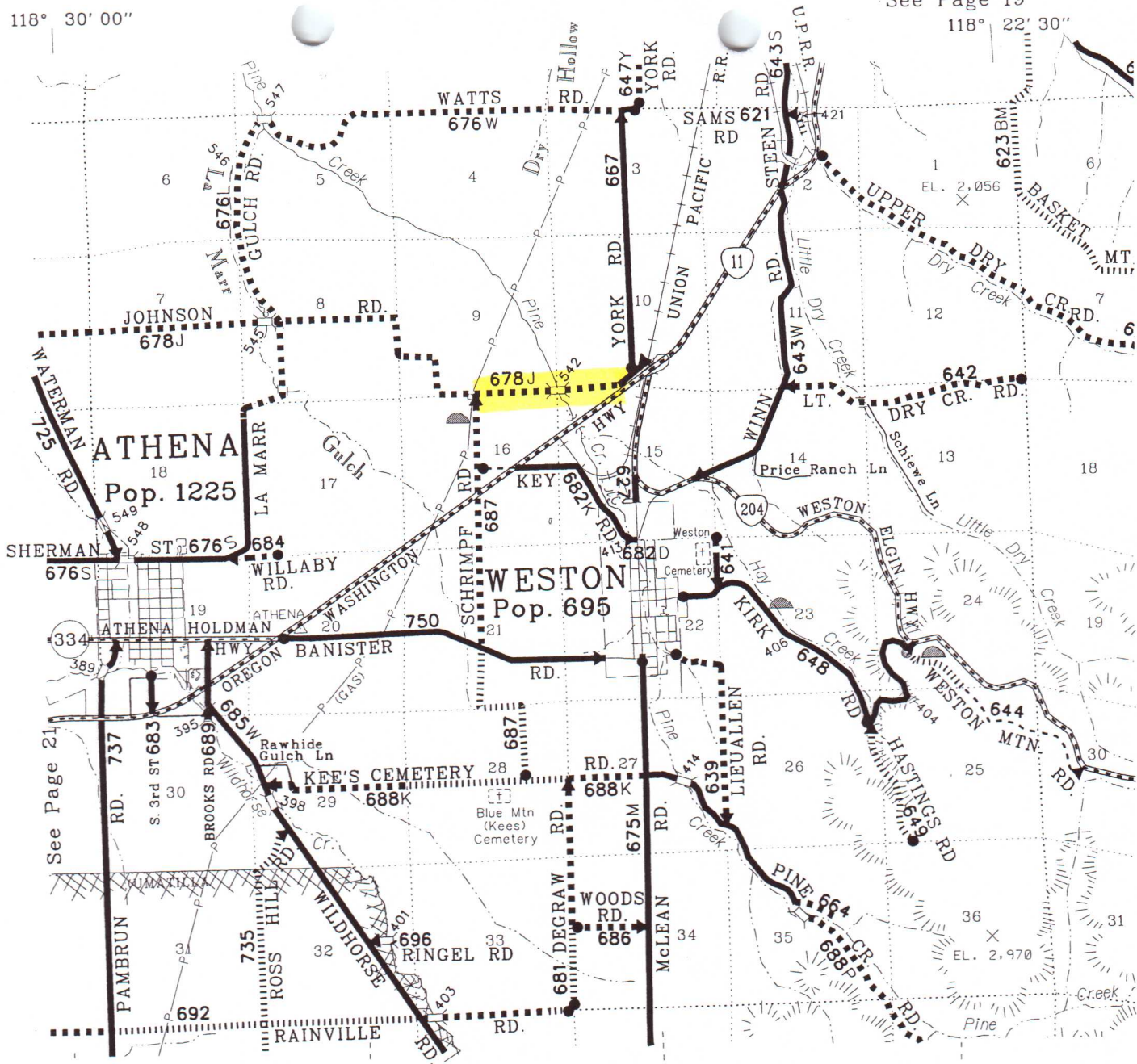
Utilities in the area include overhead power lines and buried telephone lines. No negative impact to utilities is anticipated, as all visible installations are well within the 60-foot right-of-way. No negative impacts for property owners is anticipated due to legalizing the road as it is currently traveled.

## STATUTES

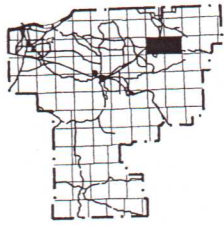
ORS 368.201(3) provides a basis for the county governing body to initiate legalization proceedings if a road as traveled and used for 10 years or more does not conform to the location of a road described in county road records.

RECOMMENDATION

The Public Works Department recommends that the road be legalized as shown on the attached survey map and as described in the final order at a width of 60 feet.

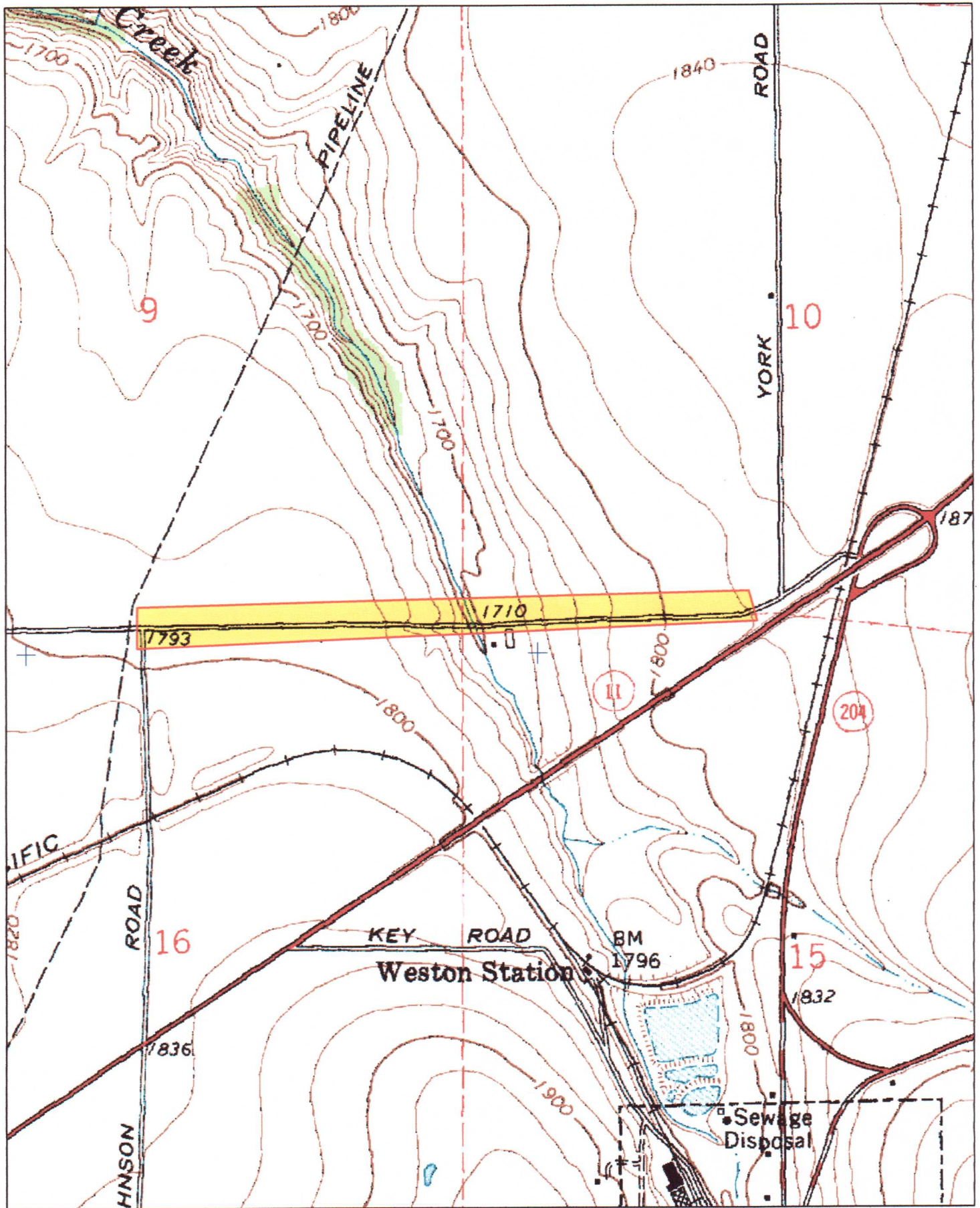


See Page 21



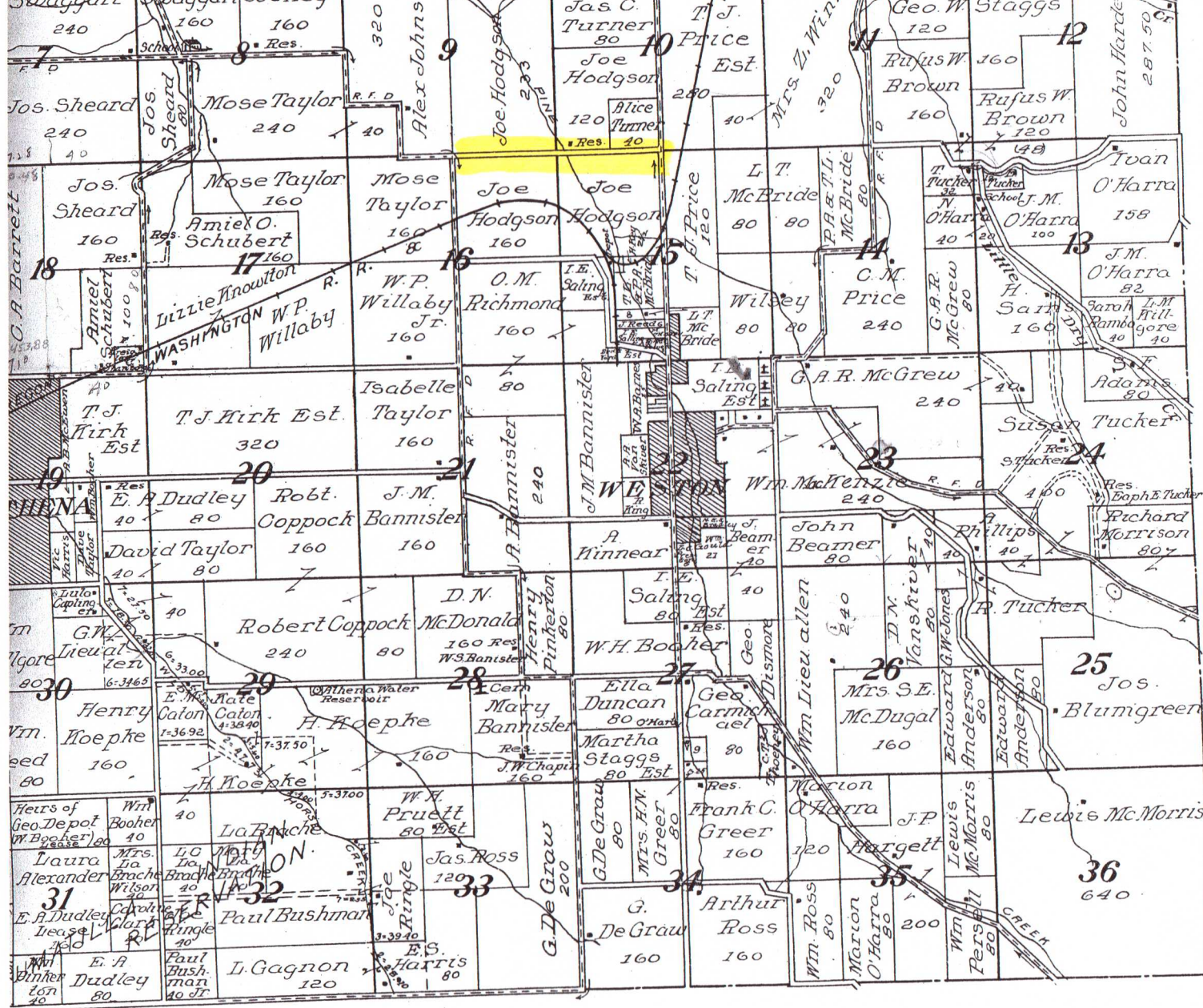
R35

See Page 25



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS | 500 ft Scale: 1 : 12,800 Detail: 14-0 Datum: WGS84







To Hon County Court of  
Umatilla County Oregon

Gentlemen—

I submit the following as the notes taken in the survey of proposed route for a County road beginning at NW Cor of Sec 10 T4N R34E & ending at 1/4 post on the North line of Sec 15 T4N R35E. Met as in order designated at the place of beginning on the 22<sup>nd</sup> day of May 1882. The 3 Viewers appointed were present and qualified by J.H. Raley Co Surveyor. After which we called to our assistance J.W. Stiel and L.A. Walker as chairman & J.H. Raley as Axeman who were duly qualified. Begun work by setting post marked "R" on the NW Co. of Sec 10 T4N R34E from which I run

East

80

Set Post marked "MI"

40

Set " " " " " " " " " " " " " "

South

40

Set " " " " " " " " " " " " " "

East

80

" " " " " " " " " " " " " "

"

80

" " " " " " " " " " " " " "

"

40

" " " " " " " " " " " " " "

"A" from which Run

"MII + A" & Run

"MIII"

"MIV"

"MO"

"A" & Run

over

	Chs	
South	20	Set Post Marked "A" Run
East	20	" " " " "WVI" + "A" Run
South	20	" " " " "A"
East	60	" " " " "WVII" Run
East	38.50	" " " " "R" at the intersection of

the Vestow & Walla Walla Road at the  
 1/4 Post on the North line of Sec 15  
 T4N R35E. Total length of road  
 is Seven miles + 38.50 Chains. Angles  
 were made + posts set as per annexed  
 plat.

I hereby certify that the above  
 is a true copy of the original  
 notes taken in the survey of the  
 above entitled road.

J. H. Raley

Dated

Pondleton Or

June 13<sup>th</sup> 1882

County Surveyor

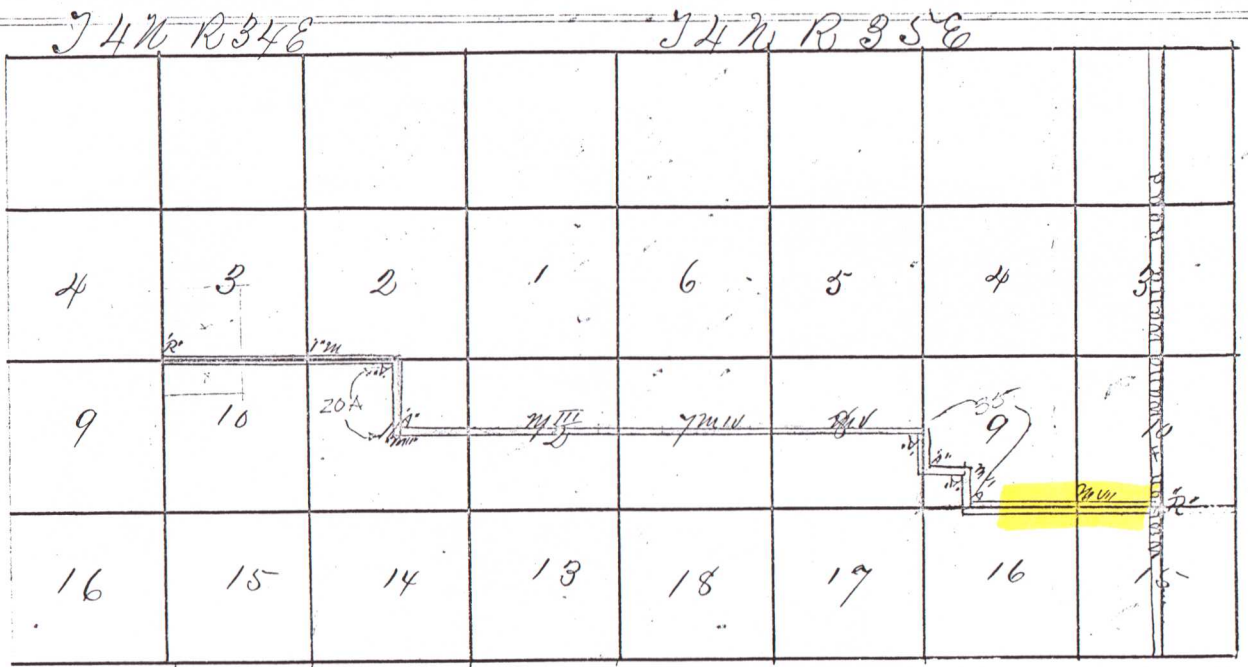
132

North

132

West

East

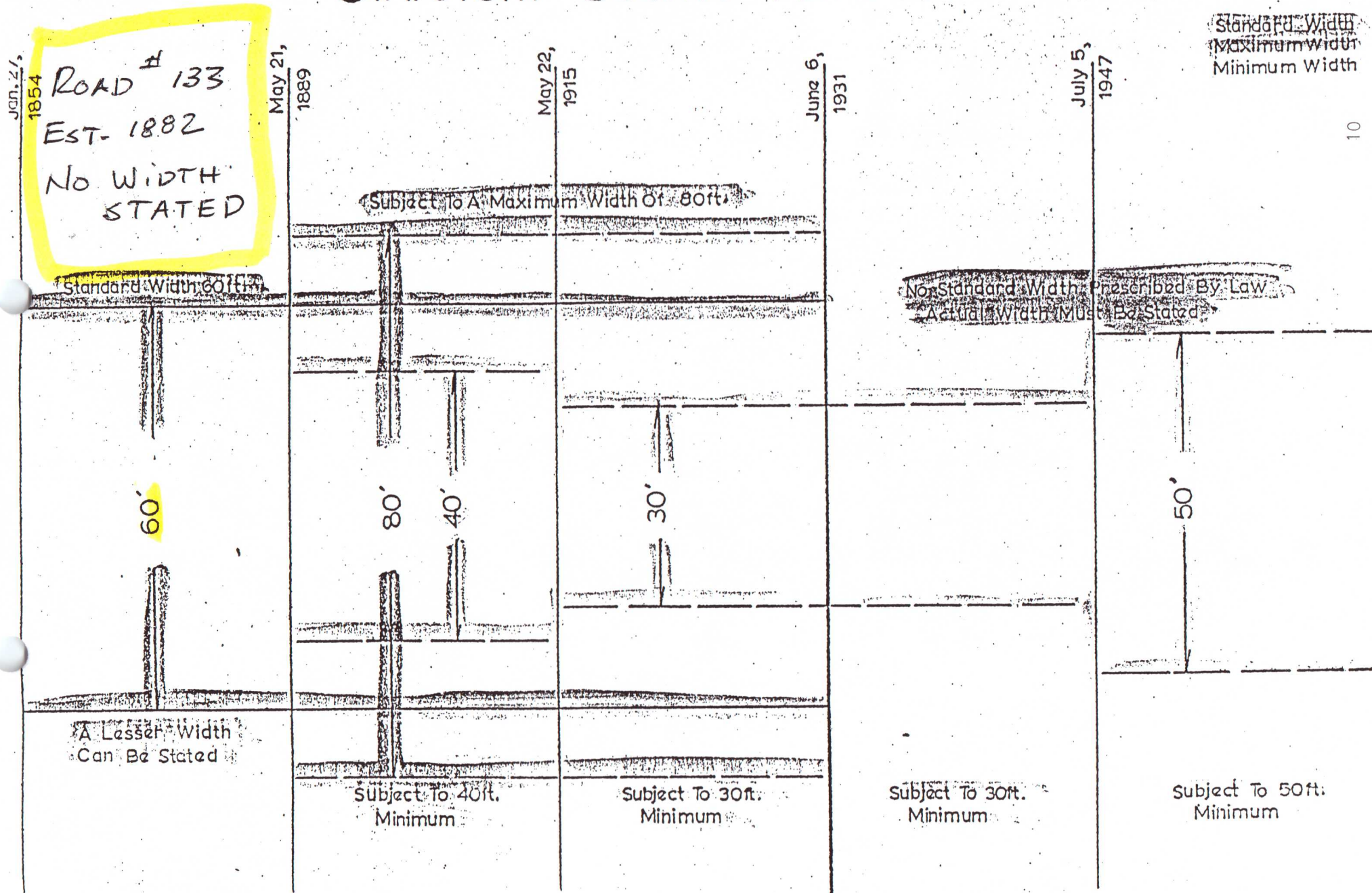


South

Plat of Road from NW Cor of Sec 10 T4N R34E  
 To 1/4 Post on W line of Sec 15 T4N R35E  
 Scale 80 chas to 1 inch  
 J. H. Baber  
 Co Surveyor

# STATUTORY COUNTY ROAD WIDTHS

Standard Width  
Maximum Width  
Minimum Width



**ROAD # 133**  
EST. 1882  
NO WIDTH STATED

Standard Width 60 ft.

60'

A Lesser Width Can Be Stated

Subject to a Maximum Width of 80 ft.

80'

40'

Subject to 40ft. Minimum

30'

Subject to 30ft. Minimum

No Standard Width Prescribed By Law Actual Width Must Be Stated

50'

Subject to 30ft. Minimum

Subject to 50ft. Minimum

Law prescribes 60 ft. as standard width when no width is stated. Stated width controls subject to specified limits.

Law prescribes no standard width. Width of county road must be stated subject to specified minimum.

# JOHNSON ROAD LEGALIZATION SURVEY

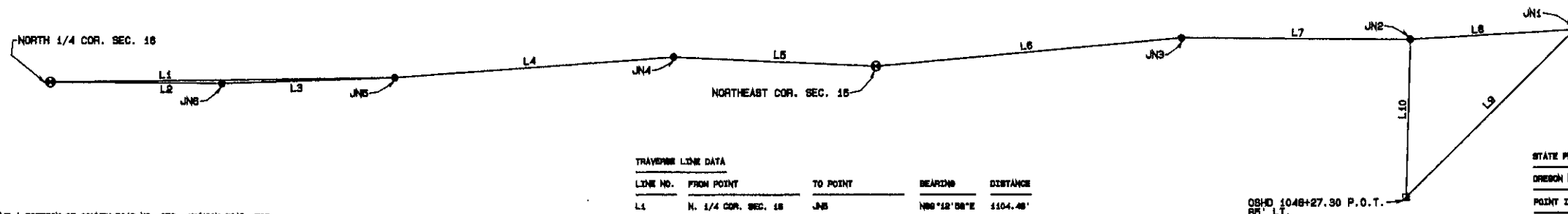
## SECTION LINE DETAIL

SCALE 1"=200'



## CONTROL TRAVERSE

SCALE 1"=200'



### TRAVERSE LINE DATA

LINE NO.	FROM POINT	TO POINT	BEARING	DISTANCE
L1	N. 1/4 COR. SEC. 18	JN6	N89°52'08"E	1104.48'
L2	N. 1/4 COR. SEC. 18	JN6	S89°41'52"E	300.48'
L3	JN6	JN5	N89°07'36"E	254.68'
L4	JN7	JN4	N89°41'07"E	804.01'
L5	JN4	N. E. COR. SEC. 18	S87°59'07"E	849.59'
L6	N. E. COR. SEC. 18	JN8	N84°51'58"E	889.18'
L7	JN8	JN6	S89°57'07"E	789.30'
L8	JN6	JN1	N89°52'58"E	827.08'
L9	OSHD 1048+27.30 P.O.T.	JN1	N45°58'57"E	788.50'
L10	OSHD 1048+27.30 P.O.T.	JN8	N01°41'59"E	809.53'

### STATE PLANE COORDINATES

OREGON NORTH ZONE 3801 - NAD '83 ('93) - INTERNATIONAL FEET

POINT I.D.	NORTHING	EASTING
N. 1/4 COR. SEC. 18	798,808.55	8,785,880.58
N.E. COR. SEC. 18	798,808.87	8,785,880.08
N. 1/4 COR. SEC. 18	798,814.82	8,785,889.58
JN6	798,803.88	8,785,130.78
JN8	798,881.04	8,785,884.78
JN4	798,888.00	8,787,878.18
JN5	798,847.44	8,785,804.88
JN2	798,840.48	8,785,837.54
JN1	798,809.80	8,785,483.63
OSHD 1048+27.30 P.O.T.	798,437.11	8,785,888.71

### SURVEY NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO MONUMENT A PORTION OF COUNTY ROAD NO. 678, JOHNSON ROAD, FOR LEGALIZATION PURPOSES AS THE RECORD OF THE UMATILLA COUNTY BOARD OF COMMISSIONERS AFTER IT HAD DETERMINED THAT THE ROAD AS TRAVELED DOES NOT MATCH EXISTING ROAD RECORDS. A NEW BRIDGE IS REVEALED TO BE BUILT ABOVE FOUR CREEKS IN 2007 WITH FEDERAL FUNDING.

THIS PORTION OF JOHNSON ROAD WAS ORIGINALLY SURVEYED BY J. H. RILEY COUNTY SURVEYOR IN 1888 AND HAS NUMBERED CORNERS. IN HIS SURVEY, THE ONLY TWO CORNERS CALLED FOR WERE THE NORTHWEST CORNER OF SECTION 18, LOCATED 24 NORTH, 24 EAST, AT THE BEGINNING OF THE ROAD AND THE NORTH 1/4 CORNER OF SECTION 18, LOCATED 24 NORTH, 24 EAST AT THE END OF THE ROAD. BEARINGS WERE CARDINAL AND DISTANCES WERE IN MULTIPLES OF 20 CHAINS.

ON 1988 JOHN ARNOLD SURVEYED SECTION 18 AND SET A STONE AT THE NORTHEAST CORNER OF SECTION 18 IN AN EAST-WEST LINE AND FOUND A STONE AT THE NORTH 1/4 CORNER OF SECTION 18 AT THE INTERSECTION OF A LINE RUNNING EAST AND A LINE RUNNING WITH A CURRENT SECTION BOUNDARY. BEING I USED IN THIS SURVEY, USE A BRASS CAP SET BY SURVEYOR AT THE 2-WAY ROAD INTERSECTION AT THE NORTH 1/4 CORNER OF SECTION 18, A BRASS CAP SET BY SURVEYOR AT THE 2-WAY ROAD INTERSECTION AT THE NORTHEAST CORNER OF SECTION 18, AND A BRASS CAP SET BY SURVEYOR FROM RAILROAD TIES AT THE NORTH 1/4 CORNER OF SECTION 18.

THE RIGHT-OF-WAY LINES IN THE AREA OF THE SECTION INTERCHANGE WERE ESTABLISHED BY HOLDING THE MONUMENT FOUND AT 1988 IN PLACE LEFT FOR STATIONING AND DISTANCE FROM CENTER LINE AND THE EXISTING RIGHT-OF-WAY LINE FOR BEARING AND USED FROM STATIONING AND OFFSETS FROM O.S.H.D. RIGHT-OF-WAY HAS NO. 10-20. IT SHOULD BE NOTED THAT OFFSETS FOR RIGHT-OF-WAY OBTAINED BY THE STATE FOR THE CONSTRUCTION OF THE SECTION INTERCHANGE WERE BASED ON A POSITION FOR THE NORTH 1/4 CORNER OF SECTION 18 BEING IN A DIFFERENT POSITION FROM WHERE THE SURVEYOR'S CORNER WAS LOCATED.

THE SURVEY WAS PERFORMED WITH A SOKKIA TOTAL STATION OPERATED IN STATION MODE. THE PROCEDURE I USED WAS TO REVERSE A LOCALIZATION (FORCED ADJUSTMENT), HOLDING THE PUBLISHED STATE PLANE COORDINATES OF THE THREE SECTION CORNER MONUMENTS FROM SURVEY NO. 02-012-C BY BELLS. THE BEARINGS AND DISTANCES SHOWN ARE HAD BEING USED TO OBTAIN BEARING DISTANCES. DIVIDE THOSE SHOWN BY A COMBINED SCALE AND ELEVATION FACTOR OF 0.9997884 TO OBTAIN AN APPROXIMATION OF TRUE BEARINGS. ROTATE THOSE SHOWN BY 1°27'00" CLOCKWISE (THE CONVERGENCE ANGLE AT THE NORTHEAST CORNER OF SECTION 18).

### SURVEY RECORDS

- R-1 ORIGINAL S.L.S. SURVEY BY WILLIAM OSBELL, CONTRACT NO. 114, DATED JULY 2, 1888
- R-2 SURVEY OF SECTION 18 BY JOHN ARNOLD, BOOK 1, RECORD OF PRIVATE SURVEYS, SURVEY NO. 44, PAGES 221-225, DATED OCTOBER, 1888
- R-3 SURVEY FOR UMATILLA COUNTY BY PLS 933, SURVEY NO. 83-78-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 BEAR WITH BLUE PLASTIC CAP MARKED "UCPD...118887"
- FOUND 2" BRASS CAP R/W MONUMENT SET IN CONCRETE

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

REVEREND  
DAVID H. HARRIS

REVEREND 12/31/08

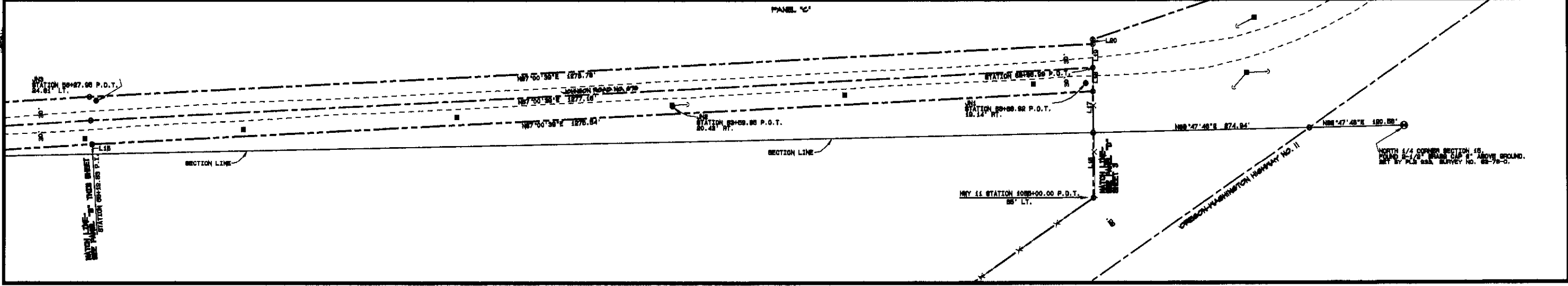
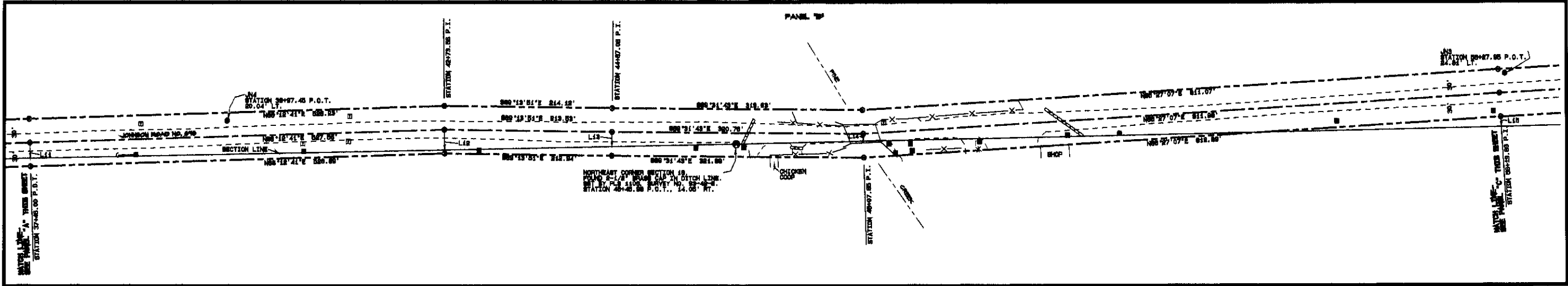
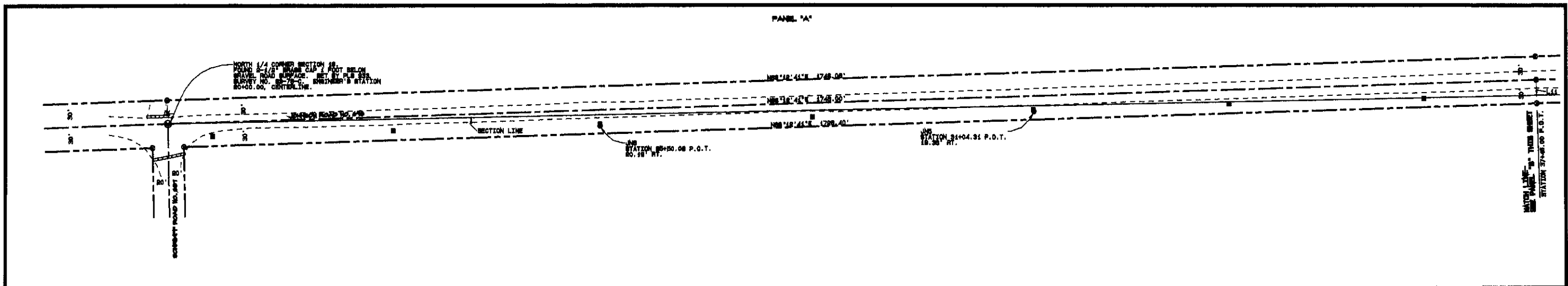
UMATILLA COUNTY ROAD DEPARTMENT  
2020 HARBORWAY  
PENDLETON, OREGON 97801  
PHONE 541-278-3424

ROAD LEGALIZATION SURVEY  
JOHNSON ROAD  
COUNTY ROAD NO. 678

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

DATE OF SURVEY: JULY, 2008

SHEET 1 OF 3



LINE TABLE

LINE NO.	BEARING	DISTANCE
L11	S01°47'18"E	19.89'
L12	S00°30'38"E	85.64'
L13	S00°37'18"E	18.56'
L14	S01°38'18"E	9.31'
L15	S03°18'07"E	18.05'
L16	N00°10'38"W	83.08'
L17	N00°10'38"W	88.89'
L18	N00°10'38"W	90.04'
L19	N00°10'38"W	90.04'
L20	N00°10'38"W	5.70'

STATE PLANE COORDINATES

OREGON NORTH ZONE 9801 - NAD '83 ('94) - INTERNATIONAL FEET

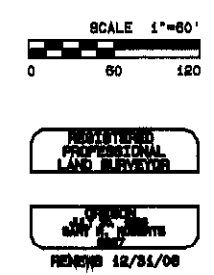
POINT I.D.	NORTHING	EASTING
N. 1/4 COR. SEC. 18	798,908.58	8,788,580.89
JNS	798,908.58	8,788,580.78
JNS	798,921.84	8,788,984.70
JH4	798,908.90	8,787,878.18
N.E. COR. SEC. 18	798,909.87	8,788,828.06
JNS	798,947.44	8,788,804.89
JNS	798,940.48	8,788,827.64
JH4	798,989.80	8,790,489.88
N. 1/4 COR. SEC. 18	798,914.88	8,790,888.08

STATE PLANE COORDINATES (CONTINUED)

OREGON NORTH ZONE 9801 - NAD '83 ('94) - INTERNATIONAL FEET

POINT I.D.	NORTHING	EASTING
37+48.00 P.O.T. CL	798,981.09	8,787,325.48
48+73.50 P.I. CL	798,877.48	8,787,828.78
44+87.00 P.I. CL	798,874.88	8,788,088.88
48+07.85 P.I. CL	798,871.98	8,788,387.04
66+18.83 P.I. CL	798,922.83	8,788,187.48
68+88.88 P.O.T. CL	798,988.88	8,790,478.88

- LEGEND
- ⊙ FOUND SECTION MONUMENT AS NOTED
  - ⊙ SET 8" X 8" X 30" STEEL BEAM WITH BLUE PLASTIC CAP MARKED (CORNERS, LINES)
  - ⊙ CALCULATED POINT ONLY - NOTHING FOUND OR SET
  - ⊙ POWER POLE
  - GUY WIRE AND ANCHOR
  - ⊠ TELEPHONE PEDestal
  - R/W CENTERLINE
  - R/W LINE
  - EDGE OF TRAVELED ROAD
  - CULVERT
  - FENCE
  - STREAM



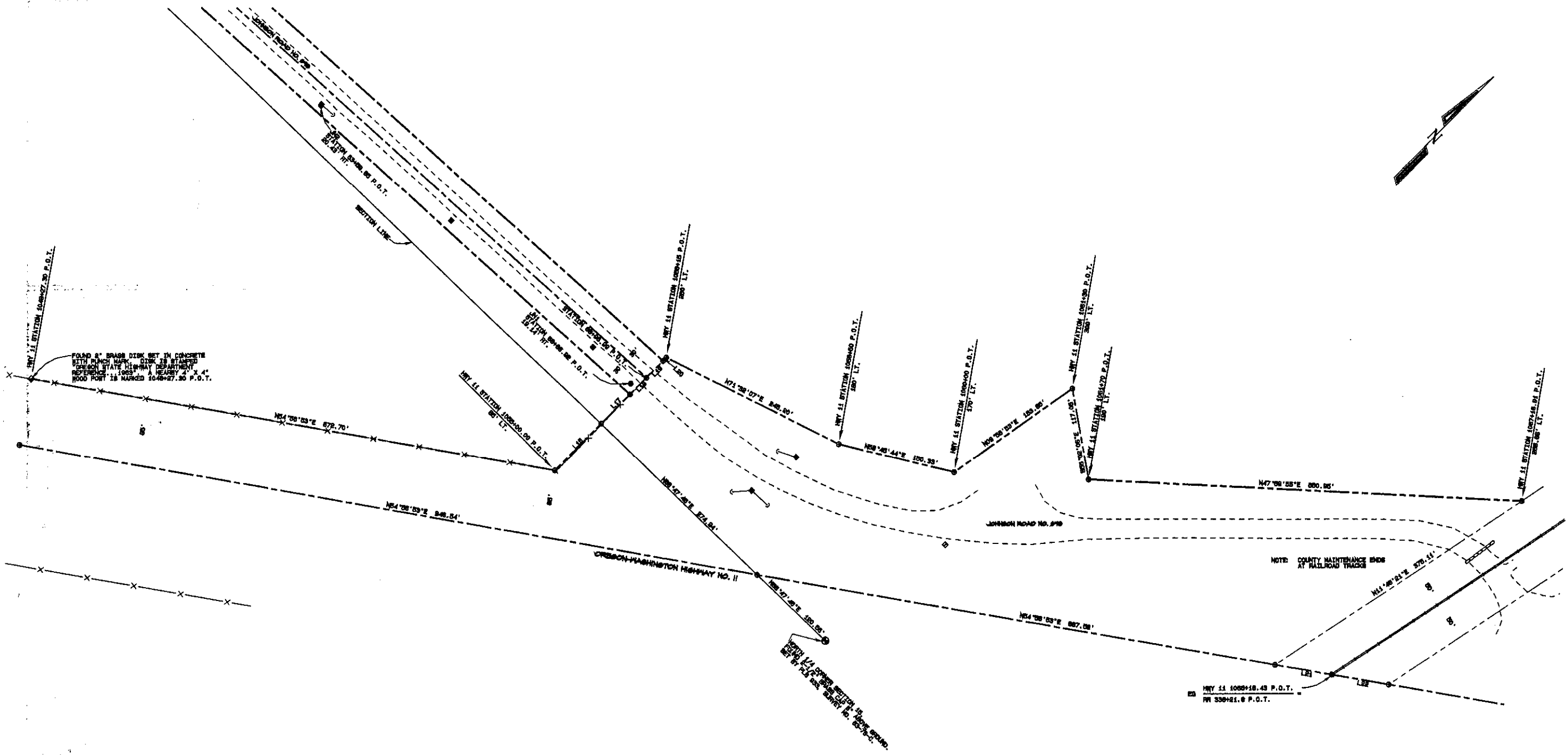
UNATILLA COUNTY ROAD DEPARTMENT  
 8120 NE STATE  
 MEDFORD, OREGON 97501  
 PHONE 541-276-8424

ROAD LEGALIZATION SURVEY  
 COUNTY ROAD NO. 678

LOCATED IN SECTIONS 8, 10, 15, AND 18  
 TOWNSHIP 4 NORTH, RANGE 96 E. N.M.

DATE OF SURVEY: JULY, 2008

SHEET 2 OF 3



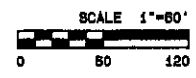
STATE PLANE COORDINATES

OREGON NORTH ZONE 5001 - NAD '83 ('81) - INTERNATIONAL FEET

POINT I.D.	NORTHING	EASTING
HWY. MONUMENT 1048+27.30 P.O.T., 85' LT.	796,437.11	8,729,922.71
JNR	796,940.48	8,729,937.84
JN1	796,908.80	8,730,483.83
N. 1/4 COR. SEC. 10	796,914.82	8,730,898.56
80+06.89 P.O.T., CL	796,908.83	8,730,472.80
HWY 11 1088+00.00 P.O.T., 85' LT.	796,923.46	8,730,473.40
HWY 11 1088+15.00 P.O.T., 250' LT.	797,024.87	8,730,478.78
HWY 11 1088+30.00 P.O.T., 180' LT.	797,108.03	8,730,706.36
HWY 11 1088+00.00 P.O.T., 470' LT.	797,190.00	8,730,833.90
HWY 11 1088+30.00 P.O.T., 300' LT.	797,961.09	8,730,986.66
HWY 11 1088+70.00 P.O.T., 190' LT.	797,934.80	8,730,981.88
HWY 11 1087+18.81 P.O.T., 858.88' LT.	797,988.87	8,731,371.01
HWY 11 1085+18.43 P.O.T., CL	797,337.88	8,731,364.30

LEGEND

- FOUND SECTION MONUMENT AS NOTED
- SET 5/8" X 30" STEEL REBAR WITH BLUE PLASTIC CAP MARKED "UCPNO...L88887"
- CALCULATED POINT ONLY - NOTHING FOUND OR SET
- FOUND ORHS R/W MONUMENT AS NOTED
- BUY PIPE AND ANCHOR
- POWER POLE
- R/W CENTERLINE
- R/W LINE
- EDGE OF TRAVELED ROAD
- CULVERT
- X — FENCE
- RAILROAD R/W CENTERLINE



REGISTERED PROFESSIONAL LAND SURVEYOR  
 OREGON  
 REVISED 12/31/08

LINE NO.	BEARING	DISTANCE
L16	N00°10'36"N	83.06'
L17	N00°10'36"N	58.88'
L18	N00°10'36"N	30.04'
L19	N00°10'36"N	30.04'
L20	N00°10'36"N	8.70'
L21	N84°08'53"E	73.07'
L22	N84°08'53"E	73.07'

UMATILLA COUNTY ROAD DEPARTMENT  
 6120 WESTGATE  
 PENDLETON, OREGON 97051  
 PHONE 541/278-8434

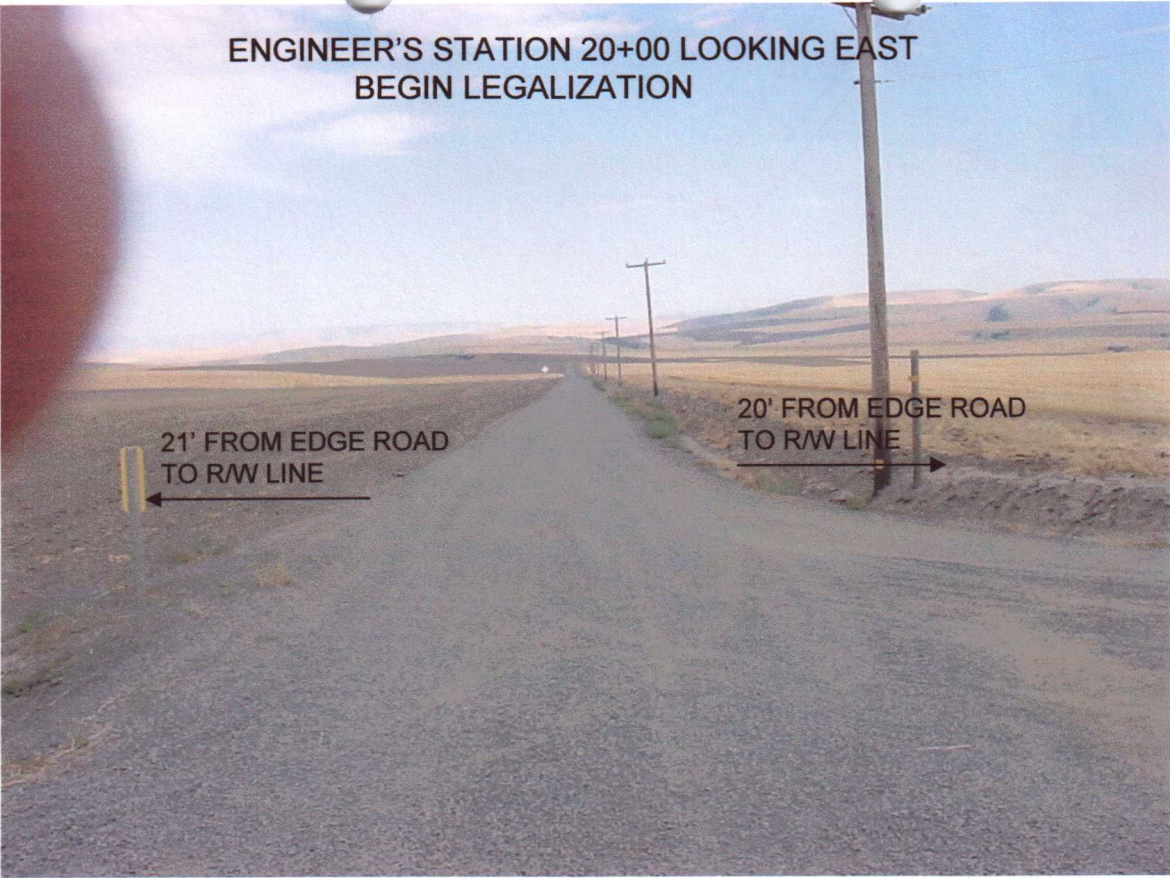
ROAD LEGALIZATION SURVEY  
 JOHNSON ROAD  
 COUNTY ROAD NO. 878

LOCATED IN SECTIONS 8, 10, 15, AND 16  
 TOWNSHIP 4 NORTH, RANGE 36 E.N.M.

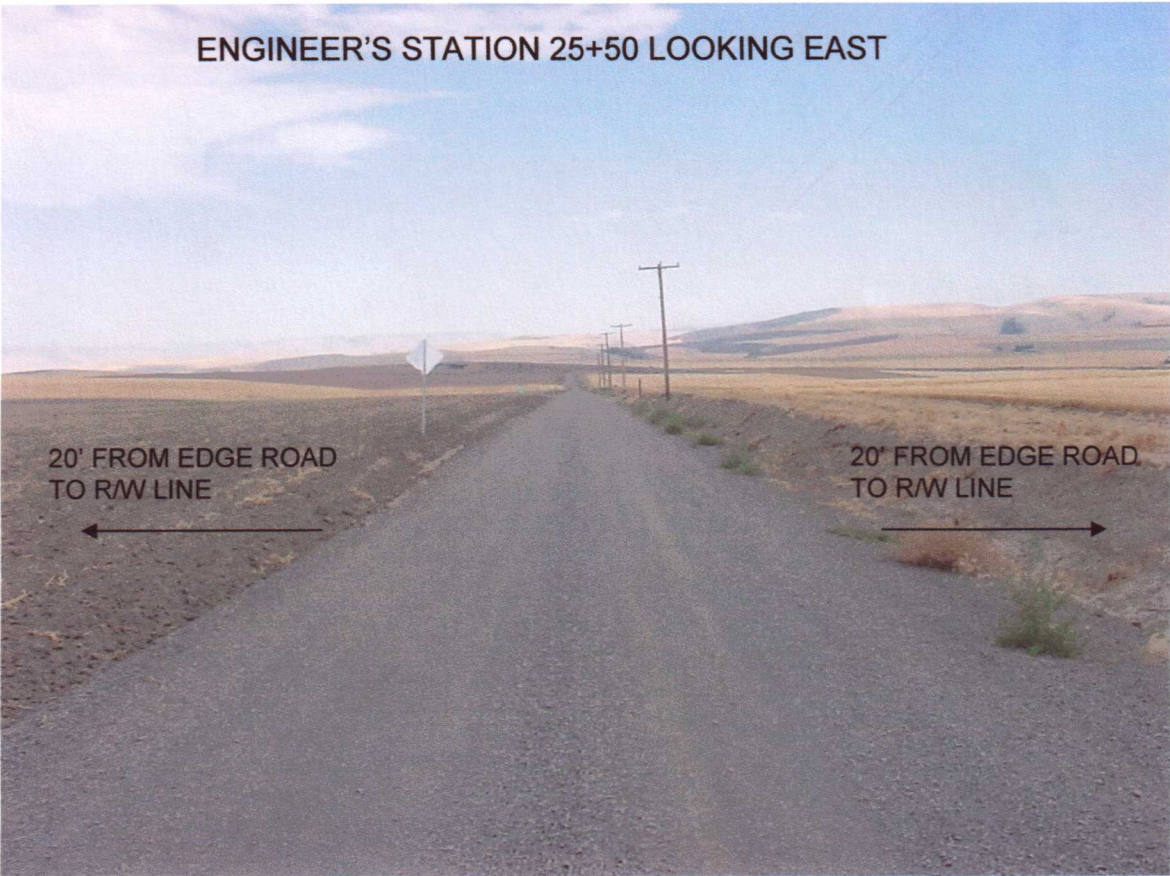
DATE OF SURVEY: JULY, 2008

SHEET 3 OF 3

ENGINEER'S STATION 20+00 LOOKING EAST  
BEGIN LEGALIZATION



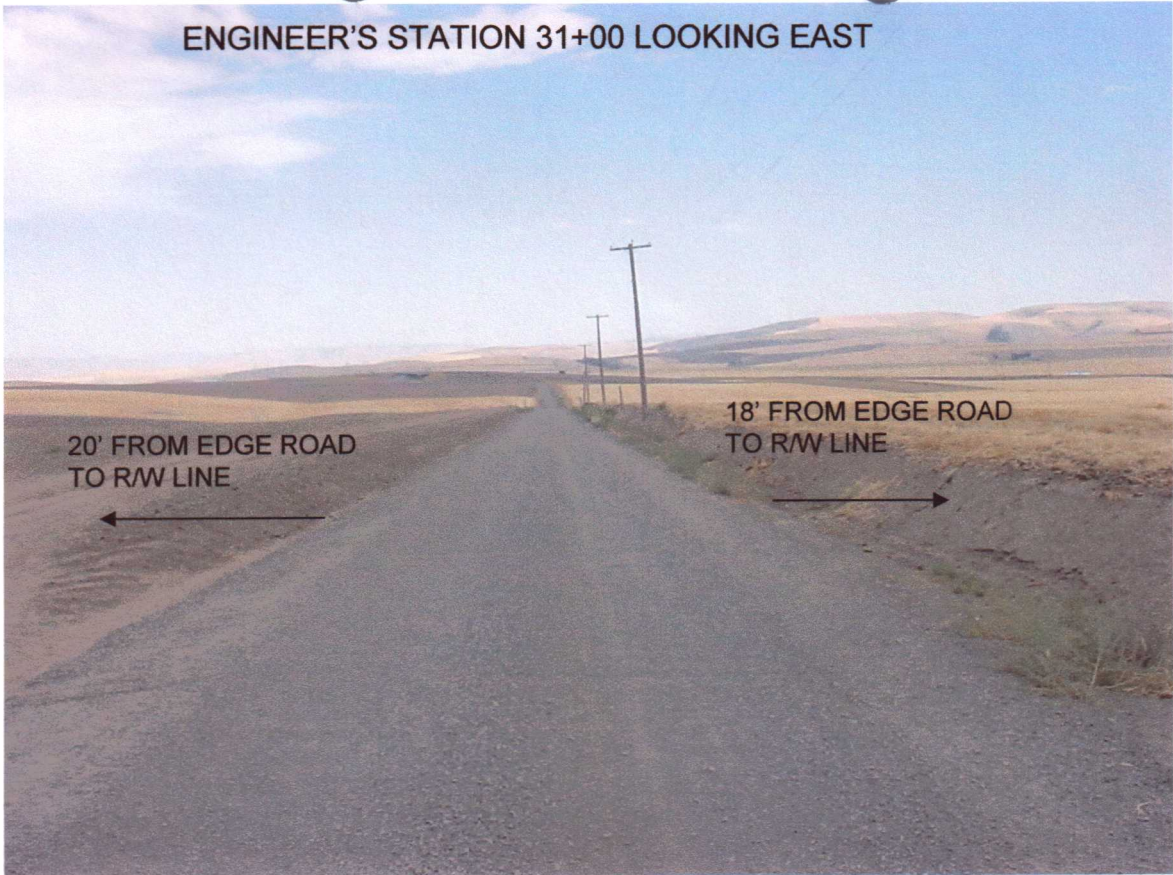
ENGINEER'S STATION 25+50 LOOKING EAST



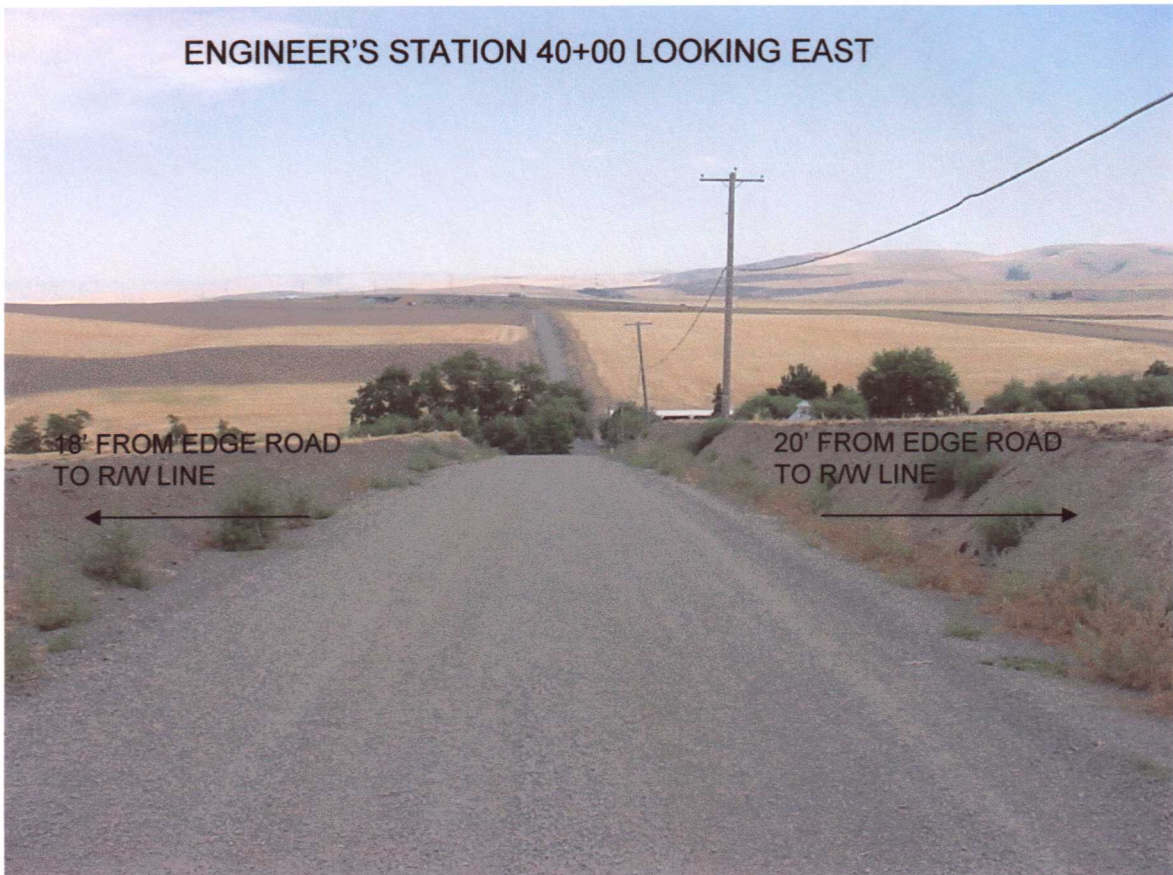
AUGUST 7, 2006



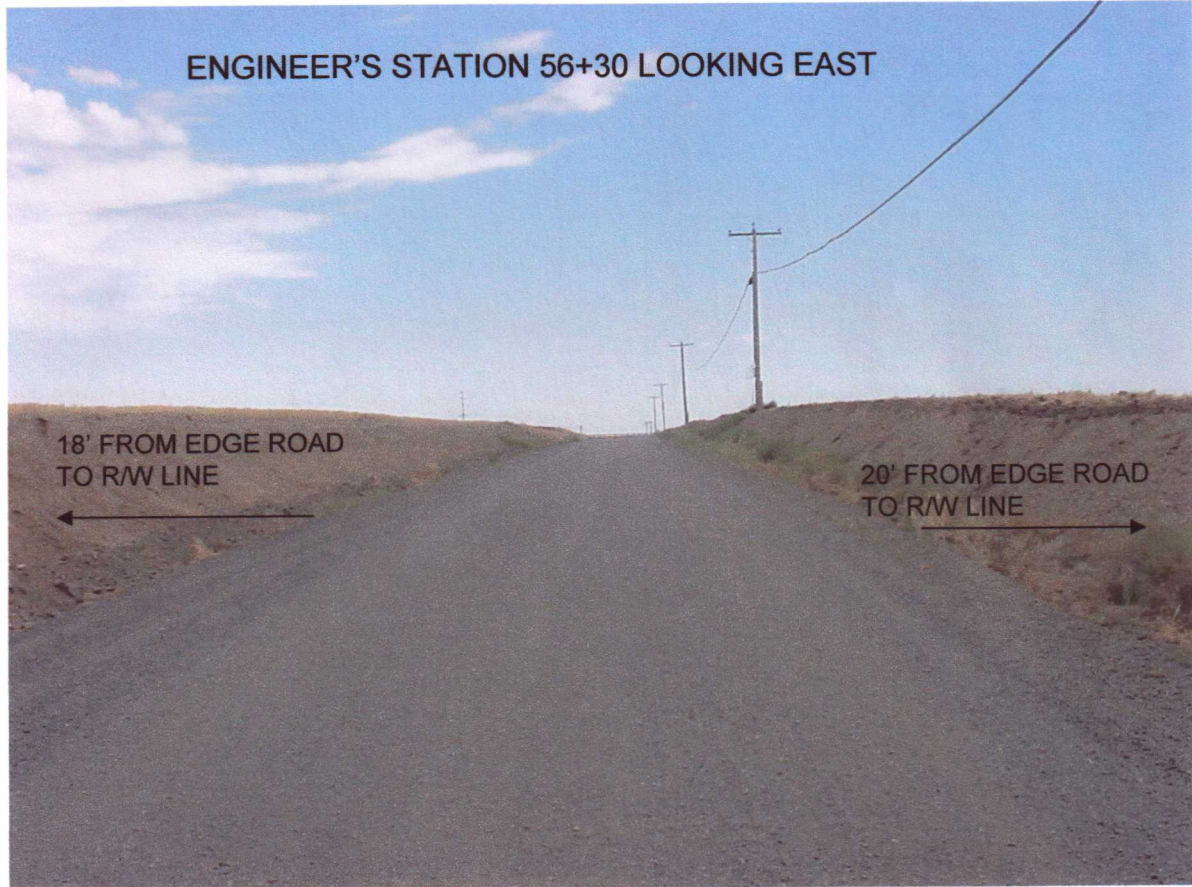
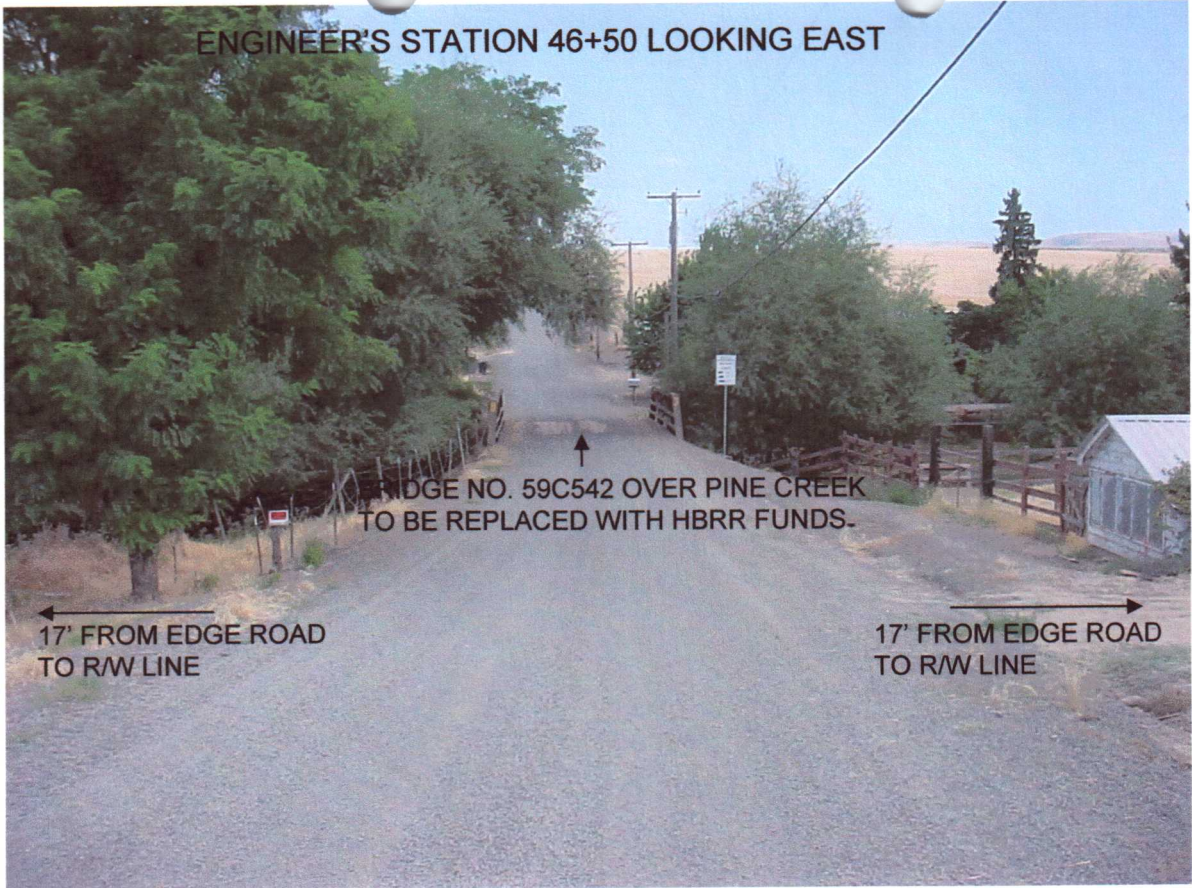
ENGINEER'S STATION 31+00 LOOKING EAST



ENGINEER'S STATION 40+00 LOOKING EAST

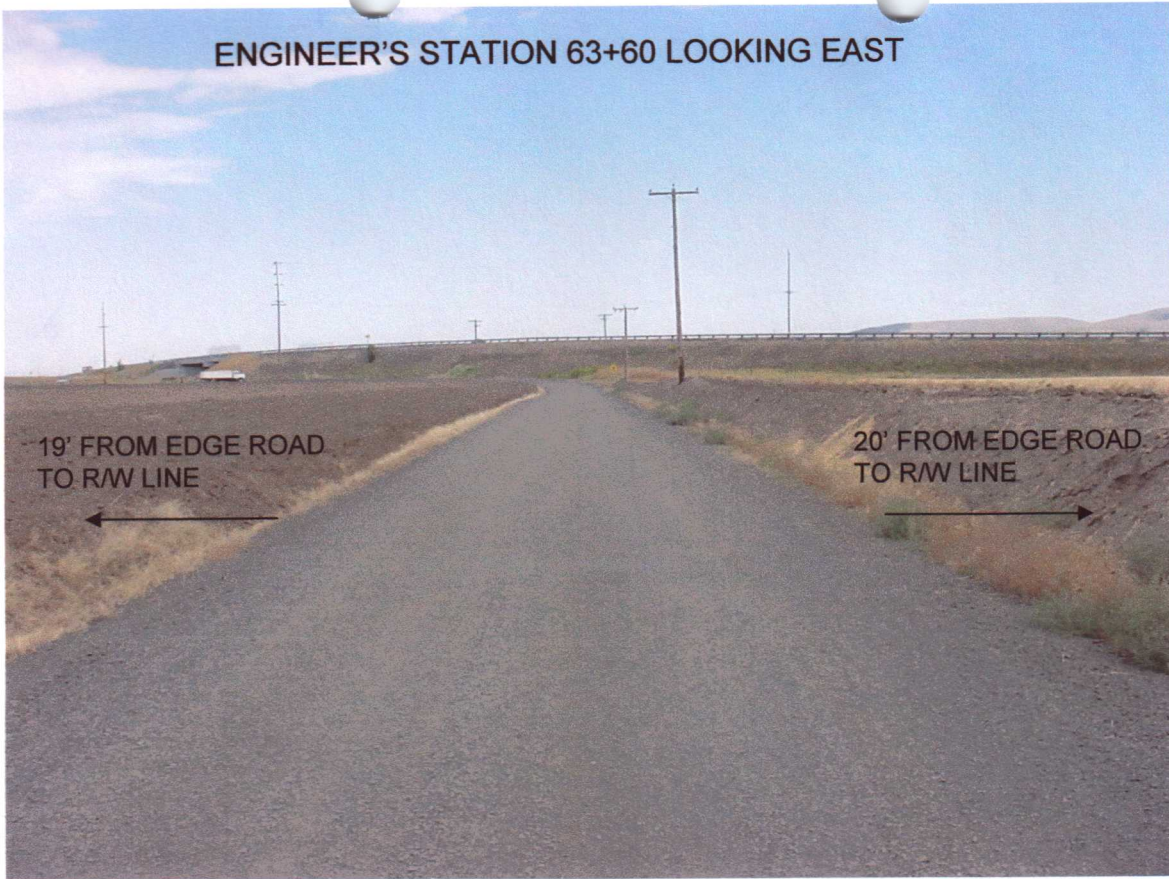


AUGUST 7, 2006

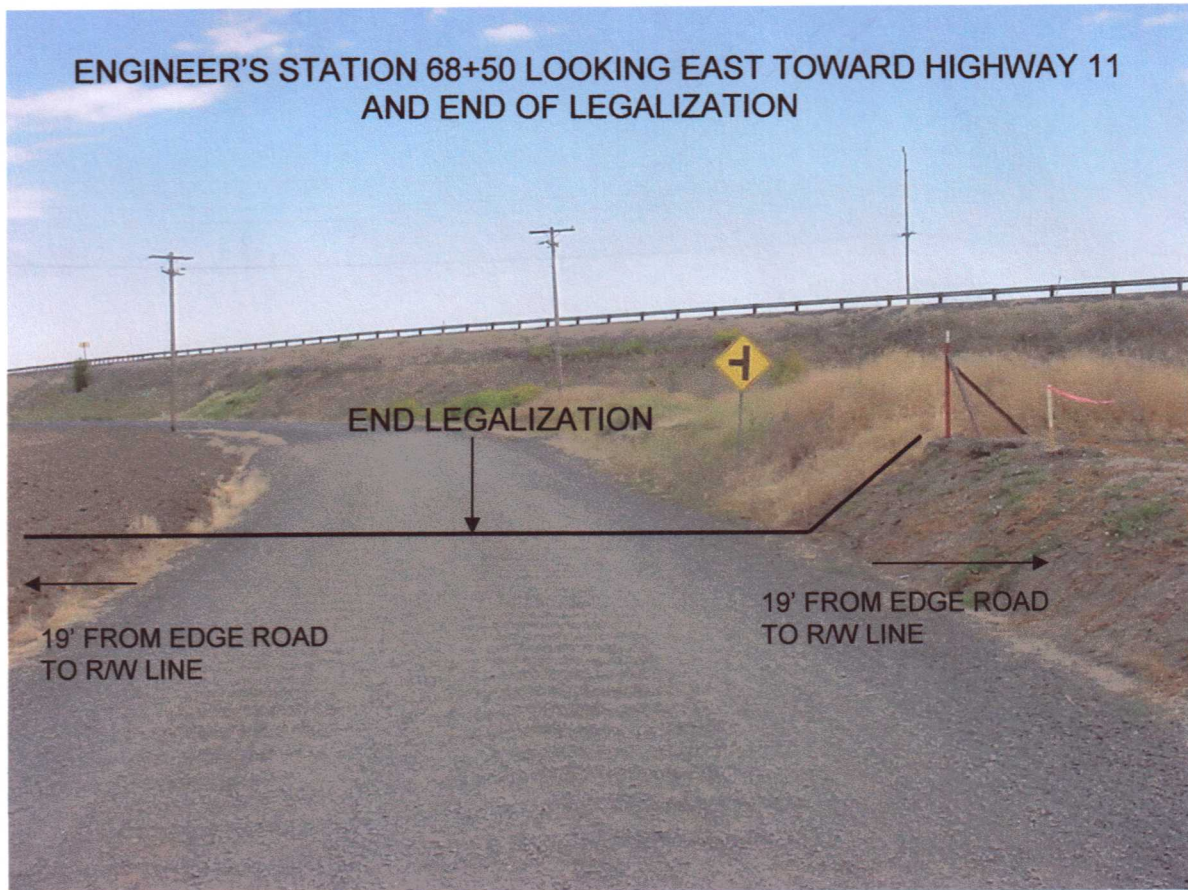


AUGUST 7, 2006

ENGINEER'S STATION 63+60 LOOKING EAST



ENGINEER'S STATION 68+50 LOOKING EAST TOWARD HIGHWAY 11 AND END OF LEGALIZATION



AUGUST 7, 2006

D