

HODGSON ROAD LEGALIZATION

COUNTY ROAD NO. 637

ROAD REPORT

UMATILLA COUNTY
DEPARTMENT OF PUBLIC
WORKS

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HODGSON ROAD LEGALIZATION REPORT

HISTORY

Hodgson Road was established in the time period between 1880 and 1902 and is comprised of portions of three old roads. In 1880, Road No. 87 was established. It ran from the corner common to Sections 14, 15, 22, and 23 south along the section line to the Weston and Summerville Road (near present-day Highway 204). It was established at a width of 33 feet. In 1882, Peter Deardorff petitioned the County to move the road one rod (16 ½ feet) to the west for ½ mile from the corner common to Sections 22, 23, 26, and 27 to the ¼ corner common to Sections 26 and 27. The petition was granted and the road was established as Road No. 108. No right-of-way width was stated in the order establishing the road, though it did state that it was “duly opened a legal width”. In 1902, Road No. 533 ½ was established. It ran from the ¼ corner common to sections 26 and 27 south for approximately ¼ mile to near what is now Highway 204. Right-of-way width was 40 feet.

GENERAL

The majority of the road falls within the record rights-of-way well enough that no legalization needs to be done to correct the location of the road, though there is some question concerning the width of old Road No. 108. The southerly 1400 feet of the road does not match road records and needs to be legalized.

The existing connection with Highway 204 is in a very poor location for sight distance and is extremely steep. Jim and Melva Burns have granted a right-of-way easement across their property so that the intersection can be moved to a better location for sight distance and can be flattened out. The new road, which is approximately 800 feet long, will be given a new road number. The old (existing) intersection will be blocked. The existing right-of-way lying between the new road and Highway 204 should be left intact, as there are utilities installed in it, and the property owner on the west side of the road can still use it to access portions of his property if needed. At such time the property owners request that it be vacated, and the utility companies would have no objections, it could be vacated.

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. No negative impacts for property owners is anticipated, though there are some fences that are well within the right-of-way. At such time as any significant widening of the road is done, the fences may have to be moved.

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.

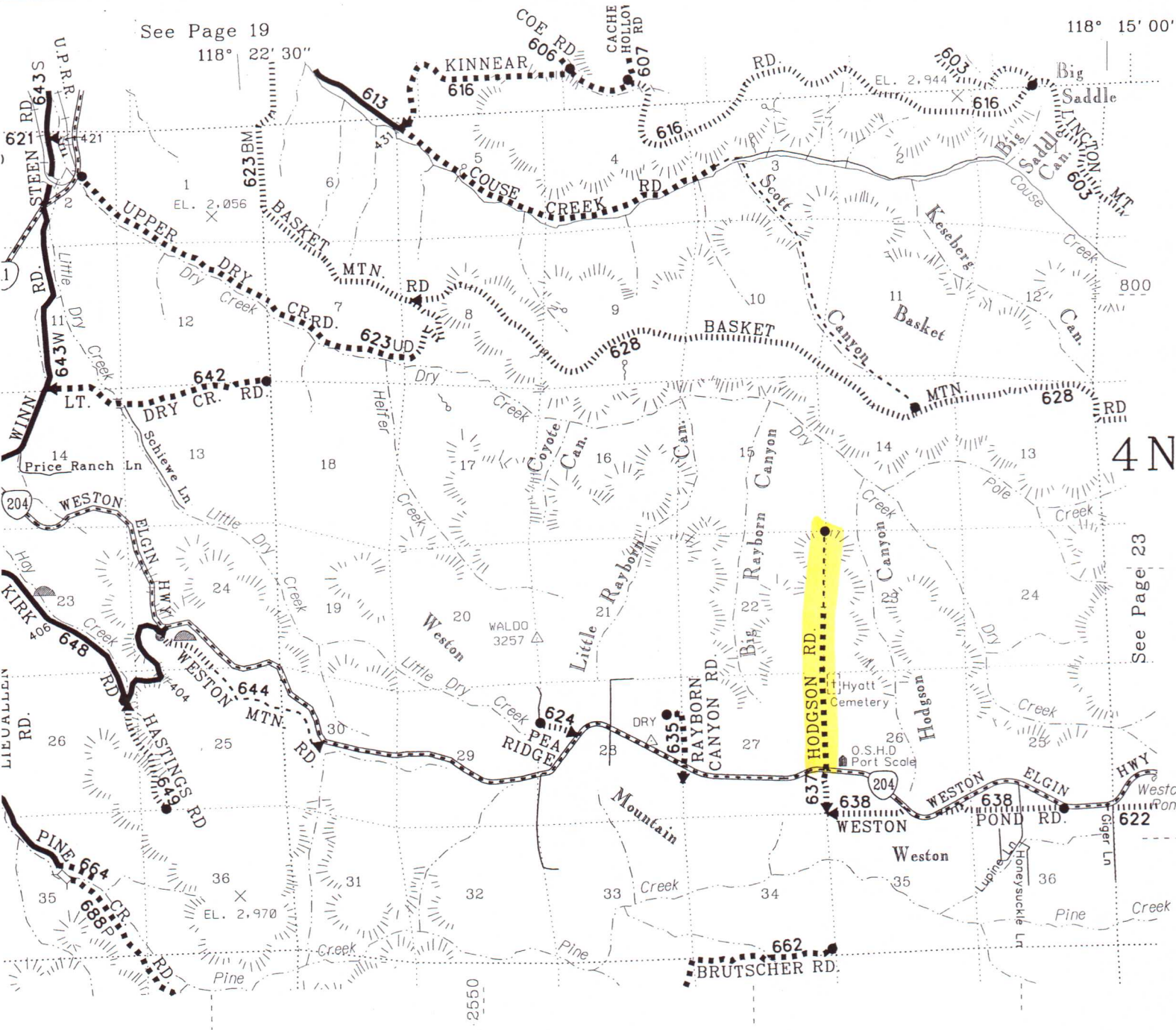
RECOMMENDATION

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 the following widths: 33 feet from the corner common to Sections 14, 15, 22, and 23 south to the corner common to Sections 22, 23, 26, and 27 (Road No. 87); 60 feet from the corner common to Sections 22, 23, 26, and 27 south to the $\frac{1}{4}$ corner common to Sections 26 and 27 (Road No. 108); 40 feet from the $\frac{1}{4}$ corner common to Sections 26 and 27 south to Highway No. 204.

See Page 19

118° 15' 00"

118° 22' 30"

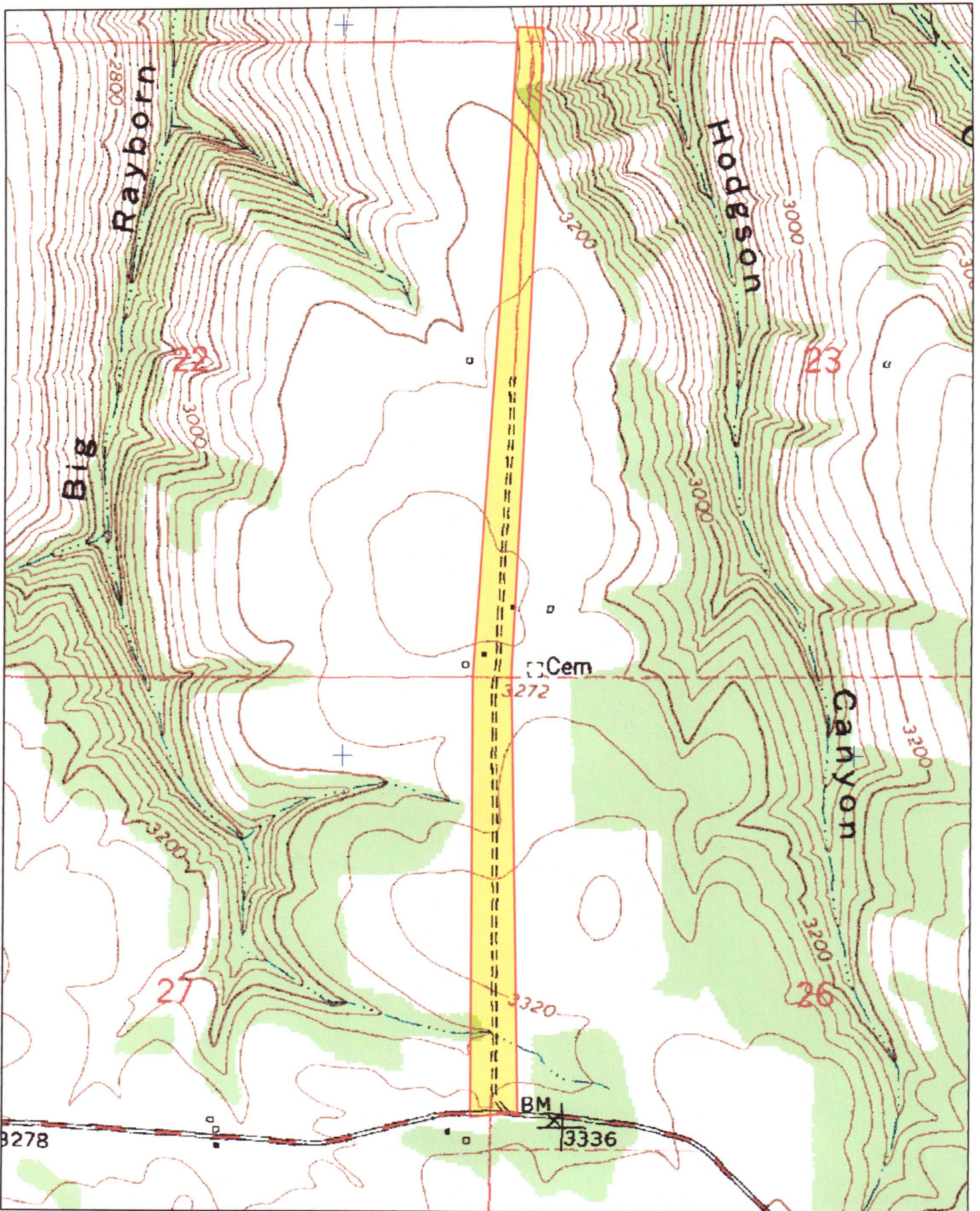


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See Page 23

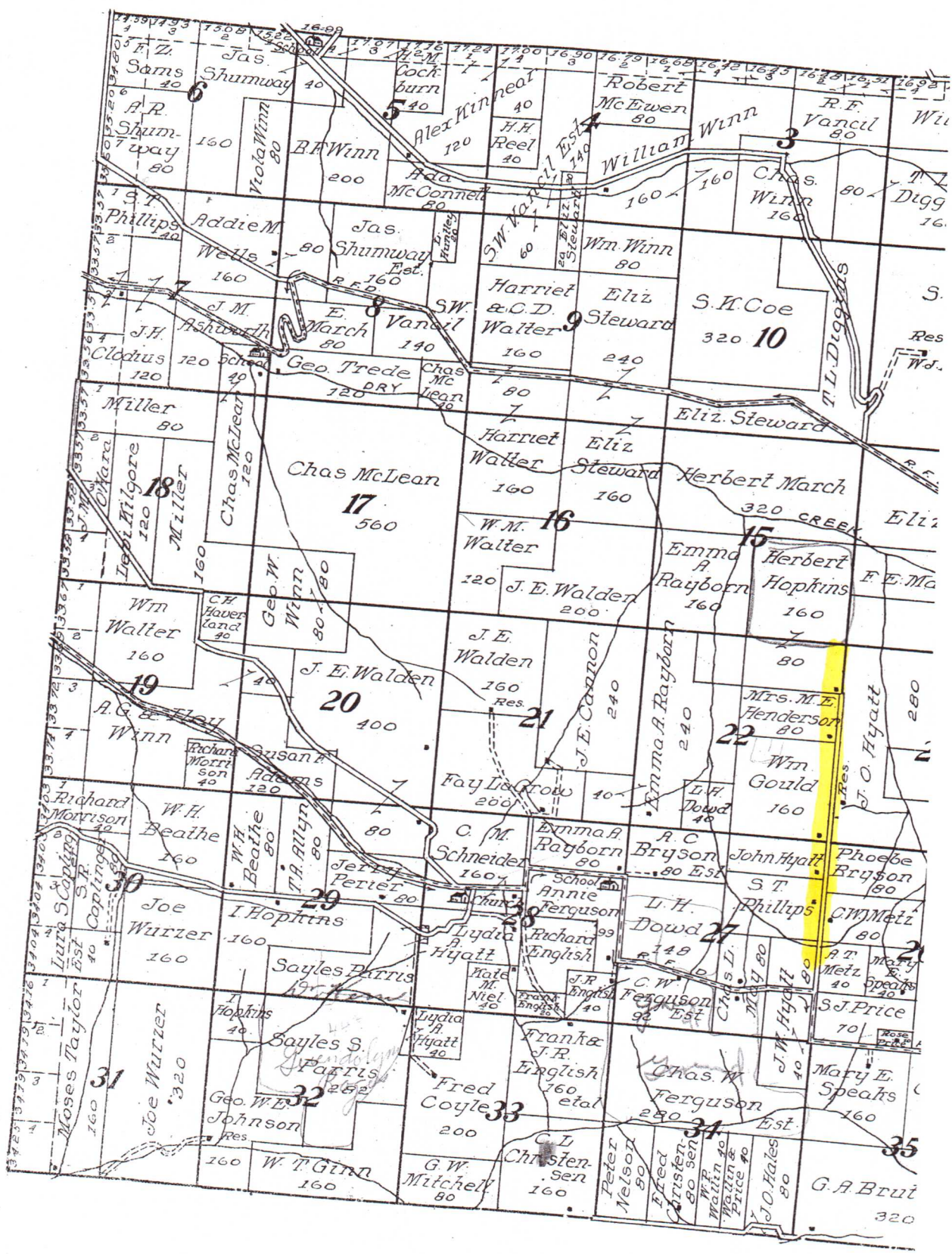
See Page 25

R36



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





Field Notes of Survey of County Road from
 NE cor of Sec 22 T4N R36E to Weston & Somerville Road
 Com July 26" 1885.

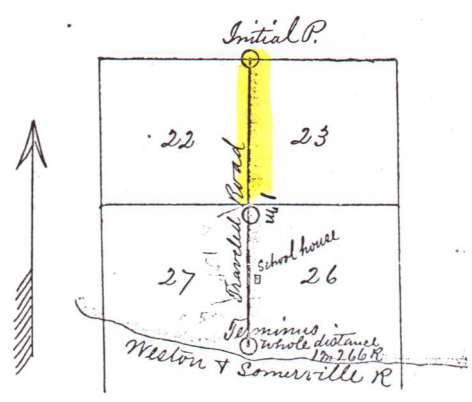
(Sum)

Course	Ch	Lks	Notes
S 2:21 W	76	95	Set initial post on W of cañon at NE cor Sec 22 T4N R36E
"	80	"	along line bet Sec 22 & 23 to cor for 22, 23, 26 & 27
"	66	50	" " " 26 & 27 - Set 1m against rail fence E of track R.
"			" " " 26 & 27 intersect Weston & Somerville R

Set terminal post - whole distance 1m 266 R.
 From the 1m post the road passes through some scattering trees & shrubs by new school house on E and up a slight ascent - the road is marked by travel. The stakes & posts were all mounded marked according to law.

Jno. C. Arnold, Surveyor
 B. F. Raley, marker
 J. H. Foster
 N. B. Davidson } Chainmen

Plat of the above described
 County road - Scale 80 ch = 1 inch
 Jno. C. Arnold
 Surveyor.



14
To the Hon County Court
Unadilla County Orgn }

Gentlemen

I herewith submit the following as
the notes taken in the survey of a
proposed change in the County road
on the lands of Peter Deardorff
Commencing at the N. E Corner of Sec
27 T4 N R 36 E I set stake and mark
Var 31

West
South
East

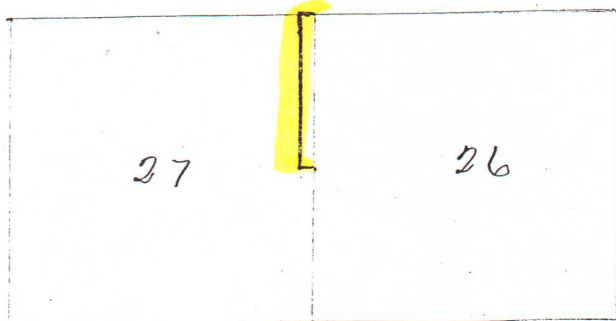
35~~2~~ Lks
40 Chains 14 "
25- "

And intersected 1/4 post on east
line of Sec 27 T4 N R 36 E -

I hereby certify that the foregoing notes
together with the accompanying plat
are correct

J. H. Raley
County Surveyor
by Geo W Reading Deputy

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Field Notes of Road # 533 $\frac{1}{2}$

In accordance with an order issued by the Honorable County Court of Vanatilla County I met on April 16th Wm. Sigman, J. E. Walden and W. H. Beathe at School House # 49 as specified, and after duly qualifying, we proceeded to the initial point of Road # 533 $\frac{1}{2}$ and proceeded to locate and survey said Road. We called to our aid J. B. Hark and F. Beathe, to act as chainmen and they were duly qualified. I planted post as per instructions 30 E of initial point marked R 533 $\frac{1}{2}$.

Standard Time	10° 30' A.M.
Local " "	10 24 " "
Declination of Sun	10° 03' 45'
Altitude angle	53°
Latitude	45° 42'
Variation of Needle	20° 30'

Field Notes of Road #533

Beginning at a point the 1/4 Sec Cor. on E line of Sec 27. T₄N R₃₆E

	Dish	L	R	J. D.
South	924'	26°47'		
S. 26°47'E	198'		58°53'	
S. 32°06'W	354'			

To intersection with County Road at which pt. 30 East I set post as per instructions.

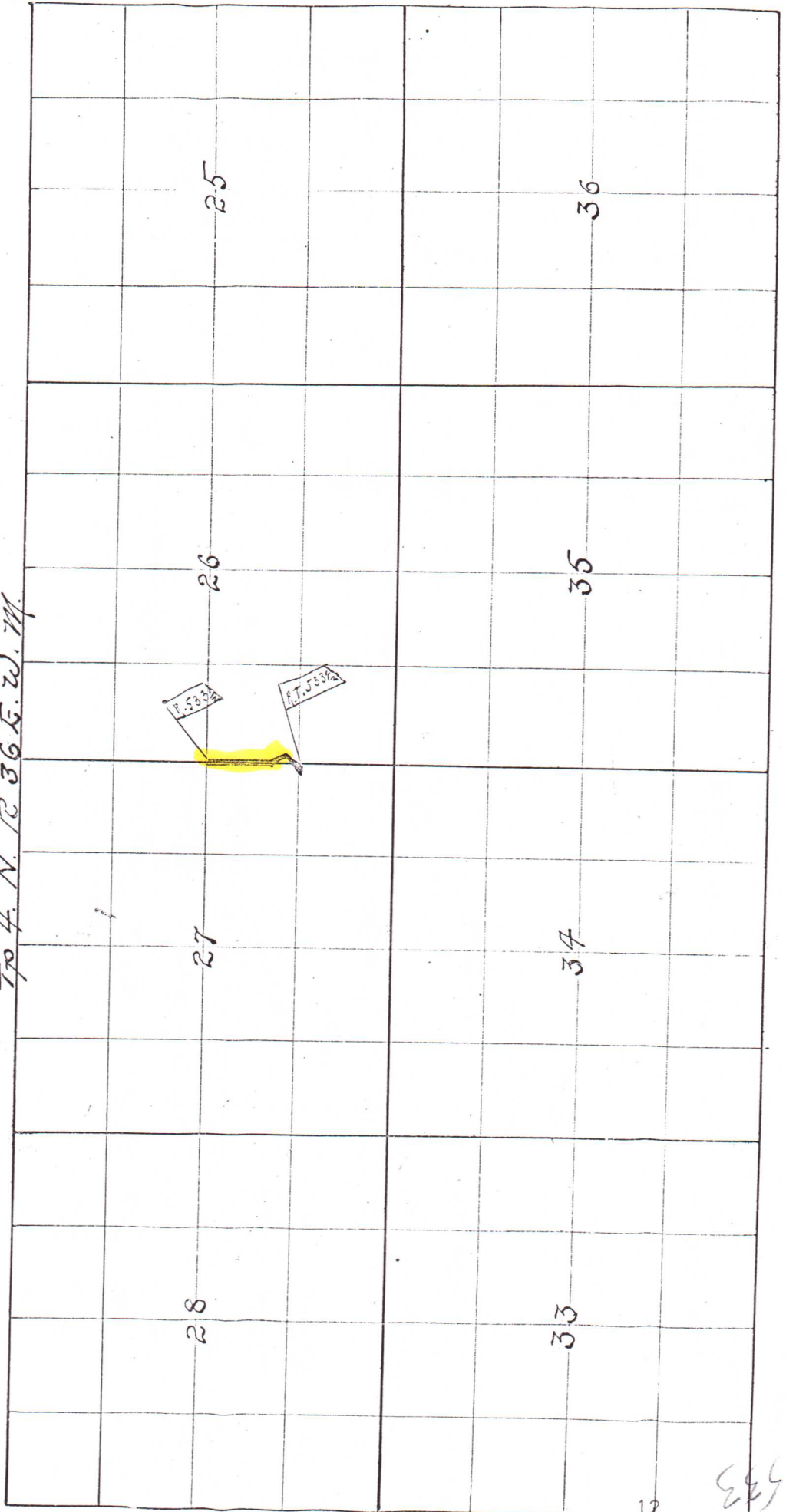
I hereby certify that the foregoing is a true and correct copy of notes of survey of road 533 as made by me.
 E. W. Macomber
 County Surveyor.

Road 533 1/2

Filed May 9, 1902
 W. D. Chamberlain
 Clerk
 By: B. B. Hall
 Deputy

ROAD. " 533.

Tp 7. N. R 36 E. W. 77.



245

STATUTORY COUNTY ROAD WIDTHS

Jan. 21,
1854

ROAD # 108
EST. 1882
NO WIDTH STATED

May 21,
1889

SUBJECT TO A MAXIMUM WIDTH OF 80 FT.

May 22,
1915

June 6,
1931

July 5,
1947

STANDARD WIDTH
MAXIMUM WIDTH
MINIMUM WIDTH

STANDARD WIDTH
COLLECTOR

60'

A Lesser Width
Can Be Stated

STANDARD WIDTH
COLLECTOR

80'

40'

SUBJECT TO 40 FT.
MINIMUM

STANDARD WIDTH
COLLECTOR

30'

SUBJECT TO 30 FT.
MINIMUM

NO STANDARD WIDTH
ACTUAL WIDTH MIN.

NO STANDARD WIDTH
PRESCRIBED BY LAW
BE STATED

50'

SUBJECT TO 30 FT.
MINIMUM

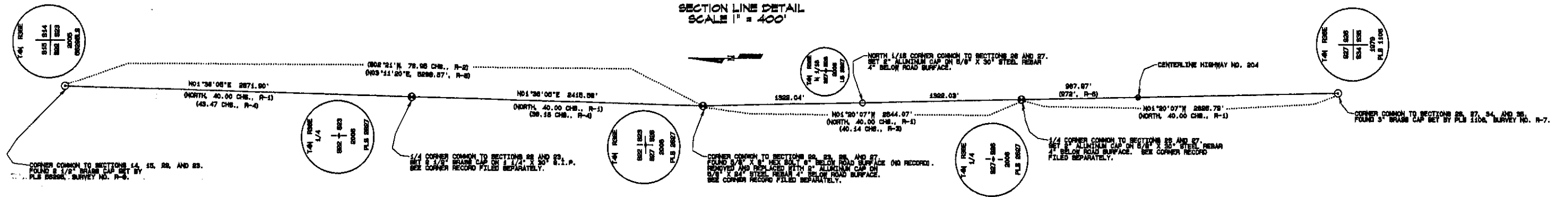
SUBJECT TO 50 FT.
MINIMUM

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

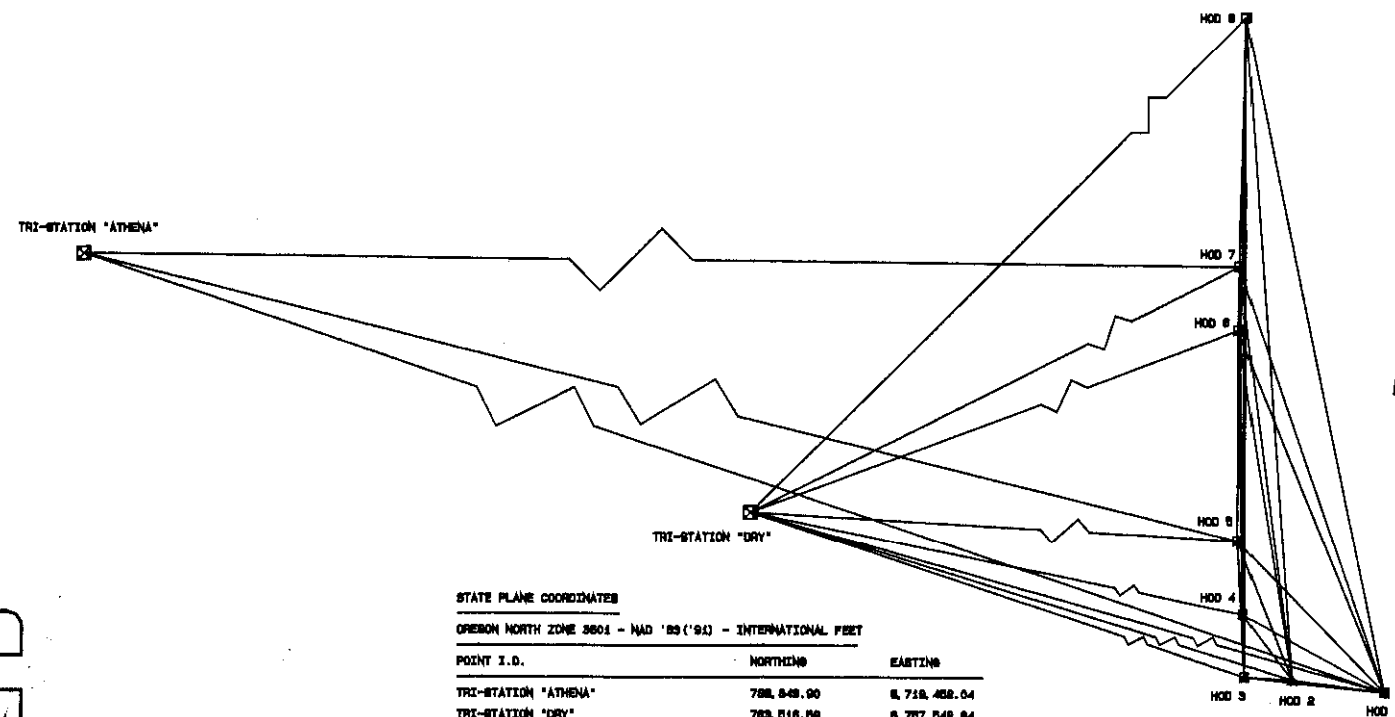
Law prescribes no standard width. Width of county road must be stated subject to specified minimum.

HODGSON ROAD LEGALIZATION/MONUMENTATION SURVEY INDEX SHEET

SECTION LINE DETAIL
SCALE 1" = 400'



CONTROL TRAVERSE
SCALE 1" = 1000'



INDEX

- SHEET 1 HODGSON ROAD STATION 0+00.00 TO STATION 40+79.68
- SHEET 2 HODGSON ROAD STATION 40+79.68 TO STATION 80+22.42
- SHEET 3 HODGSON ROAD STATION 80+22.42 TO STATION 89+29.18
HIGHWAY 204 STATION 454+23.22 TO STATION 459+24.68
SURVEY NARRATIVE

STATE PLANE COORDINATES

OREGON NORTH ZONE 2801 - NAD '83 ('94) - INTERNATIONAL FEET

POINT I.D.	NORTHING	EASTING
TRI-STATION 'ATHENA'	788,848.90	8,718,488.04
TRI-STATION 'DRY'	783,518.08	8,787,548.84
HOD 1	788,334.88	8,788,128.37
HOD 2	788,474.78	8,788,078.88
HOD 3	788,504.14	8,784,584.08
HOD 4	783,218.14	8,784,501.95
HOD 5	784,080.54	8,784,438.48
HOD 6	788,408.87	8,784,438.71
HOD 7	787,183.88	8,784,447.73
HOD 8	790,027.85	8,784,518.78
NE COR. SEC. 22	781,381.71	8,784,500.08
N 1/4 COR. SECS. 22/23	788,948.82	8,784,508.83
1/4 COR. SECS. 22/23	788,510.84	8,784,488.80
S 1/4 COR. SECS. 22/23	787,303.83	8,784,438.04
NE COR. SEC. 27	786,098.38	8,784,438.28
N 1/4 COR. SECS. 27/28	784,774.84	8,784,433.08
1/4 COR. SECS. 27/28	783,488.08	8,784,483.00
S 1/4 COR. SECS. 27/28	782,138.82	8,784,484.51
NE COR. SEC. 34	780,828.88	8,784,528.11

REGISTERED
PROFESSIONAL
LAND SURVEYOR

ISSUED
MAY 11, 2006
REVISED 12/31/08

SURVEY RECORDS

- R-1 ORIGINAL S.L.O. SURVEY BY WILLIAM COELL, CONTRACT NO. 114, DATED JULY 2, 1983
- R-2 SURVEY FOR ROAD NO. 87 BY JOHN ARNOLD, COUNTY SURVEYOR, DATED JULY 1, 1980
- R-3 SURVEY FOR ROAD NO. 108 BY J. H. HALEY, COUNTY SURVEYOR, DATED JULY 1, 1984
- R-4 SURVEY FOR DAVIDSON, HYATT, WILSON, AND ARNEY BY W. T. CHALK, COUNTY SURVEYOR, FOR JOHN ARNOLD, DEPUTY, DATED MARCH 31, 1986, AND RECORDED IN BOOK 1, RECORD OF PRIVATE SURVEYS, SURVEY NO. 1, PAGES 110-114 AND 115 (PLAT)
- R-5 SURVEY FOR ROAD NO. 833 1/2 BY C. E. MACOMBER, COUNTY SURVEYOR, DATED APRIL 1, 1982
- R-6 OREGON RIGHT-OF-WAY MAP FOR HIGHWAY NO. 204, MAP NO. 88-23-4, DATED MARCH 1947
- R-7 CORNER CERTIFICATE NO. R-28-R BY BILL WELLS (PLS 1106) DATED DECEMBER, 1979
- R-8 SURVEY NO. 05-198-C BY STEVE HADDOCK (PLS 88298) FOR PAUL PHILLIPS

LEGEND

- ⊙ CALCULATED POINT ONLY - NOTHING FOUND OR SET
- ⊙ FOUND SECTION MONUMENT AS NOTED
- ⊙ SET SECTION MONUMENT AS NOTED
- ⊙ FOUND TRIANGULATION STATION AS NOTED
- ▲ SET RAILROAD SPIKE WITH PUNCH MARK STAMPED "LS 2827" FOR SPB CONTROL POINT
- ⊞ SET 5/8" X 30" STEEL REBAR WITH YELLOW PLASTIC CAP MARKED "L3070...L38287" FOR SPB CONTROL POINT
- SET 5/8" X 24" STEEL REBAR WITH 8" ALUMINUM CAP AT 1/46TH CORNER MARKED AS SHOWN

UMATILLA COUNTY ROAD DEPARTMENT
9420 HESTBATE
PENDLETON, OREGON 97101
PHONE 843/278-8424

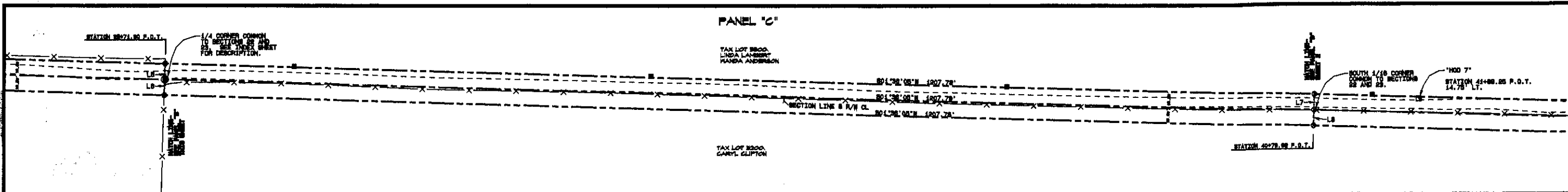
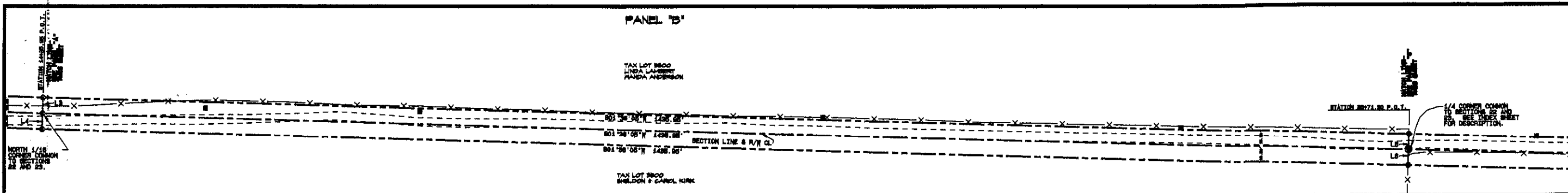
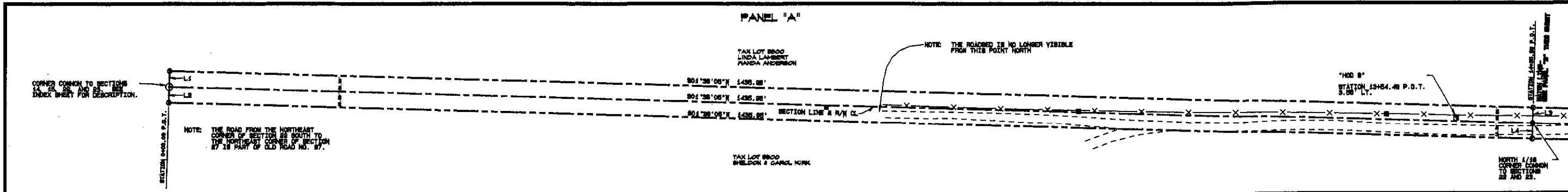
LEGALIZATION/MONUMENTATION SURVEY
HODGSON ROAD
COUNTY ROAD NO. 637

LOCATED IN SECTIONS 22, 23, 27, AND 28
TOWNSHIP 4 NORTH RANGE 38 E. N.M.

DATE OF SURVEY: MAY THROUGH JULY, 2008
MONUMENTS SET MAY THROUGH JULY, 2008

INDEX SHEET

HODGSON ROAD LEGALIZATION/MONUMENTATION SURVEY



LINE TABLE

LINE NO.	BEARING	DISTANCE
L1	888°25'08"E	16.50'
L2	888°25'08"E	16.50'
L3	888°25'08"E	16.50'
L4	888°25'08"E	16.50'
L5	888°25'08"E	16.50'
L6	888°25'08"E	16.50'
L7	888°25'08"E	16.50'
L8	888°25'08"E	16.50'

**REGISTERED
PROFESSIONAL
LAND SURVEYOR**

**OPREH
SURVEYING**

REVISED 12/21/06

STATE PLANE COORDINATES

OREGON NORTH ZONE 3801 - INTERNATIONAL FEET

POINT I.D.	NORTHING	EASTING
N. E. CORNER SEC. 22	784,361.71	8,784,850.08
NORTH 1/16 CORNER SECS. 22/23	788,948.32	8,784,859.93
1/4 CORNER SECS. 22/23	788,810.84	8,784,489.80
SOUTH 1/16 CORNER SECS. 22/23	787,303.83	8,784,436.04
"HOD 7"	787,193.88	8,784,447.73
"HOD 8"	790,027.85	8,784,855.78



- LEGEND**
- CALCULATED POINT ONLY - NOTHING FOUND OR SET
 - ⊙ FOUND SECTION MONUMENT AS NOTED ON INDEX SHEET
 - ⊙ SET SECTION MONUMENT AS NOTED ON INDEX SHEET
 - ⊙ FOUND TRIANGULATION STATION AS NOTED ON INDEX SHEET
 - ▲ SET RAILROAD SPIKE WITH PUNCH MARK STAMPED "LS 2007" FOR SPS CONTROL POINT
 - SET 5/8" X 30" STEEL REBAR WITH YELLOW PLASTIC CAP MARKED "UCPH...LS2007" FOR SPS CONTROL POINT
 - SET 5/8" X 30" STEEL REBAR WITH BLUE PLASTIC CAP MARKED "UCPH...LS2007"
 - SET 5/8" X 24" STEEL REBAR WITH B" ALUMINUM CAP AT 1/16TH CORNER MARKED AS SHOWN ON INDEX SHEET
 - SET 5/8" X 24" STEEL REBAR WITH BLUE PLASTIC CAP MARKED "UCPH...LS2007"
 - POWER POLE
 - BUY WIRE AND ANCHOR
 - ⊖ TELEPHONE PEDENTAL
 - ⊖ CULVERT
 - EDGE ROAD
 - FENCE
 - R/W LINE
 - R/W CENTERLINE

UMATILLA COUNTY ROAD DEPARTMENT
8500 HESTER AVE
MENLOETH, OREGON 97131
PHONE 541/278-8434

LEGALIZATION/MONUMENTATION SURVEY
HODGSON ROAD
COUNTY ROAD NO. 637

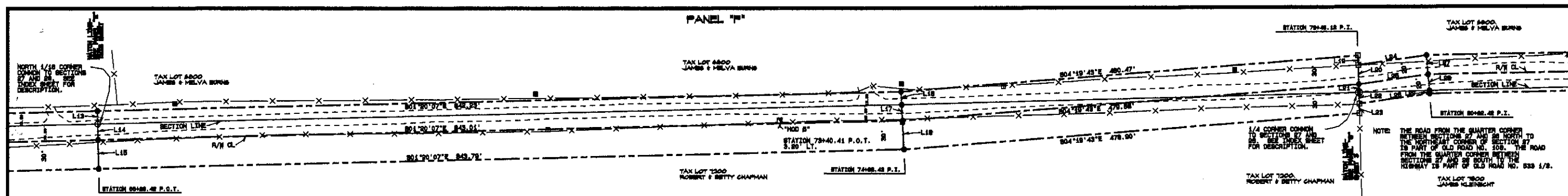
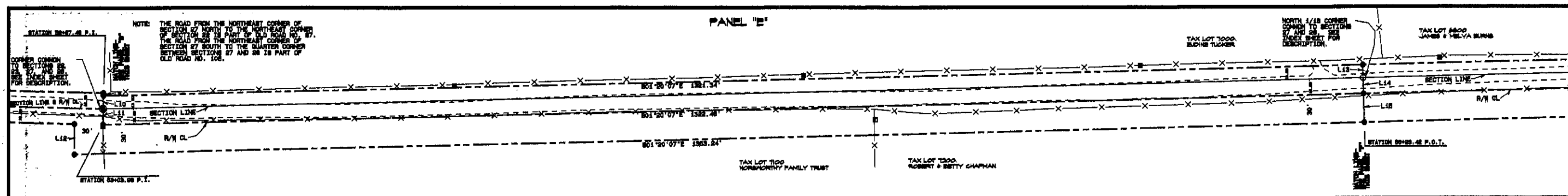
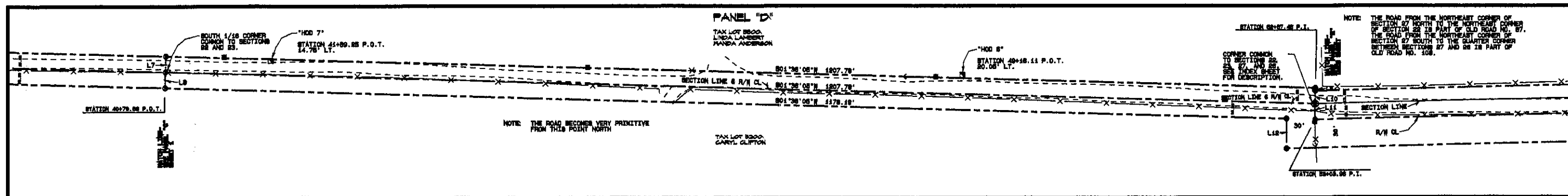
LOCATED IN SECTIONS 22, 23, 27, AND 28
TOWNSHIP 4 NORTH RANGE 36 E.W.M.

DATE OF SURVEY: MAY THROUGH JULY, 2006

MONUMENTS SET MAY THROUGH JULY, 2006

SHEET 1 OF 3

HODGSON ROAD LEGALIZATION/MONUMENTATION SURVEY



LINE TABLE

LINE NO.	BEARING	DISTANCE
L7	S89°23'00"E	18.00'
L8	S89°23'00"E	18.00'
L9	S89°23'00"E	8.98'
L10	S89°23'00"E	13.82'
L11	S89°28'01"E	18.51'
L12	S89°28'01"E	31.58'
L13	S89°28'01"E	13.50'
L14	N88°36'53"E	18.00'
L15	N88°36'53"E	30.00'
L16	N87°10'09"E	13.00'
L17	N87°10'09"E	18.51'
L18	N87°10'09"E	30.01'
L19	N88°36'53"E	9.91'
L20	N88°36'53"E	20.13'
L21	N88°36'53"E	8.98'
L22	N88°36'53"E	11.58'
L23	N88°36'53"E	9.91'
L24	S07°56'59"E	72.81'
L25	S07°56'59"E	73.31'
L26	S07°56'59"E	74.40'
L27	N88°33'00"E	20.04'
L28	N88°33'00"E	18.25'
L29	N88°33'00"E	3.11'

REGISTERED
PROFESSIONAL
LAND SURVEYOR

RENEWED
MAY 2008

RENEWS 12/31/08

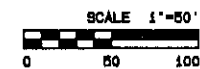
STATE PLANE COORDINATES

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NORTH 1/18 CORNER SECS. 27/28	784,774.84	8,784,433.08
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"HOD 8"	786,486.07	8,784,432.71
"HOD 9"	784,080.84	8,784,436.43
STA 83+03.88 P.I. CL	785,096.38	8,784,385.78
STA 80+08.48 P.O.T. CL	784,774.28	8,784,416.80
STA 74+08.48 P.I. CL	783,931.48	8,784,436.84
STA 80+08.48 P.I. CL	783,380.88	8,784,488.49

LEGEND

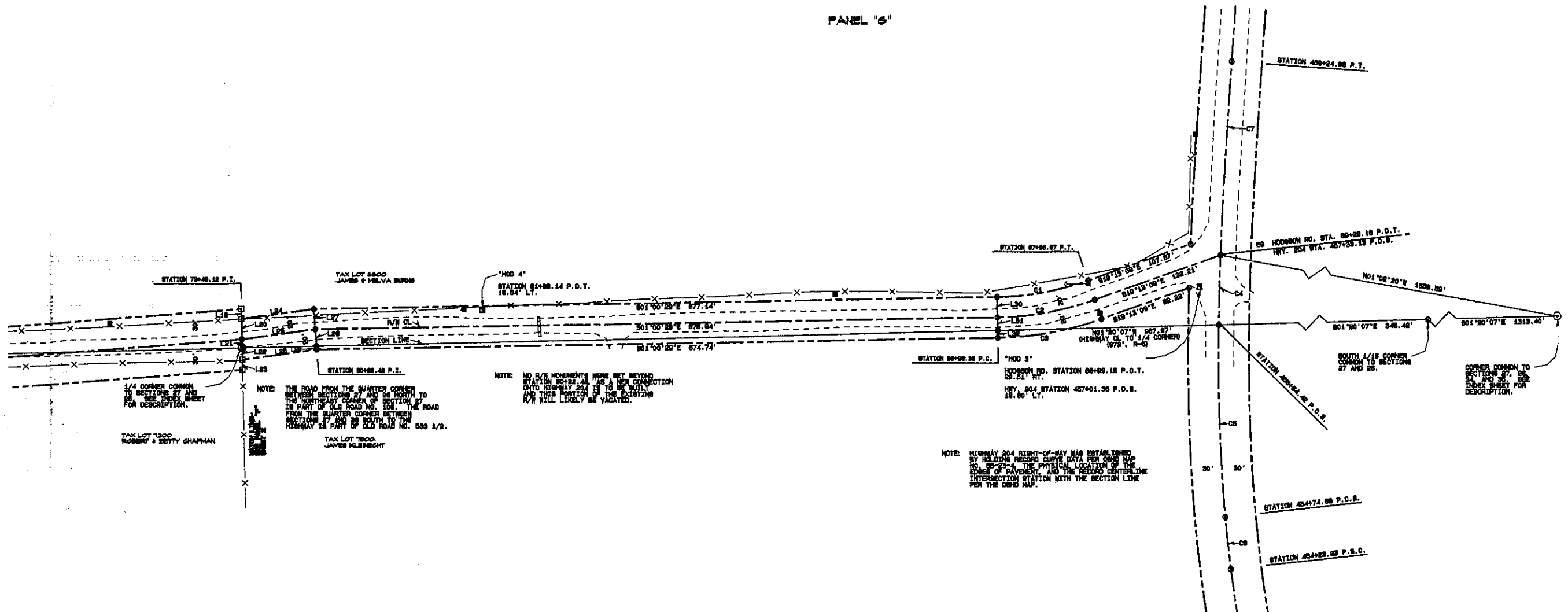
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- ⊗ SET SECTION MONUMENT AS NOTED ON INDEX SHEET
- ⊠ FOUND TRIANGULATION STATION AS NOTED ON INDEX SHEET
- ▲ SET RAILROAD SPIKE WITH PUNCH MARK STAMPED "LS 2827" FOR GPS CONTROL POINT
- ⊠ SET 5/8" X 30" STEEL REBAR WITH YELLOW PLASTIC CAP MARKED "UCPD...L82827" FOR GPS CONTROL POINT
- SET 5/8" X 30" STEEL REBAR WITH BLUE PLASTIC CAP MARKED "UCPD...L82827"
- SET 5/8" X 84" STEEL REBAR WITH 2" ALUMINUM CAP AT 1/18TH CORNER MARKED AS SHOWN ON INDEX SHEET
- SET 5/8" X 64" STEEL REBAR WITH BLUE PLASTIC CAP MARKED "UCPD...L82827"
- POWER POLE
- BUY WIRE AND ANCHOR
- ⊞ TELEPHONE PEDESTAL
- CULVERT
- - - - - EDGE ROAD
- - - - - FENCE
- - - - - R/W LINE
- - - - - R/W CENTERLINE



UMATILLA COUNTY ROAD DEPARTMENT
 8420 WEBB ST
 PENDLETON, OREGON 97001
 PHONE 843/276-8424
 LEGALIZATION/MONUMENTATION SURVEY
 HODGSON ROAD
 COUNTY ROAD NO. 837
 LOCATED IN SECTIONS 22, 23, 27, AND 28
 TOWNSHIP 4 NORTH RANGE 36 E. N.M.
 DATE OF SURVEY: MAY THROUGH JULY, 2008
 MONUMENTS SET MAY THROUGH JULY, 2008
 SHEET 2 OF 3

HODGSON ROAD LEGALIZATION/MONUMENTATION SURVEY

PANEL "S"



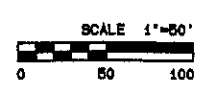
SURVEY NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO DETERMINE THE PHYSICAL LOCATION OF HODGSON ROAD, COUNTY ROAD NO. 637, AND TO SET MONUMENTS AT THE CORNER LOCATIONS. THE NORTHERLY 1/4 CORNER OF THE ROAD FALLS WITHIN THE RECORD RIGHT-OF-WAY OF SECTION 27 AND 28, AND THE SOUTHERLY 1/4 CORNER OF SECTION 27 AND 28 IS LOCATED WITHIN THE RECORD RIGHT-OF-WAY OF SECTION 27 AND 28. THE PLAN IS TO ADDUCE AN ALIGNMENT FROM THE 1/4 CORNER OF SECTION 27 AND 28 TO THE 1/4 CORNER OF SECTION 27 AND 28 IN ORDER TO MOVE THE CONNECTION ONTO HIGHWAY 304 FURTHER EAST TO A SAFER LOCATION.

THE ROAD IS COMPOSED OF THREE DIFFERENT OLD COUNTY ROADS. THE ORIGINAL ROAD, COUNTY ROAD NO. 67, WAS ESTABLISHED IN JANUARY, 1890, BY THE CHALK COUNTY SURVEY. IT RAN FROM THE NORTHEAST CORNER OF SECTION 27 AND 28 TO THE SOUTHWEST CORNER OF SECTION 27 AND 28. THE ROAD WAS ESTABLISHED BY THE CHALK COUNTY SURVEY AS A 40-FOOT WIDE ROAD WITH A 20-FOOT WIDE CENTERLINE. THE ROAD WAS ESTABLISHED AS A 40-FOOT WIDE ROAD WITH A 20-FOOT WIDE CENTERLINE. THE ROAD WAS ESTABLISHED AS A 40-FOOT WIDE ROAD WITH A 20-FOOT WIDE CENTERLINE.

LINE TABLE

LINE NO.	BEARING	DISTANCE
L19	N89°30'53"E	9.91'
L20	N89°30'53"E	20.13'
L21	N89°30'53"E	8.00'
L22	N89°30'53"E	11.08'
L23	N89°30'53"E	9.91'
L24	S07°02'39"E	78.21'
L25	S07°02'39"E	73.31'
L26	S07°02'39"E	74.40'
L27	N89°33'26"E	80.04'
L28	N89°33'26"E	18.03'
L29	N89°33'26"E	3.11'
L30	N89°30'31"E	80.00'
L31	N89°30'31"E	13.04'
L32	N89°30'31"E	5.99'



SPIRAL DATA (RECORD, R-S, AND MEASURED)

LENGTH = 450'
S = 9.100'
e = 0.000

SPIRAL/CHORD BEARINGS AND DISTANCES

CURVE SEGMENT	CHORD BEARING	CHORD DISTANCE
C1	S88°17'30"E	66.72'
C2	N89°43'13"E	186.86'
C3	S88°33'00"E	191.03'

STATE PLANE COORDINATES

OREGON NORTH ZONE 5001 - INTERNATIONAL FEET

POINT I.D.	NORTHING	EASTING
1/4 CORNER BECS. 27/28	783,482.98	5,764,483.90
SOUTH 1/18 CORNER BECS. 27/28	783,139.98	5,764,484.51
NE CORNER BEC. 34	783,826.88	5,764,826.11
"HOD 4"	783,918.14	5,764,501.90
"HOD 3"	783,504.54	5,764,584.01
"HOD 2" (OFF OF PAVE)	782,474.78	5,765,070.60
"HOD 1" (OFF OF PAVE)	782,334.98	5,766,129.27
STA 80+22.42 P.I. CL	783,380.88	5,764,482.48
STA 80+88.38 P.C. CL	782,704.71	5,764,484.38
STA 87+98.87 P.T. CL	782,608.04	5,764,511.63
STA 45+42.28 P.S.C. CL	782,474.08	5,764,645.73
STA 45+74.88 P.C.S. CL	782,479.47	5,764,898.90
STA 45+84.48 P.O.S. CL	782,486.28	5,764,486.48
STA 457+39.13 P.O.S. CL	782,483.20	5,764,898.15
STA 458+24.88 P.T. CL	782,471.68	5,764,748.34

CURVE TABLE

CURVE NO.	DELTA	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	18°12'40"	290.24'	98.25'	S10°08'48"E	91.87'
C2	18°12'40"	310.24'	98.61'	S10°08'48"E	98.20'
C3	18°12'40"	330.24'	104.97'	S10°08'48"E	104.53'
C4	00°00'21"	1438.39'	61.48'	N89°07'47"E	61.48'

S.L.C. CORNER SUMMARY

ORIGINAL S.L.C. SURVEY BY WILLIAM GOELL, DATED 1898

GOELL SET A POINT WITH FOUR S.T. REFERENCES AT THE NORTHEAST CORNER OF SECTION 27. AT A POINT NORTH 40.00 CHAINS FROM THE POINT WITH FOUR S.T. REFERENCES FOR THE 1/4 CORNER BETWEEN SECTIONS 27 AND 28. AT A POINT 20.00 CHAINS FURTHER NORTH HE SET A POINT FOR THE 1/4 CORNER BETWEEN SECTIONS 27 AND 28. AT A POINT 20.00 CHAINS FURTHER NORTH HE SET A POINT FOR THE 1/4 CORNER BETWEEN SECTIONS 27 AND 28. AT A POINT 20.00 CHAINS FURTHER NORTH HE SET A POINT FOR THE 1/4 CORNER BETWEEN SECTIONS 27 AND 28.

LINE BETWEEN SECTIONS 28 AND 23

IN 1890, JOHN ARNOLD, COUNTY SURVEYOR, SURVEYED ROAD NO. 67. HE BEGAN AT THE NORTHEAST CORNER OF SECTION 28 AND RAN SOUTH 81° 15' 00" WEST 78.21 CHAINS TO THE NORTHEAST CORNER OF SECTION 27. HE THEN RAN NORTH 81° 15' 00" EAST 73.31 CHAINS TO THE SOUTHWEST CORNER OF SECTION 27. HE THEN RAN NORTH 81° 15' 00" EAST 74.40 CHAINS TO THE SOUTHWEST CORNER OF SECTION 27. HE THEN RAN NORTH 81° 15' 00" EAST 80.04 CHAINS TO THE SOUTHWEST CORNER OF SECTION 27. HE THEN RAN NORTH 81° 15' 00" EAST 18.03 CHAINS TO THE SOUTHWEST CORNER OF SECTION 27. HE THEN RAN NORTH 81° 15' 00" EAST 3.11 CHAINS TO THE SOUTHWEST CORNER OF SECTION 27. HE THEN RAN NORTH 81° 15' 00" EAST 80.00 CHAINS TO THE SOUTHWEST CORNER OF SECTION 27. HE THEN RAN NORTH 81° 15' 00" EAST 13.04 CHAINS TO THE SOUTHWEST CORNER OF SECTION 27. HE THEN RAN NORTH 81° 15' 00" EAST 5.99 CHAINS TO THE SOUTHWEST CORNER OF SECTION 27.

LINE BETWEEN SECTIONS 27 AND 28

IN 1891, J. H. RALEY, COUNTY SURVEYOR, IN A SURVEY FOR ROAD NO. 108, FOUND THE DISTANCE BETWEEN THE NORTHEAST CORNER OF SECTION 27 AND THE EAST 1/4 CORNER OF SECTION 27 TO BE 20.12 CHAINS. IN 1978, BILL WELLS SET A 3" BRASS CAP AT THE SOUTHWEST CORNER OF SECTION 27 BASED ON REMAINING ORIGINAL EVIDENCE (BEARING TREE STUMP). I FOUND A 5/8" BOLT AND REPLACED IT AS PREVIOUSLY MENTIONED WITH A BRASS CAP AT THE NORTHEAST CORNER OF SECTION 27. AT A POINT 2028.79 FEET NORTH OF THE BRASS CAP I SET A LOW-STANDING BRASS NAIL WHICH IS IN THE POSITION OF BEING REPLACED AND I ACCEPT AS THE BEST EVIDENCE OF THE LOCATION OF THE ORIGINAL CORNER. I HOLD THE LINE BETWEEN THE MONUMENTS AT THE NORTHEAST AND SOUTHWEST CORNERS OF THE SECTION FOR LONGITUDE. THE RESULTING DISTANCES BETWEEN MONUMENTS COMPARE FAVORABLY WITH THE RALEY SURVEY AND THE ORIGINAL GOELL SURVEY.

LEGEND

- ⊙ CALCULATED POINT ONLY - NOTHING FOUND OR SET
- ⊙ FOUND SECTION MONUMENT AS NOTED ON INDEX SHEET
- ⊙ SET SECTION MONUMENT AS NOTED ON INDEX SHEET
- ⊙ FOUND TRIANGULATION STATION AS NOTED ON INDEX SHEET
- ▲ SET RAILROAD BRIDGE WITH PUNCH MARK STAMPED "LS 2827"
- ⊠ SET 5/8" X 30" STEEL REBAR WITH YELLOW PLASTIC CAP MARKED "UCR#...LS2827"
- ⊠ SET 5/8" X 30" STEEL REBAR WITH BLUE PLASTIC CAP MARKED "UCR#...LS2827"
- ⊠ SET 5/8" X 24" STEEL REBAR WITH 9" ALUMINUM CAP AT 1/16TH CORNER MARKED AS SHOWN ON INDEX SHEET
- ⊠ SET 5/8" X 24" STEEL REBAR WITH BLUE PLASTIC CAP MARKED "UCR#...LS2827"
- POWER POLE
- BUY WIRE AND ANCHOR
- TELEPHONE PEDENTRAL
- TELEPHONE CULVERT
- EDGE ROAD
- FENCE
- R/W LINE
- R/W CENTERLINE

REGISTERED PROFESSIONAL LAND SURVEYOR

OFFICE OF THE SURVEYOR
RENEWED 12/31/08

UMATILLA COUNTY ROAD DEPARTMENT
6220 HESTWATE
PENDLETON, OREGON 97150
PHONE 541-278-8434

LEGALIZATION/MONUMENTATION SURVEY
HODGSON ROAD
COUNTY ROAD NO. 637

LOCATED IN SECTIONS 22, 23, 27, AND 28
TOWNSHIP 4 NORTH RANGE 36 E.M.N.

DATE OF SURVEY: MAY THROUGH JULY, 2008

MONUMENTS SET MAY THROUGH JULY, 2008

SHEET 3 OF 3

STATE PLANE COORDINATES

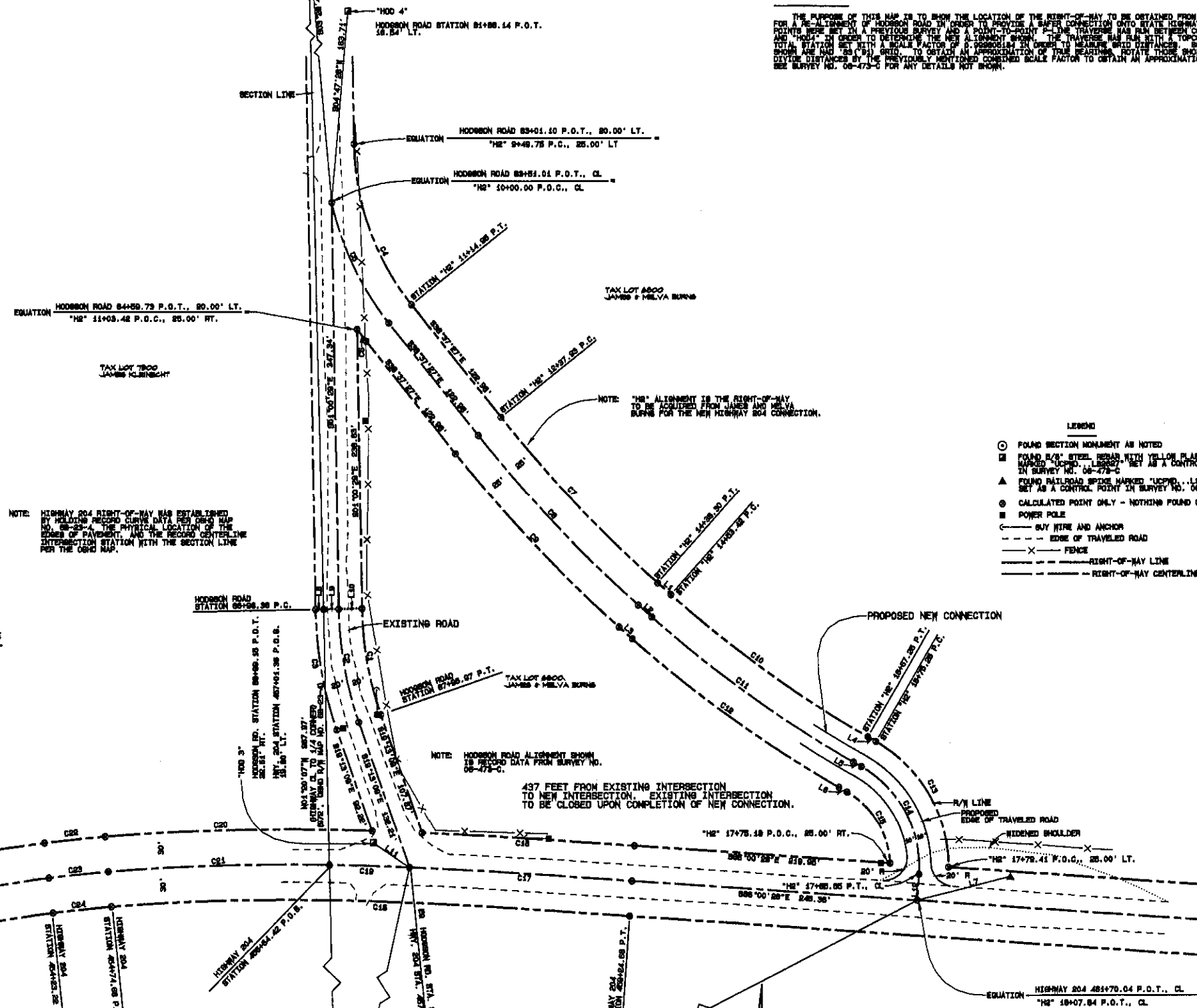
OREGON NORTH ZONE 9801 - INTERNATIONAL FEET - NAD '83 ('84)

POINT I.D.	NORTHING	EASTING
EAST 1/4 CORNER SECTION 27	783,452.98	8,784,483.80
SOUTHEAST CORNER SECTION 27	780,808.98	8,784,585.11
HWY 204 449+73.22 P.C., CL	788,372.43	8,783,907.88
HWY 204 454+83.22 P.C., CL	788,474.08	8,784,548.73
HWY 204 454+74.88 P.C., CL	788,479.47	8,784,298.80
HWY 204 458+84.48 P.C., CL	788,485.28	8,784,486.48
HWY 204 457+93.13 P.C., CL	788,483.20	8,784,588.18
HWY 204 458+84.88 P.T., CL	788,471.88	8,784,748.34
HWY 204 481+70.04 P.C.T., CL	788,454.80	8,784,881.50
"HS" 10+00.00 P.D.C., CL	783,058.00	8,784,486.88
"HS" 11+14.98 P.T., CL	788,948.17	8,784,537.40
"HS" 12+37.93 P.C., CL	788,883.10	8,784,514.18
"HS" 14+38.36 P.T., CL	788,708.03	8,784,788.08
"HS" 14+83.48 P.C., CL	788,898.00	8,784,783.33
"HS" 16+67.88 P.T., CL	788,873.88	8,784,888.54
"HS" 18+78.25 P.C., CL	788,888.88	8,784,543.48
"HS" 17+88.05 P.T., CL	788,478.74	8,784,888.88
HODGSON ROAD 84+88.38 P.C., CL	788,704.71	8,784,484.38
HODGSON ROAD 87+88.87 P.T., CL	788,808.04	8,784,811.83
"HOD8"	788,474.78	8,788,070.88
"HOD9"	788,804.14	8,784,884.01
"HOD4"	783,218.14	8,784,801.85

EAST 1/4 CORNER SECTION 27, FOUND 3" STEEL PIPER WITH ALUMINUM CAP 4" BELOW ROAD SURFACE. SET IN SURVEY NO. 06-473-C.

SURVEY NARRATIVE

THE PURPOSE OF THIS MAP IS TO SHOW THE LOCATION OF THE RIGHT-OF-WAY TO BE OBTAINED FROM JAMES AND MELVA BURNS FOR A REALIGNMENT OF HODGSON ROAD IN ORDER TO PROVIDE A SAFER CONNECTION ONTO STATE HIGHWAY NO. 204. CONTROL POINTS WERE SET IN A PREVIOUS SURVEY AND A POINT-TO-POINT LINE TRAVELERS HAS RUN BETWEEN CONTROL POINTS "HOD8" AND "HOD4" IN ORDER TO DETECT TO THE NEW ALIGNMENT SHOWN. THE TRAVELERS HAS RUN WITH A TOPCON STS-100A THEODOLITE TOTAL STATION SET WITH A SCALE FACTOR OF 0.9999999999 IN ORDER TO MEASURE GRID DISTANCES. BOTH DISTANCES AND BEARINGS SHOWN ARE THE GRID BEARINGS. TO OBTAIN AN APPROXIMATION OF TRUE BEARINGS, ROTATE THOSE SHOWN BY 0.0000001 DEGREES. DIVIDE DISTANCES BY THE PREVIOUSLY MENTIONED SCALE FACTOR TO OBTAIN AN APPROXIMATION OF GROUND DISTANCES. SEE SURVEY NO. 06-473-C FOR ANY DETAILS NOT SHOWN.



NOTE: HIGHWAY 204 RIGHT-OF-WAY WAS ESTABLISHED BY HOLDING RECORD CURVE DATA FOR CURVE NO. 06-23-A. THE PHYSICAL LOCATION OF THE EDGES OF PAVEMENT, AND THE RECORD CENTERLINE INTERSECTION STATION WITH THE SECTION LINE FOR THE OLD MAP.

NOTE: "HS" ALIGNMENT IS THE RIGHT-OF-WAY TO BE ACQUIRED FROM JAMES AND MELVA BURNS FOR THE NEW HIGHWAY 204 CONNECTION.

NOTE: HODGSON ROAD ALIGNMENT SHOWN IS RECORD DATA FROM SURVEY NO. 06-473-C. 437 FEET FROM EXISTING INTERSECTION TO NEW INTERSECTION. EXISTING INTERSECTION TO BE CLOSED UPON COMPLETION OF NEW CONNECTION.

LEGEND

- FOUND SECTION MONUMENT AS NOTED
- FOUND 1/2" STEEL REBAR WITH YELLOW PLASTIC CAP MARKED "UCPD...L88827" SET AS A CONTROL POINT IN SURVEY NO. 06-473-C
- ▲ FOUND RAILROAD SPIKE MARKED "UCPD...L88827" SET AS A CONTROL POINT IN SURVEY NO. 06-473-C
- CALCULATED POINT ONLY - NOTHING FOUND OR SET
- POWER POLE
- GUY WIRE AND ANCHOR
- - - EDGE OF TRAVELED ROAD
- × FENCE
- - - RIGHT-OF-WAY LINE
- - - RIGHT-OF-WAY CENTERLINE

CURVE TABLE

CURVE NO.	DELTA	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	18°18'40"	290.84'	98.85'	S10°08'49"E	81.87'
C2	18°18'40"	310.84'	98.81'	S10°08'49"E	88.80'
C3	18°18'40"	390.84'	104.87'	S10°08'49"E	104.83'
C4	37°36'57"	228.84'	148.78'	S18°48'57"E	148.13'
C5	28°10'30"	281.84'	114.88'	S28°32'11"E	113.98'
C6	08°37'38"	278.84'	18.88'	S97°18'38"E	18.88'
C7	08°48'58"	1148.74'	188.08'	S48°38'58"E	188.84'
C8	08°48'58"	1187.74'	200.87'	S48°38'58"E	200.12'
C9	08°48'58"	1188.74'	204.88'	S48°38'58"E	204.41'
C10	11°38'58"	1038.97'	208.80'	S84°13'44"E	208.44'
C11	11°38'58"	1080.97'	218.84'	S84°13'44"E	218.47'
C12	11°38'58"	1088.87'	218.87'	S84°13'44"E	218.80'
C13	80°28'47"	123.84'	190.81'	S89°48'48"E	184.88'
C14	88°28'41"	88.84'	110.40'	S88°00'19"E	104.78'
C15	87°08'28"	73.84'	74.88'	S81°02'28"E	71.81'
C28	02°08'30"	1488.38'	88.84'	N83°57'47"E	88.84'
C29	02°08'30"	1438.38'	81.48'	N83°57'47"E	81.48'
C34	02°08'30"	1408.38'	80.38'	N83°57'47"E	80.38'

LINE TABLE

LINE NO.	BEARING	DISTANCE
L1	S48°37'14"E	38.12'
L2	S48°37'14"E	38.12'
L3	S48°37'14"E	38.12'
L4	S80°00'08"E	8.00'
L5	S80°00'08"E	8.00'
L6	S80°00'08"E	8.00'
L7	N78°48'31"E	88.30'
L8	N88°59'31"E	8.98'
L9	N88°59'31"E	18.04'
L10	N88°59'31"E	20.00'
L11	S88°08'08"E	37.83'
L12	S03°58'32"E	28.18'

CENTERLINE SPIRAL DATA (BOTH SPIRALS)

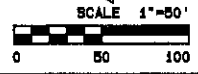
LENGTH = 450'

S = 9.00'

e = 0.000

CURVE NO.	CHORD BEARING	CHORD DISTANCES
C16	S88°00'59"E	188.74'
C17	S88°33'05"E	181.53'
C18	S88°38'29"E	444.80'
C19	S88°47'38"E	88.72'
C20	N88°44'38"E	88.88'
C21	N88°15'13"E	188.85'
C22	N78°06'05"E	484.81'
C26	N78°08'59"E	448.81'
C27	N78°08'02"E	444.80'

REGISTERED PROFESSIONAL LAND SURVEYOR
RENEWS 12/31/08



UMATILLA COUNTY ROAD DEPARTMENT
8120 HESTER AVE
PENDLETON, OREGON 97051
PHONE 843-278-8424

RIGHT-OF-WAY ACQUISITION SURVEY
HODGSON ROAD

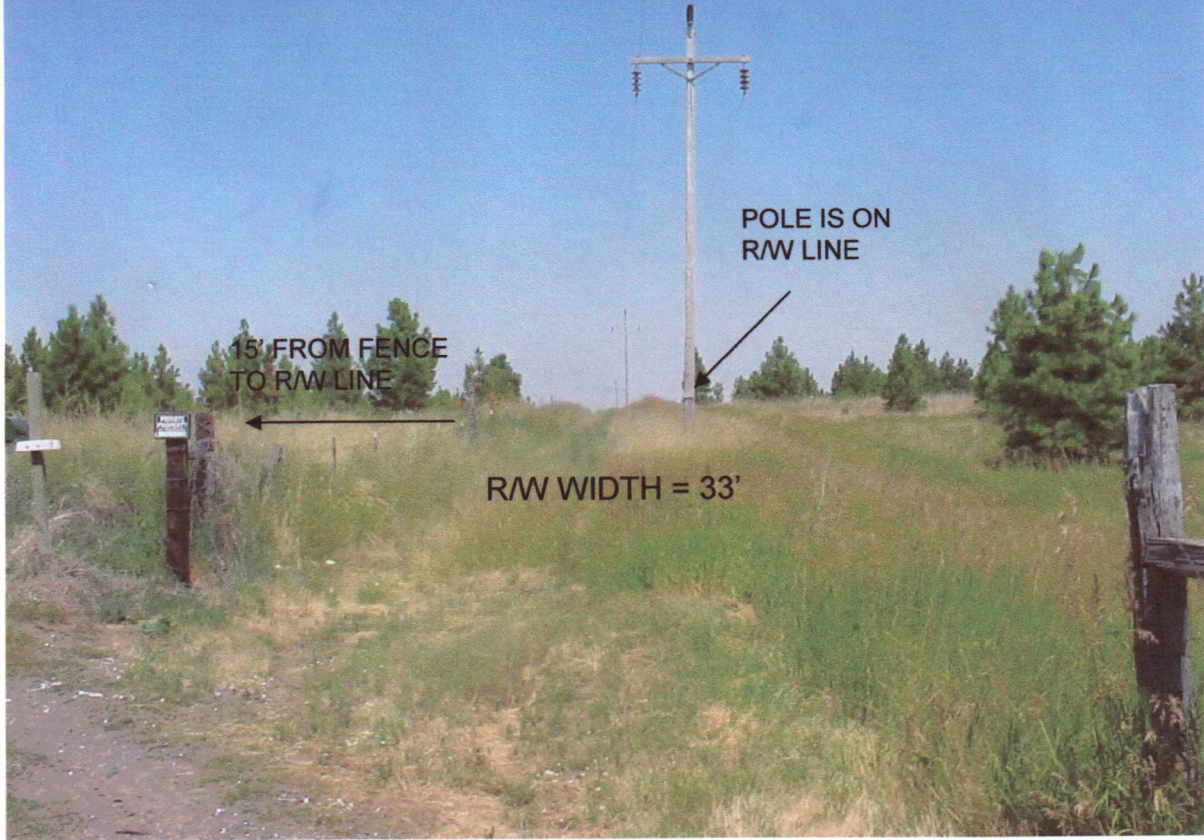
COUNTY ROAD NO. 637

LOCATED IN SECTIONS 28 AND 27
TOWNSHIP 4 NORTH RANGE 36 E. N.M.

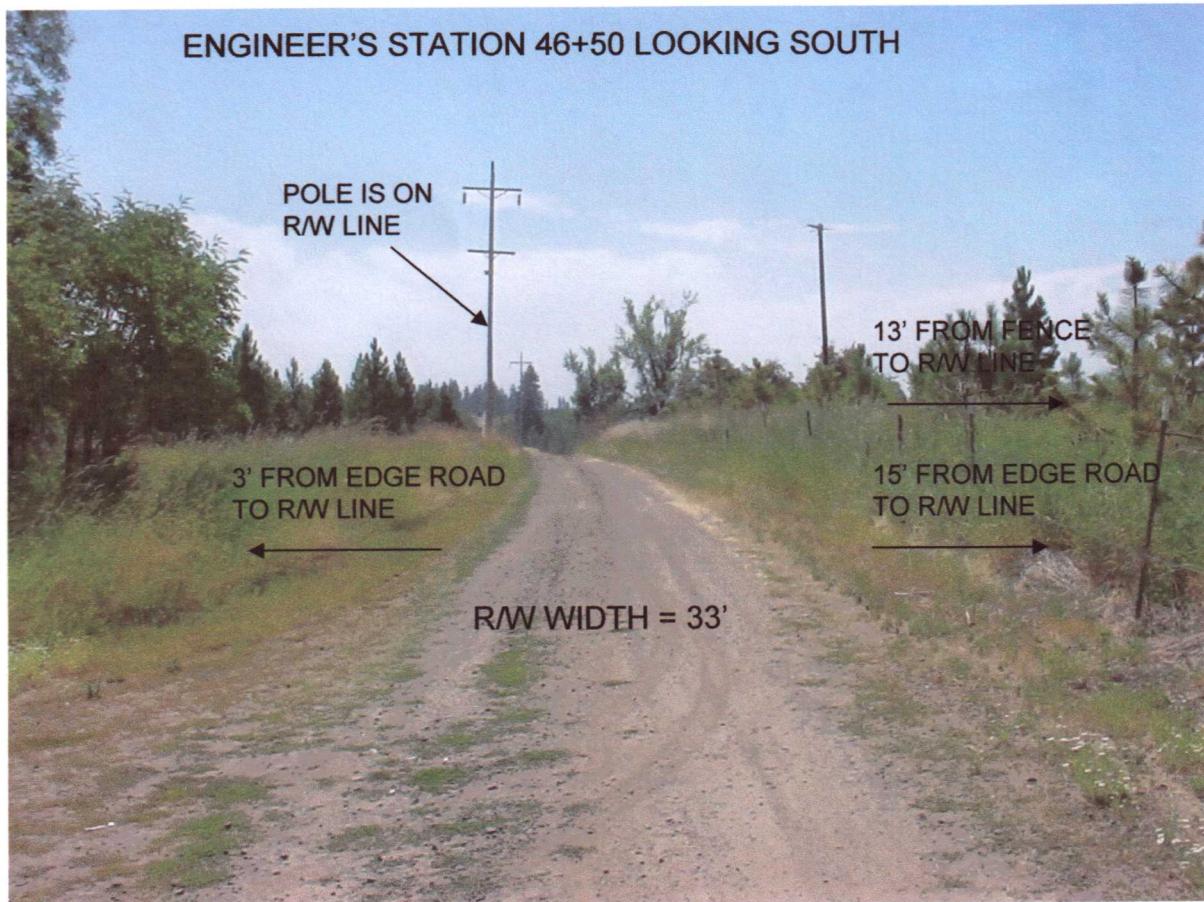
DATE OF SURVEY: AUGUST, 2008

SHEET 1 OF 1

ENGINEER'S STATION 46+50 LOOKING NORTH

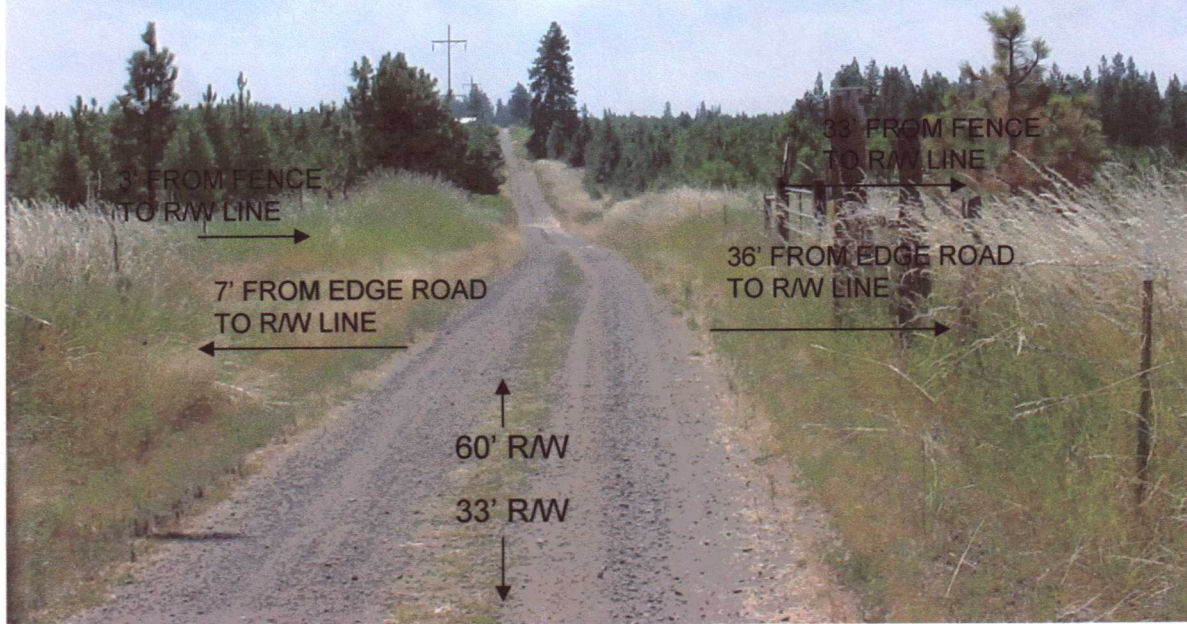


ENGINEER'S STATION 46+50 LOOKING SOUTH

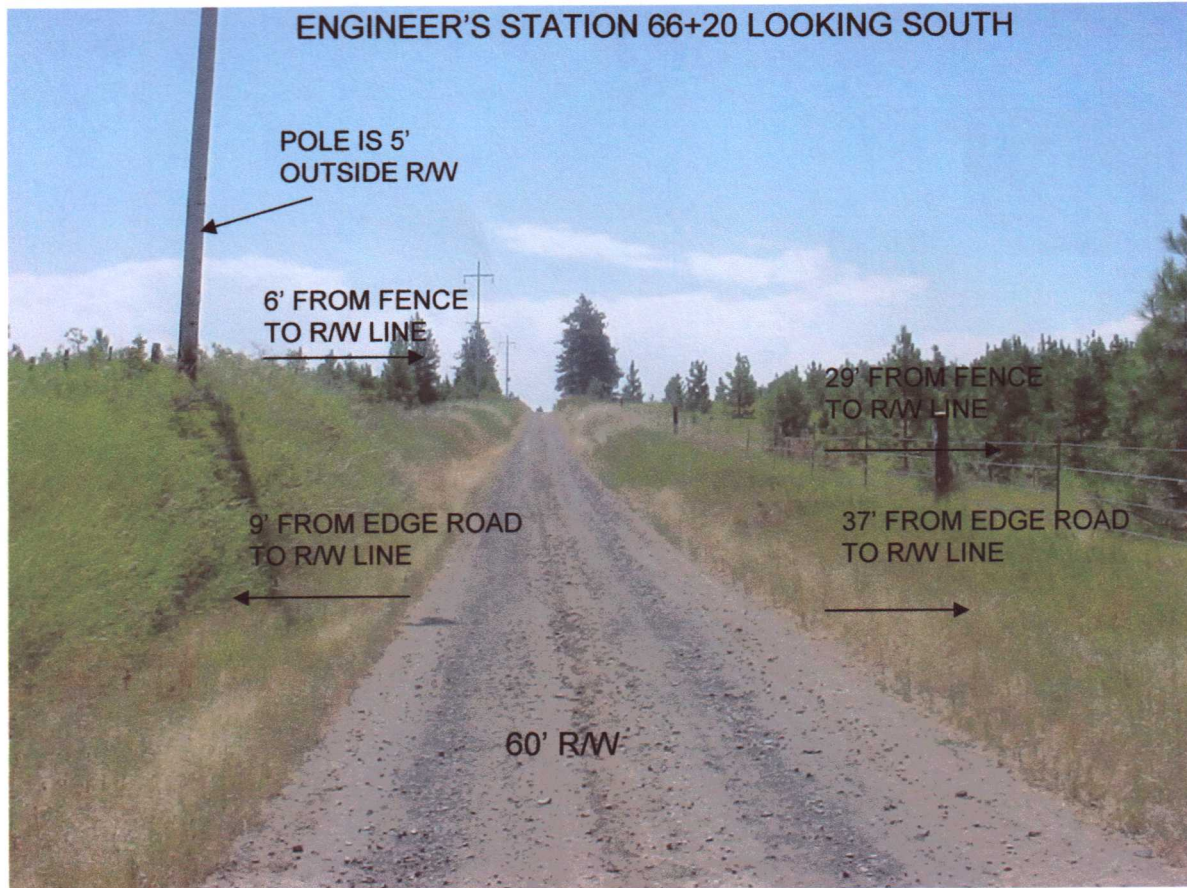


AUGUST 7, 2006

ENGINEER'S STATION 53+00 LOOKING NORTH

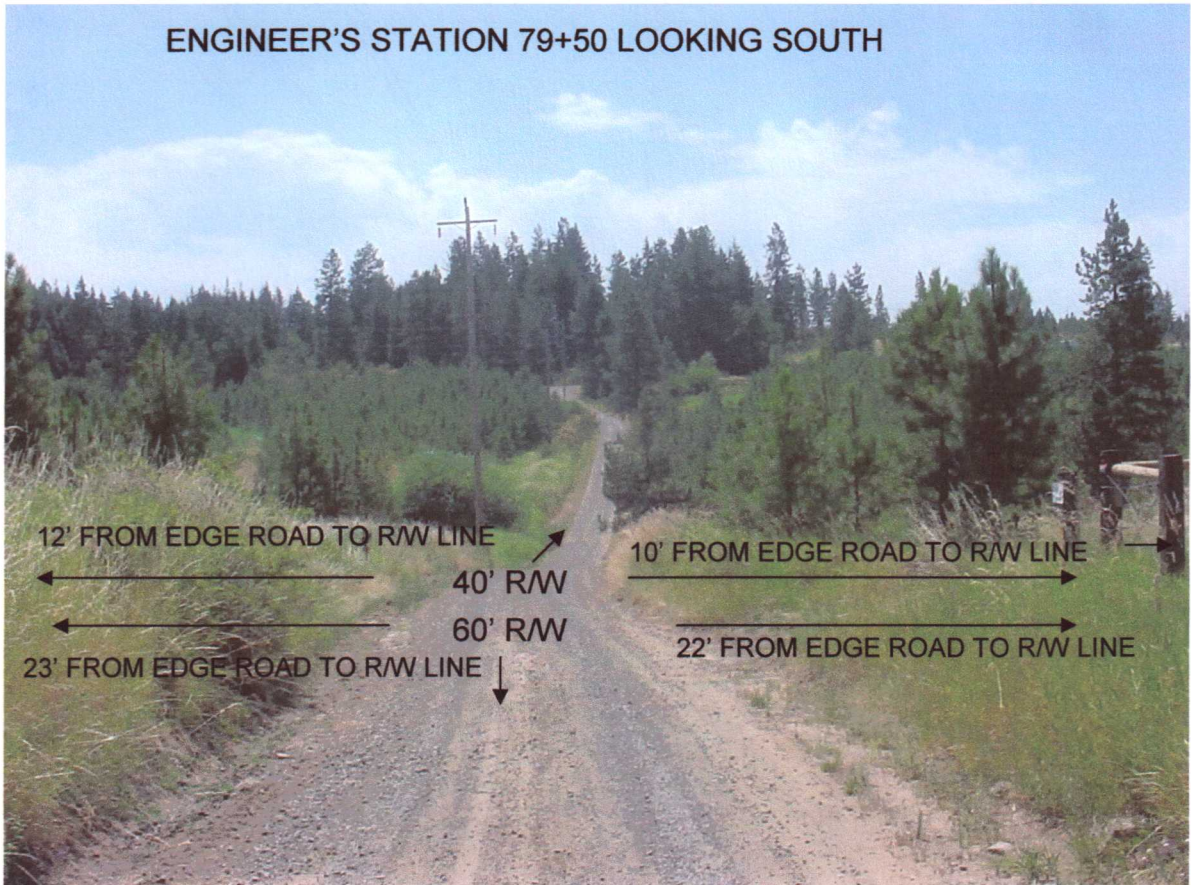
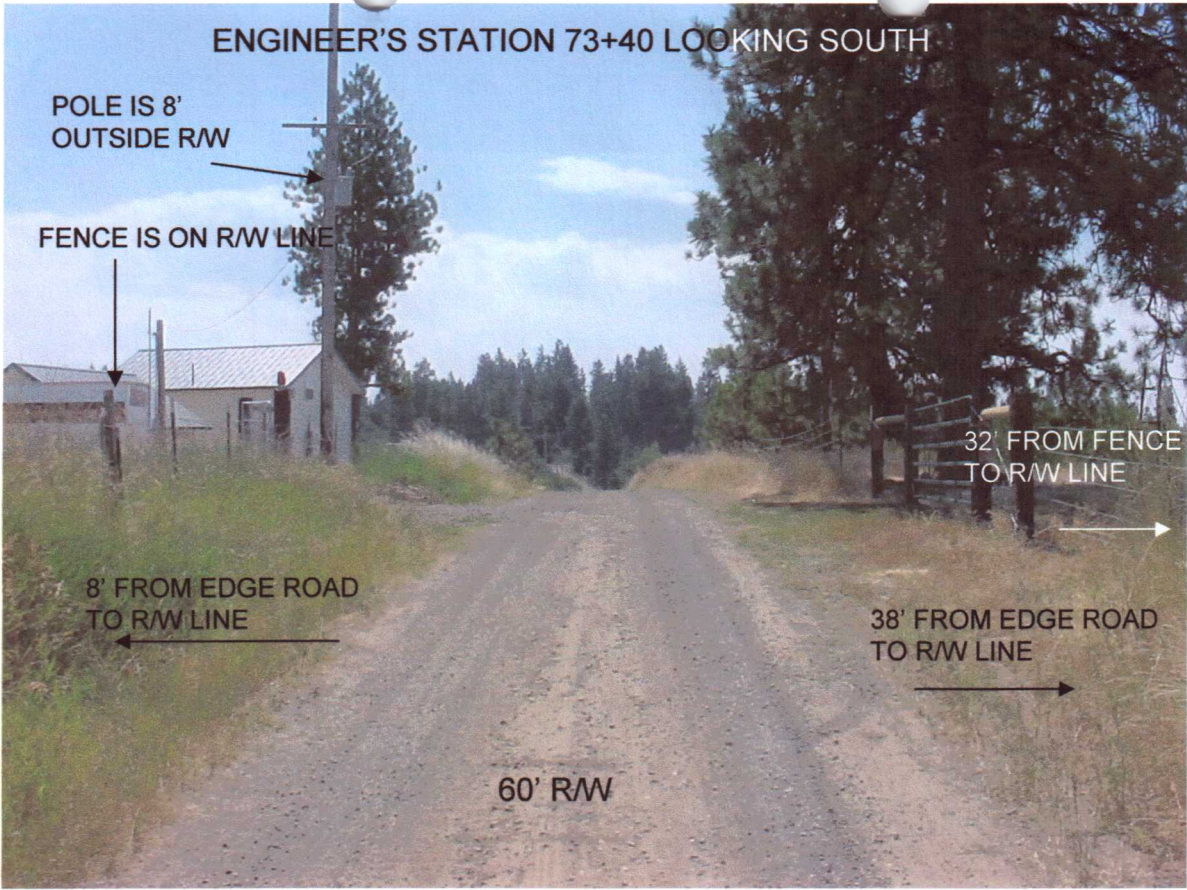


ENGINEER'S STATION 66+20 LOOKING SOUTH



AUGUST 7, 2006

B

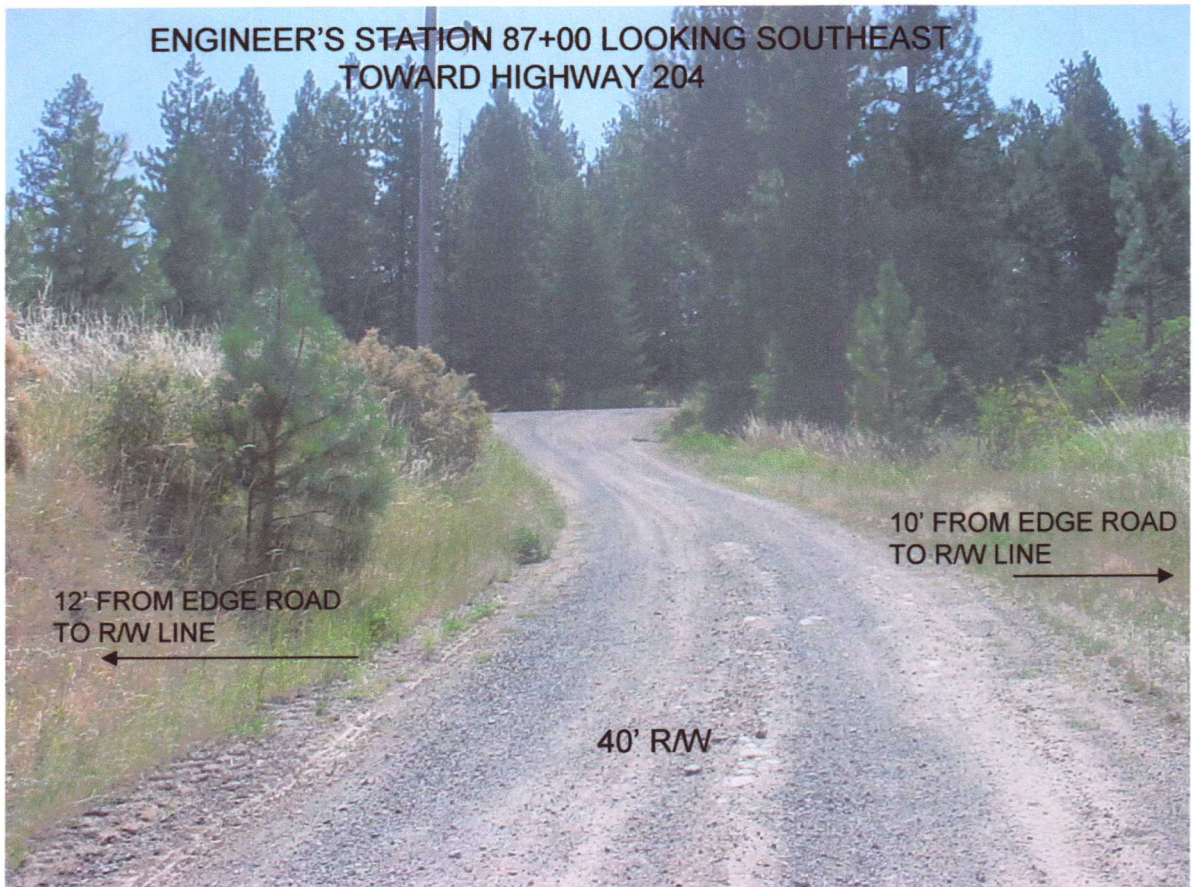


AUGUST 7, 2006

ENGINEER'S STATION 83+50 LOOKING SOUTHEAST ALONG
PROPOSED NEW ALIGNMENT



ENGINEER'S STATION 87+00 LOOKING SOUTHEAST
TOWARD HIGHWAY 204



AUGUST 7, 2006