

SOUTH FORK WALLA WALLA RIVER ROAD RIGHT-OF-WAY SURVEY

Survey Narrative

This survey was performed at the request of the Umatilla County Board of Commissioners to define the location of the traveled road from the west line of Section 10 to the Walla Walla River for a road legalization and from the Walla Walla River to the easterly Harris Park boundary for the purpose of re-classifying it from an interior park road to a county road.

Ralph Thompson surveyed the south line of what is now Tax Lot 3000 in 1971. Bill Wells surveyed the park boundary in 1995, setting the southeast corner of Section 10 (from which most of the property descriptions in the area originate) and found a discrepancy of approximately 159 feet in distance and 9 degrees in bearing between his measurements and Thompson's measurements from the corner to other found monuments in the area. There was also a discrepancy of approximately 46 feet in distance and 3 degrees in bearing between Wells' measurements and those shown on a 1956 survey by Newbill.

Thompson's distance and bearing from the southeast corner of Section 10 to the northeast corner of what is described in deeds as the PP and L Tract (now owned by the Kraemers) was used as a course in the description of a public road that was accepted as a county road by the Board of Commissioners in 1991 (Reel 209, Pages 1329-1331, Deed Records). Also used in the road description were bearings and distances along the road from Newbill's 1956 survey. The bearings on Thompson's survey differ from those on Newbill's Survey by more than 2 degrees, though no correction (rotation) was made to either of the surveys when the courses were combined in the description. Several of Newbill's monuments were tied in this survey, and as can be seen, they don't match the location of the existing road very well.

At this time the locations of the northwest corner, north 1/4 corner, northeast corner, and east 1/4 corner are not known. The west line of Section 10 as shown on this survey is approximate only, as is the easterly park boundary (east line of the southwest 1/4 of the southeast 1/4 of Section 10).

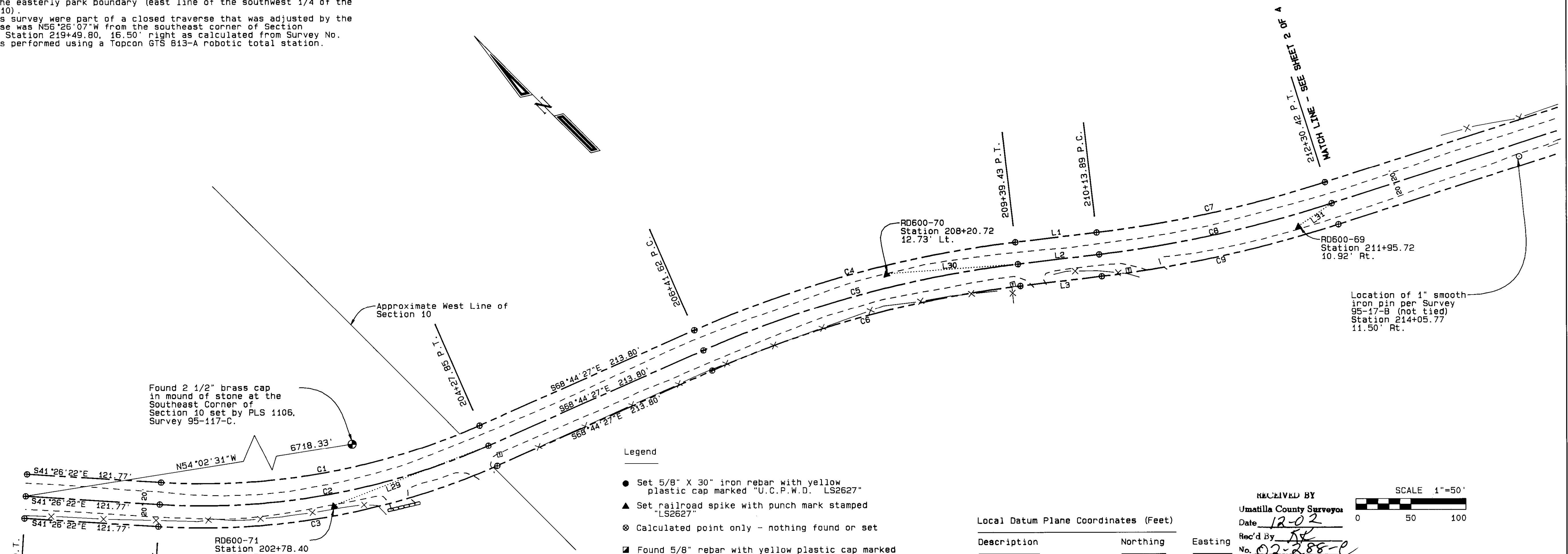
Monuments set in this survey were part of a closed traverse that was adjusted by the Compass Rule. Bearing base was N56°26'07"W from the southeast corner of Section 10 to the monument set at Station 219+49.80, 16.50' right as calculated from Survey No. 95-117-C. This survey was performed using a Topcon GTS B13-A robotic total station.

Curve Table

Curve No.	Delta	Radius	Arc Length	Chord Bearing	Chord Length
C1	27°18'05"	622.34'	296.54'	S55°05'25"E	293.75'
C2	27°18'05"	642.34'	306.07'	S55°05'25"E	303.19'
C3	27°18'05"	662.34'	315.60'	S55°05'25"E	312.63'
C4	17°03'20"	1020.36'	303.74'	S60°12'47"E	302.62'
C5	17°03'20"	1000.36'	297.78'	S60°12'47"E	296.68'
C6	17°03'20"	980.36'	291.83'	S60°12'47"E	290.75'
C7	11°02'06"	1104.25'	212.68'	S57°12'10"E	212.35'
C8	11°02'06"	1124.25'	216.53'	S57°12'10"E	216.19'
C9	11°02'06"	1144.25'	220.38'	S57°12'10"E	220.04'

Line Table

Line No.	Distance	Bearing
L1	74.46'	S51°41'07"E
L2	74.46'	S51°41'07"E
L3	74.46'	S51°41'07"E
L29	150.71'	S66°05'30"E
L30	120.08'	S49°00'29"E
L31	36.53'	S79°13'25"E



Found 2 1/2" brass cap in mound of stone at the Southeast Corner of Section 10 set by PLS 1106, Survey 95-117-C.

Approximate West Line of Section 10

Legend

- Set 5/8" X 30" iron rebar with yellow plastic cap marked "U.C.P.W.D. L52627"
- ▲ Set railroad spike with punch mark stamped "L52627"
- ⊙ Calculated point only - nothing found or set
- Found 5/8" rebar with yellow plastic cap marked "W. R. Wells... PLS 1106" set in Survey #95-117-C
- Found 1/2" rebar set by Thompson, Survey #6-19-C
- Found 1/2" smooth iron pin set by Newbill, Survey #8-749-A
- Found monument as noted
- ⊞ Telephone pedestal

Traverse Line Data

From Point	To Point	Distance	Bearing
RD600-71	RD600-70	544.84'	S67°38'42"E
RD600-70	RD600-69	377.20'	S51°25'31"E
RD600-69	RD600-68	445.15'	S66°00'55"E

Deed Records

Reel 398 Page 0066	Tax Lot 3001
Book 319 Page 89	Tax Lot 3000

Survey Records

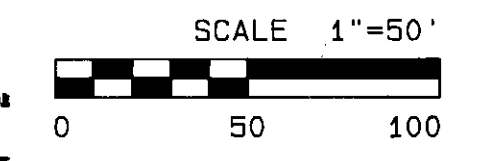
- R-1 1995 Survey by Wells for Umatilla County, Survey #95-117-C
- R-2 1995 Survey by Tompkins for Sargent and Schillberg, Survey #95-17-B
- R-3 1971 Survey by Thompson for Umatilla County, Survey #6-19-C
- R-4 1956 Survey by Newbill for Cowan, Survey #8-749-A

Local Datum Plane Coordinates (Feet)

Description	Northing	Easting
SE Corner Section 10	50,096.97	50,128.60
RD600-71	53,838.22	44,881.92
RD600-70	53,630.99	45,385.81
RD600-69	53,395.79	45,680.70
RD600-68	53,214.84	46,087.42
200+00.00 P.O.T. CL	54,041.93	44,690.48
201+21.77 P.C. CL	53,950.65	44,771.07
204+27.85 P.T. CL	53,777.14	45,019.70
206+41.62 P.C. CL	53,699.61	45,218.95
209+39.43 P.T. CL	53,552.23	45,476.44
210+13.89 P.C. CL	53,506.07	45,534.86
212+30.42 P.T. CL	53,388.96	45,716.59

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Gary R. Roberts
JULY 20, 1993
GARY R. ROBERTS
2627
RENEWS 12/31/2002

RECEIVED BY
Umatilla County Surveyor
Date 12-02
Rec'd by [Signature]
No. 02-288-C



Umatilla County Road Department
3920 Westgate
Pendleton, Oregon 97801
Phone 541/278-5424

Legalization/Right-of-Way
Monumentation Survey

County Road No.600
South Fork Walla Walla River Road

Located in Sections 9 and 10
Township 4 North, Range 37 E.W.M.

Sheet 1 of 4 Date of Survey: November, 2002

SOUTH FORK WALLA WALLA RIVER ROAD RIGHT-OF-WAY SURVEY

Curve Table

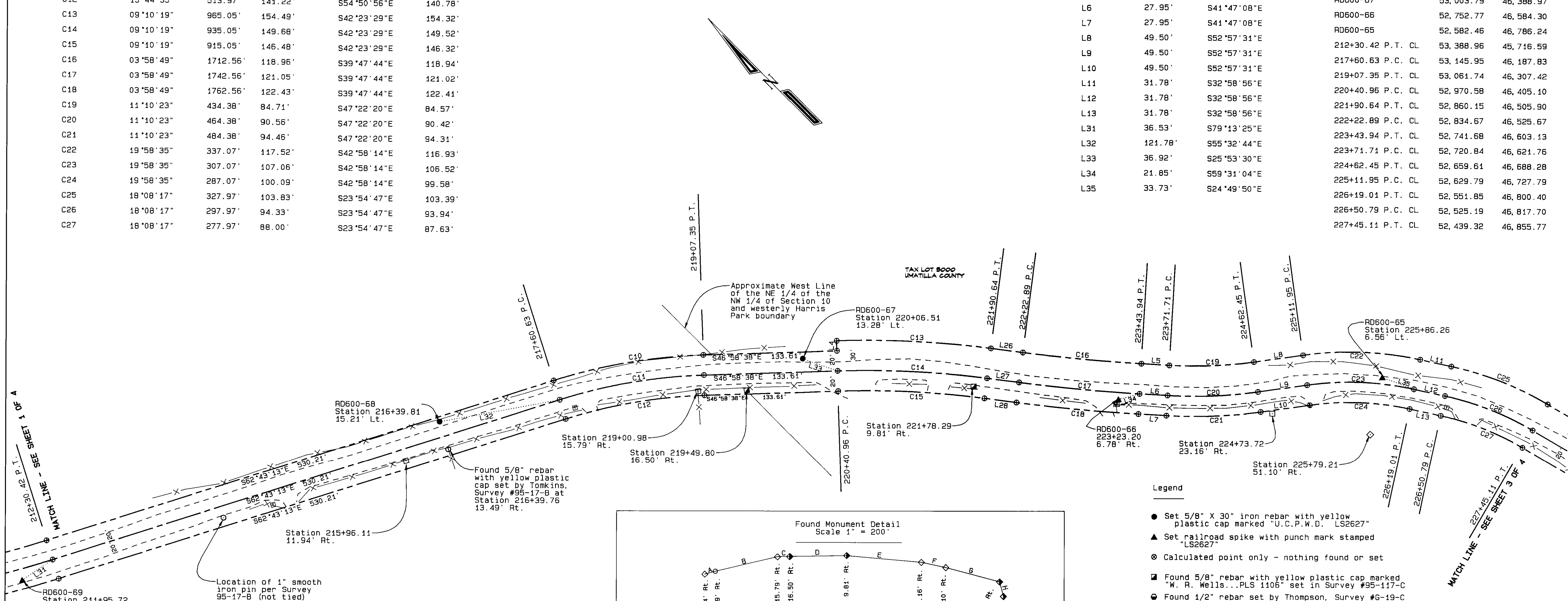
Curve No.	Delta	Radius	Arc Length	Chord Bearing	Chord Length
C10	15°44'35"	553.97'	152.21'	S54°50'56"E	151.74'
C11	15°44'35"	533.97'	146.72'	S54°50'56"E	146.26'
C12	15°44'35"	513.97'	141.22'	S54°50'56"E	140.78'
C13	09°10'19"	965.05'	154.49'	S42°23'29"E	154.32'
C14	09°10'19"	935.05'	149.68'	S42°23'29"E	149.52'
C15	09°10'19"	915.05'	146.48'	S42°23'29"E	146.32'
C16	03°58'49"	1712.56'	118.96'	S39°47'44"E	118.94'
C17	03°58'49"	1742.56'	121.05'	S39°47'44"E	121.02'
C18	03°58'49"	1762.56'	122.43'	S39°47'44"E	122.41'
C19	11°10'23"	434.38'	84.71'	S47°22'20"E	84.57'
C20	11°10'23"	464.38'	90.56'	S47°22'20"E	90.42'
C21	11°10'23"	484.38'	94.46'	S47°22'20"E	94.31'
C22	19°58'35"	337.07'	117.52'	S42°58'14"E	116.93'
C23	19°58'35"	307.07'	107.06'	S42°58'14"E	106.52'
C24	19°58'35"	287.07'	100.09'	S42°58'14"E	99.58'
C25	18°08'17"	327.97'	103.83'	S23°54'47"E	103.39'
C26	18°08'17"	297.97'	94.33'	S23°54'47"E	93.94'
C27	18°08'17"	277.97'	88.00'	S23°54'47"E	87.63'

Line Table

Line No.	Distance	Bearing
L4	10.00'	N43°01'22"E
L5	27.95'	S41°47'08"E
L6	27.95'	S41°47'08"E
L7	27.95'	S41°47'08"E
L8	49.50'	S52°57'31"E
L9	49.50'	S52°57'31"E
L10	49.50'	S52°57'31"E
L11	31.78'	S32°58'56"E
L12	31.78'	S32°58'56"E
L13	31.78'	S32°58'56"E
L31	36.53'	S79°13'25"E
L32	121.78'	S55°32'44"E
L33	36.92'	S25°53'30"E
L34	21.85'	S59°31'04"E
L35	33.73'	S24°49'50"E

Local Datum Plane Coordinates (Feet)

Description	Northing	Easting
RD600-69	53,395.79	45,680.70
RD600-68	53,214.84	46,087.42
RD600-67	53,003.79	46,388.97
RD600-66	52,752.77	46,584.30
RD600-65	52,582.46	46,786.24
212+30.42 P.T. CL	53,388.96	45,716.59
217+60.63 P.C. CL	53,145.95	46,187.83
219+07.35 P.T. CL	53,061.74	46,307.42
220+40.96 P.C. CL	52,970.58	46,405.10
221+90.64 P.T. CL	52,860.15	46,505.90
222+22.89 P.C. CL	52,834.67	46,525.67
223+43.94 P.T. CL	52,741.68	46,603.13
223+71.71 P.C. CL	52,720.84	46,621.76
224+62.45 P.T. CL	52,659.61	46,688.28
225+11.95 P.C. CL	52,629.79	46,727.79
226+19.01 P.T. CL	52,551.85	46,800.40
226+50.79 P.C. CL	52,525.19	46,817.70
227+45.11 P.T. CL	52,439.32	46,855.77



Legend

- Set 5/8" X 30" iron rebar with yellow plastic cap marked "U.C.P.W.D. L52627"
- ▲ Set railroad spike with punch mark stamped "LS2627"
- ⊙ Calculated point only - nothing found or set
- Found 5/8" rebar with yellow plastic cap marked "W. R. Wells...PLS 1106" set in Survey #95-117-C
- Found 1/2" rebar set by Thompson, Survey #6-19-C
- Found 1/2" smooth iron pin set by Newbill, Survey #0-749-A
- Found monument as noted
- ⊞ Telephone pedestal
- ⊞⊞⊞⊞⊞⊞ Culvert pipe
- X— Fence
- - - - - Edge road
- — — — — R/W Line
- — — — — Centerline

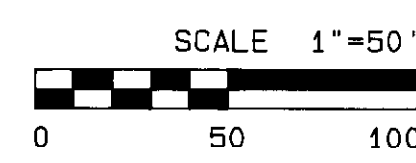
REGISTERED
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LAND SURVEYOR
Gary R. Roberts
JULY 20, 1993
GARY R. ROBERTS
2627
RENEWS 12/31/2002

Found Monument Detail
Scale 1" = 200'

LINE NO.	BEARING	DISTANCE	RECORD BEARING	RECORD DISTANCE	SURVEY RECORD
A	S60°41'14"E	43.67'	N60°46'59"W	43.67'	R-2
B	S58°13'24"E	256.30'	S58°13'31"E	256.34'	R-2
C	S46°11'32"E	48.64'	S46°08'36"E	256.34'	R-1
D	S46°08'53"E	226.58'	S46°08'36"E	226.60'	R-1
E	S40°02'04"E	299.62'	S40°01'31"E	299.52'	R-1
F	S33°00'54"E	99.84'	S30°30'E	300.0'	R-4
G	S30°16'59"E	222.43'	S30°16'37"E	222.45'	R-1
H	S30°10'12"W	60.90'	S30°09'52"W	60.90'	R-1

Traverse Line Data

From Point	To Point	Distance	Bearing
RD600-69	RD600-68	445.15'	S66°00'55"E
RD600-68	RD600-67	368.07'	S55°00'49"E
RD600-67	RD600-66	318.06'	S37°53'12"E
RD600-66	RD600-65	264.17'	S49°51'22"E
RD600-65	RD600-64	359.69'	S22°42'17"E



Survey Records

R-1	1995 Survey by Wells for Umatilla County, Survey #95-117-C
R-2	1995 Survey by Tompkins for Sargent and Schillberg, Survey #95-17-B
R-3	1971 Survey by Thompson for Umatilla County, Survey #6-19-C
R-4	1956 Survey by Newbill for Cowan, Survey #0-749-A

Deed Records

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Legalization/Right-of-Way
Monumentation Survey

County Road No. 600
South Fork Walla Walla River Road

Located in Sections 9 and 10
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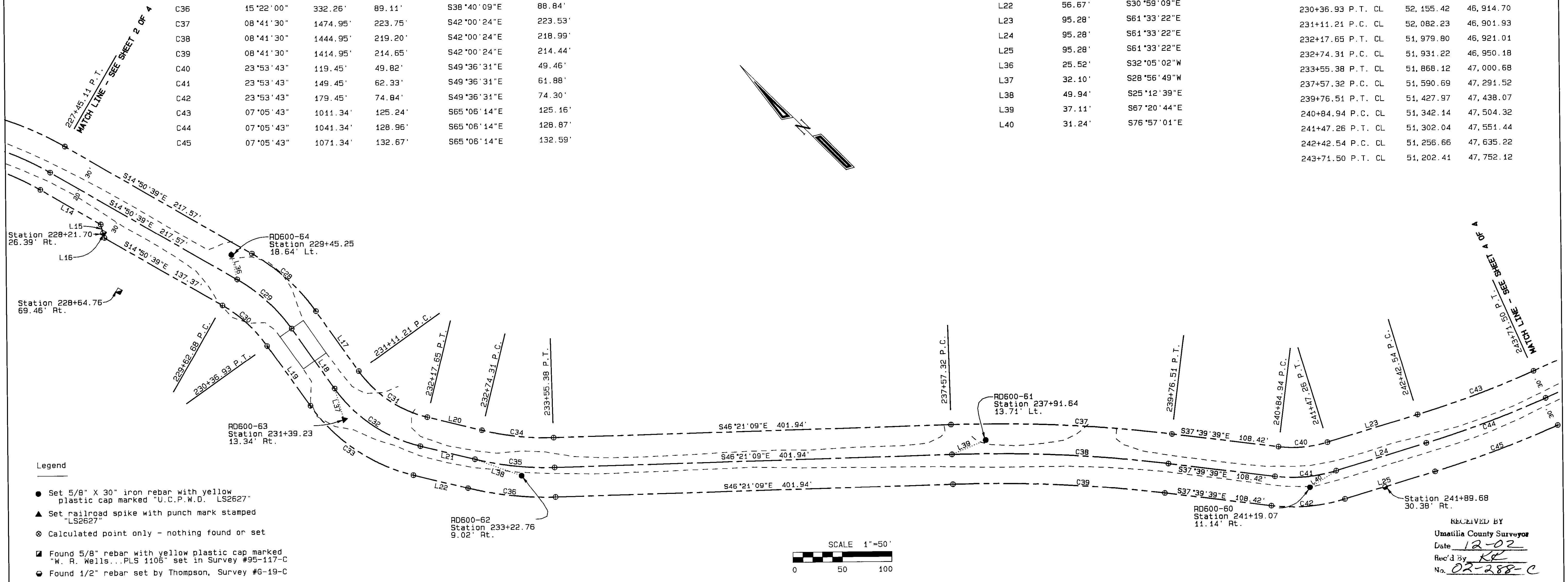
Curve No.	Delta	Radius	Arc Length	Chord Bearing	Chord Length
C28	24°44'09"	201.97'	87.20'	S02°28'35"E	86.52'
C29	24°44'09"	171.97'	74.24'	S02°28'35"E	73.67'
C30	24°44'09"	141.97'	61.29'	S02°28'35"E	60.82'
C31	40°52'39"	119.18'	85.03'	S10°32'49"E	83.24'
C32	40°52'39"	149.18'	106.44'	S10°32'49"E	104.19'
C33	40°52'39"	179.18'	127.84'	S10°32'49"E	125.14'
C34	15°22'00"	272.26'	73.02'	S38°40'09"E	72.80'
C35	15°22'00"	302.26'	81.07'	S38°40'09"E	80.82'
C36	15°22'00"	332.26'	89.11'	S38°40'09"E	88.84'
C37	08°41'30"	1474.95'	223.75'	S42°00'24"E	223.53'
C38	08°41'30"	1444.95'	219.20'	S42°00'24"E	218.99'
C39	08°41'30"	1414.95'	214.65'	S42°00'24"E	214.44'
C40	23°53'43"	119.45'	49.82'	S49°36'31"E	49.46'
C41	23°53'43"	149.45'	62.33'	S49°36'31"E	61.88'
C42	23°53'43"	179.45'	74.84'	S49°36'31"E	74.30'
C43	07°05'43"	1011.34'	125.24'	S65°06'14"E	125.16'
C44	07°05'43"	1041.34'	128.96'	S65°06'14"E	128.87'
C45	07°05'43"	1071.34'	132.67'	S65°06'14"E	132.59'

Line Table

Line No.	Distance	Bearing
L14	70.21'	S14°50'39"E
L15	9.03'	S30°10'11"W
L16	5.11'	S30°10'11"W
L17	74.29'	S09°53'30"W
L18	74.29'	S09°53'30"W
L19	74.29'	S09°53'30"W
L20	56.67'	S30°59'09"E
L21	56.67'	S30°59'09"E
L22	56.67'	S30°59'09"E
L23	95.28'	S61°33'22"E
L24	95.28'	S61°33'22"E
L25	95.28'	S61°33'22"E
L36	25.52'	S32°05'02"W
L37	32.10'	S28°56'49"W
L38	49.94'	S25°12'39"E
L39	37.11'	S67°20'44"E
L40	31.24'	S76°57'01"E

Local Datum Plane Coordinates (Feet)

Description	Northing	Easting
RD600-64	52,250.64	46,925.07
RD600-63	52,054.15	46,886.40
RD600-62	51,886.04	46,971.45
RD600-61	51,576.40	47,325.76
RD600-60	51,309.10	47,521.01
227+45.11 P.T. CL	52,439.32	46,855.77
229+62.68 P.C. CL	52,229.02	46,911.51
230+36.93 P.T. CL	52,155.42	46,914.70
231+11.21 P.C. CL	52,082.23	46,901.93
232+17.65 P.T. CL	51,979.80	46,921.01
232+74.31 P.C. CL	51,931.22	46,950.18
233+55.38 P.T. CL	51,868.12	47,000.68
237+57.32 P.C. CL	51,590.69	47,291.52
239+76.51 P.T. CL	51,427.97	47,438.07
240+84.94 P.C. CL	51,342.14	47,504.32
241+47.26 P.T. CL	51,302.04	47,551.44
242+42.54 P.C. CL	51,256.66	47,635.22
243+71.50 P.T. CL	51,202.41	47,752.12



- Legend**
- Set 5/8" X 30" iron rebar with yellow plastic cap marked "U.C.P.W.D. LS2627"
 - ▲ Set railroad spike with punch mark stamped "LS2627"
 - ⊙ Calculated point only - nothing found or set
 - Found 5/8" rebar with yellow plastic cap marked "W. R. Wells... PLS 1105" set in Survey #95-117-C
 - Found 1/2" rebar set by Thompson, Survey #6-19-C
 - Found 1/2" smooth iron pin set by Newbill, Survey #0-749-A
 - Found monument as noted
 - ☐ Telephone pedestal
 - ⊗ Culvert pipe
 - X— Fence
 - - - Edge road
 - R/W Line
 - Centerline

Survey Records

Record No.	Survey Description
R-1	1995 Survey by Wells for Umatilla County, Survey #95-117-C
R-2	1995 Survey by Tompkins for Sargent and Schillberg, Survey #95-17-B
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R-4	1956 Survey by Newbill for Cowan, Survey #0-749-A

Traverse Line Data

From Point	To Point	Distance	Bearing
RD600-65	RD600-64	359.69'	S22°42'17"E
RD600-64	RD600-63	200.26'	S11°08'01"W
RD600-63	RD600-62	188.39'	S26°50'13"E
RD600-62	RD600-61	470.55'	S48°50'57"E
RD600-61	RD600-60	331.02'	S36°08'45"E
RD600-60	RD600-59	455.82'	S65°43'07"E

Deed Records
 Reel 398 Page 0066 Tax Lot 3001
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REGISTERED PROFESSIONAL LAND SURVEYOR
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 JUL 20 1993
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Legalization/Right-of-Way Monumentation Survey

County Road No. 600
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 Located in Sections 9 and 10
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Sheet 3 of 4 Date of Survey: November, 2002

SOUTH FORK WALLA WALLA RIVER ROAD RIGHT-OF-WAY SURVEY

Line Table

Line No.	Distance	Bearing
L41	42.03'	S57°33'25"E
L42	117.47'	N81°15'57"E
L43	154.73'	S68°38'40"E

Curve Table

Curve No.	Delta	Radius	Arc Length	Chord Bearing	Chord Length
C46	23°12'00"	383.72'	155.37'	S80°15'05"E	154.31'
C47	23°12'00"	413.72'	167.52'	S80°15'05"E	166.38'
C48	23°12'00"	443.72'	179.67'	S80°15'05"E	178.44'
C49	29°20'36"	388.78'	199.11'	S77°10'47"E	196.94'
C50	29°20'36"	358.78'	183.74'	S77°10'47"E	181.74'
C51	29°20'36"	328.78'	168.38'	S77°10'47"E	166.55'

Traverse Line Data

From Point	To Point	Distance	Bearing
RD600-60	RD600-58	455.82'	S65°43'07"E
RD600-59	RD600-58	421.39'	S88°36'24"E
RD600-58	RD600-57	153.00'	N77°13'00"E

Local Datum Plane Coordinates (Feet)

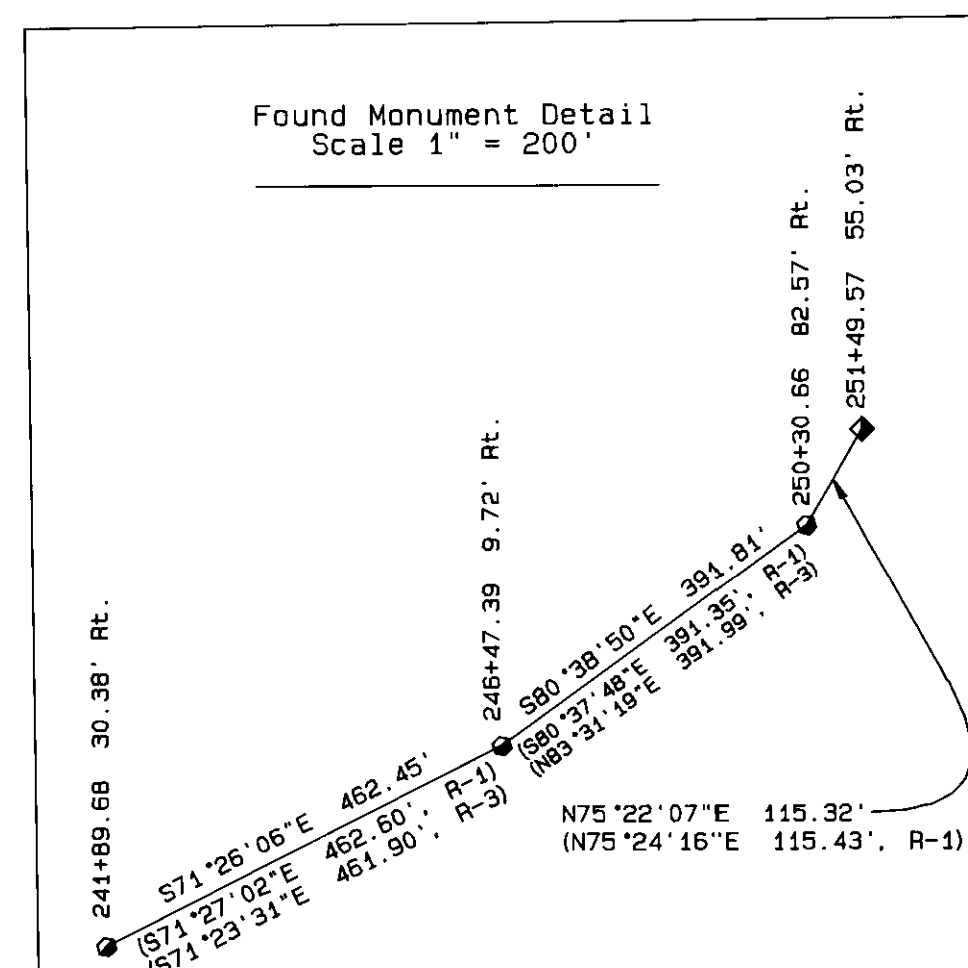
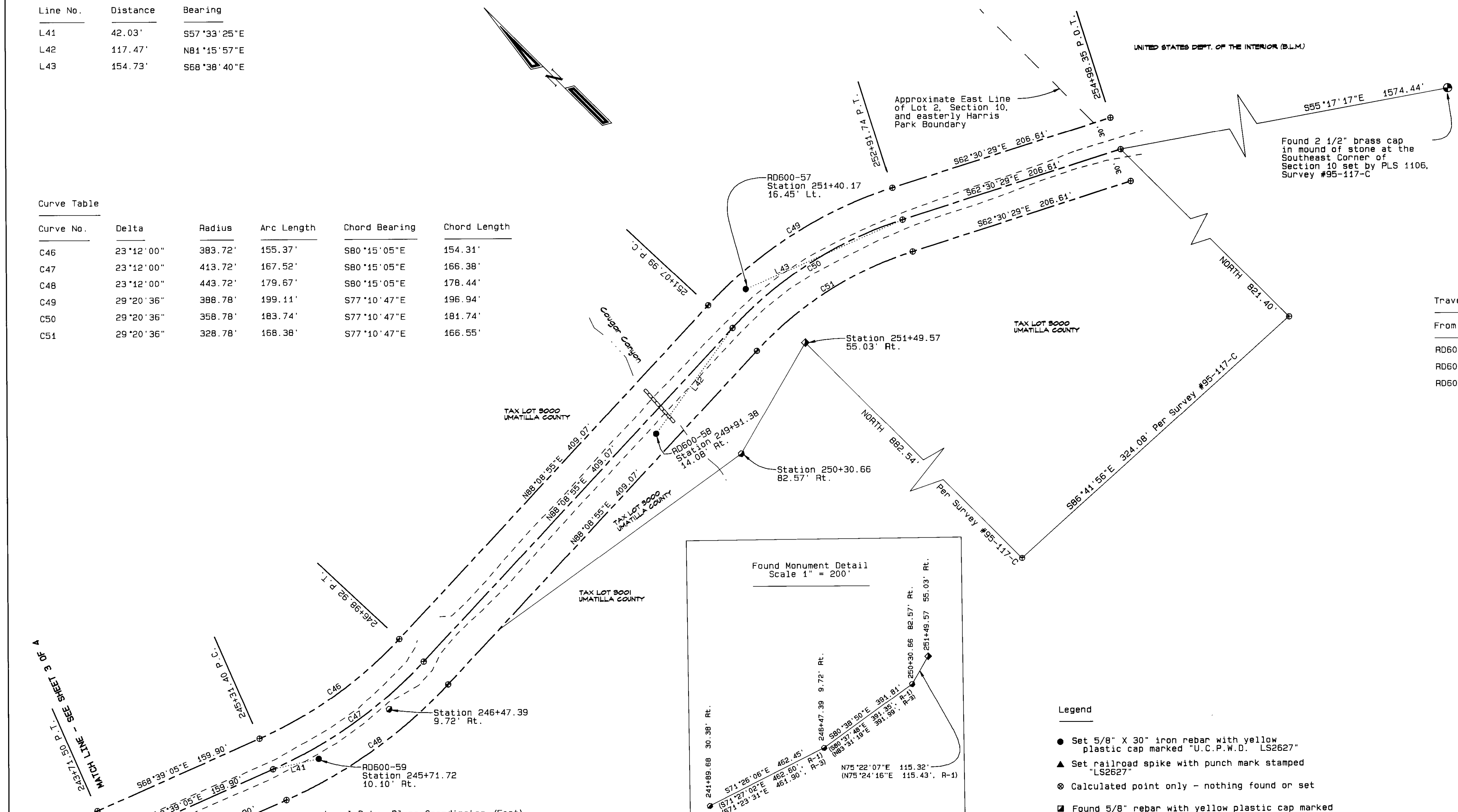
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RD600-59	51,121.65	47,936.51
RD600-58	51,111.41	48,357.78
RD600-57	51,145.26	48,506.99
243+71.50 P.T. CL	51,202.41	47,752.12
245+31.40 P.C. CL	51,144.20	47,901.05
246+98.92 P.T. CL	51,116.03	48,065.02
251+07.99 P.C. CL	51,129.24	48,473.88
252+91.74 P.T. CL	51,088.92	48,651.10
254+98.35 P.O.T. CL	50,993.54	48,834.37

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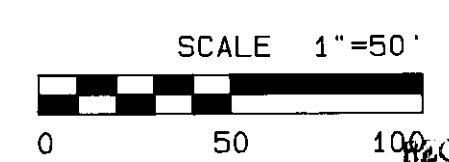


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GARY R. ROBERTS
JULY 20, 1993
RENEWS 12/31/2002



CREATED BY
Umatilla County Surveyor
Date 12-02
Rec'd by KE
No. 02-288-C

Umatilla County Road Department
3920 Westgate
Pendleton, Oregon 97801
Phone 541/278-5424

Legalization/Right-of-Way
Monumentation Survey

County Road No.600
South Fork Walla Walla River Road

Located in Sections 9 and 10
Township 4 North, Range 37 E.W.M.

Sheet 4 of 4 Date of Survey: November, 2002