

UMATILLA COUNTY PUBLIC WORKS DEPARTMENT

LEGALIZATION OF COTTONWOOD BEND ROAD NO. 1327 AND A PORTION OF NORTHWEST LIVESTOCK ROAD NO. 1328

ROAD REPORT

2/15/2017

INCLUDING ROAD SURVEY, HISTORY, AND OTHER SUPPORTING DOCUMENTATION NEEDED TO MEET
THE REQUIREMENTS OF ORS 368.206

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COTTONWOOD BEND ROAD AND NORTHWEST LIVESTOCK ROAD LEGALIZATION REPORT

GENERAL

The portion of Northwest Livestock Road, County Road No. 1328, that was surveyed in anticipation of this legalization is located immediately north of and adjacent to the northerly right of way line of Interstate 84 and west of Cottonwood Bend Road in Section 31, Township 4 North, Range 28 E.W.M. The portion of Cottonwood Bend Road, County Road No. 1327, that was surveyed in anticipation of this legalization is located between Northwest Livestock Road and Westland Road in Sections 19, 30, and 31, Township 4 North, Range 28 E.W.M.

HISTORY – NORTHWEST LIVESTOCK ROAD

In 1966 the right of way for the portion of Northwest Livestock Road from Westland Road east to where this legalization begins was acquired by the Oregon State Highway Commission to construct a frontage road as part of the Interstate 84 (then Interstate 80) project. At that time the frontage road went far enough east to connect to a traveled road that ran northeasterly and connected with Cottonwood Bend Road. The frontage road was relinquished to Umatilla County in the 1970's. At some point in time after the freeway was built, the frontage road was extended southeasterly along the north right of way line of Interstate 84 to connect with the southerly extension of Cottonwood Bend Road which was also extended after the freeway was built. No additional right of way was ever acquired.

HISTORY – COTTONWOOD BEND ROAD

In 1908 County Road 653 was established. It included not only what is now Cottonwood Bend Road, but portions of Country Lane, Prindle Loop Road, Lewis Road, Sheridan Road, and Stanfield Meadows Road as well. At some point after Interstate 84 was built the road was extended south from the Westland Irrigation District Canal to the freeway. No additional right of way was ever acquired.

ISSUES

The primary issue with Northwest Livestock Road is the lack of any legal right of way for the last 700 feet or so west of Cottonwood Bend Road. The same problem exists for the south 800 feet of Cottonwood Bend Road north of Northwest Livestock Road. Another problem with Cottonwood Bend Road is that the location of the existing traveled road varies enough from its legal location that portions of the graveled surface are outside of the right of way. Still another problem with the road is that a portion of it on both sides of the railroad undercrossing has been re-aligned at some point in time with no record of that happening.

On Cottonwood Bend Road, every effort was made to hold the center of the traveled road as right of way centerline and offset one half of the right of way width to establish the right of way lines. In some areas this would have created gaps between the right of way lines and adjacent property lines. In those areas, the right of way centerline was shifted far enough from the physical centerline of the road to eliminate the gaps.

IMPACTS TO UTILITIES AND PROPERTY OWNERS

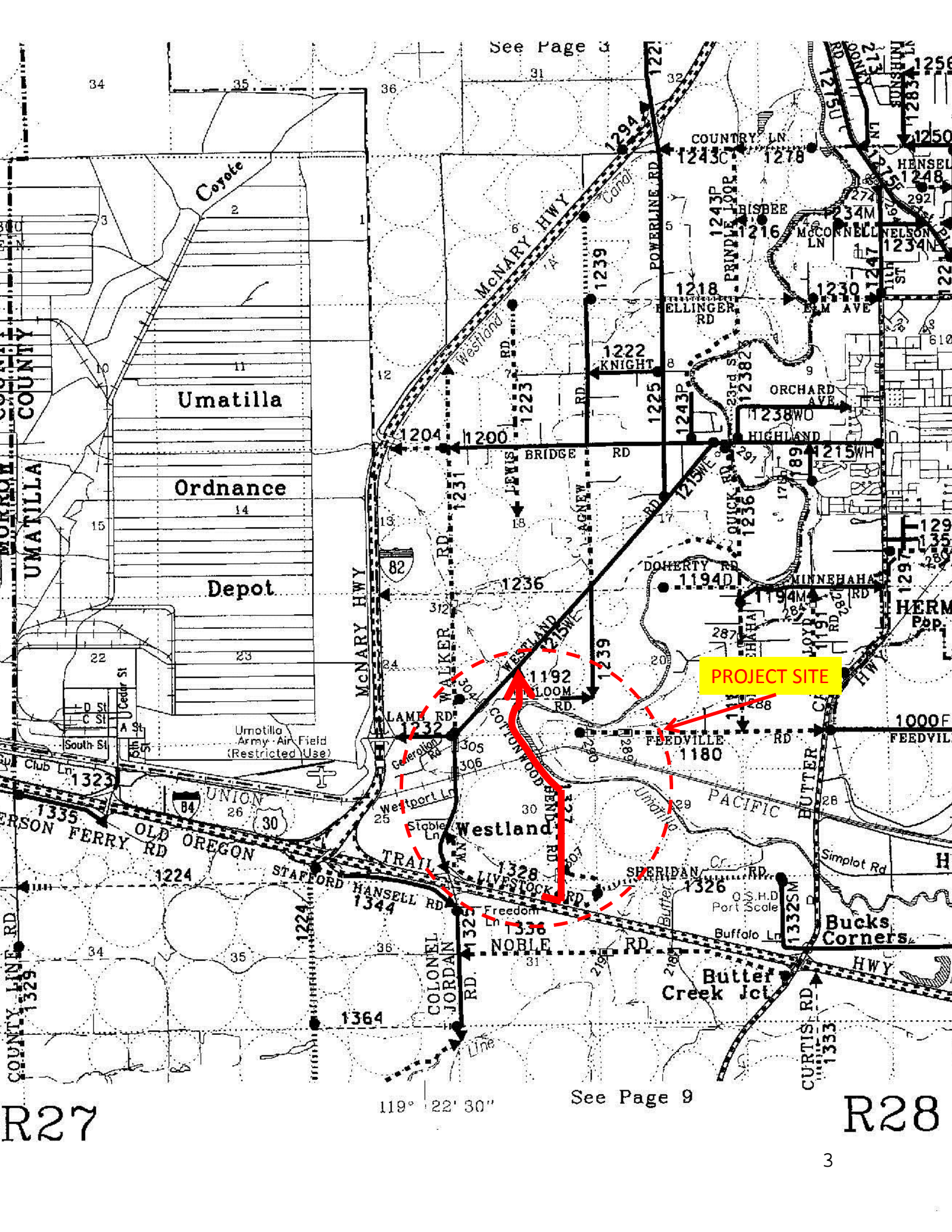
Legalizing the roads as shown on the attached survey map and as described in the final orders will have no adverse impacts to utilities or adjacent property owners.

STATUTES

ORS 368.201(1) provides for a county governing body to initiate proceedings to legalize a road if, through omission or defect, doubt exists as to the legal establishment or evidence of establishment of a public road; ORS 368.201(3) provides for a county governing body to initiate proceedings to legalize a road if the road as traveled and used for 10 years or more does not conform to the location of a road described in the county records; ORS 368.201(2)(a) provides for a county governing body to initiate proceedings to legalize a road if its location cannot be accurately determined due to numerous alterations of the road.

RECOMMENDATION

The Public Works Department recommends that the roads be legalized in the locations and at the widths shown on the road survey and as described in the final orders.



See Page 4

PROJECT SITE

119° 22' 30"





See Page 9

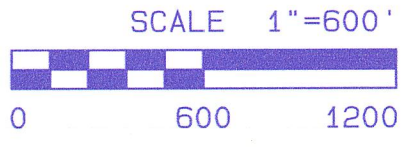
R27

R28

COTTONWOOD BEND ROAD AND NORTHWEST LIVESTOCK ROAD RIGHT OF WAY SUMMARY



- 
RIGHT OF WAY TO BE LEGALIZED
- 
EXISTING DEDICATED RIGHT OF WAY TO REMAIN INTACT
- 
OVERLAP BETWEEN EXISTING DEDICATED RIGHT OF WAY AND "LEGALIZED" RIGHT OF WAY
- 
EXISTING DEDICATED RIGHT OF WAY TO BECOME VOID UPON COMPLETION OF LEGALIZATION



WESTLAND ROAD

COTTONWOOD BEND ROAD

OLD COUNTY ROAD #653
(NOT IN USE)

NORTHWEST LIVESTOCK ROAD
INTERSTATE 84

RELINQUISHMENT OF TITLE

KNOW ALL MEN BY THESE PRESENTS, That the STATE OF OREGON, by and through its STATE HIGHWAY COMMISSION, hereinafter called "State", hereby relinquishes and conveys unto Umatilla County, a political subdivision of the State of Oregon, hereinafter called "County", its right, title and interest in and to the following described property only so long as used for public road purposes, to wit:

PARCEL 1 (Files 8773-A, 22417, 31359, 38200, 38201)

A parcel of land lying in the S $\frac{1}{2}$ N $\frac{1}{2}$ and in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 27, Township 4 North, Range 27 East, W.M., Umatilla County, Oregon, and being a portion of that property described in those deeds to the State of Oregon, by and through its State Highway Commission, recorded in Book 160, Page 629; in Book 283, Page 498; in Book 265, Page 274; in Book 284, Page 110 and in Book 265, Page 186 of Umatilla County Record of Deeds; the said parcel being that portion of said property lying Southerly of a line which is parallel to and 25 feet Northerly of the center line of a frontage road and Westerly of a line at right angles to said center line at Engineer's Station "FRS" 798+28.50, said center line being described as follows:

Beginning at Engineer's center line Station "FRS" 760+00, said station being opposite and 100 feet Southerly of Engineer's Station "EB" 760+00 on the center line of the Eastbound lane of the relocated Old Oregon Trail Highway, said station "FRS" 760+00 also being 9100.09 feet North and 710.90 feet West of the Southwest corner of Section 34, Township 4 North, Range 27 East, W.M.; thence South 77° 06' 54" East 2836.87 feet; thence on a spiral curve right (the long chord of which bears South 74° 42' 54" East) 240 feet; thence on a 954.93 foot radius curve right (the long chord of which bears South 65° 41' 54" East) 140.56 feet; thence on a spiral curve right (the long chord of which bears South 56° 40' 54" East) 240 feet; thence South 54° 16' 54" East 371.07 feet to Engineer's center line Station "FRS" 798+28.50.

EXCEPT therefrom that property described in that deed to Northern Pacific Railway Company, recorded in Book 285, Page 676 of Umatilla County Record of Deeds.

ALSO EXCEPT therefrom that property described in that deed to Hansell Brothers, Inc., recorded in Book 284, Page 336 of Umatilla County Record of Deeds.

Bearings are based upon the Oregon Co-ordinate System, North Zone.

The parcel of land to which this description applies contains 4.6 acres, more or less.

PARCEL 2 (File 38200)

A parcel of land lying in the NE $\frac{1}{4}$ of Section 27, Township 4 North, Range 27 East, W.M., Umatilla County, Oregon, and being a portion of that property described in that certain deed to the State of Oregon, by and through its State Highway Commission, recorded in Book 283, Page 498 of Umatilla County Record of Deeds; the said parcel being that portion of that property designated as Parcel 3 in said State of Oregon Deed lying Northerly of a line at right angles to the center line described in said Parcel 3 at Engineer's Station "E" 92+00.

ALSO all right, title and interest in those access road easements described in Parcels 4 and 5 of said State of Oregon Deed.

The parcel of land to which this description applies contains 0.5 acre, more or less.

PARCEL 3 (File 9899)

A parcel of land lying in the W $\frac{1}{2}$ NE $\frac{1}{4}$ of Section 27, Township 4 North, Range 27 East, W.M., Umatilla County, Oregon, and being that property described in that certain deed to the State of Oregon, recorded in Book 160, Page 398 of Umatilla County Record of Deeds.

EXCEPT therefrom that portion of said property lying Southerly of the following described line:

Beginning at a point which is opposite and 464.14 feet Northerly of Engineer's Station "EB" 800+70 on the center line of the Eastbound lane of the relocated Old Oregon Trail Highway; thence Southeasterly in a straight line to a point which is opposite and 300 feet Northerly of Engineer's Station "EB" 803+00 on said center line; thence Southeasterly in a straight line to a point which is opposite and 265 feet Northerly of Engineer's Station "EB" 804+15 on said center line; thence Southerly in a straight line to a point which is opposite and 215 feet Northerly of Engineer's Station "EB" 806+00 on said center line, which center line is described in that deed to the State of Oregon, by and through its State Highway Commission, recorded in Book 283, Page 498 of Umatilla County Record of Deeds.

The parcel of land to which this description applies contains 4.7 acres, more or less.

PARCEL 4 (File 38200)

A parcel of land lying in the E $\frac{1}{2}$ of Section 27, Township 4 North, Range 27 East, W.M., Umatilla County, Oregon, and being a portion of that property described in that deed to the State of Oregon, by and through its State Highway Commission, recorded in Book 283, Page 498 of Umatilla County Record of Deeds; the said parcel being that portion of said property lying Easterly of that property described in that deed to the State of Oregon, recorded in Book 160, Page 398 of Umatilla County Record of Deeds and Northerly of a line which is parallel to and 30 feet Southerly of the center line of a frontage road, which center line is described as follows:

Beginning at Engineer's center line Station "FRB" 803+44.93, said station being 8531.40 feet North and 3623.73 feet East of the Southwest corner of Section 34, Township 4 North, Range 27 East, W.M.; thence on a 1909.86 foot radius curve left (the long chord of which bears South 68° 56' 24" East) 545 feet; thence South 77° 06' 54" East 1110.07 feet to Engineer's center line Station "FRB" 820+00 which station is opposite and 235 feet Northerly of Engineer's Station "EB" 820+00 on the center line of the Eastbound lane of the relocated Old Oregon Trail Highway, which center line is described in said State of Oregon Deed, recorded in Book 283, Page 498.

Bearings are based upon the Oregon Co-ordinate System, North Zone.

The parcel of land to which this description applies contains 2.3 acres, more or less.

PARCEL 5 (Files 37963, 37964, 37965, 37966, 37967, 38382, 38933, 38968)

A parcel of land lying in Sections 25 and 36, Township 4 North, Range 27 East, W.M., Umatilla County, Oregon; the said parcel being that portion of said Sections 25 and 36 included in a strip of land variable in width, lying on each side of the center line of a frontage road, which center line is described as follows:

Beginning at Engineer's center line Station "FR" 870+00, which station is opposite and 100 feet Southerly of Engineer's Station "EB" 870+00 on the center line of the Eastbound lane of the relocated Old Oregon Trail Highway, said station also being 1544.11 feet South and 455.11 feet West of the West quarter corner of said Section 25; thence South 77° 06' 54" East 4400.32 feet; thence on a spiral curve right (the long chord of which bears South 75° 54' 54" East) 240 feet; thence on a 1909.86 foot radius curve right (the long chord of which bears South 65° 28' 39" East) 535.83 feet; thence on a spiral curve right (the long chord of which bears South 55° 02' 24" East) 240 feet; thence South 53° 50' 24" East 454.13 feet; thence on a 200 foot radius curve left (the long chord of which bears South 65° 15' 32.5" East) 79.72 feet to Engineer's center line Station "FR" 929+50, at which station the Easterly line of said strip of land lies at right angles to said center line.

The widths in feet of the strip of land above referred to are as follows:

Station	to Station	Width on Northerly Side of Center Line	Width on Southerly Side of Center Line
"FR" 870+00	"FR"914+00.32	25	40
"FR"914+00.32	"FR"916+40.32	25 in a straight line to 30	40
"FR"916+40.32	"FR"926+00	30	40
"FR"926+00	"FR"928+70.28	30	40 taper to 70
"FR"928+70.28	"FR"929+50	30	70

Bearings are based upon the Oregon Co-ordinate System, North Zone.

The parcel of land to which this description applies contains 8.3 acres, more or less.

PARCEL 6 (File 37968)

A parcel of land lying in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 36, Township 4 North, Range 27 East, W.M., Umatilla County, Oregon, and being a portion of that property described in that deed to the State of Oregon, by and through its State Highway Commission, recorded in Book 284, Page 441 of Umatilla County Record of Deeds; the said parcel being that portion of said property lying Southerly of a line at right angles to the center line of relocated Meadow Valley County Road at Engineer's Station "MV2" 27+20, which center line is described as follows:

Beginning at Engineer's center line Station "MV2" 24+04.70, said station being 496.04 feet South and 75.34 feet West of the Northeast corner of said Section 36; thence on a spiral curve right (the long chord of which bears South 16° 15' East) 240 feet; thence on a 954.93 foot radius curve right (the long chord of which bears South 9° 44' 30" East) 56.94 feet; thence on a spiral curve right (the long chord of which bears South 3° 14' East) 240 feet; thence South 0° 50' East 158.36 feet to Engineer's center line Station "MV2" 31+00.

Bearings are based upon the Oregon Co-ordinate System, North Zone.

The parcel of land to which this description applies contains 0.15 acre, more or less.

PARCEL 7 (File 37963)

A parcel of land lying in the SE $\frac{1}{4}$ of Section 25, Township 4 North, Range 27 East, W.M., Umatilla County, Oregon, and being a portion of that property designated as Parcel 3 and described in that deed to the State of Oregon, by and through its State Highway Commission, recorded in Book 284, Page 221 of Umatilla County Record of Deeds; the said parcel being that portion of said property designated as Parcel 3 lying Northerly of a line at right angles to the center line of the relocated Meadow Valley County Road at Engineer's Station "MV2" 12+00, said center line being described in said State of Oregon Deed.

The parcel of land to which this description applies contains 2.0 acres, more or less.

PARCEL 8 (Files 37963, 37970)

A parcel of land lying in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 25, Township 4 North, Range 27 East, W.M. and in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 30 and in the N $\frac{1}{2}$ N $\frac{1}{2}$ of Section 31, Township 4 North, Range 28 East, W.M., Umatilla County, Oregon, and being a portion of that property described in those deeds to the State of Oregon, by and through its State Highway Commission, recorded in Book 284, Page 221 and in Book 283, Page 277 of Umatilla County Record of Deeds; the said parcel being that portion of said property included in a strip of land extending from a line at right angles to the center line of a frontage road at Engineer's Station "FRNE" 923+25 to a line at right angles to said center line at Engineer's Station "FRNE" 960+00; said strip of land being variable in width, lying on each side of said center line, which center line is described as follows:

Beginning at Engineer's center line Station "FRNE" 922+24.26, said station being 550.4 feet North and 428.53 feet West of the Northwest corner of said

Section 31; thence on a 200 foot radius curve right (the long chord of which bears South 76° 22' 57" East) 225.27 feet; thence South 44° 06' 54" East, 227.87 feet; thence on a spiral curve left (the long chord of which bears South 45° 46' 54" East) 200 feet; thence on a 1145.92 foot radius curve left (the long chord of which bears South 60° 36' 54" East) 460 feet; thence on a spiral curve left (the long chord of which bears South 75° 26' 54" East) 200 feet; thence South 77° 06' 54" East 2462.60 feet to Engineer's center line Station "FRNE" 960+00.

The widths in feet of the strip of land above referred to are as follows:

Station	to Station	Width on Northerly Side of Center Line	Width on Southerly Side of Center Line
"FRNE"	"FRNE"		
922+24.26	924+49.53	70	30
"FRNE"	"FRNE"		
924+49.53	926+77.40	70 taper to 30	30
"FRNE"	"FRNE"		
926+77.40	933+37.40	30	30
"FRNE"	"FRNE"		
933+37.40	935+37.40	30	30 in a straight line to 25
"FRNE"	"FRNE"		
935+37.40	960+00	30	25

Bearings are based upon the Oregon Co-ordinate System, North Zone.

The parcel of land to which this description applies contains 4.95 acres, more or less.

PARCEL 9 (Files 36241, 38103, 38104)

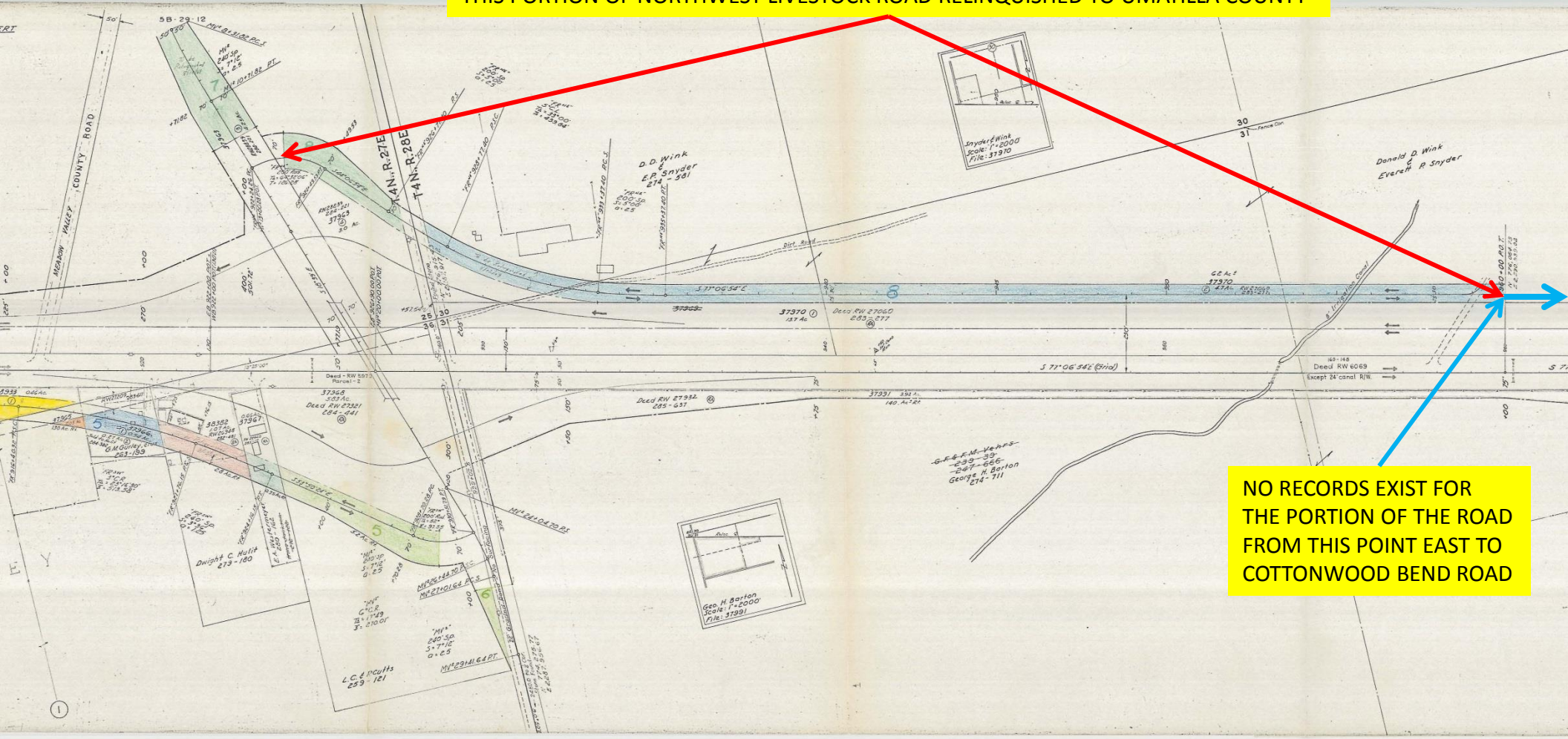
A parcel of land lying in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 32 and in the N $\frac{1}{2}$ SW $\frac{1}{4}$ of Section 33, Township 4 North, Range 28 East, W.M., Umatilla County, Oregon, and being a portion of that property described in those deeds to the State of Oregon, by and through its State Highway Commission, recorded in Book 282, Page 335 and in Book 283, Page 496 of Umatilla County Record of Deeds and in that certain Final Judgment dated May 31, 1966 and filed in the Circuit Court of the State of Oregon, for the County of Umatilla, wherein the State of Oregon, by and through its State Highway Commission was the plaintiff and Orville L. and Lois L. Carpenter were the defendants and bearing Case No. 9110; the said parcel being that portion of said property included in a strip of land variable in width, lying on each side of the center line of a county road as said county road has been relocated, which center line is described as follows:

Beginning at Engineer's center line Station "CR" 1028+14.57, at which station the Westerly line of said strip of land lies at right angles to said center line, said station being 1331.57 feet South and 795.51 feet West of the Northeast corner of the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of said Section 32; thence on a spiral curve right (the long chord of which bears South 89° 45' 54" East) 200 feet; thence on a 2864.79 foot radius curve right (the long chord of which bears South 83° 46' 24" East) 465.83 feet; thence on a spiral curve right (the long chord of which bears South 77° 46' 54" East) 200 feet; thence South 77° 06' 54" East 328.46 feet; thence on a spiral curve right (the long chord of which bears South 76° 26' 54" East) 200 feet; thence on a 2864.79 foot radius curve right (the long chord of which bears South 69° 06' 54" East) 600 feet; thence on a spiral curve right (the long chord of which bears South 61° 46' 54" East) 200 feet; thence South 61° 06' 54" East 341.14 feet to Engineer's center line Station "CR" 1053+50, at which station the Easterly line of said strip of land lies at right angles to said center line.

The widths in feet of the strip of land above referred to are as follows:

Station	to Station	Width on Northerly Side of Center Line	Width on Southerly Side of Center Line
"CR"1028+14.57	"CR"1048+08.86	30	40
"CR"1048+08.86	"CR"1050+08.86	30	40 in a straight line to 50
"CR"1050+08.86	"CR"1053+00	30	50 taper to 70
"CR"1053+00	"CR"1053+50	30	70

THIS PORTION OF NORTHWEST LIVESTOCK ROAD RELINQUISHED TO UMATILLA COUNTY



NO RECORDS EXIST FOR THE PORTION OF THE ROAD FROM THIS POINT EAST TO COTTONWOOD BEND ROAD

Field Notes of Road No 653

Commencing at the SE corner of Sec 5 T3N16R28S4M
Set Post marked R No 653

Thence West to Sec 5 45 10.00 chs. A1

Thence North through center of $\frac{1}{2}$ of $\frac{1}{2}$ Sec 5-36 chs -4600 chs A2

Thence N 23°30' E 495 5095 A3

Thence N 2° W 9.00 5995 A4

Thence N 17°30' W 1.00 ditch 16' wide 6095

473 6568 A5

Thence North 12.00 7768 A6

" N 28° E 232 8000 Post marked 1 M

Thence N 28° E 12.50 ditch 16' wide

1385 NE corner of Sec 5 and the SW

corner of Secs 33 T4N16R28S4M A7

Thence North to Sec 32 833 8.40 ditch 2' wide cut

10.00 2385- A8

Thence East through center $\frac{1}{2}$ of $\frac{1}{4}$ of $\frac{1}{4}$ Sec 33-150 ditch 4' N 6

6.00 through dry

850 leave through

20.00 chs 43.85 A9

Thence North through center $\frac{1}{2}$ Sec 33 36.15 8000 Post marked 2 M

Thence North 34.00 North by Sec 33 A10

Thence West to Sec 28 833 8.00 chs 42.00 gulch 20 feet wide

at which point will require cattle way 8 ft wide

Thence West 10.00 52.00 A11

" N 45° W 50 52.50 A12

Thence S 89° W 27.50 80.00 Butte creek 30' wide Post 3 M

Thence West 14.40 $\frac{1}{4}$ Sec Cor to Sec 29 832

Thence West 55.00 North W corner Sec 32

Thence West bet Sec 30 & 31 7325 ditch 20' wide S E NW

7540 1/4 corner : : A 13

Thence North 0.15 ditch 20' wide no post - and W

460 - 80.00 At Post marked 4 M

Thence North through 3/4 Sec 30 44.80 A 14

Thence N 56° 30' W 2.400 68.50 A 15

Thence North 7.120 8000 At Post marked 5 M

Thence North 9.00 A 16

Thence N 21° 20' W 7.65 16.65 A 17

" N 16° 15' E 9.90 26.55 A 18

" North 3.40 29.95 ditch 5' S W W

50.05 80.00 At Post marked 6 M.

Thence North 8000 Post marked 7 M.

Thence North 8000 At Post marked 8 M.

Thence North 8.25 ditch 10' wide N E

8000 At Post marked 9 M.

Thence North 800 to NW corner of N 3/4 Sec 6 A 19

Thence East on North by S 4 N 16 28 6 8000 Post marked 10 M

Thence East 8000 At Post marked 11 M.

Thence East 1700 A 20

" S 44° E 290 1990 A 21

" N 17° E 220 2210 A 22

" East 150 2360 Unsettled parcel 350, 16 acres

2710 East Bank of river

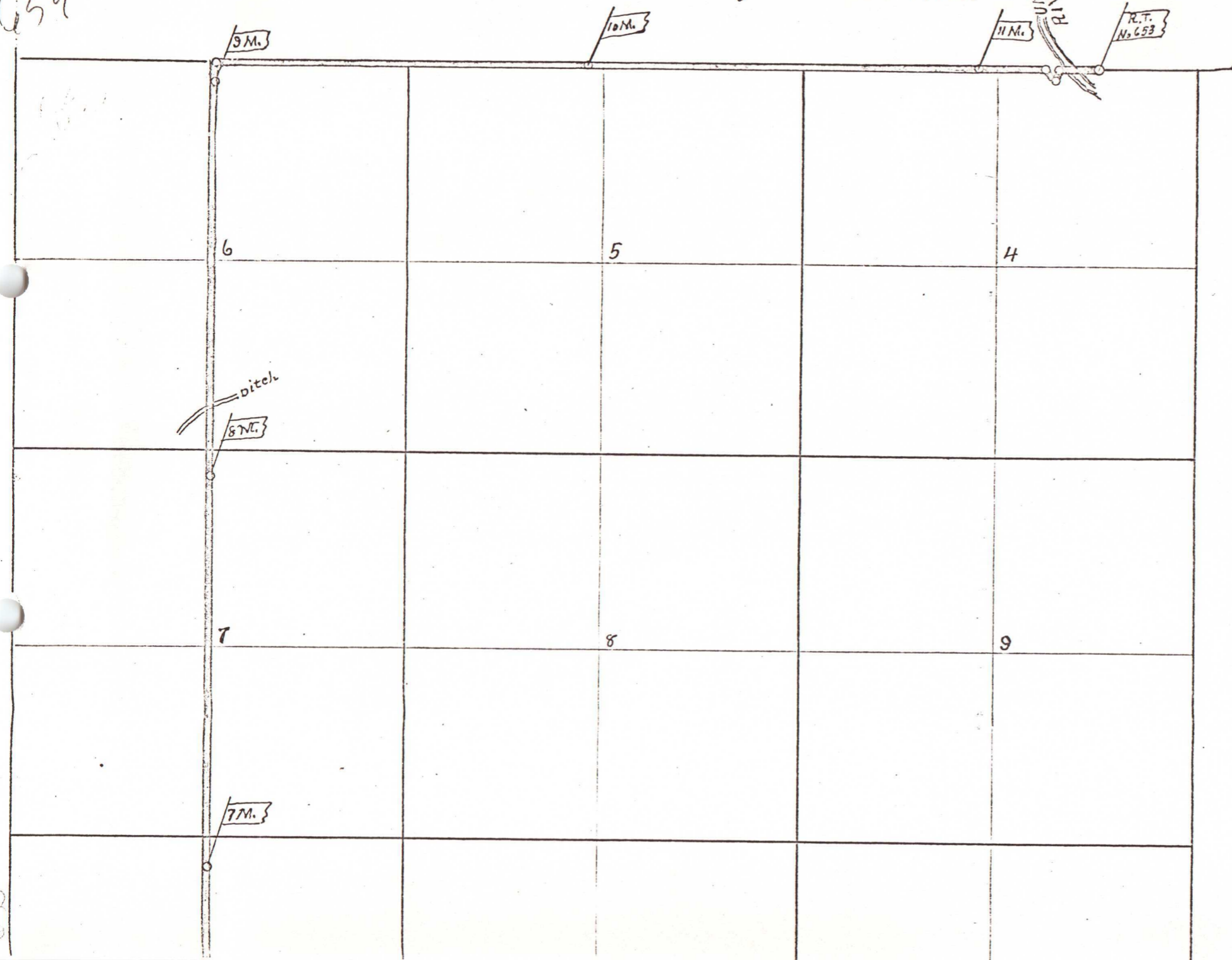
Thence East 525 - 3235 B.T. at NW corner of N 3/4

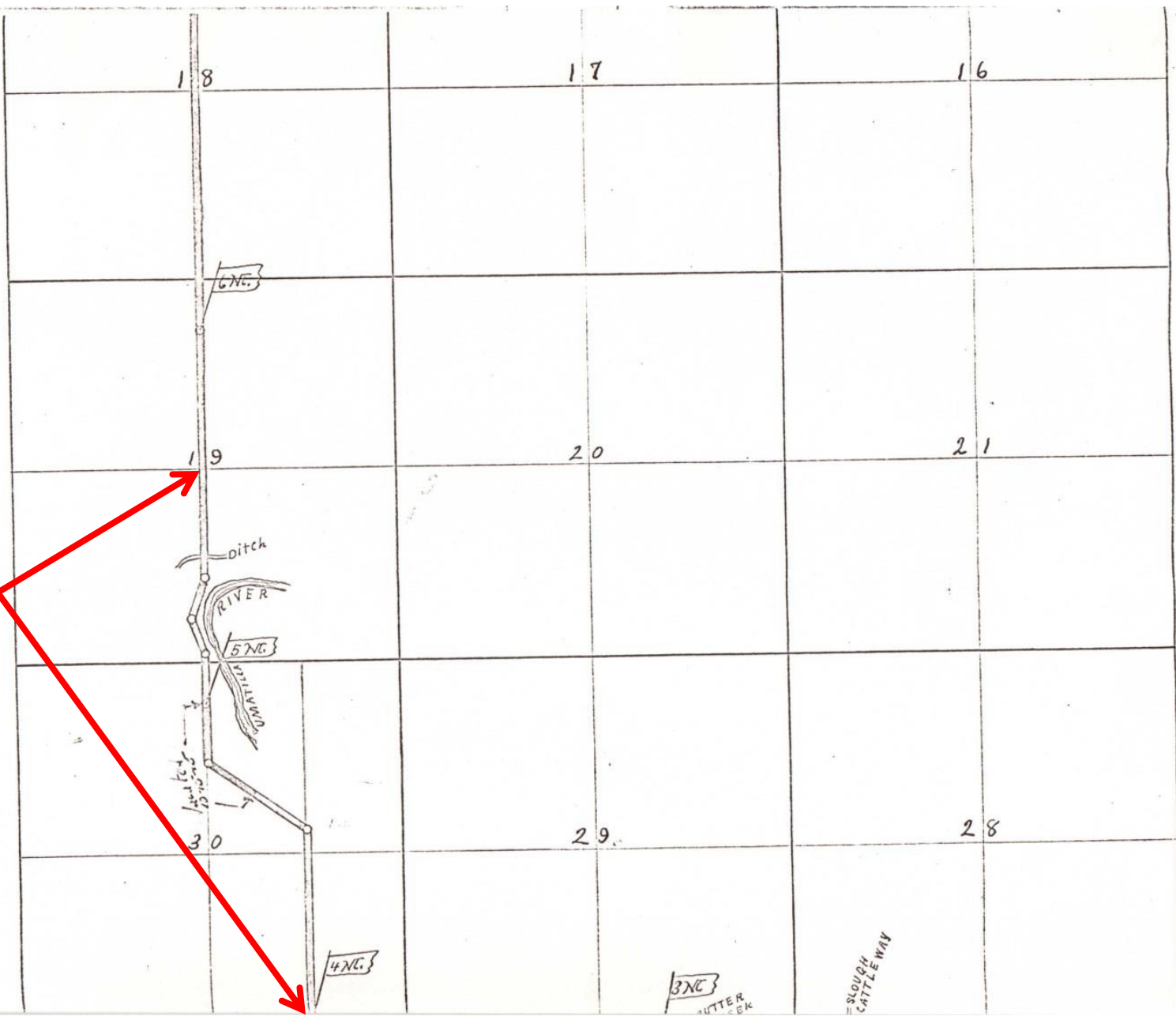
of N 3/4 Sec 4 S 4 N 16 28 6, At Post marked B.T. No 653

I hereby certify that the foregoing are correct field notes of land No 653
John W. Kinshell County Surveyor for Unsettled County Oregon

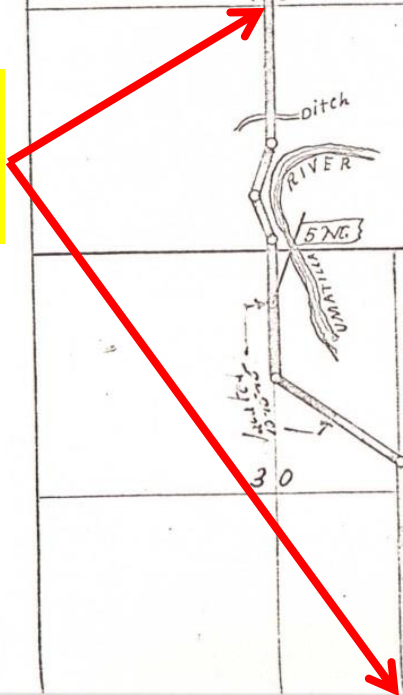
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Plan of Road No. 653
in
Townships 3 and 4 North Range 28 East Will. Mer.



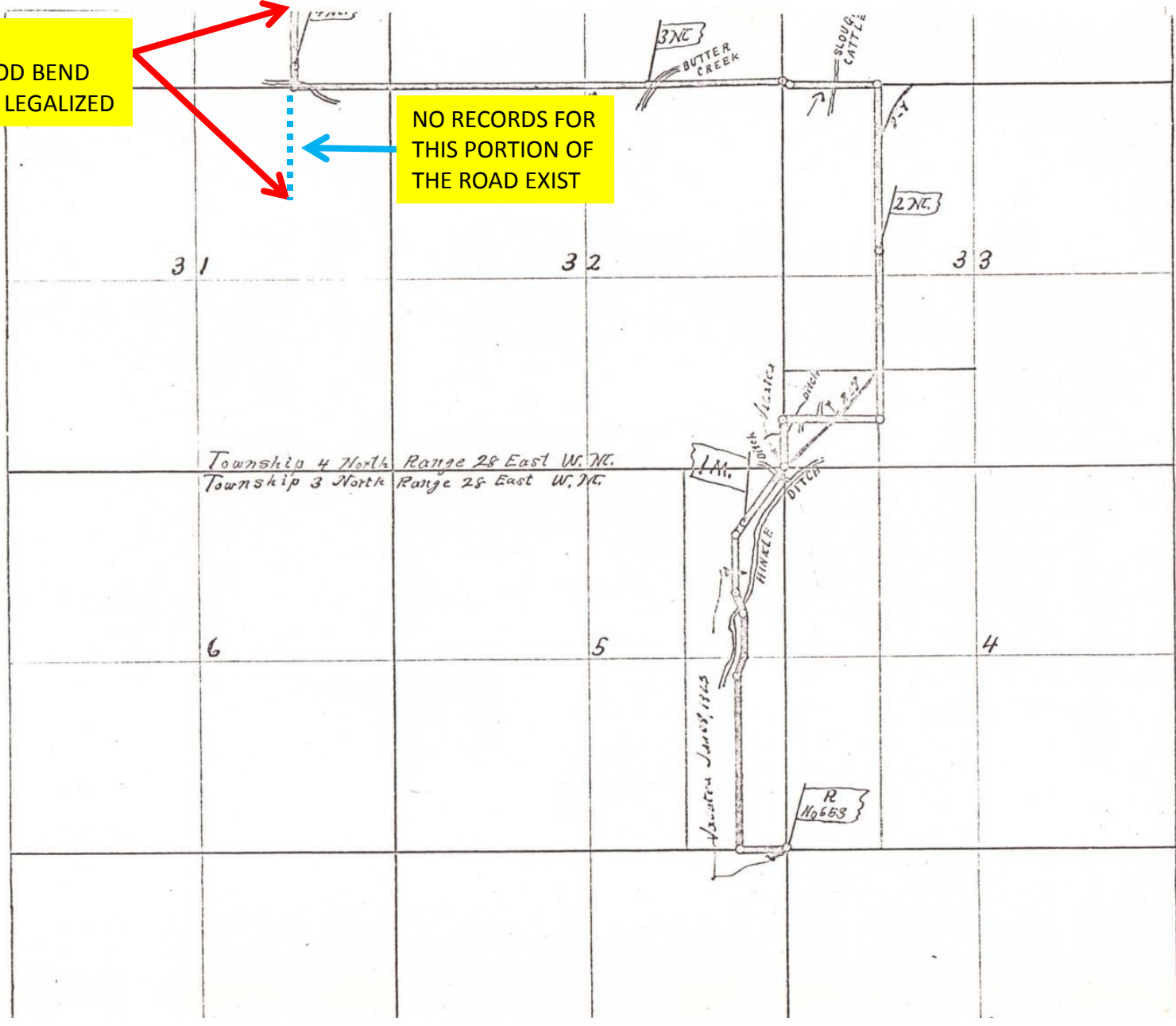


PORTION OF COTTONWOOD BEND ROAD BEING LEGALIZED



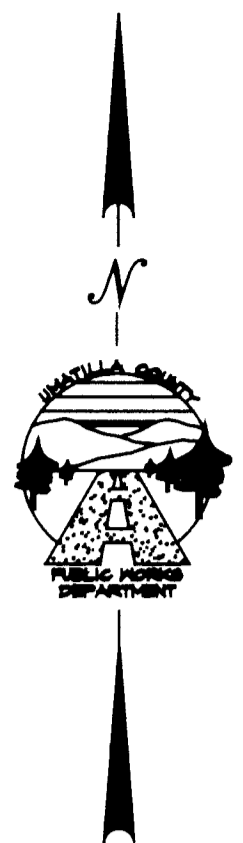
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PORTION OF
COTTONWOOD BEND
ROAD BEING LEGALIZED

NO RECORDS FOR
THIS PORTION OF
THE ROAD EXIST



653

NORTHWEST LIVESTOCK ROAD AND COTTONWOOD BEND ROAD LEGALIZATION SURVEY



TOWNSHIP 4 NORTH
RANGE 28 E.N.M.

SECTION SUBDIVISION DIAGRAM
SCALE: 1 INCH = 400 FEET

MEASURED BEARINGS AND DISTANCES
ARE NAD 83(N) AND 12

ROTATE MEASURED BEARINGS SHOWN 0°48'04"

CLOCKWISE TO OBTAIN TRUE BEARINGS
MULTIPLY MEASURED DISTANCES SHOWN BY A COMBINED
SCALE AND ELEVATION FACTOR OF 1.0000846
TO OBTAIN GROUND DISTANCE

NORTHWEST CORNER SECTION 30.
FOUND ASPHALT NAIL WITH BRASS WASHER
STAMPED 152827 SET IN SURVEY 12-142-C
IN PLACE OF BRASS CAP SET BY PLS 951
IN SURVEY 02-160-B.

NORTH 1/4 CORNER SECTION 30.
CALCULATED BY SINGLE PROPORTION.

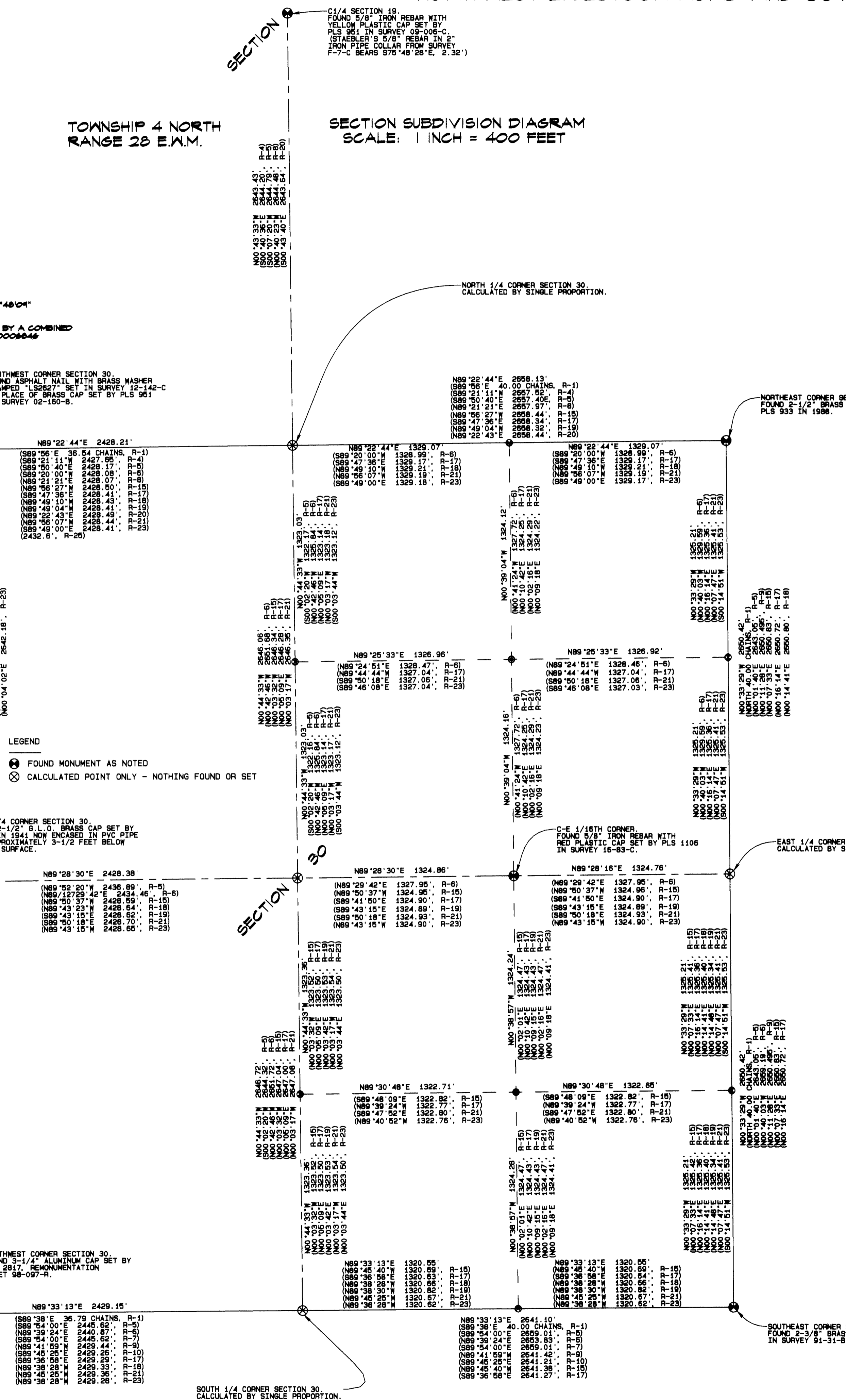
NORTHEAST CORNER SECTION 30.
FOUND 2 1/2" BRASS CAP SET BY
PLS 933 IN 1998.

WEST 1/4 CORNER SECTION 30.
FOUND 2 1/2" G.L.O. BRASS CAP SET BY
SOILS IN 1941 NOW ENCASED IN PVC PIPE
AND APPROXIMATELY 3-1/2 FEET BELOW
GROUND SURFACE.

EAST 1/4 CORNER SECTION 30.
CALCULATED BY SINGLE PROPORTION.

SOUTHWEST CORNER SECTION 30.
FOUND 1 1/4" ALUMINUM CAP SET BY
PLS 2817, REMONUMENTATION
SHEET 98-097-R.

SOUTHEAST CORNER SECTION 30.
FOUND 2 1/2" BRASS CAP SET BY PLS 951
IN SURVEY 91-31-B.



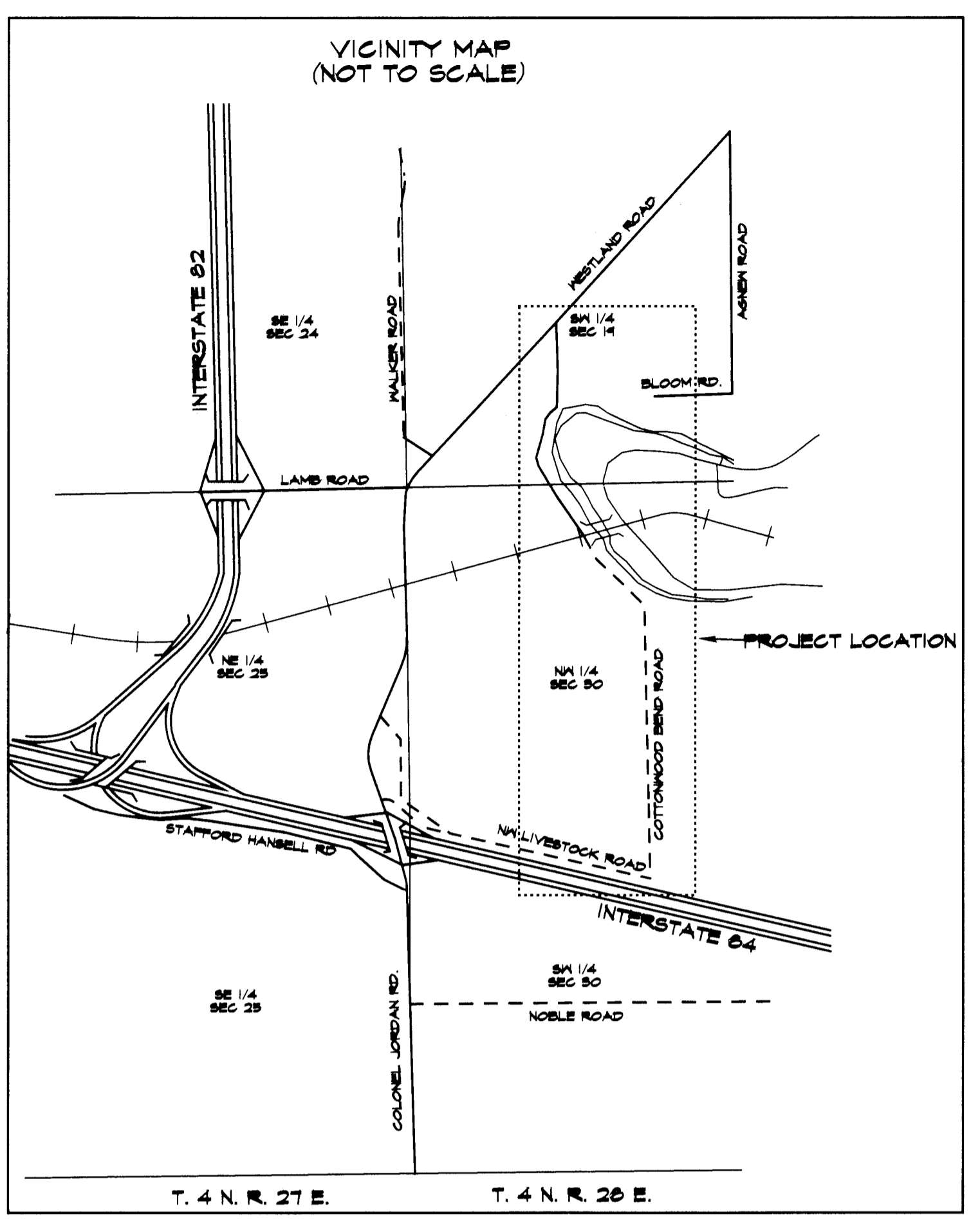
- SURVEY RECORDS**
- R-1 1860 G.L.O. SURVEY BY EBENEZER HAFT UNDER CONTRACT NO. 93
 - R-2 1874 G.L.O. SURVEY BY NICHOLAS WALDEN UNDER CONTRACT NO. 209
 - R-3 G.L.O. SURVEY BY OTIS GOULD UNDER SPECIAL INSTRUCTIONS DATED SEPTEMBER 9, 1940
 - R-4 SURVEY NO. F-7-C BY DONALD STAEBLER (1969) FOR MALCOM AND ADRIAN SKINNER
 - R-5 SURVEY NO. Q-697-C BY DAVID KRUMBEIN (1972) FOR THE PORT OF UMATILLA
 - R-6 SURVEY NO. 82-39-A BY DENNIS EDWARDS FOR ALBERT OVERTON
 - R-7 SURVEY NO. 84-171-C BY EARL MING (CLIENT UNKNOWN)
 - R-8 SURVEY NO. 88-51-A BY DENNIS EDWARDS FOR EMIL HALIENICZ
 - R-9 SURVEY NO. 91-31-B BY DENNIS EDWARDS FOR LAMB-WESTON
 - R-10 SURVEY NO. 98-19-B BY GARY WAGNER FOR WESTERN LAND AND CATTLE
 - R-11 REMONUMENTATION FORM NO. 98-97-R BY GARY WAGNER (SOUTHWEST CORNER OF SECTION 30)
 - R-12 SURVEY NO. 99-56-B BY GARY WAGNER FOR WESTERN LAND AND CATTLE
 - R-13 SURVEY NO. 02-160-B BY DENNIS EDWARDS FOR U.E.C.A.
 - R-14 SURVEY NO. 03-54-C BY BRIT PRIMM AND DENNIS EDWARDS FOR UMATILLA COUNTY
 - R-15 SURVEY NO. 03-113-B BY DENNIS EDWARDS FOR RAY AND SHARON WALKER
 - R-16 SURVEY NO. 03-308-C BY GARY ROBERTS FOR UMATILLA COUNTY
 - R-17 SURVEY NO. 05-41-C BY DENNIS EDWARDS FOR SHAKCORP
 - R-18 SURVEY NO. 09-29-B BY RON MCKINNIS FOR TAPANI UNDERGROUND, INC.
 - R-19 SURVEY NO. 11-105-B BY RODNEY LEWIS FOR WHITMAN ENTERPRISES, INC.
 - R-20 SURVEY NO. 12-142-C BY GARY ROBERTS FOR UMATILLA COUNTY
 - R-21 SURVEY NO. 13-015-C BY DANNY CUMMINGS FOR CASCADE NATURAL GAS
 - R-22 SURVEY NO. 14-25-C BY GARY ROBERTS FOR UMATILLA COUNTY
 - R-23 SURVEY NO. 16-83-C BY WILLIAM WELLS FOR LIBERATED L & E, LLC
 - R-24 ROAD RECORDS FOR COUNTY ROAD NO. 653, DATED 1908
 - R-25 ROAD RECORDS FOR COUNTY ROAD NO. 775, DATED 1915
 - R-26 O.S.H.D. RIGHT OF WAY MAP NO. 88-29-12 (INTERSTATE 84)
 - R-27 O.S.H.D. RIGHT OF WAY MAP NO. 9F-6-22 (INTERSTATE 84)

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

POINT DESCRIPTION	NORTHING	EASTING
N.W. COR. SEC. 30 (ASPHALT NAIL & BRASS WASHER)	782,166.66	8,489,625.12
N. 1/4 COR. SEC. 30 (CALCULATED)	782,192.99	8,492,053.18
E. 1/16 COR. SECS. 19 & 30 (CALCULATED)	782,207.40	8,493,382.17
N.E. COR. SEC. 30 (BRASS CAP)	782,221.81	8,494,711.16
N. 1/16 COR. C-C SEC. 30 (CALCULATED)	780,870.07	8,492,070.32
N.E. 1/16 COR. SEC. 30 (CALCULATED)	780,883.37	8,493,397.22
N. 1/16 COR. SECS. 29 & 30 (CALCULATED)	780,896.66	8,494,724.07
W. 1/4 COR. SEC. 30 (BRASS CAP)	779,524.90	8,489,659.16
C. 1/4 COR. SEC. 30 (CALCULATED)	779,547.15	8,492,087.47
E. 1/16 COR. C-C SEC. 30 (WELLS 5/8" REBAR W/CAP)	779,559.29	8,493,412.27
E. 1/4 COR. SEC. 30 (CALCULATED)	779,571.52	8,494,736.98
S. 1/16 COR. C-C SEC. 30 (CALCULATED)	778,223.90	8,492,104.61
S.E. 1/16 COR. SEC. 30 (CALCULATED)	778,235.14	8,493,427.27
S. 1/16 SECS 29 & 30 (CALCULATED)	778,246.37	8,494,749.88
S.W. COR. SEC. 30 (ALUMINUM CAP)	776,881.73	8,489,692.69
S. 1/4 COR. SEC. 30 (CALCULATED)	776,900.65	8,492,121.76
E. 1/16 COR. SECS. 30 & 31 (CALCULATED)	776,910.94	8,493,442.27
S.E. COR. SEC. 30 (BRASS CAP)	776,921.23	8,494,762.78
C. 1/4 COR. SEC. 19 (EDWARDS 5/8" REBAR W/CAP)	784,836.21	8,492,019.70

CONTENTS

SHEET 1 OF 5	COTTONWOOD BEND ROAD STATION "CWB" 0+00.00 P.O.T. TO STATION "CWB" 27+42.24 P.C. WESTLAND ROAD STATION "W3" 58+54.64 P.O.T. TO STATION "W3" 72+82.05 P.O.T.
SHEET 2 OF 5	COTTONWOOD BEND ROAD STATION "CWB" 27+42.24 P.C. TO STATION "CWB" 55+62.93 P.O.T.
SHEET 3 OF 5	COTTONWOOD BEND ROAD STATION "CWB" 55+62.93 P.O.T. TO STATION "CWB" 84+49.37 P.I.
SHEET 4 OF 5	COTTONWOOD BEND ROAD STATION "CWB" 84+49.37 P.I. TO STATION "CWB" 92+47.12 P.O.T. NORTHWEST LIVESTOCK ROAD STATION "NWL" 959+98.15 P.I. TO STATION "NWL" 966+74.65 P.O.T.
SHEET 5 OF 5	INTERSTATE 84 STATION 912+60.00 P.O.T. TO STATION 989+00.00 P.O.T. SURVEY NARRATIVE



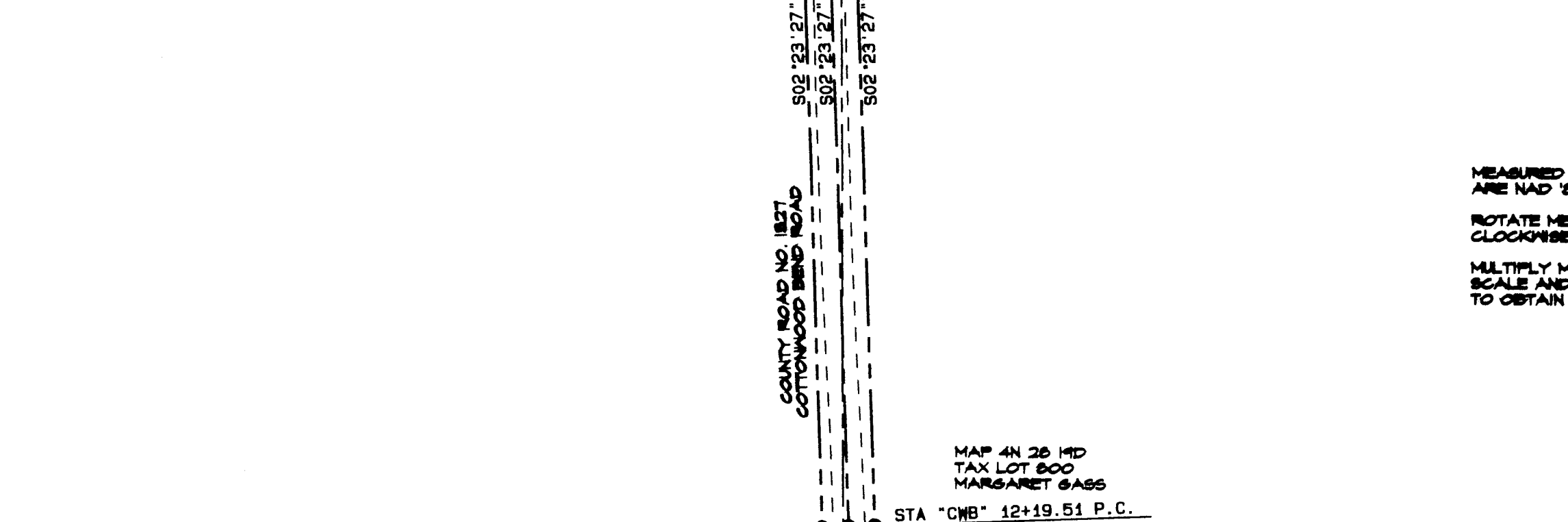
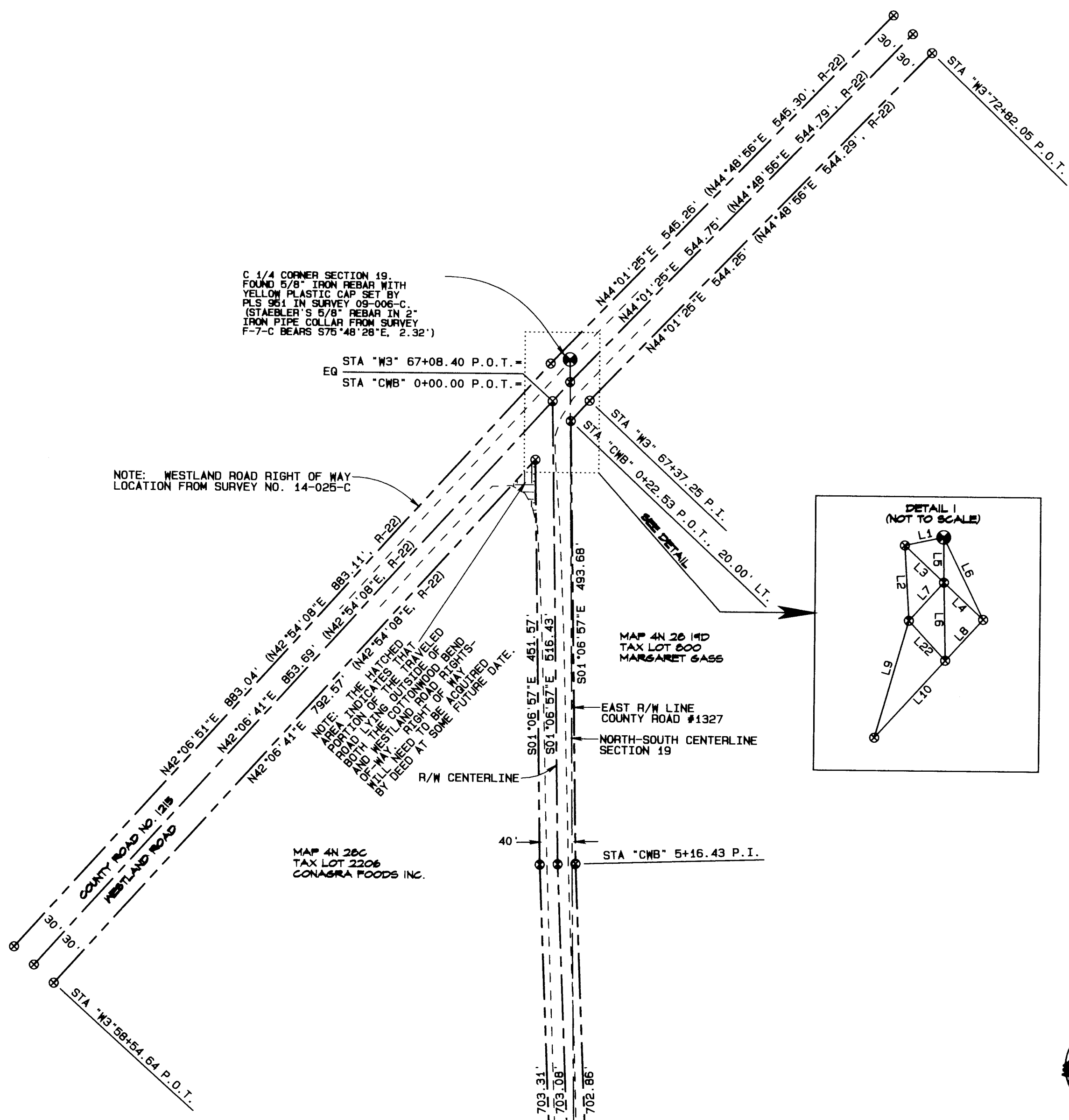
REGISTERED
PROFESSIONAL
LAND SURVEYOR
Day R. Robert
OREGON
JULY 20, 1993
GARY R. ROBERTS
2627
RENEWS 12/31/2018

RECEIVED BY
Umatilla County Surveyor
Date: 1/4/2017
Rec'd By: *[Signature]*
No.: 17-001-C

UMATILLA COUNTY ROAD DEPARTMENT
3420 WESTGATE
PENDLETON, OREGON 97801
PHONE 541/276-3424

HERMISTON AREA ROAD LEGALIZATION SURVEY
COUNTY ROAD NO. 1327, COTTONWOOD BEND ROAD
COUNTY ROAD NO. 1328, NORTHWEST LIVESTOCK ROAD
LOCATED IN SECTIONS 19, 30, AND 31
TOWNSHIP 4 NORTH, RANGE 28 E.N.M.
DATE OF SURVEY: NOVEMBER, 2016
INDEX SHEET

NORTHWEST LIVESTOCK ROAD AND COTTONWOOD BEND ROAD LEGALIZATION SURVEY



MEASURED BEARINGS AND DISTANCES ARE NAD '83(91) GRID
 ROTATE MEASURED BEARINGS SHOWN 0°48'04" CLOCKWISE TO OBTAIN TRUE BEARINGS
 MULTIPLY MEASURED DISTANCES SHOWN BY A COMBINED SCALE AND ELEVATION FACTOR OF 1.0000846 TO OBTAIN ARCING DISTANCE

- LEGEND
- FOUND SECTION MONUMENT AS NOTED
 - FOUND MONUMENT AS NOTED
 - ⊙ CALCULATED POINT ONLY - NOTHING FOUND OR SET
 - R/W LINE
 - R/W CENTERLINE
 - CENTER-OF-SECTION LINE
 - EDGE OF TRAVELED ROAD

CURVE TABLE

CURVE NO.	DELTA	RADIUS	ARC LENGTH	CHORD BEARING	CHORD DISTANCE
C1	26°48'42"	506.43'	236.98'	S11°00'54"W	234.83'
C2	26°48'42"	526.43'	246.34'	S11°00'54"W	244.10'
C3	26°48'42"	546.43'	256.70'	S11°00'54"W	253.38'
C4	37°05'43"	773.34'	500.69'	S05°52'23"W	491.99'
C5	37°05'43"	753.34'	487.74'	S05°52'23"W	479.26'
C6	37°05'43"	733.34'	474.79'	S05°52'23"W	466.54'
C7	13°50'32"	968.57'	234.00'	S19°35'43"E	233.43'
C8	13°50'32"	988.57'	238.83'	S19°35'43"E	238.25'
C9	13°50'32"	1008.57'	243.66'	S19°35'43"E	243.07'

LINE TABLE

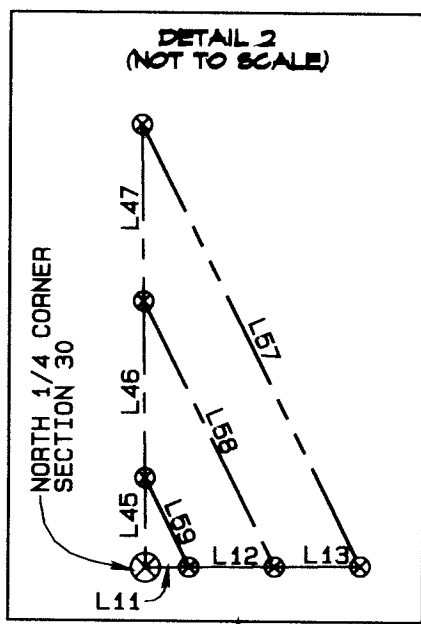
LINE NO.	BEARING	DISTANCE
L1	N77°44'47"E	22.17'
L2	S03°30'30"E	41.98'
L3	S46°55'57"E	30.00'
L4	S46°55'57"E	30.00'
L5	S00°34'50"E	25.20'
L6	S01°25'33"E	43.55'
L7	S42°06'41"W	28.86'
L8	S42°06'41"W	31.07'
L9	S15°58'02"W	68.08'
L10	S42°06'41"W	58.40'
L11	N89°22'44"E	11.28'
L12	N89°22'44"E	22.23'
L13	N89°22'44"E	22.23'
L14	S26°30'59"E	60.31'
L15	S26°30'59"E	70.02'
L16	S26°30'59"E	79.73'
L17	S12°40'28"E	59.31'
L18	S12°40'28"E	59.31'
L19	S12°40'28"E	59.31'
L20	S24°25'15"W	160.78'
L21	S24°25'15"W	160.78'
L22	S42°43'04"E	30.12'
L23	S24°25'15"W	160.78'
L45	N00°43'33"W	23.32'
L46	N00°43'33"W	45.97'
L47	N00°43'33"W	45.97'
L56	S26°30'59"E	141.29'
L57	S26°30'59"E	128.12'
L58	S26°30'59"E	77.03'
L59	S26°30'59"E	25.93'

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

POINT DESCRIPTION	NORTHING	EASTING
C. 1/4 COR. SEC. 19 (EDWARDS 5/8" REBAR W/CAP)	784,836.21	8,492,019.70
"M3" 58+54.64 P.O.T., CL (CALCULATED)	784,156.31	8,491,428.14
"M3" 67+37.25 P.I., CL (CALCULATED)	784,811.04	8,492,019.95
"M3" 72+82.05 P.O.T., CL (CALCULATED)	785,202.72	8,492,398.53
EQ "M3" 67+08.40 P.O.T., CL EQUALS "CWB" 0+00.00 P.O.T., CL (CALCULATED)	784,789.61	8,492,000.60
"CWB" 5+16.43 P.I., CL (CALCULATED)	784,273.28	8,492,010.66
"CWB" 12+19.51 P.C., CL (CALCULATED)	783,570.80	8,492,039.99
MONUMENT "A" (EDWARDS 1/2" REBAR, SURVEY 88-51-A)	783,513.69	8,492,057.89
"CWB" 14+65.85 P.T., CL (CALCULATED)	783,331.20	8,491,993.35
"CWB" 16+26.63 P.C., CL (CALCULATED)	783,184.81	8,491,926.87
"CWB" 21+14.37 P.T., CL (CALCULATED)	782,708.05	8,491,877.83
"CWB" 21+73.68 P.C., CL (CALCULATED)	782,650.19	8,491,890.85
"CWB" 24+12.51 P.T., CL (CALCULATED)	782,425.74	8,491,970.75
N. 1/4 CORNER SECTION 30 (CALCULATED)	782,192.99	8,492,053.18
"CWB" 27+42.24 P.C., CL (CALCULATED)	782,130.70	8,492,117.96

SET HUB AND TACK, USED AS BASE STATION 2.
 NAD '83 ('91) STATE PLANE COORDINATES, OREGON NORTH ZONE 3601, INTERNATIONAL FEET: N782,746.41' E8,491,847.22'
 NAD '83 (2011) STATE PLANE COORDINATES (OPUS) OREGON NORTH ZONE 3601, INTERNATIONAL FEET: N782,746.63' E8,491,847.30'

REGISTERED PROFESSIONAL LAND SURVEYOR
 Gary R. Roberts
 OREGON
 JULY 20, 1993
 GARY R. ROBERTS
 2627
 RENEWS 12/31/2018



FOR SURVEY RECORDS AND SECTION LINE DETAILS, SEE INDEX SHEET;
 FOR SURVEY NARRATIVE, SEE SHEET 5

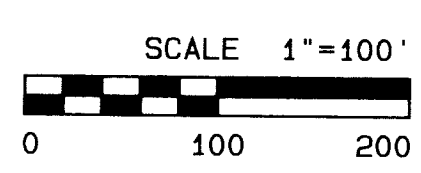
RECEIVED BY
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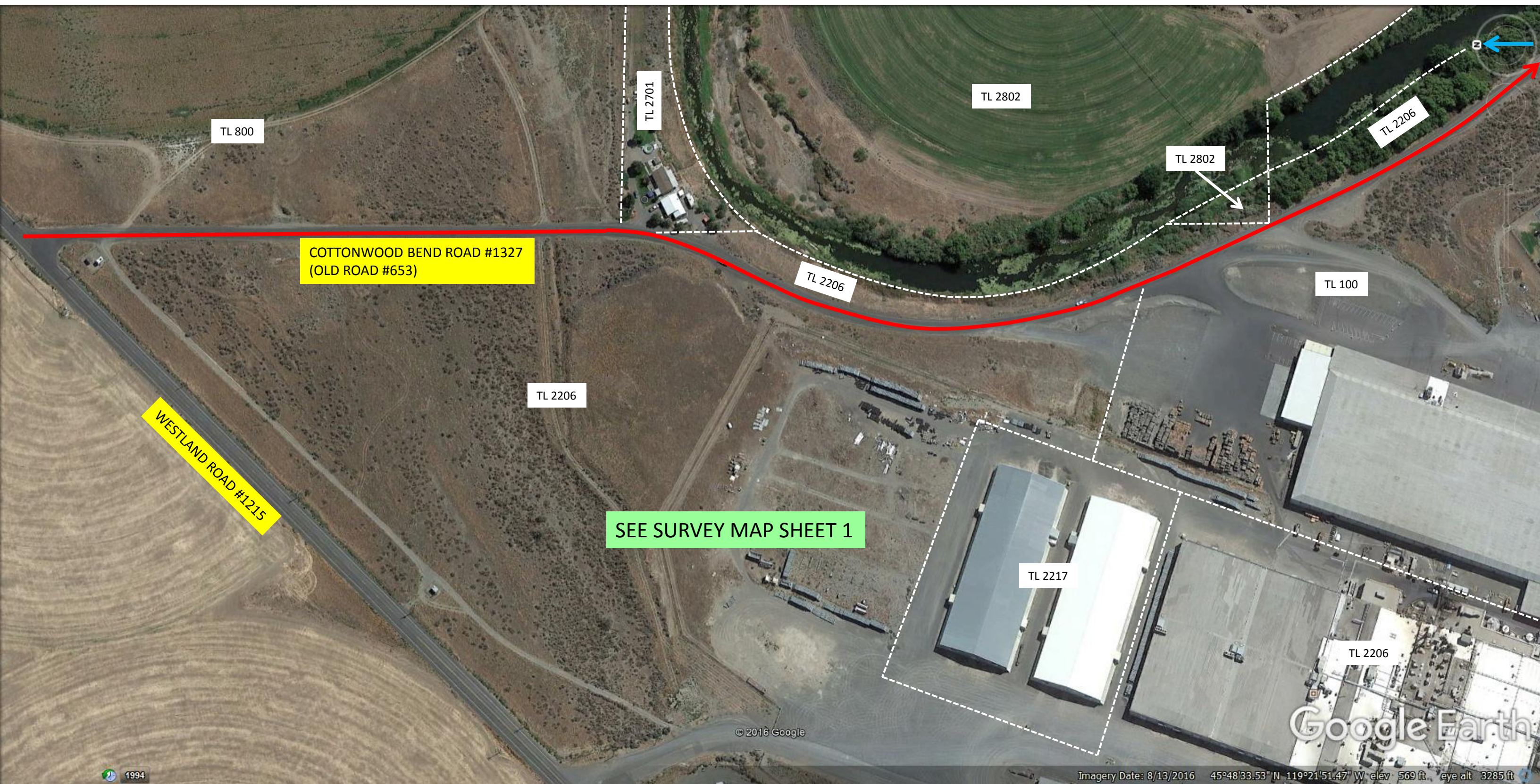
UMATILLA COUNTY ROAD DEPARTMENT
 9420 WESTGATE
 PENDLETON, OREGON 47601
 PHONE 541/276-5424

HERMISTON AREA ROAD LEGALIZATION SURVEY
 COUNTY ROAD NO. 1327, COTTONWOOD BEND ROAD
 COUNTY ROAD NO. 1328, NORTHWEST LIVESTOCK ROAD

LOCATED IN SECTIONS 19, 30, AND 31
 TOWNSHIP 4 NORTH, RANGE 28 E.M.M.

DATE OF SURVEY: NOVEMBER, 2016
 SHEET 1 OF 5





TL 800

TL 2701

TL 2802

TL 2802

TL 2206

COTTONWOOD BEND ROAD #1327
(OLD ROAD #653)

TL 2206

TL 100

TL 2206

WESTLAND ROAD #1215

SEE SURVEY MAP SHEET 1

TL 2217

TL 2206

Google Earth

© 2016 Google

Imagery Date: 8/13/2016 45°48'33.53" N 119°21'51.47" W elev 569 ft eye alt 3285 ft

1994

NORTHWEST LIVESTOCK ROAD AND COTTONWOOD BEND ROAD LEGALIZATION SURVEY

STATE PLANE COORDINATES

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

POINT DESCRIPTION	NORTHING	EASTING
NORTH 1/4 CORNER SECTION 30 (CALCULATED)	782,192.99	8,492,053.18
EAST 1/16TH CORNER SECS. 19 & 30 (CALCULATED)	782,207.40	8,493,382.17
NORTHEAST 1/16TH CORNER SEC. 30 (CALCULATED)	780,883.37	8,493,397.22
NORTH 1/16TH COR. C-C SEC. 30 (CALCULATED)	780,870.07	8,492,070.32
CENTER 1/4 COR. SEC. 30 (CALCULATED)	779,547.15	8,492,087.47
C-E 1/16TH COR. SEC. 30 (WELLS 5/8" REBAR W/CAP)	779,059.29	8,493,412.27
MONUMENT "B" (WELLS 5/8" REBAR W/CAP)	780,294.44	8,493,403.90
MONUMENT "C" (5/8" REBAR, ORIGIN UNKNOWN)	780,223.53	8,493,409.35
MONUMENT "D" (EDWARDS 5/8" REBAR)	780,215.59	8,493,406.02

STATE PLANE COORDINATES (CONTINUED)

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

POINT DESCRIPTION	NORTHING	EASTING
STA "CWB" 21+14.37 P.T., CL (CALCULATED)	782,708.06	8,491,877.83
STA "CWB" 21+73.68 P.C., CL (CALCULATED)	782,650.19	8,491,890.85
STA "CWB" 24+12.51 P.T., CL (CALCULATED)	782,425.74	8,491,970.75
STA "CWB" 27+42.24 P.C., CL (CALCULATED)	782,130.70	8,492,117.96
STA "CWB" 32+61.40 P.T., CL (CALCULATED)	781,691.09	8,492,392.63
STA "CWB" 32+97.79 P.C., CL (CALCULATED)	781,662.20	8,492,414.78
STA "CWB" 33+96.46 P.T., CL (CALCULATED)	781,687.57	8,492,479.24

STATE PLANE COORDINATES (CONTINUED)

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

POINT DESCRIPTION	NORTHING	EASTING
STA "CWB" 35+61.92 P.I., CL (CALCULATED)	781,468.87	8,492,594.49
STA "CWB" 36+14.41 P.I., CL (CALCULATED)	781,418.57	8,492,609.52
STA "CWB" 36+73.98 P.C., CL (CALCULATED)	781,369.29	8,492,615.41
STA "CWB" 40+62.66 P.T., CL (CALCULATED)	781,001.92	8,492,755.44
STA "CWB" 41+62.04 P.C., CL (CALCULATED)	780,922.68	8,492,815.42
STA "CWB" 44+31.30 P.T., CL (CALCULATED)	780,723.89	8,492,996.47
STA "CWB" 45+90.91 P.C., CL (CALCULATED)	780,616.12	8,493,114.20
STA "CWB" 47+34.00 P.T., CL (CALCULATED)	780,532.33	8,493,229.81
STA "CWB" 48+54.76 P.C., CL (CALCULATED)	780,473.04	8,493,336.02
STA "CWB" 49+52.58 P.O.C., CL (CALCULATED)	780,404.18	8,493,402.67
STA "CWB" 50+36.79 P.T., CL (CALCULATED)	780,323.45	8,493,423.57
STA "CWB" 50+65.67 P.I., CL (CALCULATED)	780,294.57	8,493,423.90
STA "CWB" 50+65.67 P.I., 20.00' RT. (WELLS 5/8" REBAR W/CAP)	780,294.44	8,493,403.90
STA "CWB" 55+62.93 P.O.T., CL (CALCULATED)	779,797.32	8,493,427.28

CURVE TABLE

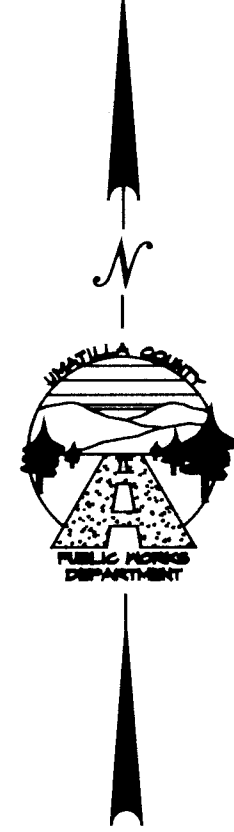
CURVE NO.	DELTA	RADIUS	ARC LENGTH	CHORD BEARING	CHORD DISTANCE
C7	13°50'32"	968.57'	234.00'	S19°35'43"E	233.43'
C8	13°50'32"	968.57'	238.83'	S19°35'43"E	238.26'
C9	13°50'32"	1008.57'	243.66'	S19°35'43"E	243.07'
C10	10°57'45"	2693.41'	515.33'	S31°59'51"E	514.95'
C11	10°57'45"	2713.41'	519.16'	S31°59'51"E	518.37'
C12	10°57'45"	2733.41'	522.99'	S31°59'51"E	522.19'
C13	06°40'31"	826.93'	96.34'	S40°48'59"E	96.29'
C14	06°40'31"	846.93'	98.67'	S40°48'59"E	98.62'
C15	06°40'31"	866.93'	101.00'	S40°48'59"E	100.95'
C16	31°26'59"	688.10'	377.70'	S21°23'50"E	372.98'
C17	31°26'59"	708.10'	388.68'	S21°23'50"E	383.82'
C18	31°26'59"	728.10'	399.66'	S21°23'50"E	394.66'
C19	02°12'15"	1482.25'	57.02'	S38°13'27"E	57.02'
C20	08°12'14"	1482.25'	212.24'	S43°25'42"E	212.06'
C21	10°24'29"	1482.25'	265.62'	S42°19'35"E	265.26'
C22	10°24'29"	1502.25'	272.89'	S42°19'35"E	272.52'
C23	13°04'04"	607.40'	138.53'	S54°03'51"E	138.23'
C24	13°04'04"	627.40'	143.09'	S54°03'51"E	142.78'
C25	13°04'04"	647.40'	147.66'	S54°03'51"E	147.34'
C26	59°56'49"	193.98'	202.95'	S30°37'28"E	193.82'
C27	59°56'49"	153.98'	161.10'	S30°29'26"E	153.86'
C28	32°12'52"	173.98'	97.82'	S44°35'58"E	96.54'
C29	27°43'57"	173.98'	84.21'	S14°31'03"E	83.39'

LINE TABLE

LINE NO.	BEARING	DISTANCE
L11	N89°22'44"E	11.28'
L12	N89°22'44"E	22.23'
L13	N89°22'44"E	22.23'
L14	S26°30'59"E	60.31'
L15	S26°30'59"E	70.02'
L16	S26°30'59"E	79.73'
L17	S12°40'28"E	59.31'
L18	S12°40'28"E	59.31'
L19	S12°40'28"E	59.31'
L24	S37°28'44"E	36.40'
L25	S37°28'44"E	36.40'
L26	S37°28'44"E	36.40'
L27	S44°09'15"E	170.36'
L28	S44°09'15"E	165.46'
L29	S44°09'15"E	160.56'
L30	S16°38'19"E	59.31'
L31	S16°38'19"E	52.50'
L32	S16°38'19"E	45.68'
L33	S05°40'21"E	61.49'
L34	S05°40'21"E	59.57'
L35	S05°40'21"E	57.65'
L36	S37°07'20"E	99.38'
L37	S37°07'20"E	99.38'
L38	S37°07'20"E	99.38'
L39	S47°31'49"E	159.61'
L40	S47°31'49"E	159.61'
L41	S47°31'49"E	159.61'
L42	S60°35'53"E	120.76'
L43	S60°35'53"E	120.76'
L44	S60°35'53"E	120.76'
L45	N00°43'33"E	23.32'
L46	N00°43'33"E	45.97'
L47	N00°43'33"E	45.97'
L56	S26°30'59"E	141.29'
L57	S26°30'59"E	128.12'
L58	S26°30'59"E	77.03'
L59	S26°30'59"E	25.93'
L81	S00°39'04"E	28.79'
L82	S00°39'04"E	28.88'
L83	S00°39'04"E	28.97'

LEGEND

- FOUND MONUMENT AS NOTED
- ⊙ CALCULATED POINT ONLY - NOTHING FOUND OR SET
- ⊙ POWER POLE
- GUY WIRE AND ANCHOR
- ⊠ TELEPHONE PEDESTAL
- R/W LINE
- R/W CENTERLINE
- CENTER-OF-SECTION LINE
- 1/16TH LINE
- EDGE OF TRAVELED ROAD



UMATILLA COUNTY ROAD DEPARTMENT
 5120 MESTGATE
 PENDLETON, OREGON 97601
 PHONE 541/276-5424

HERMISTON AREA ROAD LEGALIZATION SURVEY
 COUNTY ROAD NO. 1327, COTTONWOOD BEND ROAD
 COUNTY ROAD NO. 1328, NORTHWEST LIVESTOCK ROAD

LOCATED IN SECTIONS 19, 30, AND 31
 TOWNSHIP 4 NORTH, RANGE 28 E.W.M.

DATE OF SURVEY: NOVEMBER, 2016
 SHEET 2 OF 5

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

Dary R. Roberts

OREGON
 JULY 20, 1993
 GARY R. ROBERTS
 2627

RENEWS 12/31/2018

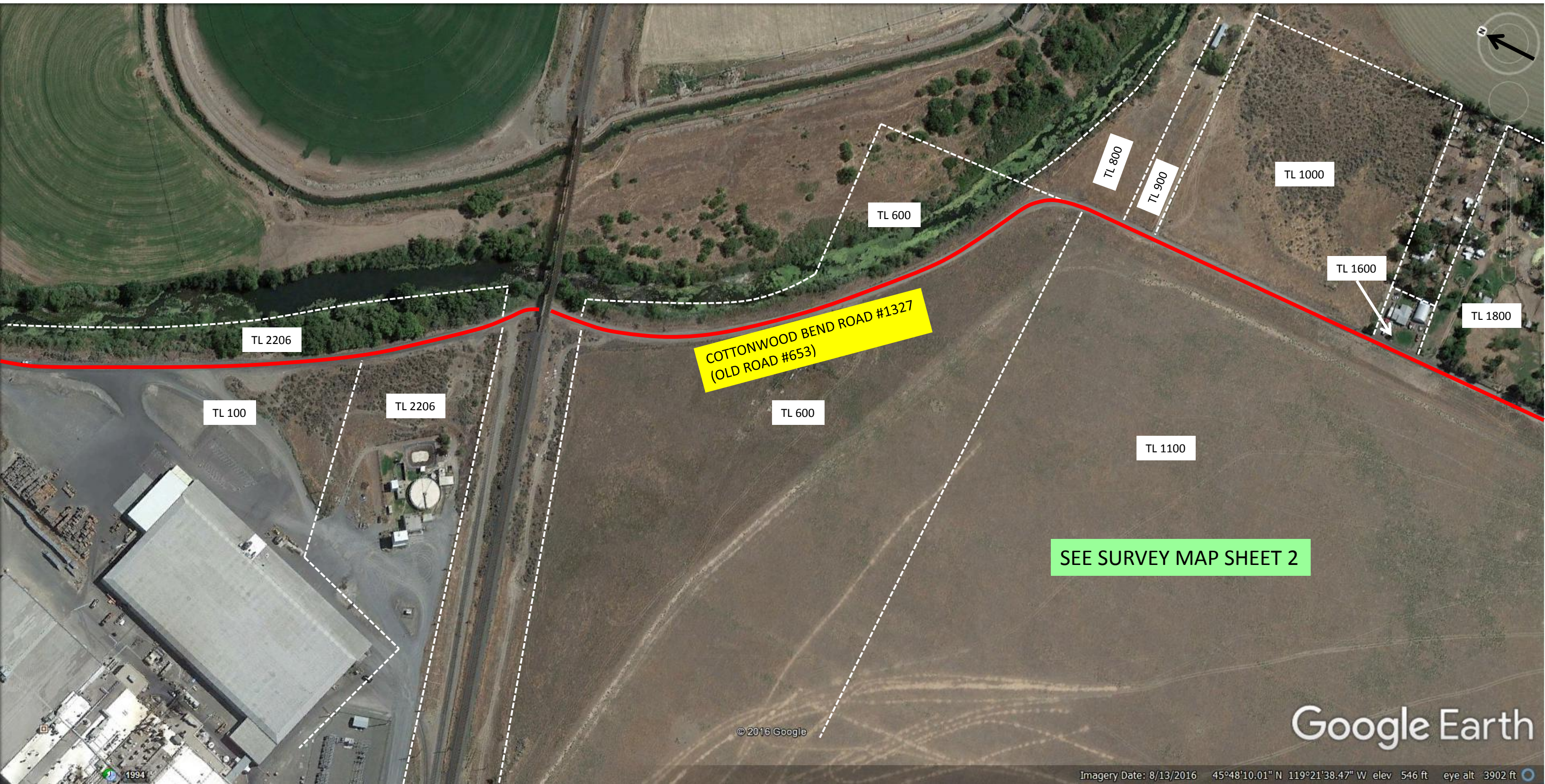
RECEIVED BY
 Umatilla County Surveyor
 Date: 1/11/2017
 Road By: *D.R. Roberts*
 File: 17-001-C

MAP 4N 28 30
 TAX LOT 1100
 LIBERATED L&E, LLC.

MAP 4N 28 30
 TAX LOT 1500
 HENRY & PAUL STRAND

MAP 4N 28 30
 TAX LOT 1500
 HENRY & PAUL STRAND

MAP 4N 28 30
 TAX LOT 1500
 HENRY & PAUL STRAND



NORTHWEST LIVESTOCK ROAD AND COTTONWOOD BEND ROAD LEGALIZATION SURVEY

C-E 1/16TH CORNER SECTION 30. FOUND 5/8" IRON REBAR WITH RED PLASTIC CAP SET BY PLS 1106, SURVEY 16-083-C, AT STATION "CWB" 58+00.85 P.O.T., 16.63' RT. MONUMENT "E".

FOUND 5/8" IRON REBAR WITH RED PLASTIC CAP SET BY PLS 1106, SURVEY 16-083-C, AT STATION "CWB" 65+40.27 P.O.T., 10.38' RT. MONUMENT "F".

LINE TABLE

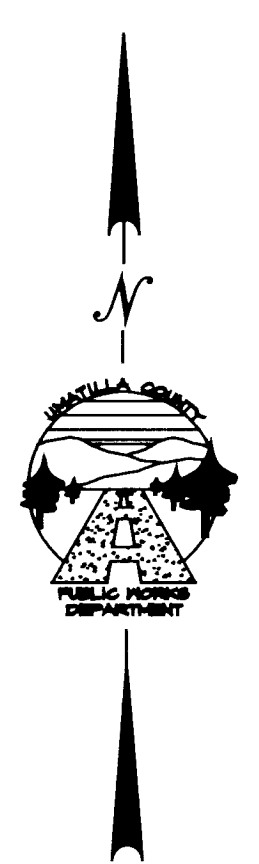
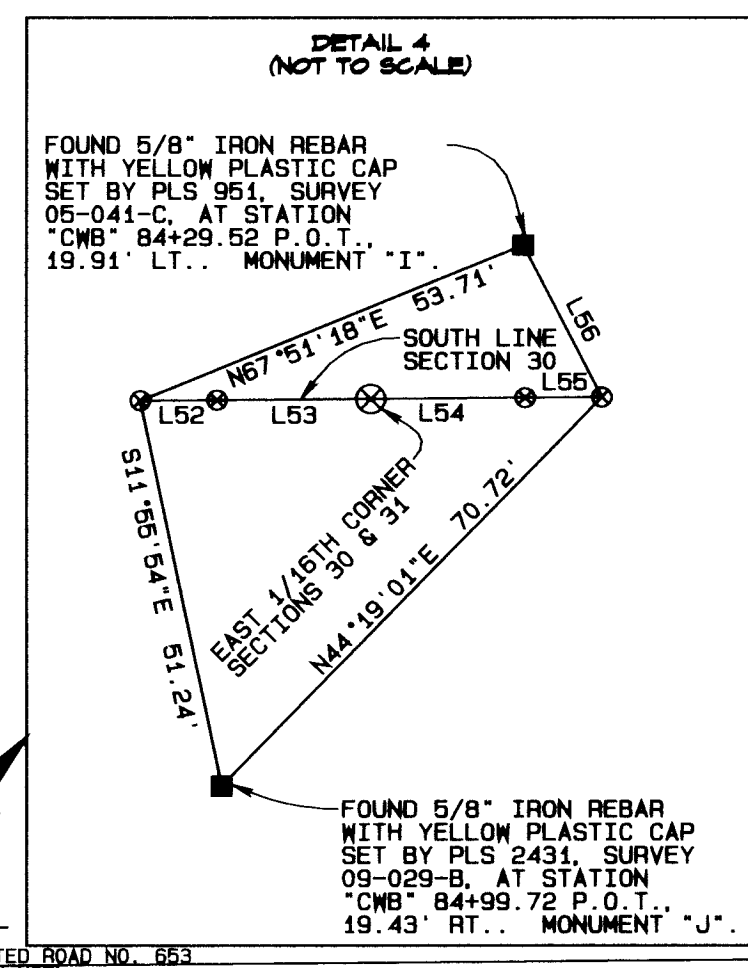
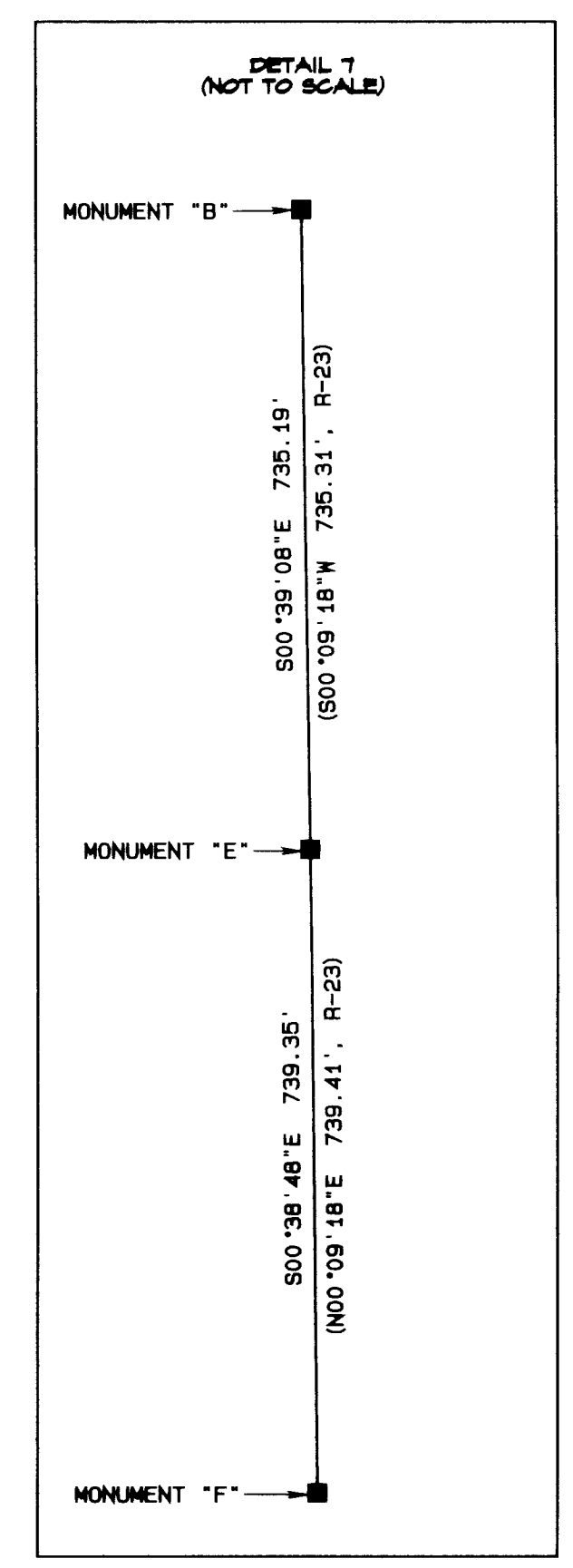
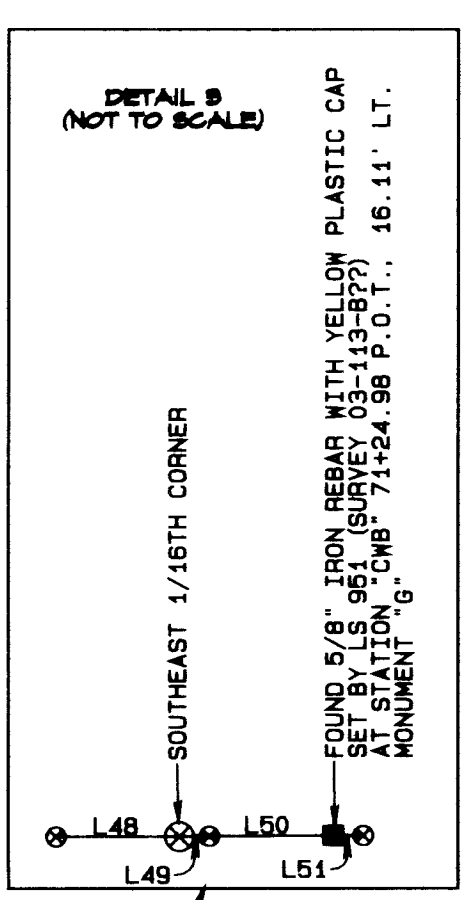
LINE NO.	BEARING	DISTANCE
L48	N89°51'29"E	16.10'
L49	N89°16'35"E	3.90'
L50	N89°38'00"E	16.11'
L51	S89°45'43"E	3.89'
L52	N89°33'13"E	10.00'
L53	N89°33'13"E	20.00'
L54	N89°33'13"E	20.00'
L55	N89°33'13"E	10.00'
L56	S27°24'13"E	22.28'

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

POINT DESCRIPTION	NORTHING	EASTING
C-E 1/16TH CORNER SEC. 30 (WELLS REBAR W/CAP)	779,569.29	8,493,412.27
EAST 1/4 COR. SEC. 30 (CALCULATED)	779,571.52	8,494,736.98
SOUTH 1/16TH COR. SECS. 29 & 30 (CALCULATED)	778,246.37	8,494,749.88
SOUTHEAST 1/16TH COR. SEC. 30 (CALCULATED)	778,235.14	8,493,427.27
EAST 1/16TH COR. SECS 30 & 31 (CALCULATED)	776,910.94	8,493,442.27
SOUTHEAST COR. SEC. 30 (BRASS CAP)	776,921.23	8,494,762.78
MONUMENT "F" (WELLS REBAR W/CAP)	778,819.99	8,493,420.61
MONUMENT "G" (EDWARDS REBAR W/CAP)	778,235.29	8,493,447.28
MONUMENT "H" (LEWIS REBAR W/CAP)	777,490.54	8,493,415.61
MONUMENT "I" (EDWARDS REBAR W/CAP)	776,930.95	8,493,462.02
MONUMENT "J" (MCKINNIS REBAR W/CAP)	776,860.57	8,493,422.87
STA "CWB" 58+62.93 P.O.T., CL (CALCULATED)	779,797.32	8,493,427.28
STA "CWB" 60+89.07 P.I., CL (CALCULATED)	779,271.19	8,493,430.86
STA "CWB" 71+25.08 P.I., CL (CALCULATED)	778,235.18	8,493,431.17

- LEGEND
- FOUND SECTION MONUMENT AS NOTED
 - FOUND MONUMENT AS NOTED
 - ⊙ CALCULATED POINT ONLY - NOTHING FOUND OR SET
 - ⊙ POWER POLE
 - GUY WIRE AND ANCHOR
 - TELEPHONE PEDESTAL
 - R/W LINE
 - R/W CENTERLINE
 - CENTER-OF-SECTION LINE
 - 1/16TH LINE
 - - - EDGE OF TRAVELED ROAD

FOR SURVEY RECORDS AND SECTION LINE DETAILS, SEE INDEX SHEET; FOR SURVEY NARRATIVE, SEE SHEET 5



MEASURED BEARINGS AND DISTANCES ARE NAD 83(11) GRID
ROTATE MEASURED BEARINGS SHOWN 0°49'04" CLOCKWISE TO OBTAIN TRUE BEARINGS
MULTIPLY MEASURED DISTANCES SHOWN BY A COMBINED SCALE AND ELEVATION FACTOR OF 1.00006646 TO OBTAIN GROUND DISTANCE

MAP 4N 28 30 TAX LOT 1100 LIBERATED L&E, LLC

MAP 4N 28 30 TAX LOT 1800 MERRY SUSAN BELL

MAP 4N 28 30 TAX LOT 1400 CRESS & MARY BUCKALEW

MAP 4N 28 30 TAX LOT 2100 LIBERATED L&E, LLC

MAP 4N 28C TAX LOT 3000 SNAKCORP, INC.

MAP 4N 28 30 TAX LOT 2100 LIBERATED L&E, LLC

MAP 4N 28C TAX LOT 3000 SNAKCORP, INC.

MAP 4N 28 30 TAX LOT 2000 LIBERATED L&E, LLC

MAP 4N 28 31 TAX LOT 100 WESTLAND IRRIGATION DISTRICT

UMATILLA COUNTY ROAD DEPARTMENT
3420 WESTGATE
PENDLETON, OREGON 97801
PHONE 541/270-3424

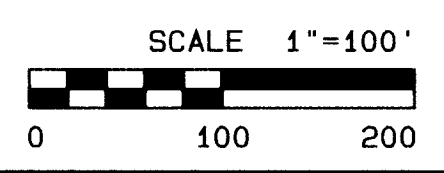
HERMISTON AREA ROAD LEGALIZATION SURVEY
COUNTY ROAD NO. 1327, COTTONWOOD BEND ROAD
COUNTY ROAD NO. 1328, NORTHWEST LIVESTOCK ROAD

LOCATED IN SECTIONS 19, 30, AND 31
TOWNSHIP 4 NORTH, RANGE 28 E.M.M.

DATE OF SURVEY: NOVEMBER, 2016

SHEET 3 OF 5

MAP 4N 28 31 TAX LOT 100 ELDON MCDANIELS



REGISTERED PROFESSIONAL LAND SURVEYOR

Jay R. Roberts

OREGON
JULY 20, 1993
GARY R. ROBERTS
2627

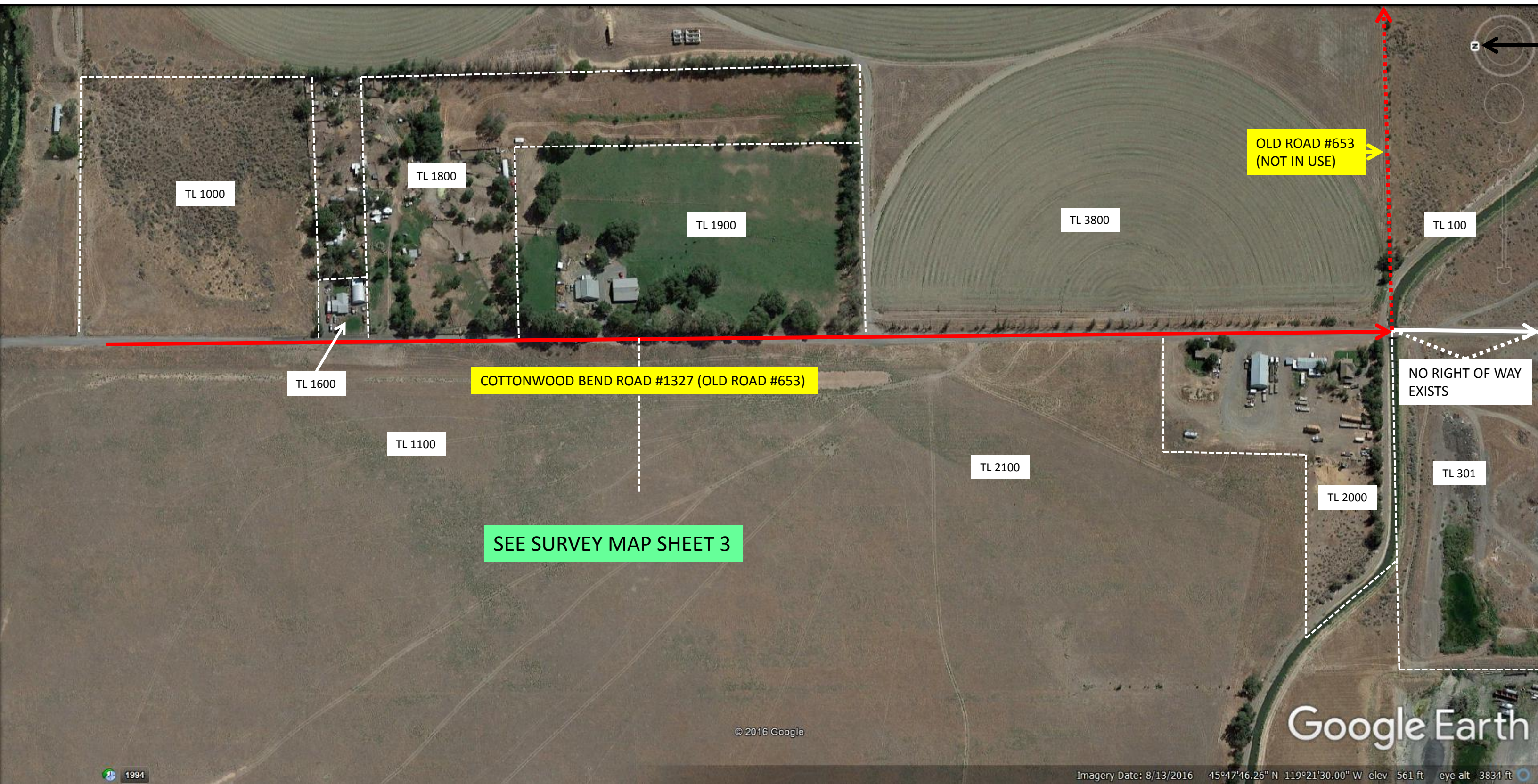
RENEWS 12/31/2018

RECEIVED BY
Umatilla County Surveyor
Date: 1/4/2017
Rec'd By: *J.R. Roberts*
Map: 17-001-C

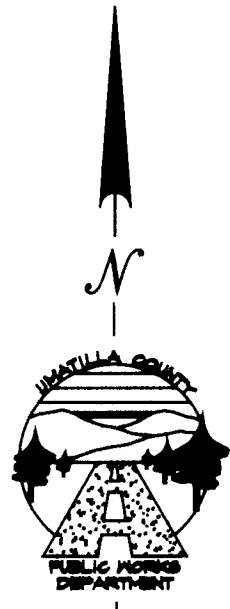
NORTHWEST LIVESTOCK ROAD AND COTTONWOOD BEND ROAD LEGALIZATION SURVEY

N00°33'25"W 1325.21'
N00°33'29"W 1325.21'

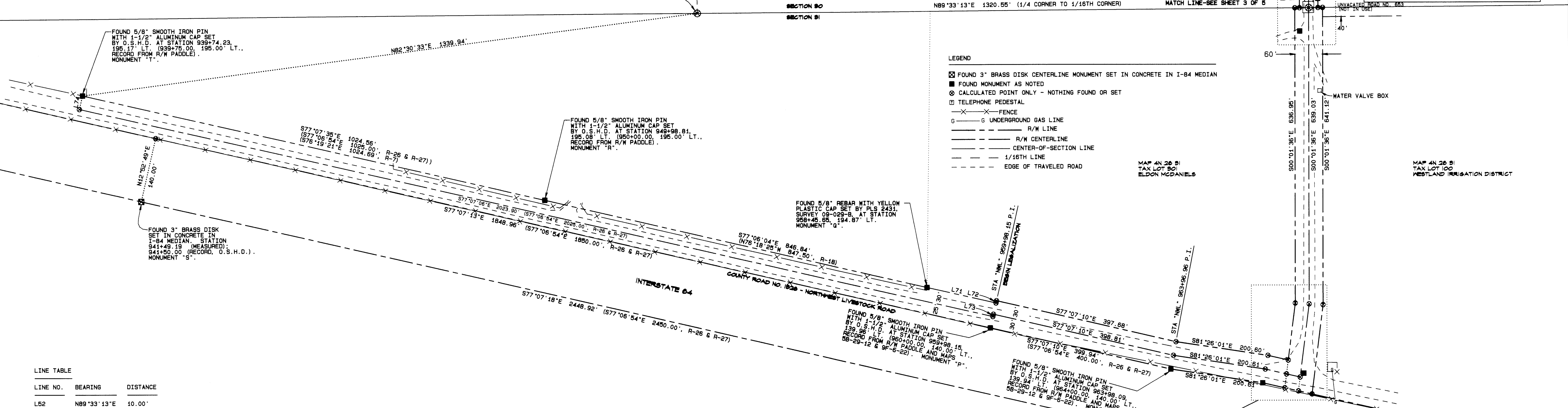
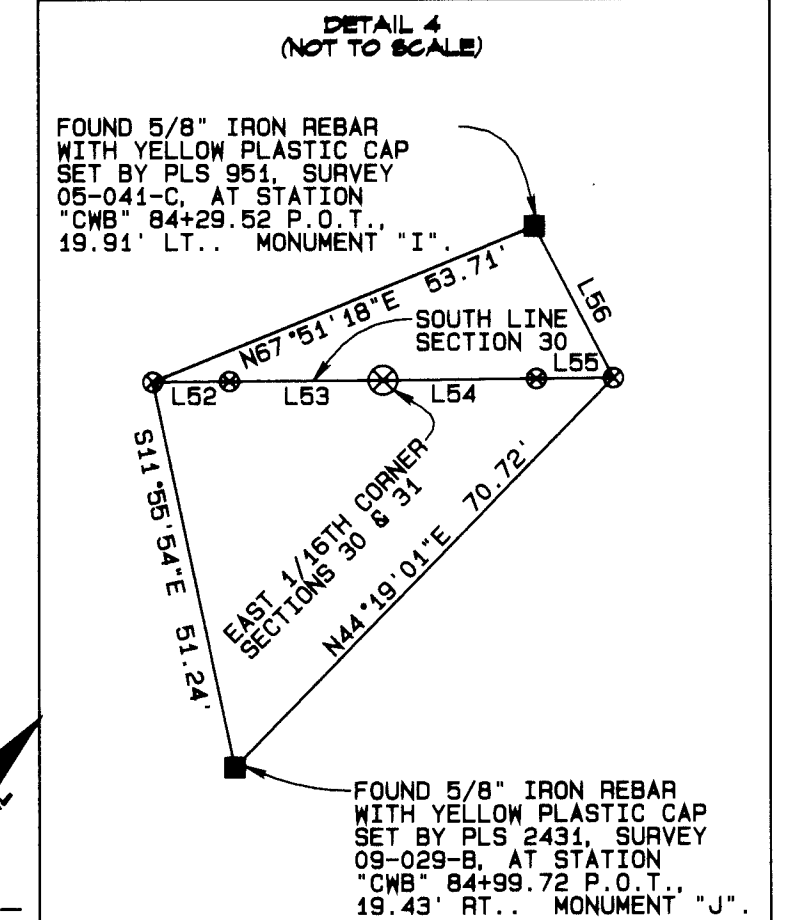
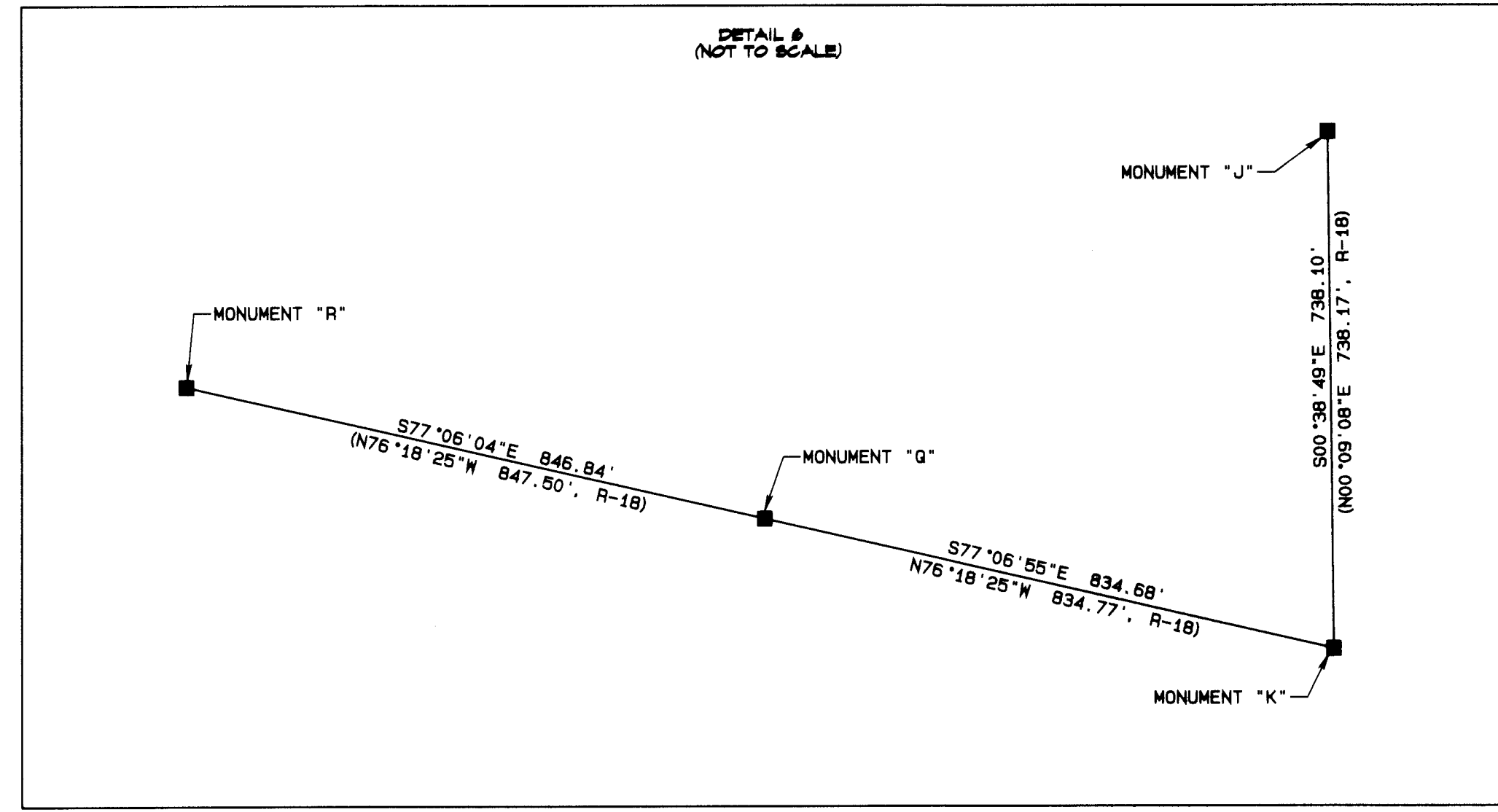
UMATILLA COUNTY ROAD DEPARTMENT
3420 WESTGATE
PENDLETON, OREGON 97801
PHONE 541/270-3424



NORTHWEST LIVESTOCK ROAD AND COTTONWOOD BEND ROAD LEGALIZATION SURVEY



MEASURED BEARINGS AND DISTANCES ARE NAD '83(91) GRID
 ROTATE MEASURED BEARINGS SHOWN 0°46'04" CLOCKWISE TO OBTAIN TRUE BEARINGS
 MULTIPLY MEASURED DISTANCES SHOWN BY A COMBINED SCALE AND ELEVATION FACTOR OF 1.00006646 TO OBTAIN GROUND DISTANCE

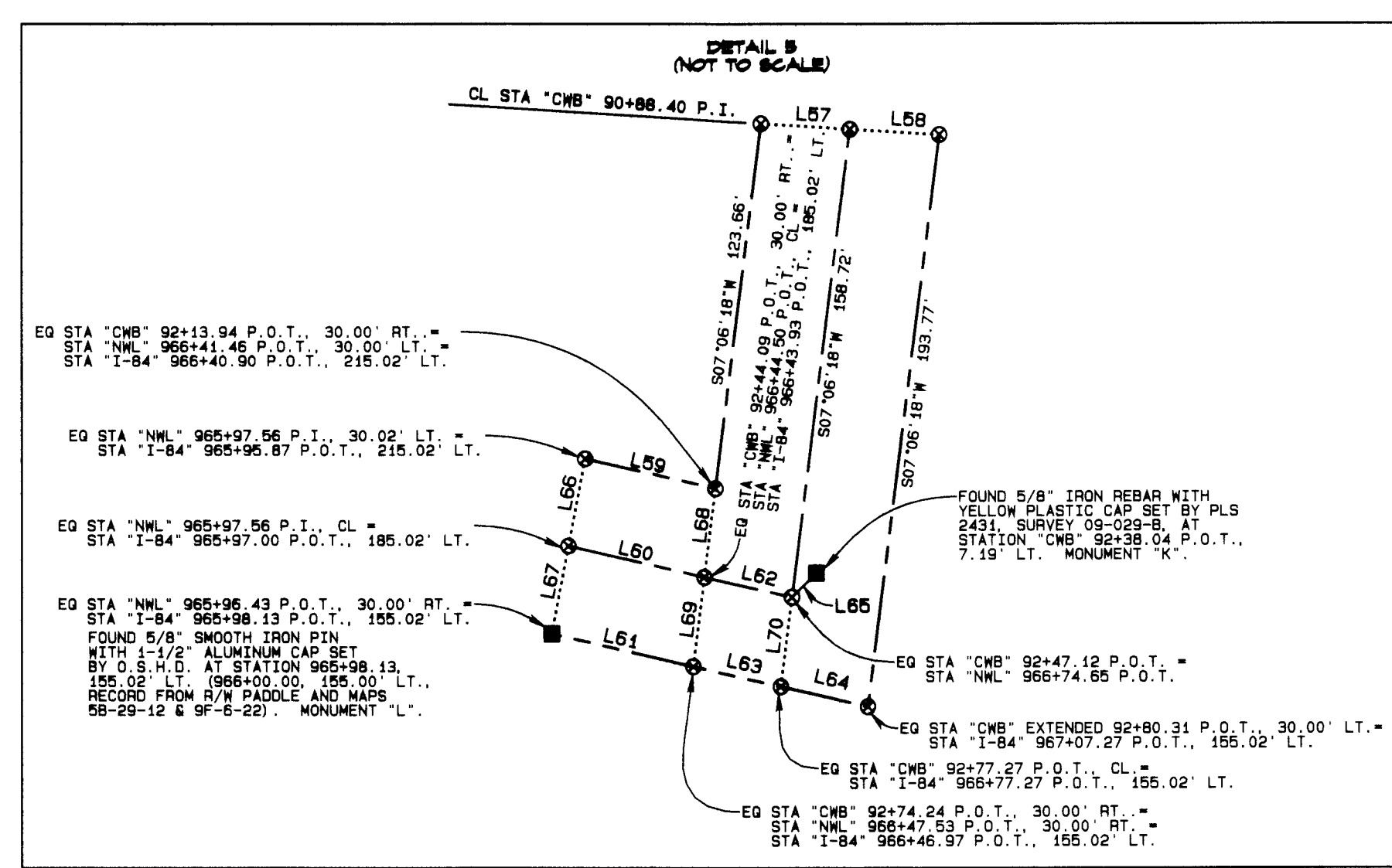


LINE TABLE

LINE NO.	BEARING	DISTANCE
L52	N89°33'13"E	10.00'
L53	N89°33'13"E	20.00'
L54	N89°33'13"E	20.00'
L55	N89°33'13"E	10.00'
L56	S27°24'13"E	22.28'
L57	S86°27'39"E	30.06'
L58	S86°27'39"E	30.06'
L59	S77°07'21"E	45.03'
L60	S77°07'21"E	46.93'
L61	S77°07'21"E	48.84'
L62	S77°07'21"E	30.15'
L63	S77°07'21"E	30.15'
L64	S77°07'21"E	30.15'
L65	S45°29'31"W	11.58'
L66	S10°43'19"W	30.02'
L67	S10°43'19"W	30.02'
L68	S07°06'19"W	30.15'
L69	S07°06'19"W	30.15'
L70	S07°06'19"W	30.15'
L71	S77°08'10"E N76°18'25"W	152.50' 152.50', R-18)
L72	S12°52'42"W	5.00'
L73	S12°52'42"W	5.00'
L74	S12°52'25"W	30.02'

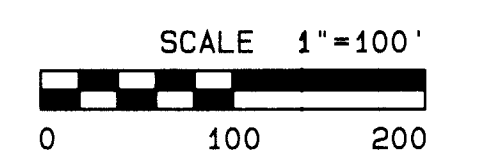
STATE PLANE COORDINATES
 OREGON NORTH ZONE 3601 - NAD '83 ('91) - INTERNATIONAL FEET

POINT DESCRIPTION	NORTHING	EASTING
EAST 1/16TH COR. SECS 30 & 31 (CALCULATED)	776,910.94	8,493,442.27
SOUTH 1/4 COR. SEC. 30 (CALCULATED)	776,900.65	8,492,121.76
MONUMENT "H" (LEWIS REBAR W/CAP)	777,490.54	8,493,415.61
MONUMENT "I" (EDWARDS REBAR W/CAP)	776,930.95	8,493,462.02
MONUMENT "J" (MCKINNIS REBAR W/CAP)	776,860.57	8,493,422.87
MONUMENT "K" (MCKINNIS REBAR W/CAP)	776,122.53	8,493,431.20
MONUMENT "L" (OSHD SMOOTH IRON PIN W/CAP)	776,102.09	8,493,342.21
MONUMENT "M" (OSHD 3" BRASS DISK IN CONCRETE)	776,950.75	8,493,307.63
MONUMENT "O" (OSHD SMOOTH IRON PIN W/CAP)	776,131.97	8,493,143.84
MONUMENT "P" (OSHD SMOOTH IRON PIN W/CAP)	776,221.12	8,492,753.96
MONUMENT "Q" (MCKINNIS REBAR W/CAP)	776,308.65	8,492,617.54
MONUMENT "R" (OSHD SMOOTH IRON PIN W/CAP)	776,497.69	8,491,792.06
MONUMENT "S" (OSHD 3" BRASS DISK IN CONCRETE)	776,496.79	8,490,920.32
MONUMENT "T" (OSHD SMOOTH IRON PIN W/CAP)	776,725.97	8,490,793.26
STA "CWB" 92+47.12 P.O.T., CL (CALCULATED)	776,114.41	8,493,422.94
STA "NWL" 965+97.56 P.I., CL (CALCULATED)	776,131.59	8,493,347.79
STA "NWL" 963+96.96 P.I., CL (CALCULATED)	776,161.47	8,493,149.42
STA "NWL" 959+98.15 P.O.T., CL (CALCULATED)	776,250.37	8,492,760.65



FOR SURVEY RECORDS AND SECTION LINE DETAILS, SEE INDEX SHEET;
 FOR SURVEY NARRATIVE, SEE SHEET 5

RECEIVED BY
 Umatilla County Surveyor
 Date: 1/4/2017
 Rec'd By: [Signature]
 No: 17-001-C



REGISTERED PROFESSIONAL LAND SURVEYOR
 [Signature]
 OREGON
 GARY R. ROBERTS
 2627
 RENEWS 12/31/2018

UMATILLA COUNTY ROAD DEPARTMENT
 3420 WESTGATE
 PENDLETON, OREGON 97001
 PHONE 541/278-3424

HERMISTON AREA ROAD LEGALIZATION SURVEY
 COUNTY ROAD NO. 1327, COTTONWOOD BEND ROAD
 COUNTY ROAD NO. 1328, NORTHWEST LIVESTOCK ROAD

LOCATED IN SECTIONS 19, 30, AND 31
 TOWNSHIP 4 NORTH, RANGE 26 E.N.W.

DATE OF SURVEY: NOVEMBER, 2016
 SHEET 4 OF 5



SEE SURVEY MAP SHEET 4

TL 2100

TL 3800

TL 2000

COTTONWOOD BEND ROAD #1327
(OLD ROAD #653)

OLD ROAD #653 (NOT IN USE)

TL 301

NO RIGHT OF WAY EXISTS

TL 100

NORTHWEST LIVESTOCK ROAD

INTERSTATE 84

NO RIGHT OF WAY EXISTS

Google Earth

© 2016 Google

Imagery Date: 8/13/2016 45°47'29.41" N 119°21'37.99" W elev 541 ft eye alt 3309 ft

1994

NORTHWEST LIVESTOCK ROAD AND COTTONWOOD BEND ROAD LEGALIZATION SURVEY

SURVEY NARRATIVE

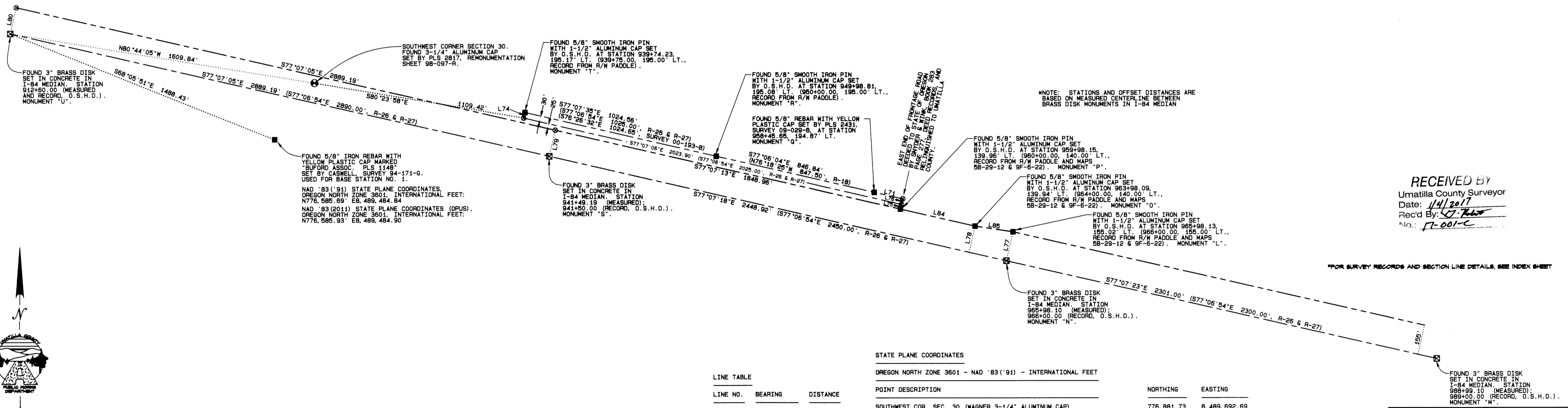
THE PURPOSE OF THIS SURVEY WAS TO MONUMENT PORTIONS OF COUNTY ROAD NO. 1327, COTTONWOOD BEND ROAD, AND COUNTY ROAD NO. 1328, NORTHWEST LIVESTOCK ROAD FOR LEGALIZATION PURPOSES AFTER FINDING THAT THE LOCATIONS OF THE ROADS EITHER DO NOT MATCH EXISTING ROAD RECORDS OR RIGHT OF WAY INFORMATION IS MISSING ENTIRELY.

THE WEST END OF THE PORTION OF NORTHWEST LIVESTOCK ROAD THAT IS THE SUBJECT OF THIS LEGALIZATION PROCEEDING IS THE EAST END OF THE FRONTAGE ROAD DEEDED TO THE OREGON STATE HIGHWAY DIVISION BY SNOYDER AND WINK, BOOK 283, PAGE 277, DEED RECORDS. IT WAS LATER RELINQUISHED TO UMATILLA COUNTY. FROM THE EAST END OF THIS FRONTAGE ROAD SOUTHEASTERLY ALONG THE NORTH SIDE OF INTERSTATE 84 TO COTTONWOOD BEND ROAD, NO LEGAL RIGHT OF WAY EXISTS. AN ATTEMPT WAS MADE TO DEDICATE A STRIP OF LAND 66 FEET IN WIDTH (MATCHING THAT OF THE EXISTING FRONTAGE ROAD) IN 2008 (SEE BOUNDARY LINE ADJUSTMENT APPLICATION RECORDED IN REEL 537, PAGE 76, DEED RECORDS) BUT NO FORMAL DEED OR DEDICATION WAS EVER RECORDED OR ACCEPTED BY UMATILLA COUNTY. THERE IS ALSO AN ERROR IN THE SURVEY FROM WHICH THE DESCRIPTION ON THE BOUNDARY LINE ADJUSTMENT WAS MADE, AS AN ANGLE POINT IN THE NORTHERLY RIGHT OF WAY LINE OF INTERSTATE 84 WAS OVERLOOKED. THERE IS ALSO NO LEGAL RIGHT OF WAY FOR COTTONWOOD BEND ROAD FROM ITS INTERSECTION WITH NORTHWEST LIVESTOCK ROAD NORTH TO THE BRIDGE OVER THE WESTLAND IRRIGATION DISTRICT CANAL (THE EAST 1/16TH CORNER COMMON TO SECTIONS 30 AND 31). BOTH PORTIONS OF THESE ROADS WERE MONUMENTED AT A WIDTH OF 60 FEET IN ANTICIPATION OF LEGALIZING THEM AT THAT WIDTH (SEE ORS 368.206, ORS 368.036, AND UMATILLA COUNTY DEVELOPMENT CODES CHAPTER 152.684).

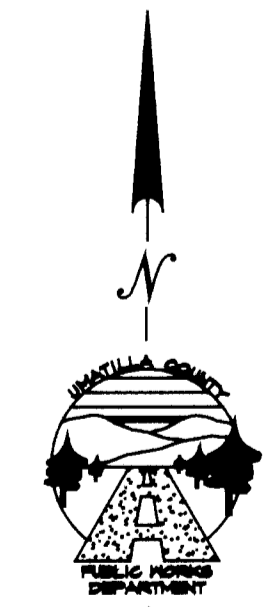
COTTONWOOD BEND ROAD FROM ITS INTERSECTION WITH THE WESTLAND IRRIGATION DISTRICT CANAL NORTH TO WESTLAND ROAD IS A PORTION OF COUNTY ROAD NO. 663, ESTABLISHED IN 1908. THE ROAD RAN WEST BETWEEN SECTIONS 30 AND 31 TO THE EAST 1/16TH CORNER COMMON TO THE TWO SECTIONS (ANGLE POINT 13) AND THEN TURNED AND RAN NORTH ALONG THE CENTERLINE OF THE EAST 1/2 OF SECTION 30 TO A POINT IN THE NORTHEAST 1/4 OF THE SECTION (ANGLE POINT 14). THEN TURNED NORTHWEST AND RAN TO A POINT ON THE NORTH-SOUTH CENTERLINE OF SECTION 30 (ANGLE POINT 15). IT THEN CONTINUED NORTH ALONG THE NORTH-SOUTH CENTERLINES OF SECTION 30 AND 19 TO A POINT NEAR THE UMATILLA RIVER IN SECTION 19 (ANGLE POINT 16) WHERE IT TURNED NORTHWEST TO ANGLE POINT 17 AND THEN NORTHEAST, ROUGHLY FOLLOWING THE BEND IN THE RIVER, TO A POINT BACK ON THE NORTH-SOUTH CENTERLINE OF SECTION 19 (ANGLE POINT 18) WHERE IT CONTINUED NORTH ALONG THE NORTH-SOUTH CENTERLINE OF THE SECTION. ANGLE POINT 14 IS APPROXIMATELY 230 FEET FROM WHERE THE ROAD TURNS TO THE NORTHWEST NOW. ANGLE POINT 15 IS APPROXIMATELY 600 FEET FROM THE CENTER OF THE EXISTING ROAD. ANGLE POINTS 16, 17, AND 18 ARE CLOSE TO THE EXISTING ROAD CENTERLINE. IN 1915 AN ATTEMPT WAS MADE TO REALIGN A PORTION OF ROAD NO. 663 IN SECTION 30 BY VACATING A PORTION OF IT AND ESTABLISHING A NEW ROAD, ROAD NO. 775. BETWEEN THE VACATED POINTS, THE NORTH END OF ROAD 775 IS APPROXIMATELY 230 FEET FROM THE EXISTING CENTERLINE. THE SOUTH END OF ROAD 775 IS APPROXIMATELY 400 FEET FROM THE EXISTING CENTERLINE. IT APPEARS COTTONWOOD BEND ROAD HAS BEEN REALIGNED SOME TIME AFTER 1915, BUT NO RECORDS OF THIS HAPPENING EXIST. THE ROAD WAS MONUMENTED IN THIS SURVEY AT A WIDTH OF 40 FEET. THE WIDTH OF ROAD 663, ANOTHER ISSUE WITH THIS PORTION OF THE ROAD IS THAT THE NORTH-SOUTH PORTIONS OF THE TRAVELED ROAD VARY FROM THE RECORD LOCATION ENOUGH THAT HOLDING THE PHYSICAL CENTERLINE LOCATION AND OFFSETTING 20 FEET EACH DIRECTION WOULD CREATE A GAP BETWEEN THE RIGHT OF WAY LINE AND TAX LOT 800 IN SECTION 19 AND TAX LOTS 600 AND 1100 IN SECTION 30. HOLDING THE RECORD CENTERLINE LOCATION AND OFFSETTING 20 FEET EACH DIRECTION WOULD CAUSE PORTIONS OF THE TRAVELED ROAD TO LIE OUTSIDE THE RIGHT OF WAY. LEGALIZING THE ROAD AS MONUMENTED IN THIS SURVEY WOULD CONTAIN THE TRAVELED ROAD WITHIN THE RIGHT OF WAY AND ELIMINATE ANY GAP PROBLEMS.

EQUIPMENT USED IN THIS SURVEY WAS A LEICA VIVA RTK GPS SYSTEM. A 5/8" REBAR WITH YELLOW PLASTIC CAP NAMED "STATION 0614" SET IN THE SOUTHWEST QUADRANT OF THE INTERSTATE 84/WESTLAND ROAD INTERCHANGE BY WALTER CASWELL (SURVEY 94-171-6) WAS USED AS ONE BASE STATION AND A HUB AND TACK SET NEAR THE NORTH END OF THE PROJECT WAS USED AS A SECOND BASE STATION. THE POSITION OF THE HUB AND TACK WAS MEASURED FROM STATION 0614 AND CHECKED BY OBTAINING NAD '83 (2011) OPUS SOLUTIONS FOR BOTH THE HUB AND TACK AND STATION 0614. COORDINATE VALUES SHOWN ON THIS MAP ARE NAD '83 ('91) AND WERE OBTAINED FROM THE PUBLISHED COORDINATES FOR STATION 0614. TO OBTAIN NAD '83 (2011) COORDINATES, SHIFT NAD '83 ('91) COORDINATES SHOWN 0.23' NORTH AND 0.07' EAST. THE RIGHT OF WAY WILL BE MONUMENTED UPON COMPLETION OF THE LEGALIZATION PROCEEDING IN FEBRUARY, 2017.

INTERSTATE 84 R/W DETAIL

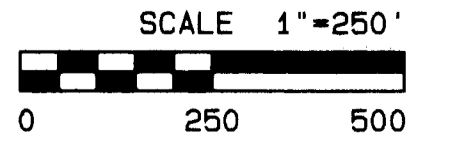


RECEIVED BY
Umatilla County Surveyor
Date: 11/1/2017
Rec'd By: [Signature]
No.: 17-001-C



MEASURED BEARINGS AND DISTANCES ARE NAD '83 ('91) GRID
ROTATE MEASURED BEARINGS SHOWN 0°48'04" CLOCKWISE TO OBTAIN TRUE BEARINGS
MULTIPLY MEASURED DISTANCES SHOWN BY A COMBINED SCALE AND ELEVATION FACTOR OF 1.00008846 TO OBTAIN GROUND DISTANCE

- LEGEND
- FOUND SECTION MONUMENT AS NOTED
 - FOUND 3" BRASS DISK CENTERLINE MONUMENT SET IN CONCRETE IN I-84 MEDIAN
 - FOUND MONUMENT AS NOTED
 - ⊙ CALCULATED POINT ONLY - NOTHING FOUND OR SET
 - R/W LINE
 - R/W CENTERLINE



LINE NO.	BEARING	DISTANCE
L71	S77°09'10"E (N76°18'25"W)	152.50' 152.50', R-18)
L74	S12°52'25"W	30.02'
L75	S12°52'42"W	25.00'
L76	S12°52'42"W	30.00'
L77	S12°53'15"W	155.02'
L78	S12°52'49"W	139.94'
L79	S12°52'49"W	140.00'
L80	S12°52'49"W	140.00'
L84	S77°07'10"E	399.94'
L85	S81°26'01"E	200.61'

STATE PLANE COORDINATES		
OREGON NORTH ZONE 3601 - NAD '83 ('91) - INTERNATIONAL FEET		
POINT DESCRIPTION	NORTHING	EASTING
SOUTHWEST COR. SEC. 30 (MAGNER 3-1/4" ALUMINUM CAP)	776,881.73	8,489,692.69
MONUMENT "L" (OSHD SMOOTH IRON W/CAP)	776,102.09	8,493,342.21
MONUMENT "M" (OSHD 3" BRASS DISK IN CONCRETE)	776,438.17	8,495,550.76
MONUMENT "N" (OSHD 3" BRASS DISK IN CONCRETE)	776,960.75	8,493,307.63
MONUMENT "O" (OSHD SMOOTH IRON PIN W/CAP)	776,131.97	8,493,143.84
MONUMENT "P" (OSHD SMOOTH IRON PIN W/CAP)	776,221.12	8,492,753.96
MONUMENT "Q" (MCKINNIS REBAR W/CAP)	776,308.65	8,492,617.54
MONUMENT "R" (OSHD SMOOTH IRON PIN W/CAP)	776,497.69	8,491,792.06
MONUMENT "S" (OSHD 3" BRASS DISK IN CONCRETE)	776,498.79	8,490,920.32
MONUMENT "T" (OSHD SMOOTH IRON PIN W/CAP)	776,725.97	8,490,793.26
MONUMENT "U" (OSHD 3" BRASS DISK IN CONCRETE)	777,140.92	8,488,103.65

REGISTERED PROFESSIONAL LAND SURVEYOR
[Signature]
OREGON
JULY 20, 1993
GARY R. ROBERTS
2627
RENEWS 12/31/2018

UMATILLA COUNTY ROAD DEPARTMENT
9120 WESTGATE
PENDLETON, OREGON 97601
PHONE 341/276-5424

HERMISTON AREA ROAD LEGALIZATION SURVEY
COUNTY ROAD NO. 1327, COTTONWOOD BEND ROAD
COUNTY ROAD NO. 1328, NORTHWEST LIVESTOCK ROAD
LOCATED IN SECTIONS 19, 30, AND 31
TOWNSHIP 4 NORTH, RANGE 28 E.W.M.
DATE OF SURVEY: NOVEMBER, 2016
SHEET 5 OF 5