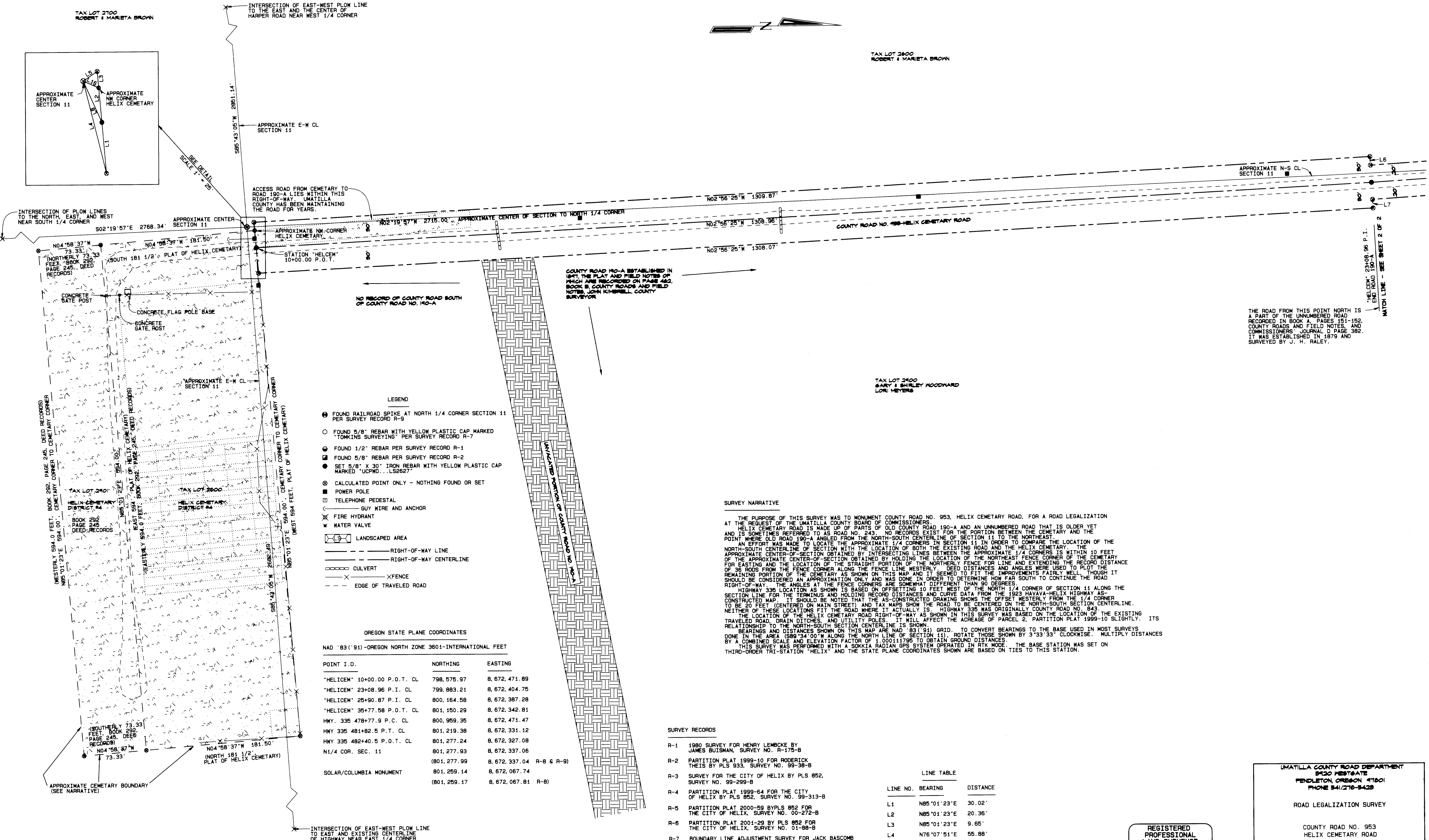
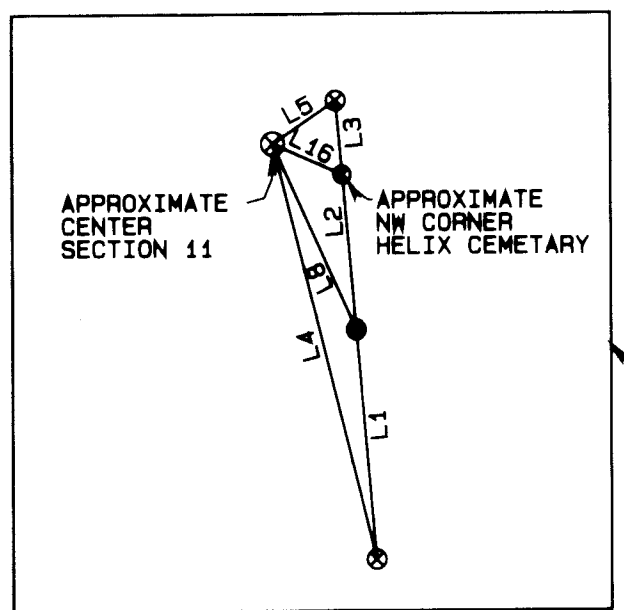


HELIX CEMETARY ROAD LEGALIZATION SURVEY



TAX LOT 2100
ROBERT & MARIETA BROWN

TAX LOT 2800
ROBERT & MARIETA BROWN



- LEGEND
- FOUND RAILROAD SPIKE AT NORTH 1/4 CORNER SECTION 11 PER SURVEY RECORD R-9
 - FOUND 5/8" REBAR WITH YELLOW PLASTIC CAP MARKED TOMKINS SURVEYING PER SURVEY RECORD R-7
 - FOUND 1/2" REBAR PER SURVEY RECORD R-1
 - FOUND 5/8" REBAR PER SURVEY RECORD R-2
 - SET 5/8" X 30" IRON REBAR WITH YELLOW PLASTIC CAP MARKED "UCPMD...LS2627"
 - ⊙ CALCULATED POINT ONLY - NOTHING FOUND OR SET
 - POWER POLE
 - TELEPHONE PEDESTAL
 - ⊕ GUY WIRE AND ANCHOR
 - ⊕ FIRE HYDRANT
 - ⊕ WATER VALVE
 - ▨ LANDSCAPED AREA
 - RIGHT-OF-WAY LINE
 - RIGHT-OF-WAY CENTERLINE
 - CULVERT
 - ⊗ FENCE
 - - - EDGE OF TRAVELED ROAD

OREGON STATE PLANE COORDINATES

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

POINT I.D.	NORTHING	EASTING
"HELIXEM" 10+00.00 P.O.T. CL	798,875.97	8,672,471.89
"HELIXEM" 23+08.96 P.I. CL	799,883.21	8,672,404.75
"HELIXEM" 25+90.87 P.I. CL	800,164.58	8,672,387.28
"HELIXEM" 35+77.58 P.O.T. CL	801,150.29	8,672,342.81
HWY. 335 478+77.9 P.C. CL	800,969.35	8,672,471.47
HWY 335 481+82.5 P.T. CL	801,219.38	8,672,331.12
HWY 335 482+40.5 P.O.T. CL	801,277.24	8,672,327.08
N1/4 COR. SEC. 11	801,277.99	8,672,337.04
	(801,277.99	8,672,337.04 R-8 & R-9)
SOLAR/COLUMBIA MONUMENT	801,259.14	8,672,067.74
	(801,259.14	8,672,067.81 R-8)

SURVEY NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO MONUMENT COUNTY ROAD NO. 953, HELIX CEMETARY ROAD, FOR A ROAD LEGALIZATION AT THE REQUEST OF THE UMATILLA COUNTY BOARD OF COMMISSIONERS.

HELIX CEMETARY ROAD IS MADE UP OF PARTS OF OLD COUNTY ROAD 190-A AND AN UNNUMBERED ROAD THAT IS OLDER YET AND IS SOMETIMES REFERRED TO AS ROAD NO. 243. NO RECORDS EXIST FOR THE PORTION BETWEEN THE CEMETARY AND THE POINT WHERE OLD ROAD 190-A ANGLED FROM THE NORTH-SOUTH CENTERLINE OF SECTION 11 TO THE NORTHEAST.

AN EFFORT WAS MADE TO LOCATE THE APPROXIMATE 1/4 CORNERS IN SECTION 11 IN ORDER TO COMPARE THE LOCATION OF THE NORTH-SOUTH CENTERLINE OF SECTION 11 WITH THE LOCATION OF BOTH THE EXISTING ROAD AND THE HELIX CEMETARY. THE APPROXIMATE CENTER-OF-SECTION OBTAINED BY INTERSECTING LINES BETWEEN THE APPROXIMATE 1/4 CORNERS IS WITHIN 10 FEET OF THE APPROXIMATE CENTER-OF-SECTION OBTAINED BY HOLDING THE LOCATION OF THE NORTHEAST FENCE CORNER OF THE CEMETARY FOR EASTING AND THE LOCATION OF THE STRAIGHT PORTION OF THE NORTHERLY FENCE FOR LINE AND EXTENDING THE RECORD DISTANCE OF 35 FEET FROM THE FENCE CORNER ALONG THE FENCE LINE WESTERLY. DEED DISTANCES AND ANGLES WERE USED TO PLOT THE REMAINING PORTION OF THE CEMETARY AS SHOWN ON THIS MAP AND IT SEEMED TO FIT THE IMPROVEMENTS FAIRLY WELL, THOUGH IT SHOULD BE CONSIDERED AN APPROXIMATION ONLY AND WAS DONE IN ORDER TO DETERMINE HOW FAR SOUTH TO CONTINUE THE ROAD RIGHT-OF-WAY. THE ANGLES AT THE FENCE CORNERS ARE SOMEWHAT DIFFERENT THAN 90 DEGREES.

HIGHWAY 335 LOCATION AS SHOWN IS BASED ON OFFSETTING 10 FEET WEST OF THE NORTH 1/4 CORNER OF SECTION 11 ALONG THE SECTION LINE FOR THE TERMINUS AND HOLDING RECORD DISTANCES AND CURVE DATA FROM THE 1923 HAVAVA-HELIX HIGHWAY AS CONSTRUCTED MAP. IT SHOULD BE NOTED THAT THE AS-CONSTRUCTED DRAWING SHOWS THE OFFSET WESTERLY FROM THE 1/4 CORNER TO BE 20 FEET (CENTERED ON MAIN STREET) AND TAX MAPS SHOW THE ROAD TO BE CENTERED ON THE NORTH-SOUTH SECTION CENTERLINE. NEITHER OF THESE LOCATIONS FIT THE ROAD WHERE IT ACTUALLY IS. HIGHWAY 335 WAS ORIGINALLY COUNTY ROAD NO. 843.

THE LOCATION OF THE HELIX CEMETARY ROAD RIGHT-OF-WAY AS SHOWN IN THIS SURVEY WAS BASED ON THE LOCATION OF THE EXISTING TRAVELED ROAD, DRAIN DITCHES, AND UTILITY POLES. IT WILL AFFECT THE ACREAGE OF PARCEL 2, PARTITION PLAT 1999-10 SLIGHTLY. ITS RELATIONSHIP TO THE NORTH-SOUTH SECTION CENTERLINE IS SHOWN.

BEARINGS AND DISTANCES SHOWN ON THIS MAP ARE HAD '83 ('91) GRID. TO CONVERT BEARINGS TO THE BASE USED IN MOST SURVEYS DONE IN THE AREA (S89°34'00"W ALONG THE NORTH LINE OF SECTION 11), ROTATE THOSE SHOWN BY 3°33'33" CLOCKWISE. MULTIPLY DISTANCES BY A COMBINED SCALE AND ELEVATION FACTOR OF 1.00011796 TO OBTAIN GROUND DISTANCES.

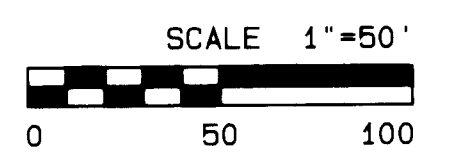
THIS SURVEY WAS PERFORMED WITH A SOKKIA RADIAN GPS SYSTEM OPERATED IN RTK MODE. THE BASE STATION WAS SET ON THIRD-ORDER TRI-STATION "HELIXEM" AND THE STATE PLANE COORDINATES SHOWN ARE BASED ON TIES TO THIS STATION.

SURVEY RECORDS

- R-1 1980 SURVEY FOR HENRY LEMBOCKE BY JAMES BUISMAN, SURVEY NO. R-179-B
- R-2 PARTITION PLAT 1999-10 FOR RODERICK THEIS BY PLS 833, SURVEY NO. 99-38-B
- R-3 SURVEY FOR THE CITY OF HELIX BY PLS 852, SURVEY NO. 99-299-B
- R-4 PARTITION PLAT 1999-64 FOR THE CITY OF HELIX BY PLS 855, SURVEY NO. 99-313-B
- R-5 PARTITION PLAT 2000-58 BY PLS 852 FOR THE CITY OF HELIX, SURVEY NO. 00-272-B
- R-6 PARTITION PLAT 2001-29 BY PLS 852 FOR THE CITY OF HELIX, SURVEY NO. 01-98-B
- R-7 BOUNDARY LINE ADJUSTMENT SURVEY FOR JACK BASCOMB BY PLS 2820, SURVEY NO. 01-162-B
- R-8 ROAD LEGALIZATION SURVEY BY PLS 2627, SURVEY NO. 04-136-C
- R-9 CORNER RESTORATION BY PLS 2627, SURVEY NO. 05-17-R
- R-10 1914 PLAT OF THE HELIX CEMETARY BY JOHN KIMBRELL, PLAT BOOK 5, PAGE 1

LINE TABLE

LINE NO.	BEARING	DISTANCE
L1	N85°01'23"E	30.02'
L2	N85°01'23"E	20.36'
L3	N85°01'23"E	9.65'
L4	N76°07'51"E	55.88'
L5	N34°11'36"W	9.90'
L6	N86°45'12"E	10.00'
L7	N86°45'12"E	10.00'
L8	N66°05'44"E	26.63'
L16	N24°12'31"E	9.89'



REGISTERED PROFESSIONAL LAND SURVEYOR

Way N. Robert

OREGON

JULY 28, 1989

GARY R. ROBERTS

2627

RENEWS 12/31/06

UMATILLA COUNTY ROAD DEPARTMENT
8300 WESTGATE
PENDLETON, OREGON 97601
PHONE 341/276-3429

ROAD LEGALIZATION SURVEY

COUNTY ROAD NO. 953
HELIX CEMETARY ROAD

LOCATED IN THE NORTH 1/2 OF SECTION 11
TOWNSHIP 4 NORTH, RANGE 33 E.W.M.

DATE OF SURVEY: MARCH, 2005 SHEET 1 OF 2

RECEIVED BY

Umatilla County Surveyors

Date 3-05

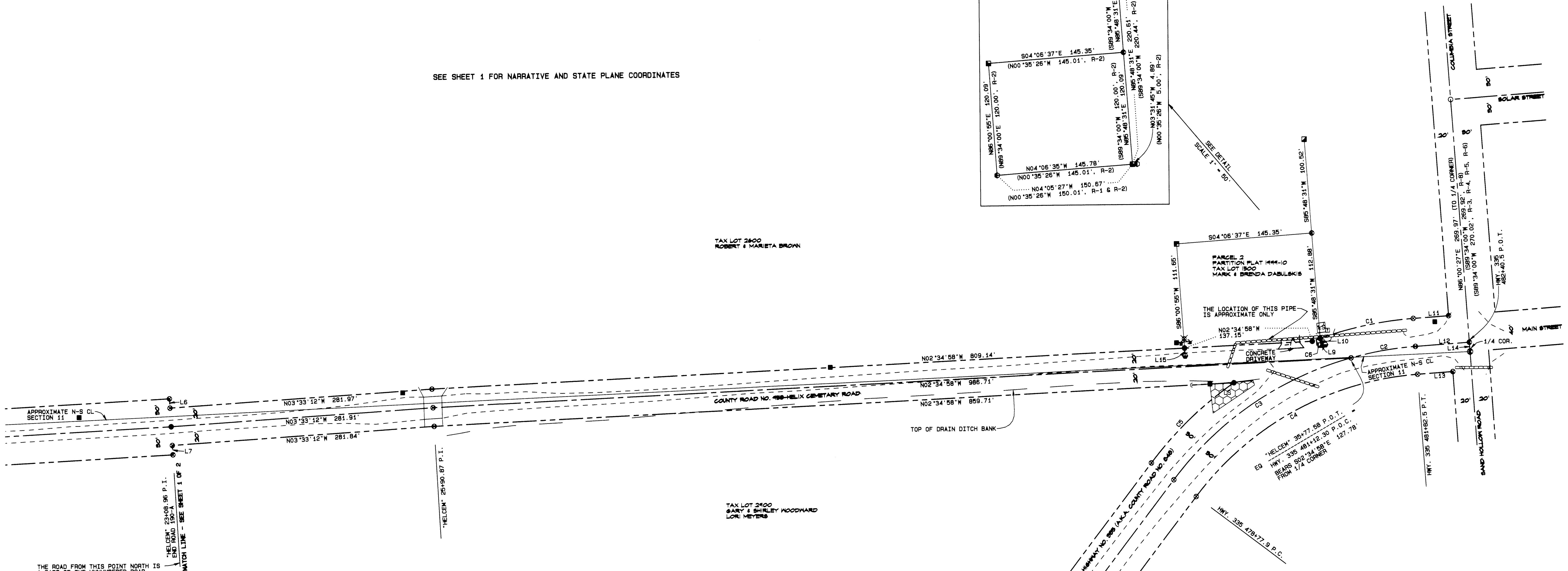
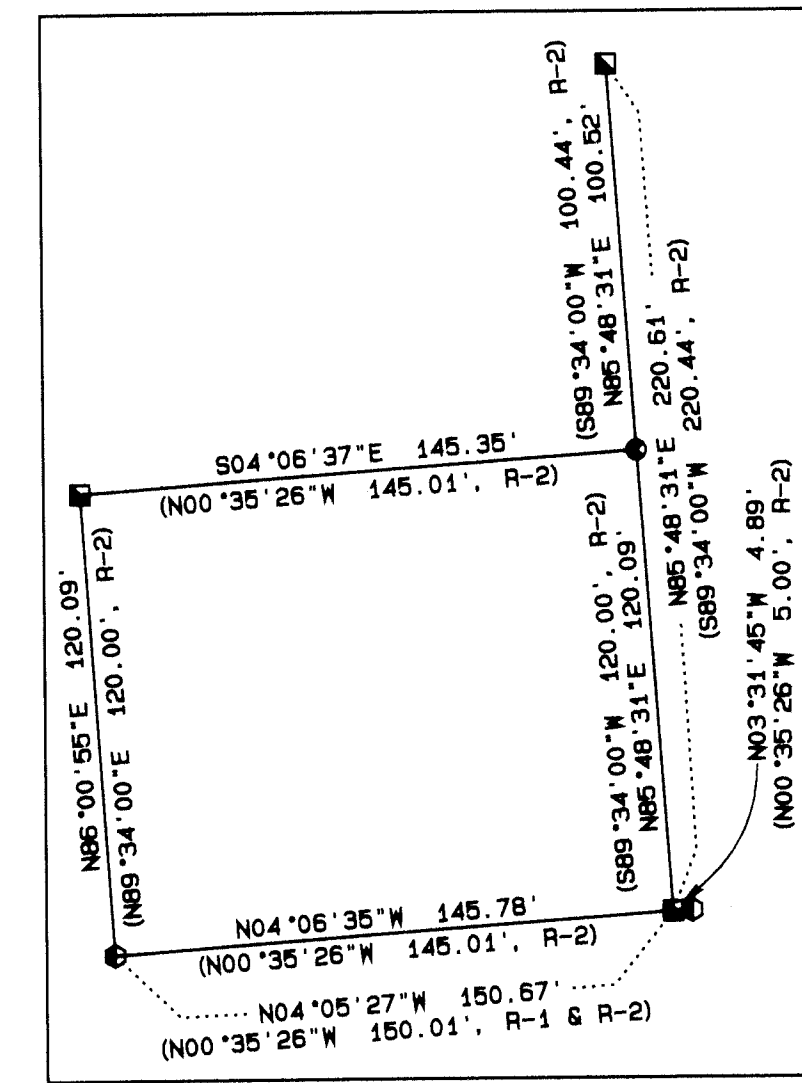
Rec'd by RL

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HELIX CEMETARY ROAD LEGALIZATION SURVEY



SEE SHEET 1 FOR NARRATIVE AND STATE PLANE COORDINATES

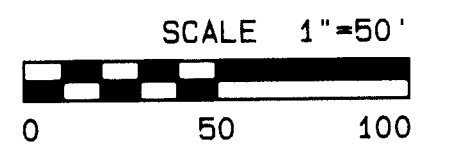


THE ROAD FROM THIS POINT NORTH IS A PART OF THE UNNUMBERED ROAD RECORDED IN BOOK A, PAGES 151-152, COUNTY ROADS AND FIELD NOTES, AND COMMISSIONERS' JOURNAL D PAGE 382. IT WAS ESTABLISHED IN 1879 AND SURVEYED BY J. H. RALEY.

- SURVEY RECORDS**
- R-1 1980 SURVEY FOR HENRY LEMCKE BY JAMES BUISMAN, SURVEY NO. R-175-B
 - R-2 PARTITION PLAT 1999-10 FOR RODERICK THEIS BY PLS 933, SURVEY NO. 99-38-B
 - R-3 SURVEY FOR THE CITY OF HELIX BY PLS 852, SURVEY NO. 99-299-B
 - R-4 PARTITION PLAT 1999-64 FOR THE CITY OF HELIX BY PLS 852, SURVEY NO. 99-313-B
 - R-5 PARTITION PLAT 2000-59 BY PLS 852 FOR THE CITY OF HELIX, SURVEY NO. 00-272-B
 - R-6 PARTITION PLAT 2001-29 BY PLS 852 FOR THE CITY OF HELIX, SURVEY NO. 01-88-B
 - R-7 BOUNDARY LINE ADJUSTMENT SURVEY FOR JACK BASCOMB BY PLS 2820, SURVEY NO. 01-182-B
 - R-8 ROAD LEGALIZATION SURVEY BY PLS 2627, SURVEY NO. 04-136-C
 - R-9 CORNER RESTORATION BY PLS 2627, SURVEY NO. 05-17-R
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LINE TABLE			CURVE TABLE					
LINE NO.	BEARING	DISTANCE	CURVE NO.	DELTA	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
L6	N86°45'12"E	10.00'						
L7	N86°45'12"E	10.00'						
L9	N03°31'45"W	4.89'						
L10	N85°48'31"E	7.21'	C1	15°06'41"	388.10'	102.36'	N11°32'54"W	102.06'
L11	N03°59'33"W	38.00'	C2	11°13'48"	358.10'	70.19'	N09°36'27"W	70.08'
L12	N03°59'33"W	58.00'	C3	37°30'12"	358.10'	234.40'	N33°58'27"W	230.23'
L13	N03°59'33"W	37.96'	C4	48°44'00"	328.10'	279.07'	N28°21'33"W	270.73'
L14	N86°00'27"E	10.00'	C5	18°13'30"	388.10'	123.45'	N43°36'48"W	122.93'
L15	N86°00'55"E	8.44'	C6	01°19'37"	388.10'	8.99'	N19°46'03"W	8.99'

- LEGEND**
- FOUND RAILROAD SPIKE AT NORTH 1/4 CORNER SECTION 11 PER SURVEY RECORD R-9
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RECEIVED BY
Umatilla County Surveyor
Date 3-05
Rec'd by [Signature]
05-060-C