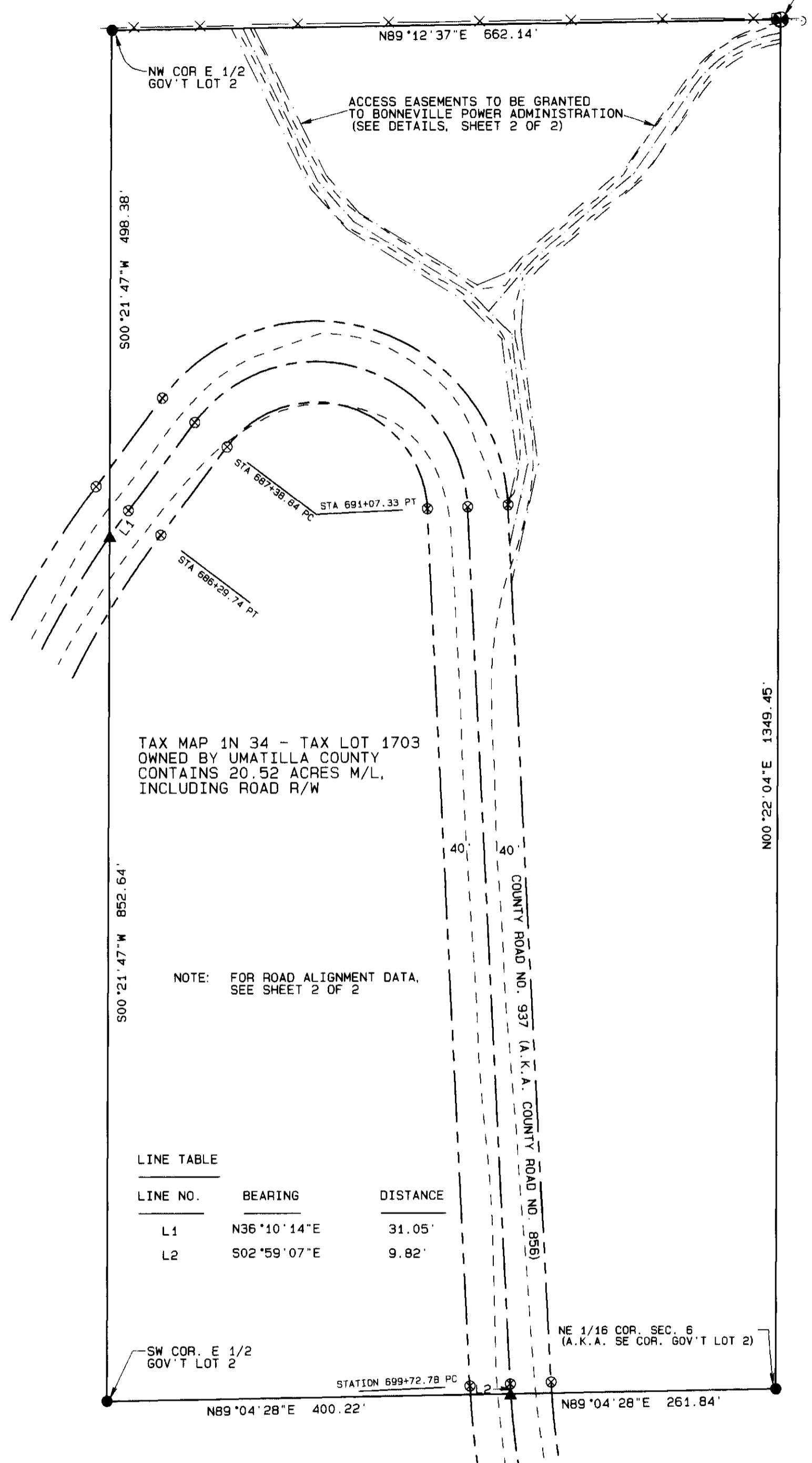


EAST 1/2 GOVERNMENT LOT 2,
SECTION 6, T. 1 NORTH,
RANGE 34 E.W.M.

SCALE: 1" = 100'

E 1/16 COMMON TO SECS. 31 & 6
(A.K.A. NE COR GOV'T LOT 2)

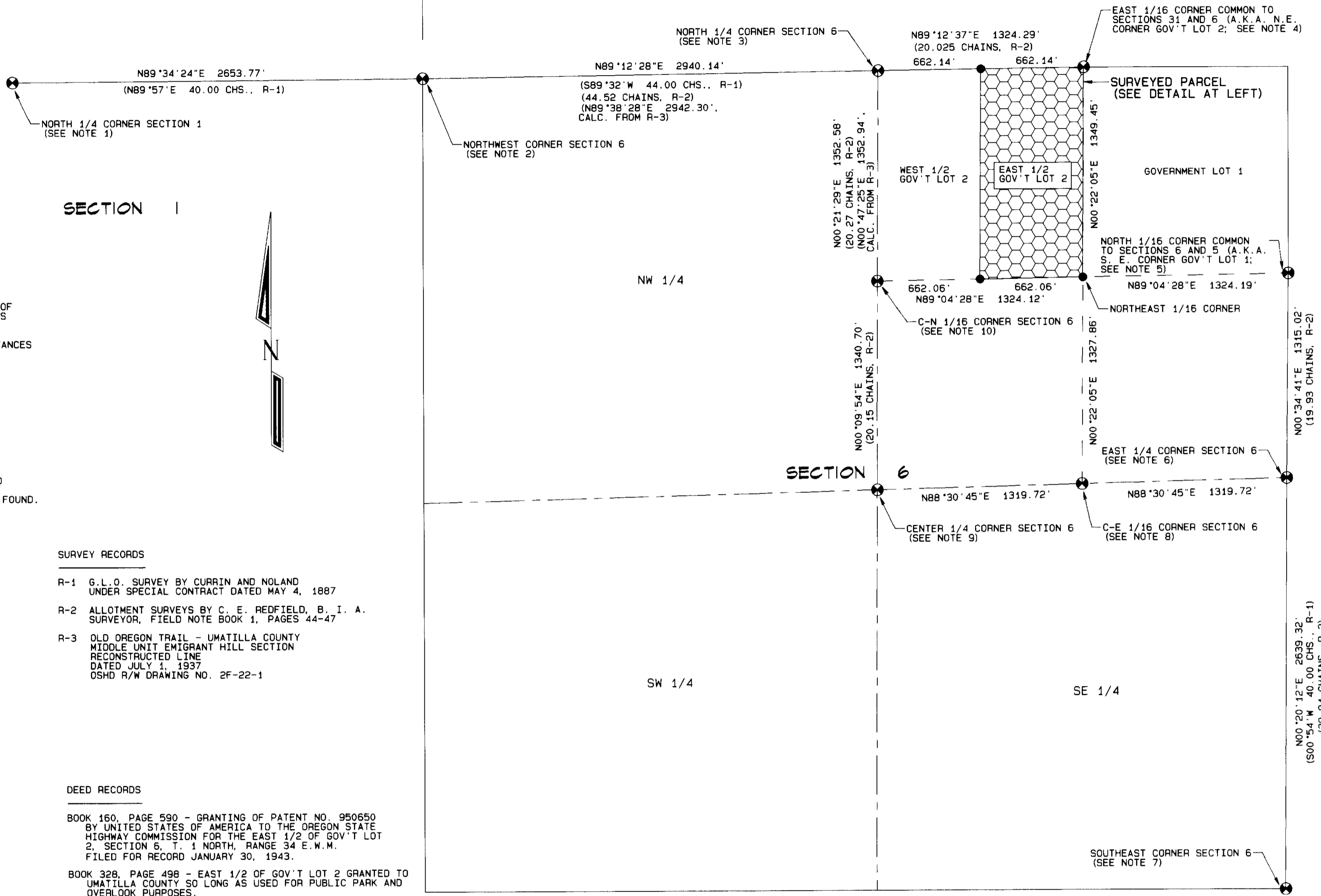


TAX MAP 1N 34 - TAX LOT 1703
OWNED BY UMATILLA COUNTY
CONTAINS 20.52 ACRES M/L,
INCLUDING ROAD R/W

NOTE: FOR ROAD ALIGNMENT DATA,
SEE SHEET 2 OF 2

LINE NO.	BEARING	DISTANCE
L1	N36°10'14"E	31.05'
L2	S02°59'07"E	9.82'

SECTION BREAKDOWN DETAIL
SCALE: 1" = 500'



MONUMENT RECOVERY NOTES

- ① NORTH 1/4 CORNER SECTION 1
T2N S 36 S 1 T1N R33E
FOUND REDFIELD MONUMENT MARKED AS SHOWN PROTRUDING 1.6' ABOVE GROUND IN MOUND OF STONE. THE MONUMENT IS LEANING TO THE SOUTH. MEASUREMENTS WERE TAKEN TO THE NORTH SIDE OF THE PIPE AT GROUND LEVEL.
- ② NORTHWEST CORNER SECTION 6
T2N R33E S33E S31E S1 S6 T1N R34E
FOUND REDFIELD MONUMENT MARKED AS SHOWN PROTRUDING 0.75' ABOVE GROUND IN SMALL MOUND OF STONE. THE MONUMENT ITSELF WAS NOT TIED. ITS LOCATION WAS CALCULATED BY TYING IN THE TWO RAILROAD SPIKES SET AS REFERENCES BY PLS 1106 (SURVEY 01-169-R) AND HOLDING THE RECORD DISTANCES TO THE CORNER.
- ③ NORTH 1/4 CORNER SECTION 6
1/4 S31 T2N S6 T1N R34E
FOUND REDFIELD MONUMENT MARKED AS SHOWN LYING ON ITS SIDE BENEATH A ROCK JACK IN AN EAST-WEST FENCE LINE. I HELD THE CENTER OF THE MAIN POST OF THE ROCK JACK FOR EASTING AND THE BOTTOM WIRE ON THE SOUTH SIDE OF THE POST FOR NORTHING. RESULTING IN A POSITION THAT FIT TIES FROM O.S.H.D. R/W DRAWING 2F-22-1 WELL AND THE REMAINS OF AN OLD NORTH-SOUTH FENCE LINE WELL. NO NEW MONUMENT WAS SET AND THE ORIGINAL G.L.O. STONE WAS NOT FOUND.
- ④ EAST 1/16 CORNER COMMON TO SECTIONS 31 AND 6
1/16 S31 T2N S6 T1N R34E
FOUND REDFIELD MONUMENT MARKED AS SHOWN PROTRUDING 1.5' ABOVE GROUND LEVEL AND APPROXIMATELY 1.5' SOUTH OF AN EAST-WEST FENCE. THE MONUMENT IS LEANING SLIGHTLY TO THE SOUTHWEST BUT IS SOLID. THE TOP OF THE CAP WAS HELD.
- ⑤ NORTH 1/16 CORNER COMMON TO SECTIONS 6 & 5
1/16 S6 S5 T1N R34E 1919
FOUND REDFIELD MONUMENT MARKED AS SHOWN PROTRUDING 0.25' ABOVE GROUND SLIGHTLY WEST OF A NORTH-SOUTH FENCE. MEASUREMENTS WERE TAKEN TO THE CENTER OF THE TOP OF THE CAP.
- ⑥ EAST 1/4 CORNER SECTION 6
S 1/4 S 1/4 T1N R34E
FOUND REDFIELD MONUMENT MARKED AS SHOWN WIRED TO A POST IN A FENCE CORNER. THE MONUMENT PROTRUDES 2.8' ABOVE GROUND LEVEL AND IS LEANING TO THE NORTH. MEASUREMENTS WERE TAKEN TO THE APPROXIMATE CENTER OF THE PIPE AT GROUND LEVEL.
- ⑦ SOUTHEAST CORNER SECTION 6
1/4 S-6 S-5 S-7 S-8 T1N R34E
FOUND REDFIELD MONUMENT MARKED AS SHOWN PROTRUDING 3' ABOVE GROUND FROM A MOUND OF STONE. THE MONUMENT IS LOOSE AND LEANING TO THE WEST BUT THE BASE HAS NOT MOVED. MEASUREMENTS WERE TAKEN TO THE APPROXIMATE CENTER OF THE PIPE AT GROUND LEVEL.
- ⑧ C-E 1/16 CORNER SECTION 6
FOUND REDFIELD MONUMENT LYING ON ITS SIDE APPROXIMATELY 10 FEET EAST OF A NORTH-SOUTH FENCE. CAP MARKINGS WERE NOT RECORDED. MEASUREMENTS SHOWN ARE TO A SINGLE PROPORTION POSITION BETWEEN THE CENTER 1/4 CORNER AND THE EAST 1/4 CORNER.
- ⑨ CENTER 1/4 CORNER
0 S6 T1N R34E
FOUND REDFIELD MONUMENT PROTRUDING 1.2' FROM GROUND IN INTERSTATE 84 RIGHT-OF-WAY FENCE. THE MONUMENT AND FENCE ARE LEANING TO THE SOUTH. MEASUREMENTS WERE TAKEN TO THE NORTH SIDE OF THE PIPE AT GROUND LEVEL.
- ⑩ C-N 1/16 CORNER SECTION 6
1/16 A-S 6 T1N R34E
FOUND REDFIELD MONUMENT MARKED AS SHOWN PROTRUDING 1.9' ABOVE GROUND. THE MONUMENT IS LEANING TO THE NORTH. MEASUREMENTS WERE TAKEN TO THE SOUTH EDGE OF THE PIPE AT GROUND LEVEL.

SECTION 1

SURVEY RECORDS

- R-1 G.L.O. SURVEY BY CURRIN AND NOLAND UNDER SPECIAL CONTRACT DATED MAY 4, 1887
- R-2 ALLOTMENT SURVEYS BY C. E. REDFIELD, B. I. A. SURVEYOR, FIELD NOTE BOOK 1, PAGES 44-47
- R-3 OLD OREGON TRAIL - UMATILLA COUNTY MIDDLE UNIT EMIGRANT HILL SECTION RECONSTRUCTED LINE DATED JULY 1, 1937 OSHD R/W DRAWING NO. 2F-22-1

DEED RECORDS

- BOOK 160, PAGE 590 - GRANTING OF PATENT NO. 950650 BY UNITED STATES OF AMERICA TO THE OREGON STATE HIGHWAY COMMISSION FOR THE EAST 1/2 OF GOV'T LOT 2, SECTION 6, T. 1 NORTH, RANGE 34 E.W.M. FILED FOR RECORD JANUARY 30, 1943.
- BOOK 328, PAGE 498 - EAST 1/2 OF GOV'T LOT 2 GRANTED TO UMATILLA COUNTY SO LONG AS USED FOR PUBLIC PARK AND OVERLOOK PURPOSES.

LEGEND

- FOUND 2-1/2" BRASS CAP ON 2" O.D. GALVANIZED IRON PIPE SET BY C. E. REDFIELD, B. I. A. SURVEYOR, FROM 1917 TO 1919. MONUMENTS ARE TYPICALLY MARKED "INDIAN ALLOTMENT - PENALTY \$250 FOR REMOVAL - ALONG OUTSIDE OF BRASS CAP.
- SET 5/8" X 30" IRON REBAR WITH YELLOW PLASTIC CAP MARKED "U.C.P.W.D. LS 2627"
- ▲ SET RAILROAD SPIKE STAMPED "LS2627" WITH PUNCH MARK
- ⊗ CALCULATED POINT ONLY; NOTHING FOUND OR SET
- POWER POLE AND GUY ANCHOR
- RIGHT-OF-WAY CENTERLINE
- RIGHT-OF-WAY LINE
- EDGE OF GRAVEL SHOULDER
- FENCE
- EASEMENT LINE
- EASEMENT CENTERLINE

SEE SHEET 2 OF 2 FOR NARRATIVE

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

Boundary Survey for Umatilla County

East 1/2 of Government Lot 2
(A.K.A. Tax Lot 1703)

Located in Section 6
Township 1 North, Range 34 E.W.M.

Date of Survey: February, 2004 Sheet 1 of 2

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Gary R. Roberts
GARY R. ROBERTS
JULY 20, 1993
2627
RENEWS 12/31/2004

RECEIVED BY
Umatilla County Surveyor
Date 2-04
Rec'd by KK
No. 04-49-C

COUNTY ROAD NO. 937
(A.K.A. COUNTY ROAD NO. 856)

RIGHT-OF-WAY DETAIL

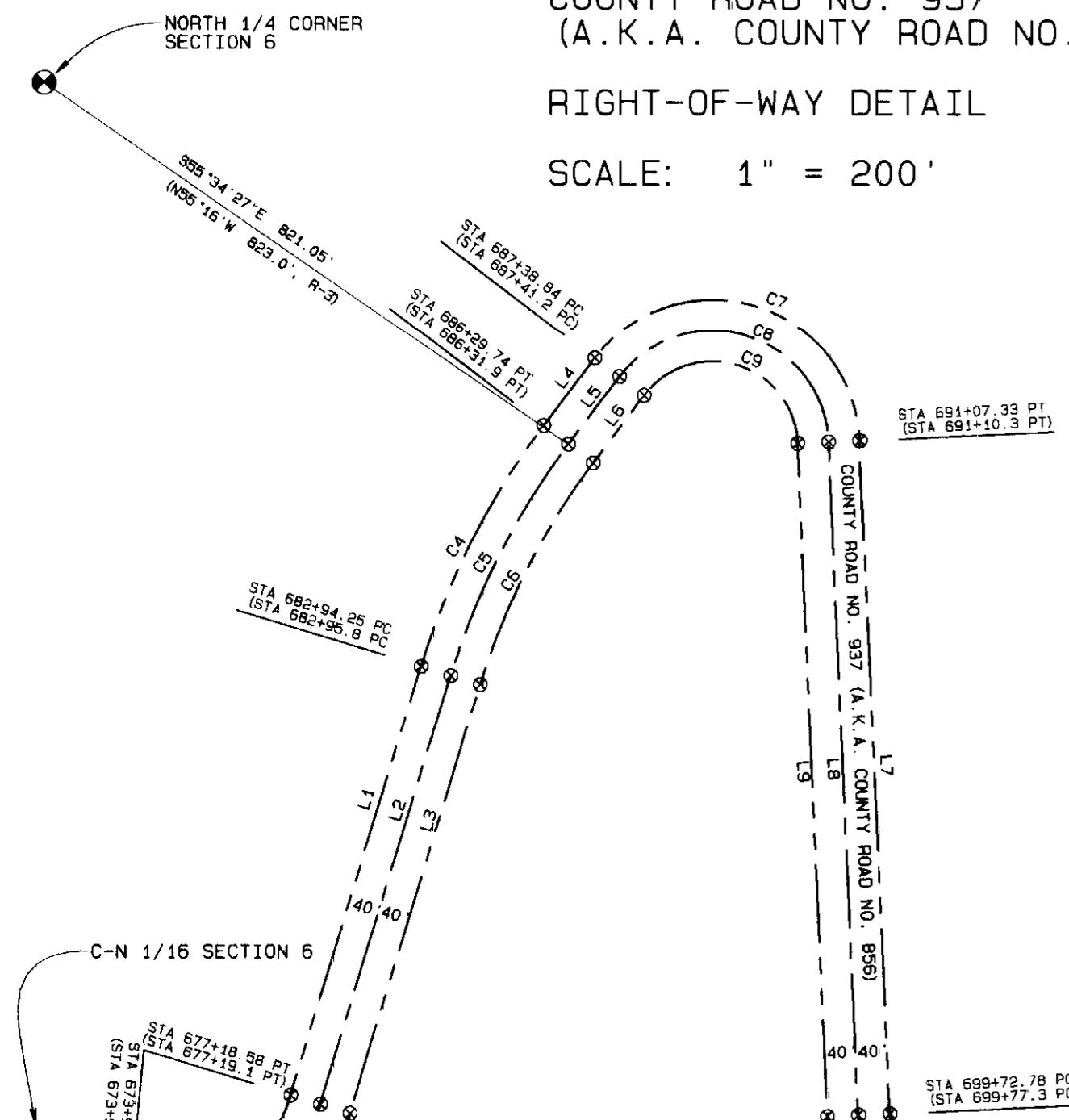
SCALE: 1" = 200'

SURVEY NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO DETERMINE THE BOUNDARY OF THE EAST 1/2 OF GOVERNMENT LOT 2, SECTION 6, TOWNSHIP 1 NORTH, RANGE 34 E.W.M. SO THAT EASEMENTS COULD BE WRITTEN GRANTING ACCESS TO BONNEVILLE POWER ASSOCIATION ACROSS THE PARCEL TO THEIR POWER FACILITIES TO THE NORTH. THE PARCEL WAS DEEDED TO UMATILLA COUNTY FOR PARK AND OVERLOOK PURPOSES BY THE OREGON STATE HIGHWAY COMMISSION UPON THEIR ABANDONMENT OF OLD HIGHWAY 30 (BOOK 328, PAGE 498, UMATILLA COUNTY DEED RECORDS). THE BOUNDARY WAS DETERMINED BY SUBDIVIDING THE 1/4 SECTION BASED ON FOUND REDFIELD MONUMENTS AS SHOWN ON SHEET 1.

THE NORTH 1/4 CORNER OF SECTION 1, T. 1 NORTH, RANGE 33 E.W.M. AND THE SOUTHEAST CORNER OF SECTION 5 WERE LOCATED AND TIED IN ORDER TO DETERMINE THE DIRECTION OF THE SECTION LINES. NOTES FOR COUNTY ROAD #856 GIVE TIES ALONG THE SECTION LINES FROM THE NORTHWEST CORNER OF SECTION 6 WEST TO A CENTERLINE STATION AND FROM THE EAST 1/4 CORNER OF SECTION 6 SOUTH TO A CENTERLINE STATION. I PLOTTED THE ROAD ALIGNMENT BETWEEN THESE TIES FROM OSHD CONSTRUCTED LINE MAP OF PENDELTON TO DEADMAN'S PASS (DRAWING NO. 3823-4, DATED 1924) WHICH MATCHES THE ROAD NOTES. THE ALIGNMENT WAS SCALED AND ROTATED TO FIT BETWEEN THE TWO SECTION LINE TIES. THE RESULT IN THE AREA OF THE SURVEY WERE NOT VERY GOOD AS PORTIONS OF THE EXISTING ROAD FELL OUTSIDE OF THE PLOTTED RIGHT-OF-WAY. SOME OF THE CURVE DATA ON THE MAP IS ALSO IN ERROR. WHEN RECORDING THE TIES FROM THE SECTION CORNERS ALONG THE SECTION LINES TO POINTS ON THE CENTERLINE, IT IS NOT KNOWN WHETHER THE CORNERS BEYOND THE TIES WERE ACTUALLY TIED OR IF DONE BY PROJECTION OF THE LINES ACTUALLY MEASURED. I THEN USED A DIFFERENT ALIGNMENT FROM A RELOCATED LINE DRAWING (OSHD DRAWING 2F-22-1 DATED JULY 1, 1937) WHICH SHOWED SEVERAL TIES TO REDFIELD'S MONUMENTS IN THE AREA OF THE SURVEY. I PLOTTED THIS ALIGNMENT BETWEEN TIES NEAR THE C-N 1/16 AND EAST 1/4 CORNERS OF SECTION 6, OBTAINED THE INVERSE DISTANCE AND BEARING BETWEEN THE C-N 1/16 CORNER AND EAST 1/4 CORNER AS MEASURED, THEN ROTATED AND SCALED TO FORCE THE ALIGNMENT TO FIT BETWEEN THE TWO END POINTS. THIS RESULTED IN A GOOD FIT WITH THE EXISTING ROAD AND IS THE ALIGNMENT SHOWN ON THIS SURVEY.

THIS SURVEY WAS PERFORMED USING A SOKKIA RADIAN GPS SYSTEM OPERATED IN RTK MODE. BEARINGS ARE TRUE AND ARE BASED ON GPS OBSERVATIONS NEAR THE NE 1/16 CORNER.



NOTE: STATION VALUES IN PARENTHESES ARE FROM O.S.H.D. RIGHT-OF-WAY DRAWING NO. 2F-22-1.

EMIGRANT ROAD LINE TABLE

(VALUES IN PARENTHESES ARE FROM O.S.H.D. RIGHT-OF-WAY DRAWING 2F-22-1)

LINE NO.	BEARING	DISTANCE
L1	N16°56'14"E	575.67'
L2	N16°56'14"E (N17°28'E)	575.67' (576.7')
L3	N16°56'14"E	575.67'
L4	N37°06'14"E	109.11'
L5	N37°06'14"E (N37°38'E)	109.11' (109.3')
L6	N37°06'14"E	109.11'
L7	S02°37'46"E	865.45'
L8	S02°37'46"E (S02°06'E)	865.45' (867.0')
L9	S02°37'46"E	865.45'
L10	S57°35'46"E	789.09'
L11	S57°35'46"E (S57°04'E)	789.09' (790.5')
L12	S57°35'46"E	789.09'
L13	S45°25'46"E	226.50'
L14	S45°25'46"E (S44°54'E)	226.50' (226.9')
L15	S45°25'46"E	226.50'

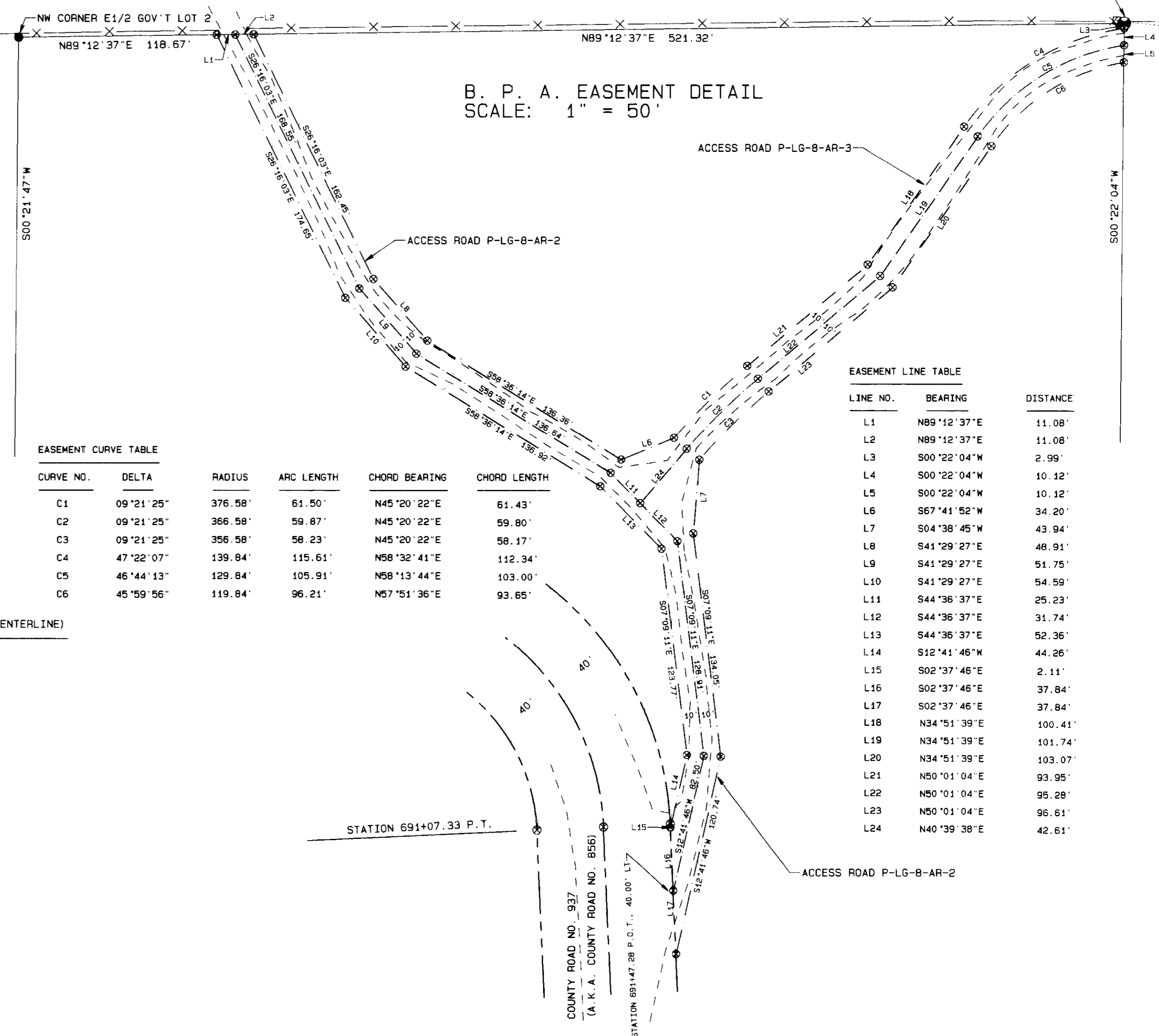
EMIGRANT ROAD CURVE TABLE

(VALUES IN PARENTHESES ARE FROM O.S.H.D. RIGHT-OF-WAY DRAWING 2F-22-1)

CURVE NO.	DELTA	RADIUS	ARC LENGTH	CHORD BEARING	CHORD DISTANCE
C1	78°30'00"	198.37'	271.78'	N56°11'14"E	251.01'
C2	78°30'00" (78°30')	238.37' (238.73')	326.58' (327.1')	N56°11'14"E	301.63'
C3	78°30'00"	278.37'	381.38'	N56°11'14"E	352.25'
C4	20°09'57"	993.20'	349.56'	N27°01'14"E	347.77'
C5	20°09'57" (20°10')	953.20' (954.93')	335.49' (336.1')	N27°01'14"E	333.76'
C6	20°09'57"	913.20'	321.41'	N27°01'14"E	319.75'
C7	140°16'01"	190.52'	466.41'	S72°45'46"E	358.36'
C8	140°16'01" (140°16')	150.52' (150.78')	368.48' (369.1')	S72°45'46"E	283.12'
C9	140°16'01"	110.52'	270.56'	S72°45'46"E	207.88'
C10	54°58'00"	754.43'	723.77'	S30°06'46"E	696.33'
C11	54°58'00" (54°58')	794.43' (795.77')	762.14' (763.4)	S30°06'46"E	733.25'
C12	54°58'00"	834.43'	800.51'	S30°06'46"E	770.17'
C13	12°10'07"	1470.01'	312.20'	S51°30'46"E	311.62'
C14	12°10'07" (12°10')	1430.01' (1432.39')	303.71' (304.2')	S51°30'46"E	303.14'
C15	12°10'07"	1390.01'	295.22'	S51°30'46"E	294.66'
C16	24°11'00"	1000.02'	422.09'	S57°31'16"E	418.96'
C17	24°11'00" (24°11')	1040.02' (1041.74')	438.97' (439.7')	S57°31'16"E	435.72'
C18	24°11'00"	1080.02'	455.85'	S57°31'16"E	452.48'

LOCAL DATUM COORDINATES (EMIGRANT ROAD CENTERLINE)

POINT I.D.	NORTHING	EASTING
673+92.00 PC	48,560.60'	53,047.16'
677+18.58 PT	48,728.45'	53,297.77'
682+94.25 PC	49,279.15'	53,465.47'
686+29.74 PT	49,576.48'	53,617.10'
687+38.84 PC	49,663.50'	53,682.92'
691+07.33 PT	49,579.60'	53,953.33'
699+72.78 PC	48,715.06'	53,993.03'
707+34.92 PT	48,080.77'	54,360.90'
715+24.01 PC	47,657.91'	55,027.12'
718+27.72 PT	47,469.25'	55,264.41'
720+54.22 PC	47,310.30'	55,425.76'
724+93.18 PT	47,076.33'	55,793.32'



EASEMENT CURVE TABLE

CURVE NO.	DELTA	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	09°21'25"	376.58'	61.50'	N45°20'22"E	61.43'
C2	09°21'25"	366.58'	59.87'	N45°20'22"E	59.80'
C3	09°21'25"	356.58'	58.23'	N45°20'22"E	58.17'
C4	47°22'07"	139.84'	115.61'	N58°32'41"E	112.34'
C5	46°44'13"	129.84'	105.91'	N58°13'44"E	103.00'
C6	45°59'56"	119.84'	96.21'	N57°51'36"E	93.65'

EASEMENT LINE TABLE

LINE NO.	BEARING	DISTANCE
L1	N89°12'37"E	11.08'
L2	N89°12'37"E	11.08'
L3	S00°22'04"W	2.99'
L4	S00°22'04"W	10.12'
L5	S00°22'04"W	10.12'
L6	S67°41'52"W	34.20'
L7	S04°38'45"W	43.94'
L8	S41°29'27"E	48.91'
L9	S41°29'27"E	51.75'
L10	S41°29'27"E	54.59'
L11	S44°36'37"E	25.23'
L12	S44°36'37"E	31.74'
L13	S44°36'37"E	52.36'
L14	S12°41'46"W	44.26'
L15	S02°37'46"E	2.11'
L16	S02°37'46"E	37.84'
L17	S02°37'46"E	37.84'
L18	N34°51'39"E	100.41'
L19	N34°51'39"E	101.74'
L20	N34°51'39"E	103.07'
L21	N50°01'04"E	93.95'
L22	N50°01'04"E	95.28'
L23	N50°01'04"E	96.61'
L24	N40°39'38"E	42.61'

LOCAL DATUM COORDINATES (SECTION AND SECTION SUBDIVISION CORNERS)

POINT I.D.	NORTHING	EASTING
N1/16 COR. COMMON TO SECS. 5 & 6	48,730.87'	55,579.36'
SE COR. SEC. 6	44,776.64'	55,550.59'
N1/4 COR. SECTION 1	49,980.24'	47,346.31'
NW COR. SEC. 5	50,000.00'	50,000.00'
N1/4 COR. SEC. 6	50,040.65'	52,939.86'
C-N1/16 COR. SEC. 6	48,688.09'	52,931.40'
C1/4 COR. SEC. 5	47,347.40'	52,927.54'
C-E1/16 COR. SEC. 6	47,381.65'	54,246.82'
E1/4 COR. SEC. 6	47,415.91'	55,566.10'
NE1/16 COR. SEC. 6	48,709.48'	54,255.35'
E1/16 COR. COMMON TO SECS. 31 & 6	50,058.90'	54,264.01'
NW COR. E1/2 GOV'T. LOT 2	50,049.78'	53,601.94'
SW COR. E1/2 GOV'T. LOT 2	48,698.79'	53,593.38'

REGISTERED PROFESSIONAL LAND SURVEYOR
 Gary R. Roberts
 JULY 20, 1993
 GARY R. ROBERTS
 2627
 RENEWS 12/31/2004

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

Boundary Survey for Umatilla County

East 1/2 of Government Lot 2
 (A.K.A. Tax Lot 1703)

Located in Section 6
 Township 1 North, Range 34 E.W.M.

Date of Survey: February, 2004 Sheet 2 of 2

RECEIVED BY
 Umatilla County Surveyors
 Date: 2-04
 Rec'd by: KR
 No. 04-49-C