

Narrative of Survey

The purpose of this survey was to monument portions of County Roads \* 1325 and \* 1334, both known as Colonel Jordan Road, for legalization purposes and to subdivide the North 1/2 of Section 1 into 1/16th sections for possible future right-of-way acquisition.

The north half of the section was divided into 1/4 sections by traversing through the four 1/4 corners and the northwest and northeast corners. All found monuments except the brass cap at the northeast corner were set by Otis Gould in a 1940 dependent resurvey of the east, south, and north boundaries and subdivision of a portion of Township 3 North, Range 27 E. W. M. under instructions from the General Land Office (field notes on file on Microfiche Vol. R554). The brass cap at the northeast corner was set by Krumbein in 1980 (C.S. \*S-156-C) using found monuments from Gould's survey.

McKinnis subdivided the north 1/2 of the section in a 1995 survey for Eagle Ranch. On his map he shows distances in chains in parentheses as being those from the Gould survey. However they appear to be those from the original 1860 survey by E. E. Haft on the north and west lines and from the 1859 survey by N. H. Gates on the east line. He used Haft's distance of 40.25 chains along the west line of the northwest 1/4, instead of Gould's 40.47 chains which I used for proportioning in the 1/16th corner, which explains the difference in the bearings and distances between 1/16th corners.

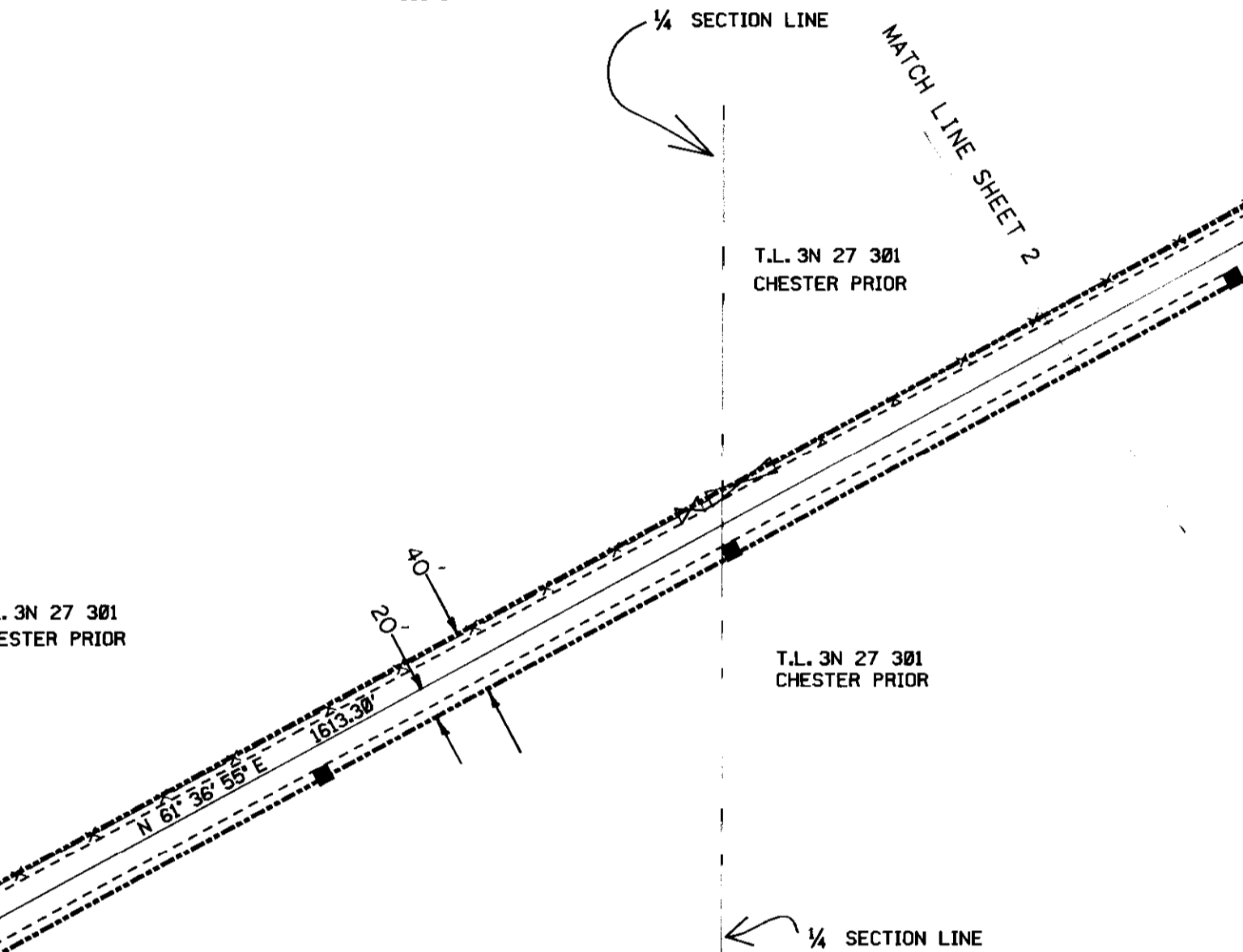
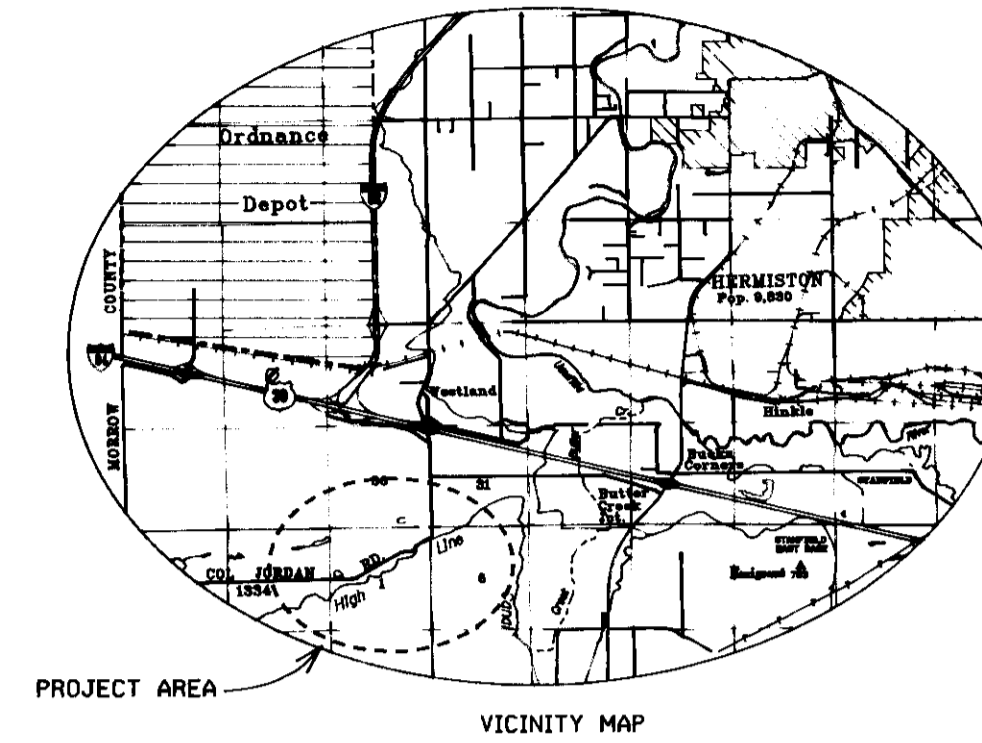
The road (Old Road \* 854) was originally dedicated from the Northeast Corner of Section 1 southwesterly approximately 2250 feet to the east-west centerline of the north half of the section, then west along the 1/16th line to the west line of the section. In reality it runs southwesterly from the same northeast corner approximately one mile to the east-west centerline of the section, then west along the 1/4 section line to the 1/4 corner, where it matches into Old Road No. 651.

Instruments used were a Wild T-16 one minute theodolite and a Wild DI-5 EDM. Traverses were adjusted using the Compass Rule.

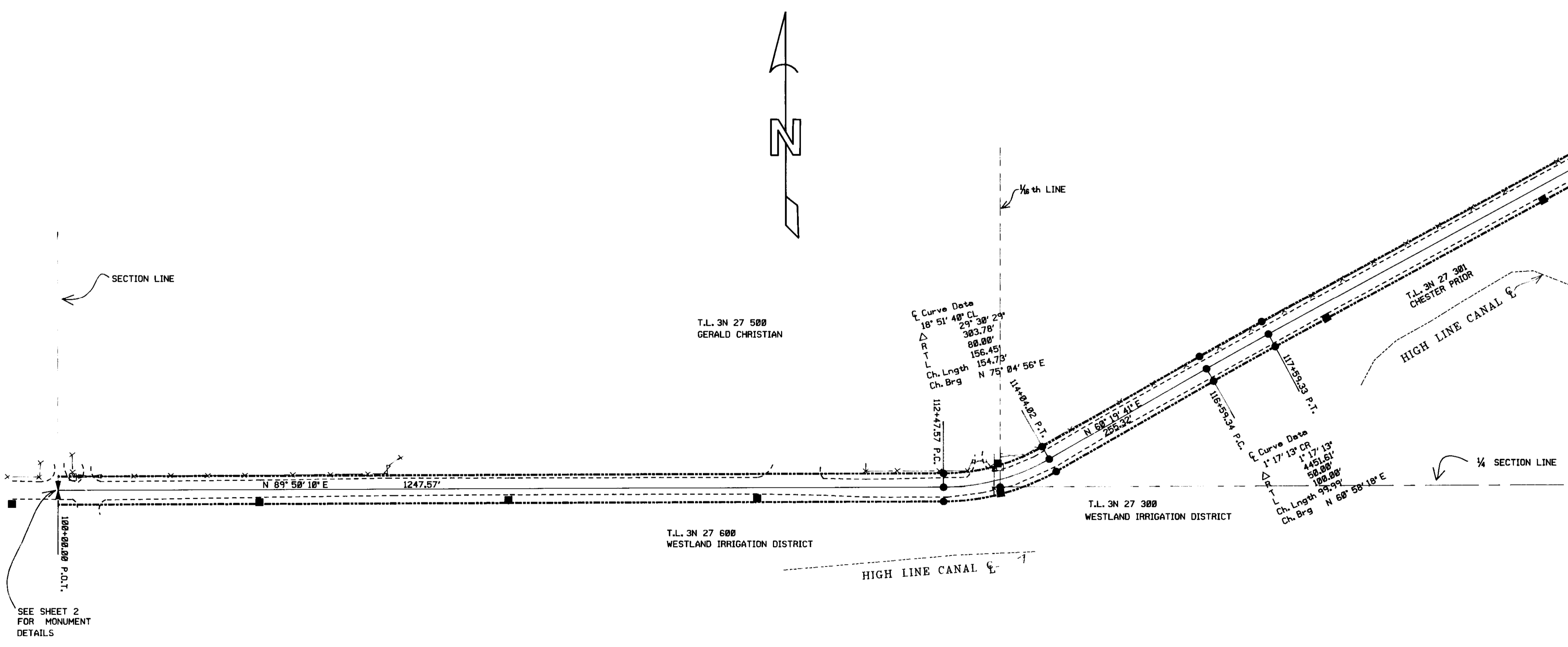
Colonel Jordan Road Centerline Description

A parcel of land for road purposes located in Section 1, Township 3 North, Range 27 East W. M. and Section 6, Township 3 North, Range 28 East W. M. being 40 feet in width and lying 20 feet on each side of the following described centerline:

Beginning at a 1-inch iron pipe marking the 1/4 Corner common to Sections 1 and 2, Township 3 North, Range 27 E. W. M., said monument being assigned Engineer's Station 100+00.00; thence N89°50'10"E, 1247.57 feet; Thence 156.45 feet along a 303.78-foot radius curve left (the long chord bears N75°04'56"E, 154.73 feet); thence N80°19'41"E, 255.32 feet; thence 100.00 feet along a 4451.61-foot radius curve right (the long chord bears N80°58'18"E, 99.99 feet); thence N61°36'55"E, 1613.30 feet; thence 179.86 feet along an 1192.75-foot radius curve left (the long chord bears N57°18'00"E, 179.49 feet); thence N52°59'06"E, 99.94 feet; thence 99.94 feet along a 2212.60-foot radius curve right (the long chord bears N54°16'46"E, 99.97 feet); thence N55°34'26"E, 116.92 feet; thence 215.79 feet along a 451.17-foot radius curve right (the long chord bears N69°16'34"E, 213.74 feet); thence N82°58'41"E, 88.31 feet; thence 125.93 feet along a 1513.15-foot radius curve right (the long chord bears N85°21'44"E, 125.89 feet); thence N87°44'47"E, 308.78 feet; thence 213.94 feet along a 168.52-foot radius curve left (the long chord bears N 51° 22' 35" E, 199.86 feet); thence N15°00'24"E, 144.62 feet; thence 142.02 feet along a 178.74-foot radius curve right (the long chord bears N37°46'12"E, 138.32 feet); thence N60°32'01"E, 161.07 feet; thence 231.51 feet along a 1447.38-foot radius curve right (the long chord bears N65°06'57"E, 231.26 feet); thence N69°41'53"E, 415.73 feet; thence 104.37 feet along an 84.58-foot radius curve left (the long chord bears N34°20'45"E, 97.87 feet); thence N01°00'23"W, 524.32 feet to a 2 1/2 inch brass cap marking the Northeast Corner of Section 1, T. 3 N., R. 27 E. W. M., said monument being Engineer's Station 165+25.51, and there terminating.



- LEGEND**
- ⊕ FOUND SECTION CORNER AS NOTED
  - ⊕ FOUND 1/4 OR 1/16TH CORNER AS NOTED
  - FOUND 1/16" REBAR WITH PLASTIC CAP MARKED "R. V. McKINNIS ... PLS 2431" SET IN C.S. \*95-54-B
  - SET 1/8" X 30" IRON REBAR WITH PLASTIC CAP MARKED "UMA. CO. RD. DEPT. ... LS 2627"
  - ⊙ CALCULATED POINT - NOT SET
  - POWER POLE
  - TELEPHONE
  - x - FENCE
  - ⊔ GATE
  - - - - - RIGHT-OF-WAY LINE
  - — — — — CENTERLINE
  - - - - - EDGE OF PAVEMENT OR GRAVEL
  - - - - - CENTER OF CANAL



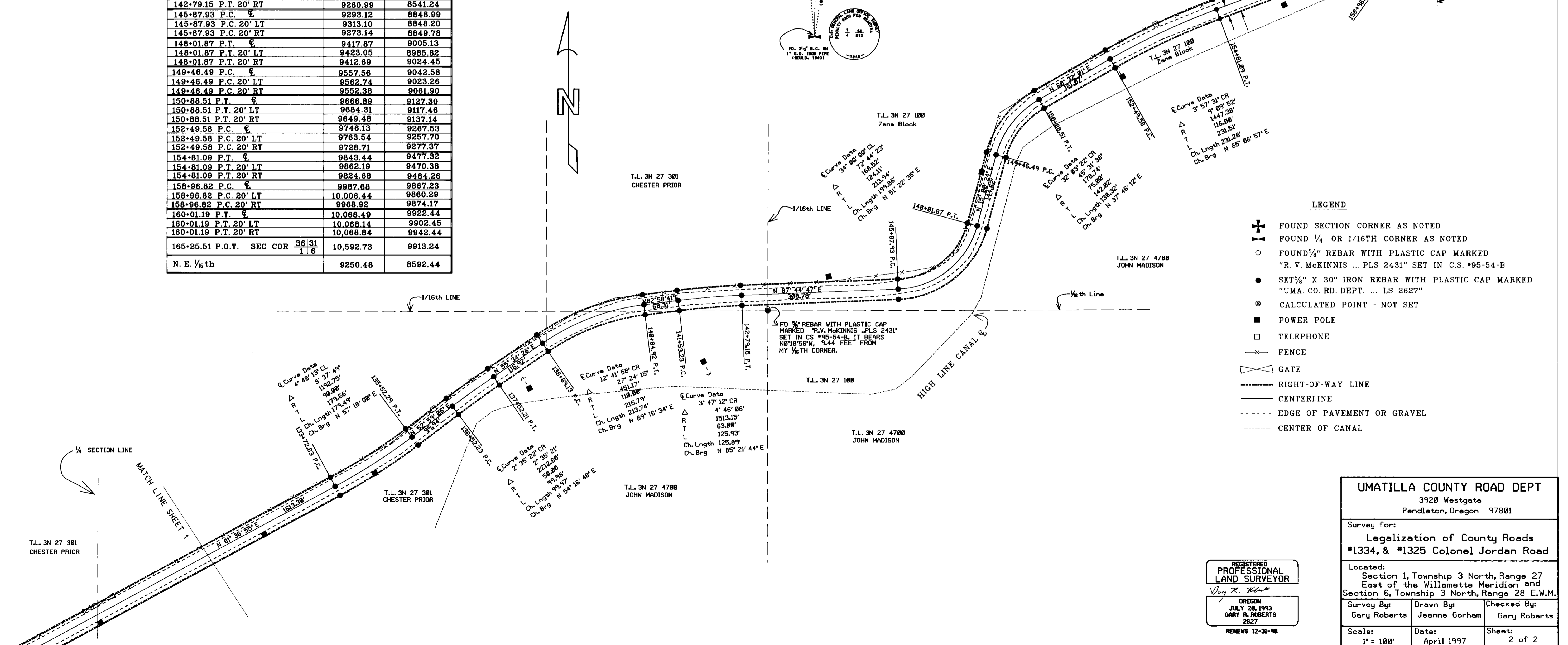
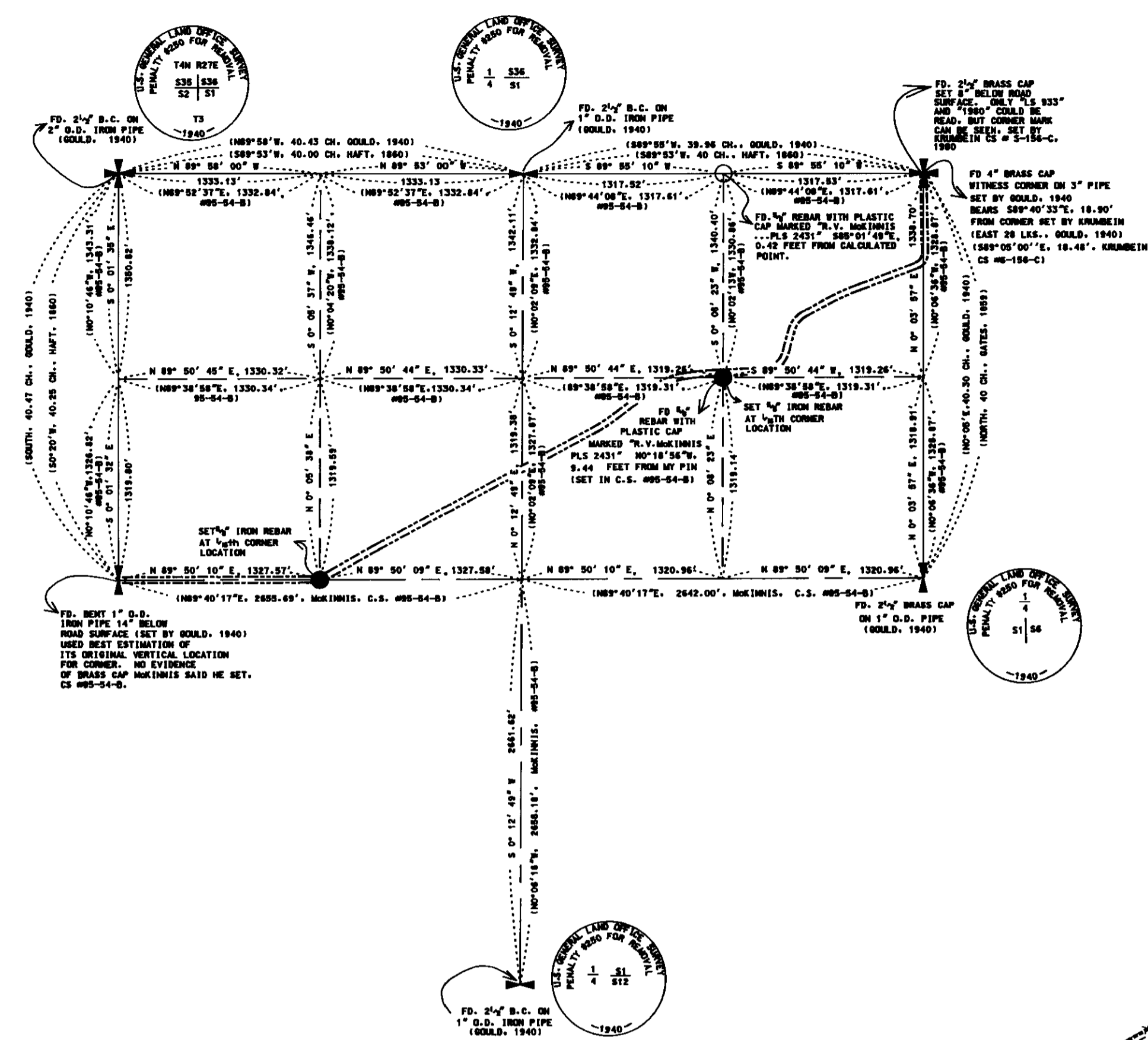
SEE SHEET 2 FOR MONUMENT DETAILS

REGISTERED PROFESSIONAL LAND SURVEYOR  
 Gary R. Roberts  
 OREGON  
 JULY 28, 1993  
 GARY R. ROBERTS  
 2627  
 RENEWS 12-31-98

UMATILLA COUNTY ROAD DEPT 3920 Westgate Pendleton, Oregon 97801		
Survey for: Legalization of County Roads *1334, & *1325 Colonel Jordan Road		
Located: Section 1, Township 3 North, Range 27 East of the Willamette Meridian and Section 6, Township 3 North, Range 28 E.W.M.		
Survey By: Gary Roberts	Drawn By: Jeanne Gorham	Checked By: Gary Roberts
Scale: 1" = 100'	Date: April 1997	Sheet: 1 of 2

6-97  
 87  
 97-115-C

LOCAL DATUM COORDINATES		
STATION	NORTHING	EASTING
100+00.00 P.O.T. E 1/4 COR 2   1	7919.86	4813.13
112+47.57 P.C. C	7923.52	5860.70
112+47.57 P.C. 20' LT	7943.52	5860.64
112+47.57 P.C. 20' RT	7903.53	5860.76
WEST 1/16 C-C	7923.75	5940.70
114+04.02 P.T. C	7963.36	6010.21
114+04.02 P.T. 20' LT	7980.73	6000.31
114+04.02 P.T. 20' RT	7945.98	6020.11
116+59.34 P.C. C	8089.75	6232.05
116+59.34 P.C. 20' LT	8107.12	6222.15
116+59.34 P.C. 20' RT	8072.37	6241.95
117+59.33 P.T. C	8138.27	6319.48
117+59.33 P.T. 20' LT	8155.86	6309.97
117+59.33 P.T. 20' RT	8120.67	6328.99
133+72.63 P.C. C	8905.21	7736.82
133+72.63 P.C. 20' LT	8922.81	7729.31
133+72.63 P.C. 20' RT	8887.62	7748.33
135+52.29 P.T. C	9002.18	7889.86
135+52.29 P.T. 20' LT	9018.15	7877.92
135+52.29 P.T. 20' RT	8986.21	7901.90
136+52.23 P.C. C	9062.35	7969.66
136+52.23 P.C. 20' LT	9078.32	7957.62
136+52.23 P.C. 20' RT	9046.38	7981.70
137+52.21 P.T. C	9120.72	8050.83
137+52.21 P.T. 20' LT	9137.21	8039.52
137+52.21 P.T. 20' RT	9104.22	8062.13
138+69.13 P.C. C	9186.81	8147.27
138+69.13 P.C. 20' LT	9203.31	8135.96
138+69.13 P.C. 20' RT	9170.32	8158.57
140+84.92 P.T. C	9282.45	8347.17
140+84.92 P.T. 20' LT	9282.30	8344.73
140+84.92 P.T. 20' RT	9242.60	8349.62
141+53.23 P.C. C	9270.80	8414.97
141+53.23 P.C. 20' LT	9290.65	8412.53
141+53.23 P.C. 20' RT	9250.95	8417.42
142+79.15 P.T. C	9280.98	8540.45
142+79.15 P.T. 20' LT	9300.96	8539.66
142+79.15 P.T. 20' RT	9260.99	8541.24
145+87.93 P.C. C	9293.12	8648.99
145+87.93 P.C. 20' LT	9313.10	8648.20
145+87.93 P.C. 20' RT	9273.14	8649.78
148+01.87 P.T. C	9417.87	9005.13
148+01.87 P.T. 20' LT	9423.05	8985.82
148+01.87 P.T. 20' RT	9412.89	9024.45
149+46.49 P.C. C	9557.56	9042.58
149+46.49 P.C. 20' LT	9562.74	9023.26
149+46.49 P.C. 20' RT	9552.38	9061.90
150+88.51 P.T. C	9666.89	9127.30
150+88.51 P.T. 20' LT	9684.31	9117.46
150+88.51 P.T. 20' RT	9649.48	9137.14
152+49.58 P.C. C	9746.13	9267.53
152+49.58 P.C. 20' LT	9763.54	9257.70
152+49.58 P.C. 20' RT	9728.71	9277.37
154+81.09 P.T. C	9843.44	9477.32
154+81.09 P.T. 20' LT	9862.19	9470.36
154+81.09 P.T. 20' RT	9824.68	9484.26
158+96.82 P.C. C	9987.68	9867.23
158+96.82 P.C. 20' LT	10,006.44	9860.29
158+96.82 P.C. 20' RT	9968.92	9874.17
160+01.19 P.T. C	10,068.49	9922.44
160+01.19 P.T. 20' LT	10,088.14	9902.45
160+01.19 P.T. 20' RT	10,068.84	9942.44
165+25.51 P.O.T. SEC COR 36   31 1   6	10,592.73	9913.24
N. E. 1/16th	9250.48	8592.44



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