

# Fruitvale Road Legalization Survey

OREGON STATE PLANE COORDINATES - NORTH ZONE 3601

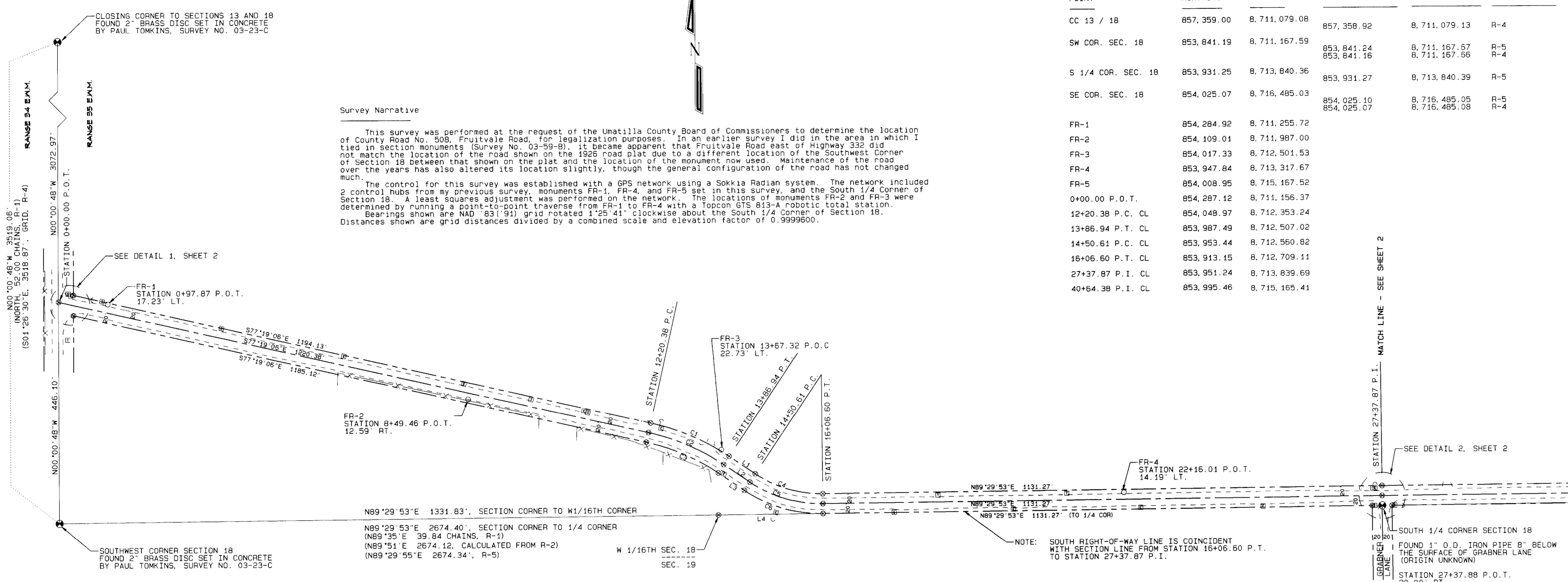
NAD '83 ('91) - INTERNATIONAL FEET

POINT	NORTHING	EASTING	RECORD NORTHING	RECORD EASTING	SURVEY RECORD
CC 13 / 18	857,359.00	8,711,079.08	857,358.92	8,711,079.13	R-4
SW COR. SEC. 18	853,841.19	8,711,167.59	853,841.24 853,841.16	8,711,167.67 8,711,167.66	R-5 R-4
S 1/4 COR. SEC. 18	853,931.25	8,713,840.36	853,931.27	8,713,840.39	R-5
SE COR. SEC. 18	854,025.07	8,716,485.03	854,025.10 854,025.07	8,716,485.05 8,716,485.08	R-5 R-4
FR-1	854,284.92	8,711,255.72			
FR-2	854,109.01	8,711,987.00			
FR-3	854,017.33	8,712,501.53			
FR-4	853,947.84	8,713,317.67			
FR-5	854,008.95	8,715,167.52			
0+00.00 P.O.T.	854,287.12	8,711,156.37			
12+20.38 P.C. CL	854,048.97	8,712,353.24			
13+86.94 P.T. CL	853,987.49	8,712,507.02			
14+50.61 P.C. CL	853,953.44	8,712,560.82			
16+06.60 P.T. CL	853,913.15	8,712,709.11			
27+37.87 P.I. CL	853,951.24	8,713,839.69			
40+64.38 P.I. CL	853,995.46	8,715,165.41			

## Survey Narrative

This survey was performed at the request of the Umatilla County Board of Commissioners to determine the location of County Road No. 508, Fruitvale Road, for legalization purposes. In an earlier survey I did in the area in which I tied in section monuments (Survey No. 03-59-B), it became apparent that Fruitvale Road east of Highway 332 did not match the location of the road shown on the 1926 road plat due to a different location of the Southwest Corner of Section 18 between that shown on the plat and the location of the monument now used. Maintenance of the road over the years has also altered its location slightly, though the general configuration of the road has not changed much.

The control for this survey was established with a GPS network using a Sokkia Radian system. The network included 2 control hubs from my previous survey, monuments FR-1, FR-4, and FR-5 set in this survey, and the South 1/4 Corner of Section 18. A least squares adjustment was performed on the network. The locations of monuments FR-2 and FR-3 were determined by running a point-to-point traverse from FR-1 to FR-4 with a Topcon GTS 813-A robotic total station. Bearings shown are NAD '83 ('91) grid rotated 1°25'41" clockwise about the South 1/4 Corner of Section 18. Distances shown are grid distances divided by a combined scale and elevation factor of 0.9999600.



## CURVE TABLE

CURVE NO.	RADIUS	DELTA	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	472.77'	21°04'40"	173.92'	S66°46'45"E	172.94'
C2	452.77'	21°04'40"	166.56'	S66°46'45"E	165.63'
C3	432.77'	21°04'40"	159.21'	S66°46'45"E	158.31'
C4	240.86'	34°15'41"	144.03'	S73°22'16"E	141.89'
C5	260.86'	34°15'41"	155.99'	S73°22'16"E	153.67'
C6	280.86'	34°15'41"	167.95'	S73°22'16"E	165.46'

## TRAVERSE LINE DATA

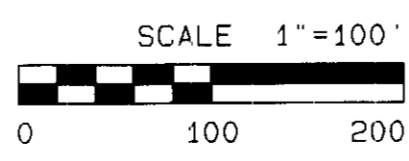
FROM POINT	TO POINT	BEARING	DISTANCE
SW COR. SEC. 18	FR-1	N12°39'39"E	452.42'
FR-1	FR-2	S75°02'47"E	752.18'
FR-2	FR-3	S78°28'09"E	522.66'
FR-3	FR-4	S83°42'19"E	819.12'
FR-4	S1/4 COR. SEC. 18	S86°45'14"E	522.98'
S1/4 COR. SEC. 18	FR-5	N88°04'39"E	1329.48'
FR-5	SE COR. SEC. 18	S89°16'23"E	1317.66'

## LINE TABLE

LINE NO.	BEARING	DISTANCE
L1	S56°14'25"E	63.67'
L2	S56°14'25"E	63.67'
L3	S56°14'25"E	63.67'
L4	N89°29'53"E	211.30'

## SURVEY RECORDS

- R-1 ODELL AND LEWIS, G.L.O. CONTRACT NO. 110, DATED FEBRUARY 7, 1865
- R-2 PLAT AND FIELD NOTES OF COUNTY ROAD NO. 835, DATED AUGUST, 1926
- R-3 SURVEY NO. 93-40-B BY WAYNE HARRIS
- R-4 SURVEY NO. 03-23-C FOR UMATILLA COUNTY BY PAUL TOMKINS
- R-5 SURVEY NO. 03-59-B FOR UMATILLA COUNTY BY ME



## LEGEND

- FOUND SECTION MONUMENT AS NOTED
- SET 5/8" X 30" IRON REBAR WITH YELLOW PLASTIC CAP MARKED "UCPWD...LS2627"
- ⊗ CALCULATED POINT ONLY - NOTHING FOUND OR SET
- POWER POLE
- GUY WIRE AND ANCHOR
- TELEPHONE PEDESTAL
- RIGHT-OF-WAY LINE
- EDGE OF ROAD
- x-x- FENCE LINE
- o-o-o-o-o CULVERT PIPE
- CENTERLINE

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

RECEIVED BY  
 Umatilla County Survey  
 Date 5-03  
 Rec'd By KR  
 No. 03-81-C1

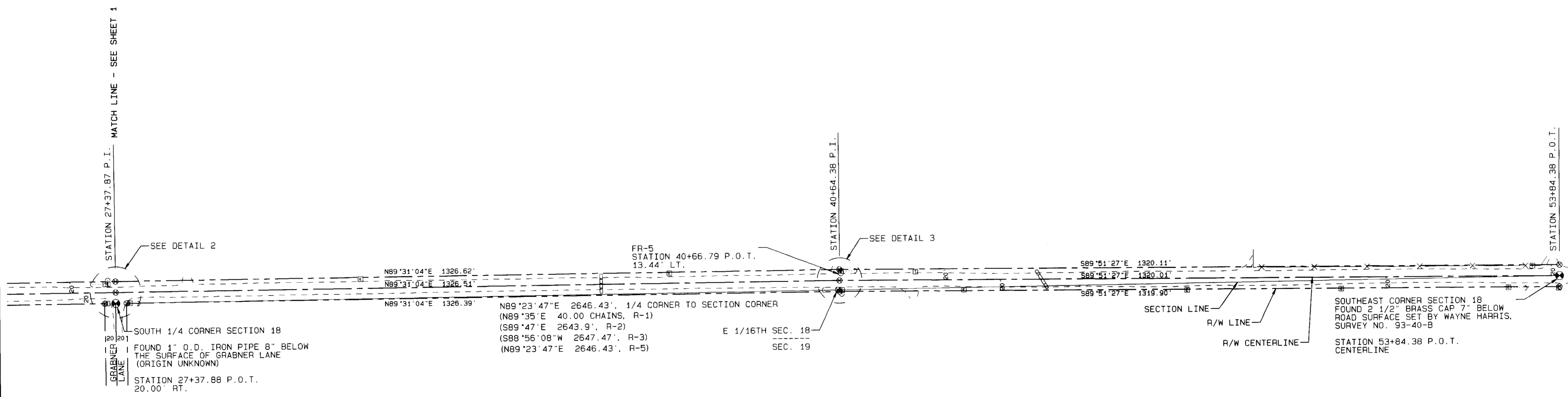
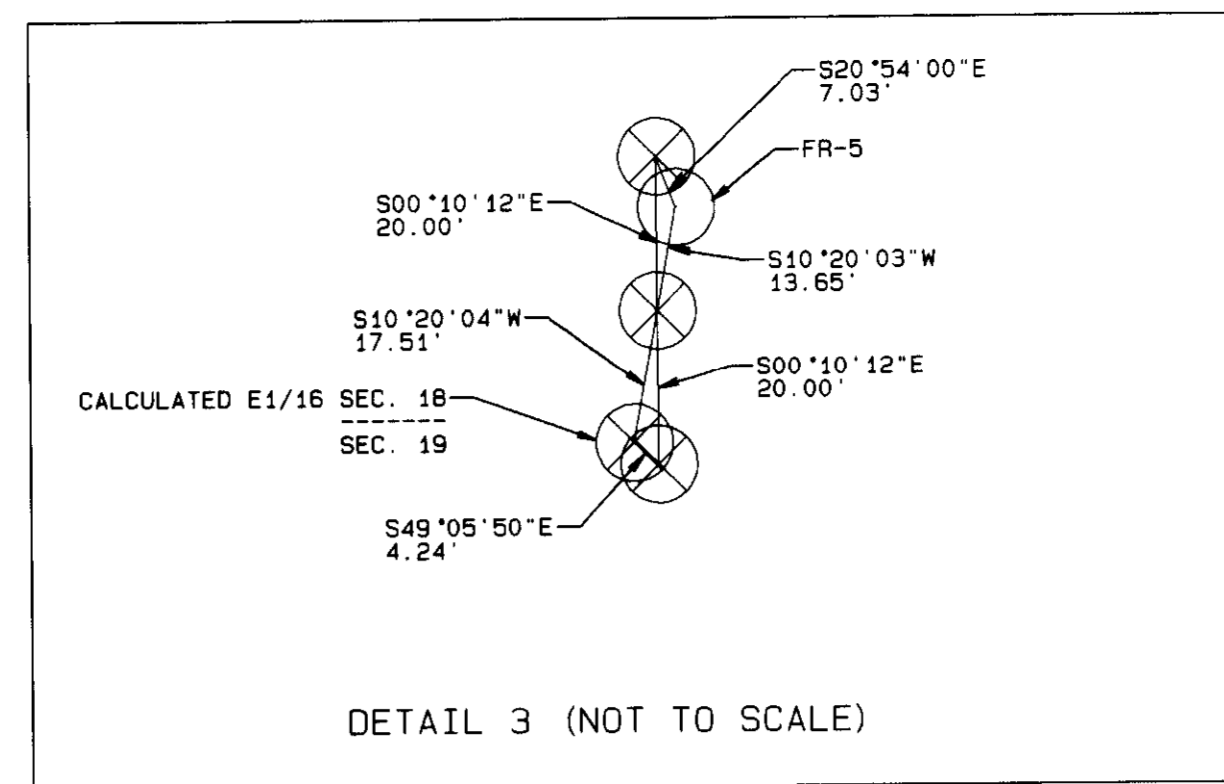
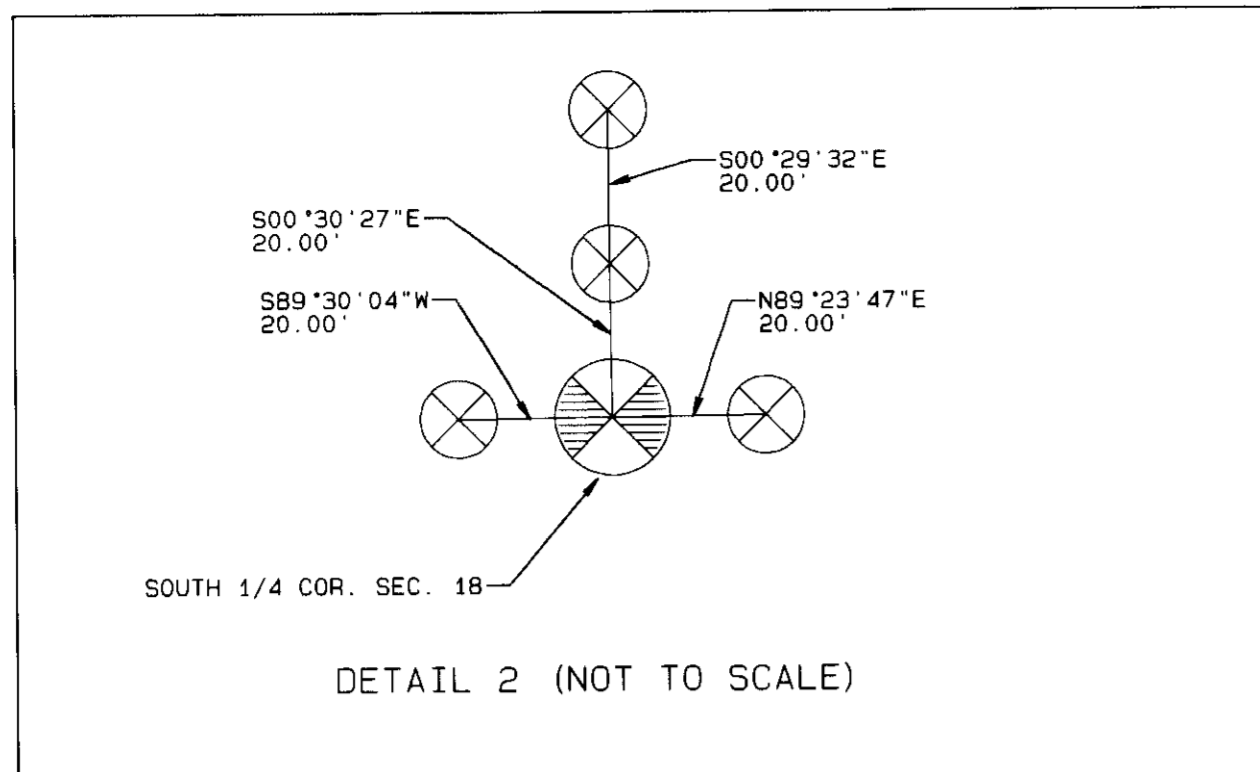
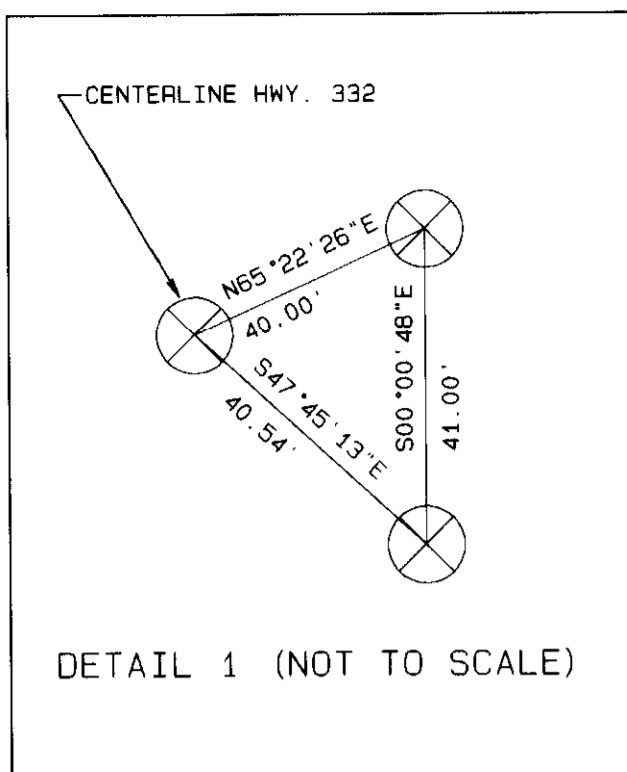
Umatilla County Road Department  
 3920 Westgate  
 Pendleton, Oregon 97801  
 Phone 541/278-5424

Survey for the Legalization of Fruitvale Road  
 County Road No. 508

Located in Sections 18 and 19  
 Township 6 North, Range 35 E.W.M.

Date of Survey: May, 2003 Sheet 1 of 2

# Fruitvale Road Legalization Survey



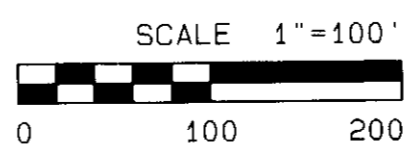
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