



LEGEND:
 • Set 5/8"x30" Iron Rod with a red plastic cap marked "G.D. WICKS PLS 1108"
 • Found monument as shown
BASIS OF BEARINGS: East Line of the SE1/4SE1/4 of Section 21 per Survey No. 9452.

NARRATIVE:
PURPOSE: The purpose of this survey was to establish control and to perform a topographic survey suitable for the creation of engineering drawings for the reconstruction of the bridge over Brush Creek that was destroyed during January, 1997 flooding. The realignment of the new bridge (Bridge No. 18443) required the purchasing of new right-of-way and the vacating of portions of the existing right-of-way. Carberry Road (Jackson County Road No. 777) is an unsurveyed public usage road; therefore the existing right-of-way needed to be first established before deeds could be written. The right-of-way dedication was limited to that portion of the Carberry Road located within the SE1/4SE1/4 of Section 21. Contract obligations for Oregon Dept. of Transportation Project No. X-ER-338(5) required the measurements for this survey to be made in metric units.
PROCEDURE: An open traverse was surveyed to the three corners of the SE1/4SE1/4 of Section 21 that are monumented as shown. The record bearings per Survey No. 9452 from the SE Section Corner and the SE1/16 Corner were used to compute the position of the E1/16 Corner on the South Line of Section 21 and thus the perimeter of the SE1/4SE1/4 of Section 21 - the limits of this survey. Survey measurements were then made to the center line of the traveled way, as determined by wheel tracks on the gravelled surface of Carberry Road. These measurements were made at approximately 30 meter intervals from the intersection of Sutton Gulch Road to Mile Post 5. Curves of best fit were then computed (with some "smoothing" of minor curves) to determine the existing right-of-way. The realigned section was then computed to match the curve data provided by David Evans and Associates from the relocated bridge drawings. Monuments were then set along the right-of-way lines as shown hereon. Stationing shown is arbitrary and is based upon the engineering drawings.
INSTRUMENTS USED: T-1600 Theomat and a Distomat DI-1600 EDM with a combined accuracy of 1 second and 5 mm ± 2 ppm.

SE1/4SE1/4

CENTERLINE CURVE DATA													
NO.	Δ	METERS					LC BEARING	D	FEET				
		R	L	T	LC	R			L	T	LC		
C1	7°05'36"	249.4827m	30.886m	15.463m	30.886m	S89°33'05"E	7° L	818.51'	101.33'	50.73'	101.27'		
C2	12°38'56"	97.0210m	21.419m	10.753m	21.375m	S86°46'25"E	18° R	318.31'	70.27'	35.28'	70.13'		
C3	4°30'08"	582.1263m	45.743m	22.883m	45.731m	S82°42'01"E	3° L	1909.86'	150.07'	75.08'	150.04'		
C4	19°07'47"	115.000m	38.396m	19.378m	38.218m	N85°29'02"E	*	377.30'	125.97'	63.58'	125.39'		
C5	25°46'58"	115.000m	51.749m	26.320m	51.314m	N88°48'37"E	*	377.30'	169.78'	86.35'	168.35'		
C6	29°54'15"	124.7413m	63.106m	33.313m	64.369m	S83°20'47"E	14° R	409.26'	213.60'	109.29'	211.18'		
C7	5°01'19"	1164.2526m	102.046m	51.056m	102.013m	S45°53'00"E	1.5° R	3819.72'	334.80'	167.51'	334.69'		

Tax Lot 1400, Map No. 40-4W

11-20-97

**PLAT OF RIGHT-OF-WAY SURVEY
 CARBERRY ROAD (JACKSON CO. RD. NO. 777)**

WICKS ENGINEERING & SURVEYING
 311 N.E. 17th Street
 Grants Pass, Oregon 97526
 Tel: (541) 479-3436

DAVID EVANS AND ASSOCIATES, INC.
 530 Center Street, NE, Suite 605
 Salem, Oregon 97301
 Tel: (503) 361-8635

PROFESSIONAL LAND SURVEYOR
 GARY D. WICKS
 OREGON LICENSE NO. 1108
 EXPIRES: 6-30-98

PROJECT NO. 529-97-342
 DRAWING NO. RD777.dwg
 DATE: Oct. 21, 1997
 SCALE: 1:1000

SHEET NO. 1 of 1