

INTERSECTION DETAILS

QUANTITY CALCULATIONS
 BY C.E.R. DATE 9-85
 CHKD. I.M. DATE 9-85
 WOODRUFF, INC.

F.W.O.A. REGION	STATE	PROJECT
5	OHIO	

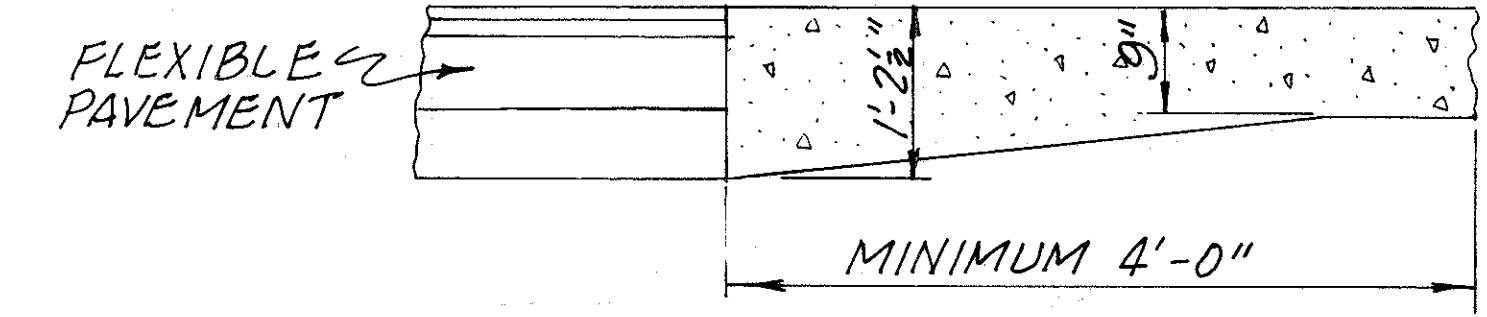
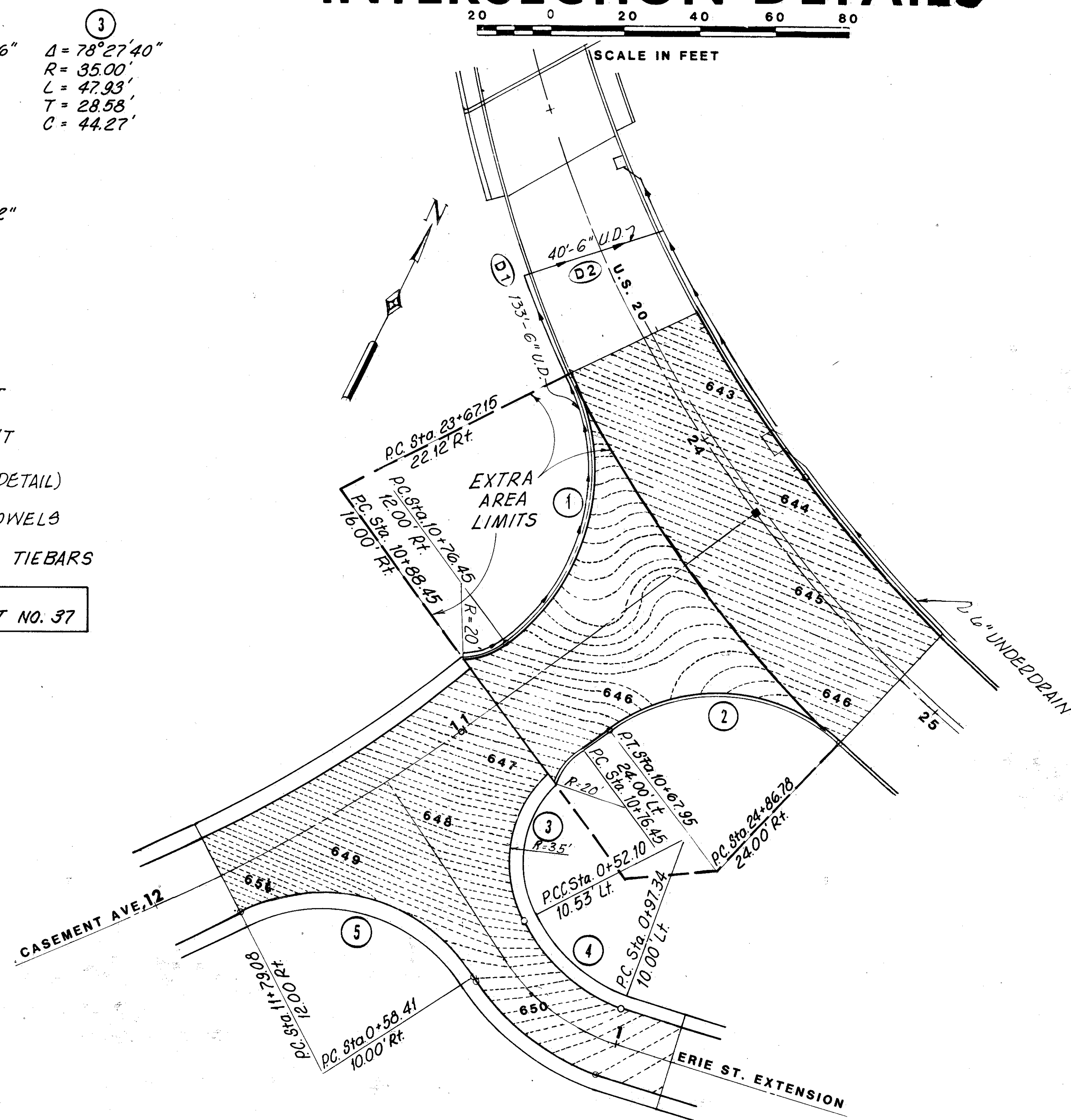
LAKE COUNTY
 LAK-20-17.14

- ① $\Delta = 78^{\circ}54'47''$
 $R = 60.00'$
 $L = 82.64'$
 $T = 49.38'$
 $C = 76.26'$
- ② $\Delta = 80^{\circ}39'36''$
 $R = 50.00'$
 $L = 70.39'$
 $T = 42.45'$
 $C = 64.72'$
- ③ $\Delta = 78^{\circ}27'40''$
 $R = 35.00'$
 $L = 47.93'$
 $T = 28.58'$
 $C = 44.27'$
- ④ $\Delta = 44^{\circ}32'01''$
 $R = 50.00'$
 $L = 38.86'$
 $T = 20.47'$
 $C = 37.89'$
- ⑤ $\Delta = 83^{\circ}08'42''$
 $R = 50.00'$
 $L = 72.56'$
 $T = 44.35'$
 $C = 66.36'$

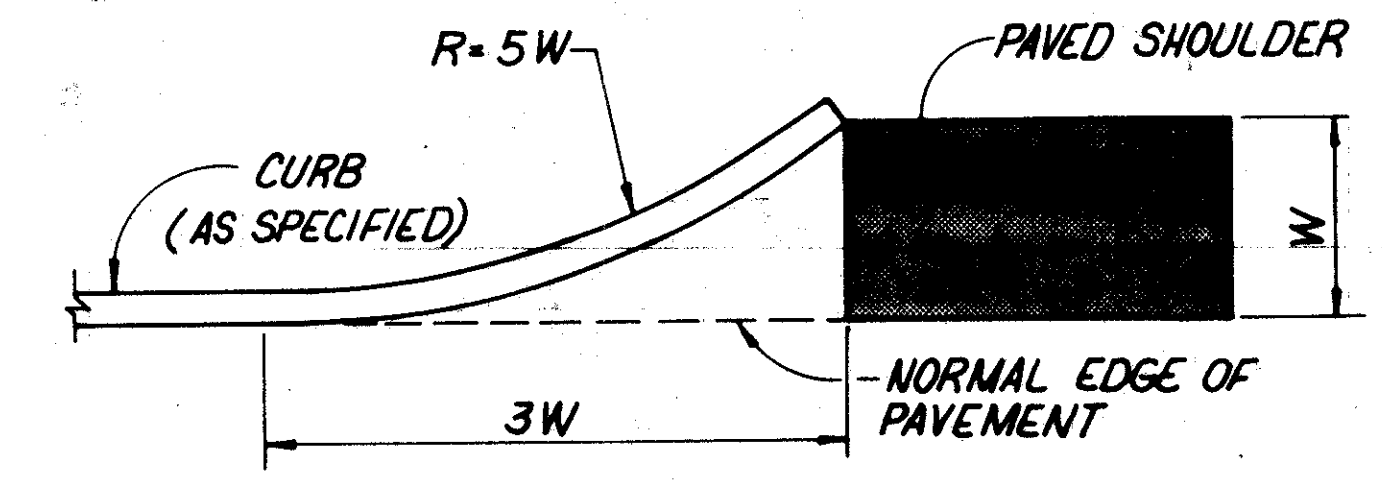
LEGEND

- (C) STANDARD CONTRACTION JOINT
- (LT) STANDARD LONGITUDINAL JOINT
- (TE) THICKENED EDGE JOINT (SEE DETAIL)
- (E) EXPANSION JOINT WITHOUT DOWELS
- (L) LONGITUDINAL JOINT WITHOUT TIEBARS

NOTE:
 FOR JOINT DETAILS SEE SHEET NO. 37



THICKENED EDGE JOINT
 SCALE IN FEET



STANDARD CURB TURN-OUT DETAIL
 NO SCALE

		605 6" Unclassi- fied Pipe U.D.	605 6" Shallow Pipe U.D. 707.01 Type III, 707.21 Type III
		Lin.Ft.	Lin.Ft.
D-1	Rt.	23+30	10+88
D-2	☐	23+32	
	Total:	133	40

NOTE:
 THE FOLLOWING QUANTITIES HAVE BEEN ESTIMATED FOR THE
 EXTRA AREA LIMITS:
 EXCAVATION NOT INCLUDING EMBANKMENT
 CONSTRUCTION = 2350 CU. YDS.
 SEEDING & MULCHING = 592 SQ. YDS.

Note:
 Quantities are carried to the Sub-summaries
 on Sheet No. 12.