



CURVE DATA LEFT EDGE PAVEMENT		CURVE DATA RIGHT EDGE OF PAVEMENT		CURVE DATA Q U.S. 20 ①		CURVE DATA Q U.S. 20 ②	
PC = STA. 22+32.19 (14' Lt.)	Δ = 27° 37' 44"	PC = STA. 22+74.72 (15.61 Rt.)	Δ = 31° 14' 46"	PI = STA 17+28.57	PI = STA 25+65.30		
D = 14° 56' 23"	R = 383.51'	D = 17° 00' 00"	R = 337.03'	Δ = 08° 07' 57"	Δ = 80° 46' 57"		
T = 94.30'	L = 184.94'	T = 94.25'	L = 183.80'	D = 03° 40' 00"	D = 15° 00' 00"		
				R = 1562.61'	R = 381.97'		
				T = 111.08'	T = 324.98'		
				L = 221.80'	L = 538.55'		

FOUNDATION DATA:

THE WEST ABUTMENT SHALL BE FOUNDED ON HP12x53 STEEL BEARING PILES HAVING AN ESTIMATED PAY LENGTH OF 35 FEET PER PILE.

PIER 1 SHALL BE FOUNDED ON A SPREAD FOOTING FOUNDED ON SHALE BEDROCK.

PIER 2 SHALL BE FOUNDED ON HP14x89 STEEL BEARING PILES HAVING AN ESTIMATED PAY LENGTH OF 20 FEET PER PILE.

THE EAST ABUTMENT SHALL BE FOUNDED ON HP12x53 STEEL BEARING PILES HAVING AN ESTIMATED PAY LENGTH OF 40 FEET PER PILE.

WOODRUFF, INC.
CONSULTING ENGINEERS
CLEVELAND, OHIO

SITE PLAN

U.S. ROUTE 20 OVER
THE GRAND RIVER

BR. NO. -LAK-20-1723 FROM STA. 18+91.00 TO STA. 22+89.56

LAKE COUNTY OHIO

MADE R.J.P. TRACED/R.C.K. CHECKED A.M. REVIEWED J.W. SHEET 2/22
DATE 5/11/84 DATE 5/14/84 DATE 10/84 DATE 10/84