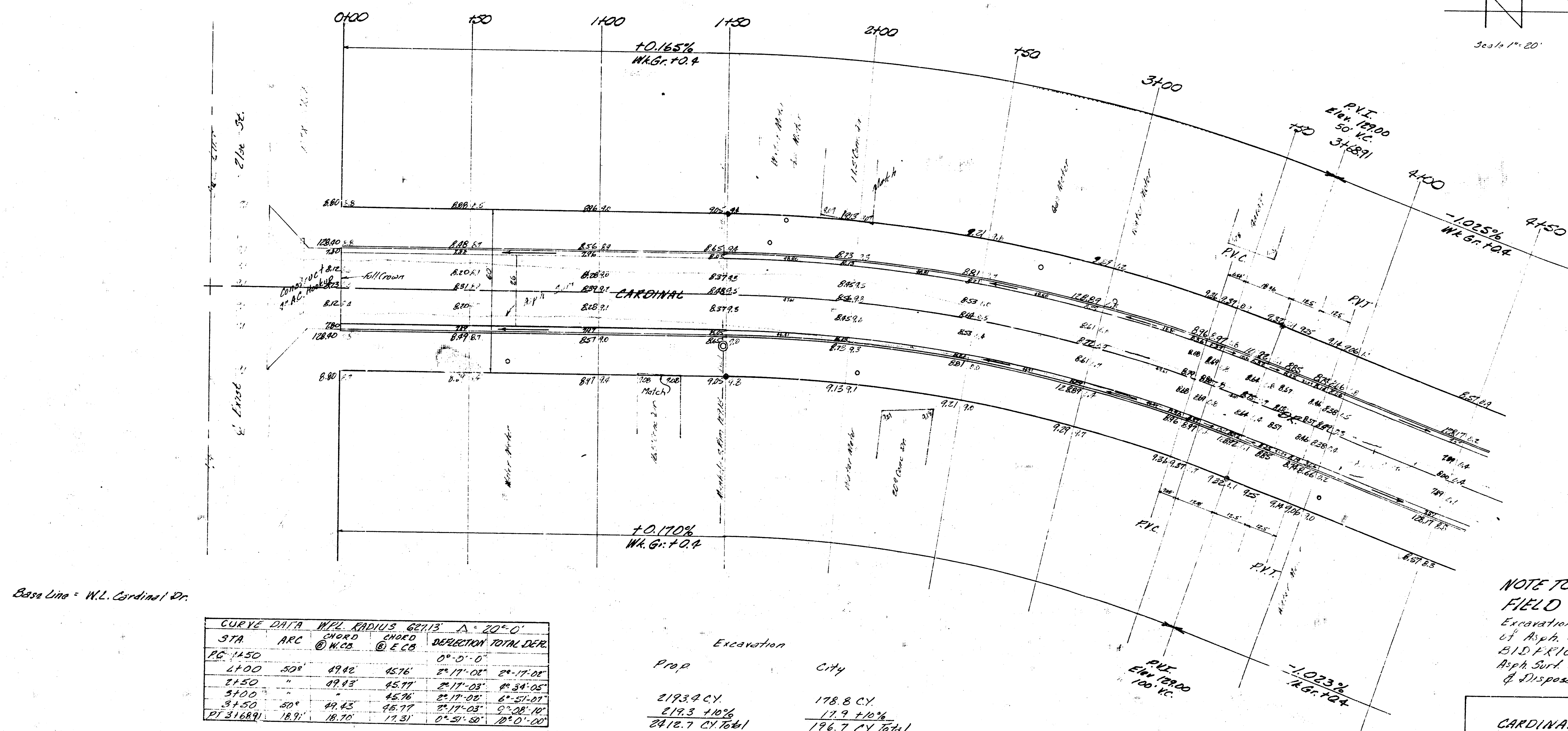
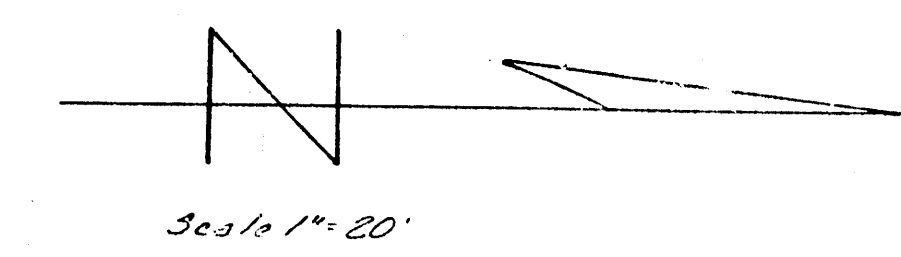


B.M. 126.67 R.R. Spk. S. Side F.R. N. Side 2nd St. & River Blk.
 B.M. 125.11 " " in Ditchie W.L. Hyacinth S. Ch. Benjamin
 B.M. 131.37 N.E. Cor. Stone Mem. NW. Cor. 2nd & Cardinal Dr.



Base Line - W.L. Cardinal Dr.

CURVE DATA		WPI RADIUS		DETS		A = 20° 0'	
STA	ARC	CHORD	CHORD	DEFECTION	TOTAL DEF.		
PC 1+50	50'	49.42	45.76	2° 17' 05"	2° 17' 05"		
PT 2+00	50'	49.43	45.76	2° 17' 05"	4° 34' 10"		
PI 2+50	50'	49.43	45.76	2° 17' 05"	6° 51' 20"		
Pt 3+00	50'	49.43	45.76	2° 17' 05"	9° 08' 25"		
Pt 3+50	50'	49.43	45.76	2° 17' 05"	11° 25' 30"		
Pt 4+00	50'	49.43	45.76	2° 17' 05"	13° 42' 35"		
Pt 4+50	50'	49.43	45.76	2° 17' 05"	16° 00' 40"		

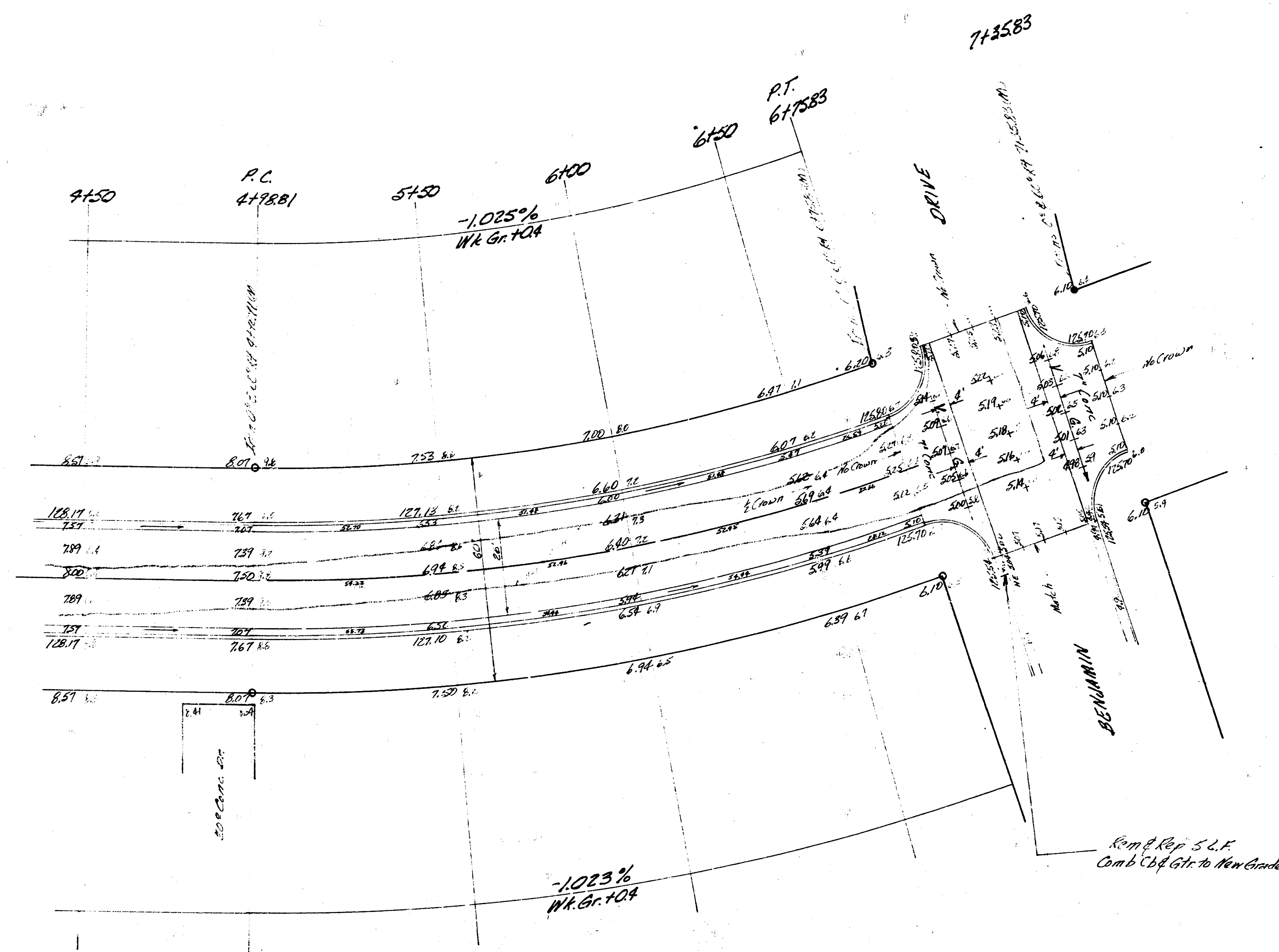
274086 min. 1/4"

Excavation		City	
PROP			
2193.9 CY		178.8 CY	
2193.3 +10%		179.7 +10%	
2412.7 CY Total		196.7 CY Total	

NOTE TO CONTRACTOR & FIELD ENGR.
 Excavation includes the volume of Asph. Surface.
 BID PRICE for 5% Vol. of Asph. Surf. Rem. includes removal & disposal.

CARDINAL DRIVE
 N.E. 21st St. TO N.E. BENJAMIN DR.
 26' - 2' - 30' A.C.
 CITY OF WICHITA, KANSAS
 B.E. SMITH CITY ENGINEER
 DATE MARCH 1987 PROJ. NO. C15-18





CURVE DATA W.P.L. 507.13 Δ = 20° 0'				
STA	ARC	CHORD	CHORD	DEFLECTION TOTAL DATA
P.C. 4+788.1	⑥ M.C.B.	⑥ E.C.B.	⑥ E.C.B.	⑥° 0' 0"
5+150	51.17'	51.87'	54.51'	2° 53' 30" 14.53' 50"
6+100	50.0'	50.27'	53.20'	2° 47' 2" 5° 40' 58"
6+150	50.0'	50.66'	53.21'	2° 47' 2" 8° 33' 07"
P.T. 6+758.3	25.83'	26.18'	28.53'	1° 27' 33" 10° 0' 0"

5.38741 min / ft