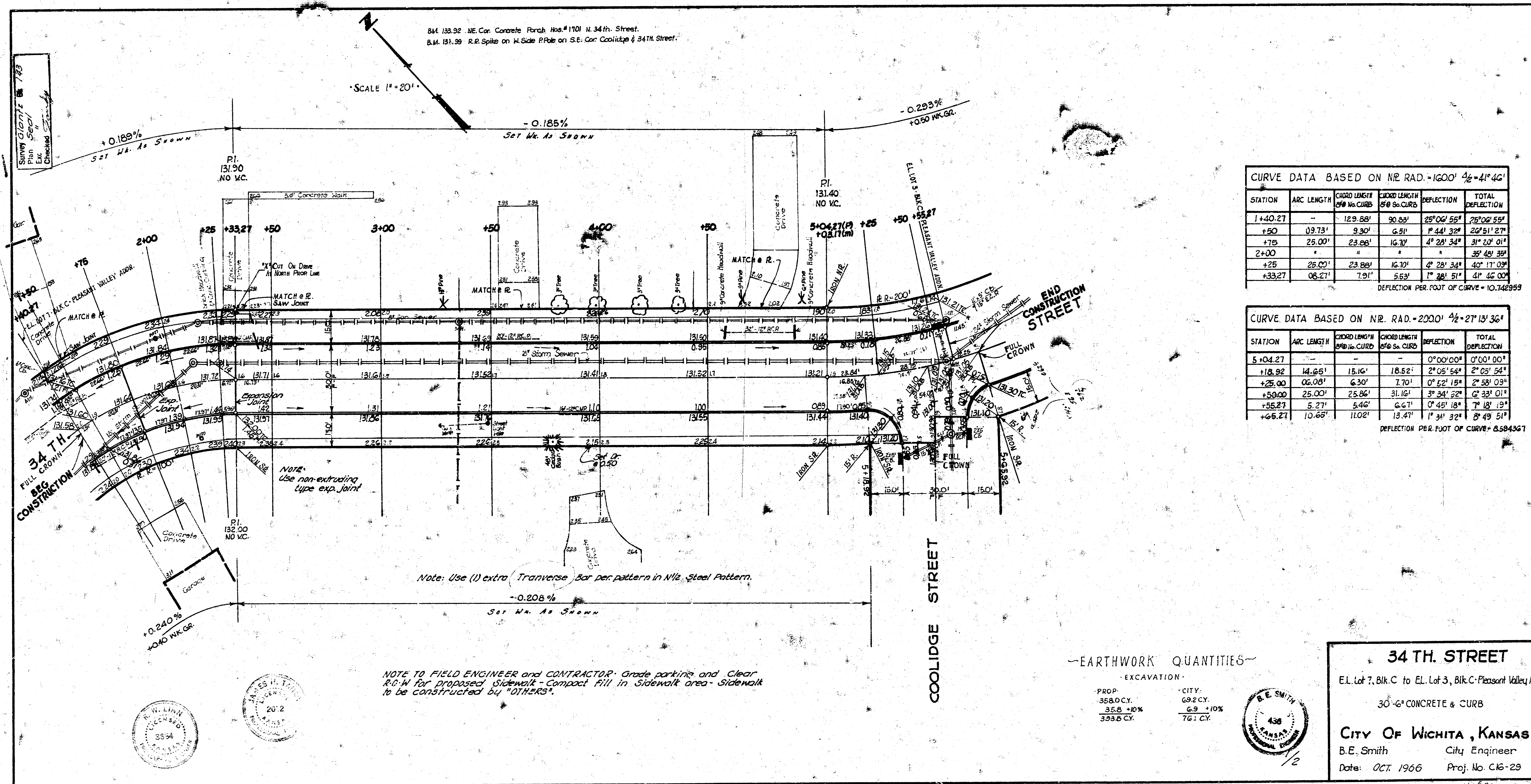




CURVE DATA BASED ON NR. RAD. = 1600' $\Delta = 41^\circ 46'$

STATION	ARC LENGTH	CHORD LENGTH OF CURVE	CHORD LENGTH OF S.C. CURVE	DEFLECTION	TOTAL DEFLECTION
1+00.27	—	129.68'	90.68'	25°00'55"	25°00'55"
+50	19.73'	9.30'	6.91'	4°44'32"	29°45'27"
+75	25.00'	23.66'	16.17'	4°28'34"	34°14'01"
+200	—	—	—	—	38°48'35"
+25	25.00'	23.66'	16.17'	4°28'34"	48°17'09"
+33.27	06.27'	7.91'	5.63'	1°38'51"	49°56'00"

DEFLECTION PER FOOT OF CURVE = 10.742959

CURVE DATA BASED ON NR. RAD. = 2000' $\Delta = 27^\circ 13' 36''$

STATION	ARC LENGTH	CHORD LENGTH OF CURVE	CHORD LENGTH OF S.C. CURVE	DEFLECTION	TOTAL DEFLECTION
1+00.27	—	—	—	0°00'00"	0°00'00"
+18.92	14.65'	15.16'	10.62'	2°05'58"	2°05'58"
+25.00	06.00'	6.30'	4.30'	0°42'18"	2°48'16"
+50.00	25.00'	25.86'	17.16'	3°34'22"	6°22'38"
+55.27	5.27'	5.40'	3.67'	0°45'18"	7°08'19"
+65.27	10.65'	11.02'	7.37'	1°38'32"	8°46'51"

DEFLECTION PER FOOT OF CURVE = 6.584367

—EARTHWORK QUANTITIES—

EXCAVATION	
PROP.	CITY
358.0 CY.	69.2 CY.
35.8 +10%	6.9 +10%
393.8 CY.	76.1 CY.

34 TH. STREET

EL. Lot 7, Blk. C to EL. Lot 3, Blk. C - Pleasant Valley Add.

30'-6" CONCRETE & CURB

CITY OF WICHITA, KANSAS

B.E. Smith City Engineer

Date: OCT. 1966 Proj. No. C16-29