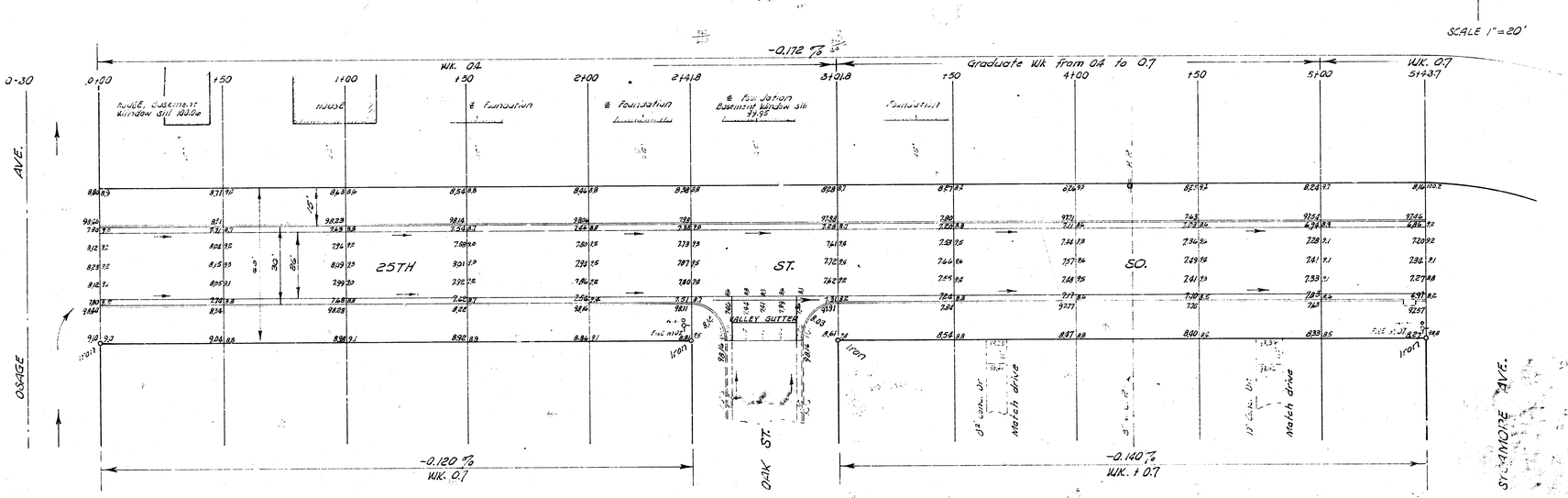
B. M. 100.32 Step bench E.S. Mulberry, near S.L. 25th St. So. E.L. Sycamore.

B. M. 95.15 "R" in Ritchie E. c.b. Oak S.L. 25TH St. So.

B. M. 93.725 S.W. 1st Conc. step No. # 2752 So. Oak.

Base = ℄ 25th St. So. From 0+00 to 5+73.7

SCALE 1"=20'



Earth work (Excavation)

	City		Prop.
	219.8		2531.1
+10%	22.0	+10%	253.1
	241.8 Cu. Yds.		2,784.2 Cu. Yds.

JOHN H. EPPERSON — LICENSED — 531 — REGISTERED ENGINEER

B. E. SMITH — REGISTERED — 436 — PROFESSIONAL ENGINEER

1/2

25TH ST. SO.

EL OSAGE TO WL EXCHANGE PLACE

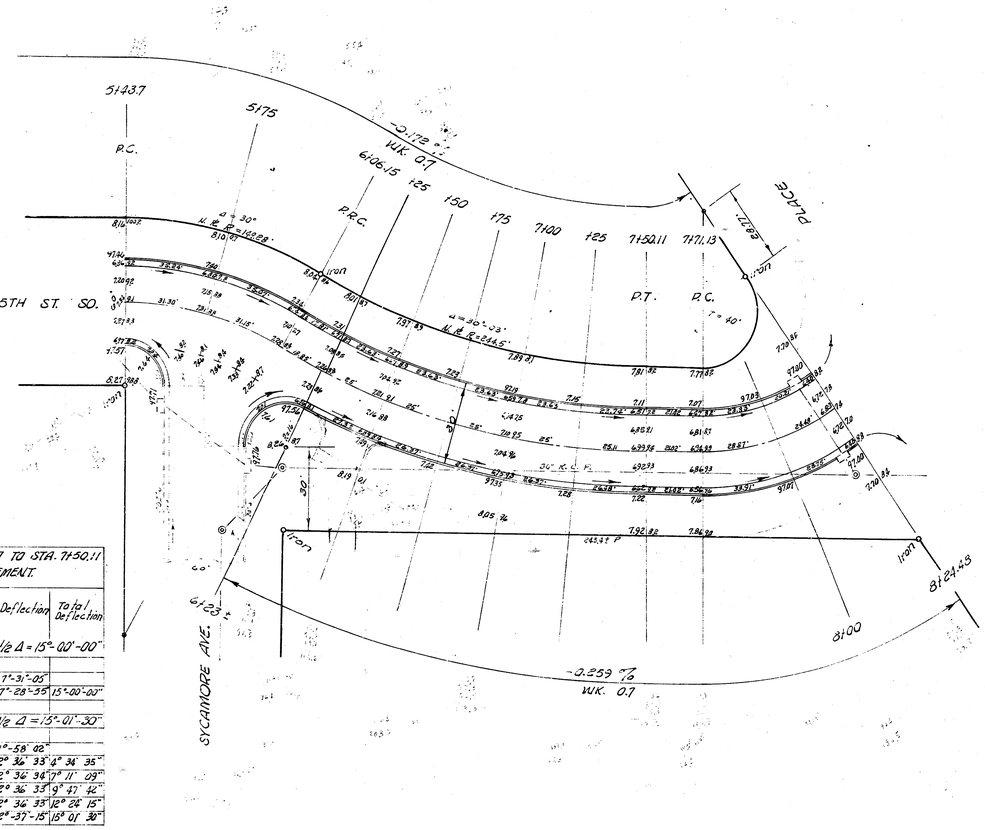
26'-2"-30' A.C.

CITY OF WICHITA, KANSAS

B. E. SMITH CITY ENGINEER

DEC. 1958, PROJ. NO. C15-102

NOTE: stationing on ℄ proposed pavement from Sta. 5+43.7 to Sta. 8+24.48.



SCALE 1" = 20'

CURVE DATA — STA. 7+71.13 TO STA. 8+24.48
STATIONING ON ℄ PAVEMENT
R = 85.94' — ½ Δ = 17°-47'-00"

STATIONS	Arc length ℄ Pavement R = 85.94'	Chord length 8' offset from face of S. CB R = 108.94'	Chord length 8' offset from face of N. CB R = 62.94'	Deflection	Total Deflection
7+71.13					
8+00.00	28.87	34.42'	21.04'	9° 37' 28"	
8+24.48	24.48	30.93'	17.87'	8° 09' 36"	17° 47' 00"

CURVE DATA — STA. 5+43.7 TO STA. 7+50.11
STATIONING ON ℄ PROPOSED PAVEMENT.

STATIONS	Arc length ℄ Pavement	Chord length 8' offset from face of S. CB	Chord length 8' offset from face of N. CB	Deflection	Total Deflection
R = 1,719.28'		R = 96.28'	R = 142.28'	½ Δ = 15°-00'-00"	
5+43.7					
5+75.0	31.30'		37.23'	7°-31'-05"	
6+06.15	31.15'		37.05'	7°-28'-35"	15°-00'-00"
R = 274.50'		R = 97.50'	R = 851.50'	½ Δ = 15°-01'-30"	
6+06.15					
6+25.0	18.85'		17.27'	1°-58'-02"	
6+50.0	25.00'	26.49'	22.90'	2° 36' 33"	4° 36' 35"
6+75.0	25.00'	26.50'	22.90'	2° 36' 34"	7° 11' 09"
7+00.0	25.00'	26.49'	22.90'	2° 36' 33"	9° 47' 42"
7+25.0	25.00'	26.49'	22.90'	2° 36' 33"	12° 24' 15"
7+50.11	25.11'	27.20'	23.00'	2°-37'-15"	15° 01' 30"

25TH. ST. SO.
OSAGE TO EXCHANGE PL.

2/2

PROJ. NO C.15-102