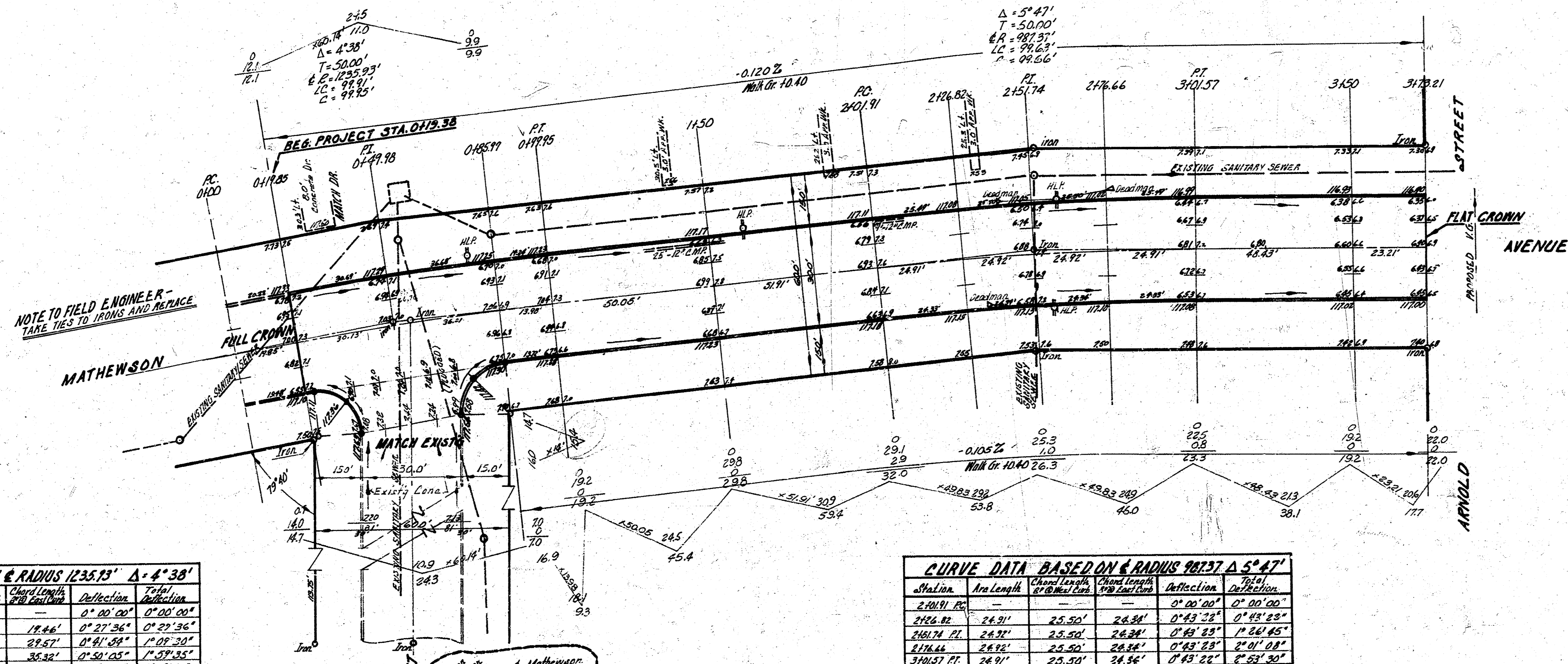


SM 18.56 SE. CON. CONC. PORCH NOS. 1420 ARNOLD
 SM 18.10. 15' IN CONSTRUCTION TOP CB. 30. END ROAD SE. 17TH & MATHEWSON
 Note: Stationing on E. Mathewson

Scale = 1" = 200'



CURVE DATA BASED ON RADIUS 123513' Δ = 4° 38'

Station	Arc Length	Chord Length	Chord Bearing	Deflection	Total Deflection
0+00.00	—	—	—	0° 00' 00"	0° 00' 00"
0+15.85	17.85'	20.18'	18.66'	0° 27' 56"	0° 27' 56"
0+31.70	35.70'	40.37'	37.32'	0° 44' 51"	0° 44' 51"
0+47.55	53.55'	60.55'	55.98'	0° 58' 53"	1° 03' 44"
0+63.40	71.40'	80.73'	71.16'	1° 12' 36"	2° 16' 20"

Deflection Per foot of Curve = 1.3901'

CURVE DATA BASED ON RADIUS 2027 Δ = 5° 47'

Station	Arc Length	Chord Length	Chord Bearing	Deflection	Total Deflection
2+00.00	—	—	—	0° 00' 00"	0° 00' 00"
2+04.91	24.91'	25.50'	24.91'	0° 43' 28"	0° 43' 28"
2+09.82	49.82'	50.99'	49.82'	0° 43' 28"	0° 43' 28"
2+14.73	74.73'	76.48'	74.73'	0° 43' 28"	0° 43' 28"
2+19.64	99.64'	102.16'	99.64'	0° 43' 28"	0° 43' 28"
2+24.55	124.55'	127.84'	124.55'	0° 43' 28"	0° 43' 28"

Deflection Per foot of Curve = 1.74066'

NOTE TO FIELD ENGINEER AND CONTRACTOR:
 All entrance pipes to be disposed of in accordance with CITY DIRT ORDINANCE.

EXCAVATION TOTALS

PROP.	CITY
294.2	39.2
+10% 29.4	4.0
323.6 Cu. yds	43.7 Cu. yds

MATHEWSON AVENUE
 SL 16TH STREET - SL ARNOLD STREET
 30" CONCRETE + CB
 City of Wichita, Kansas
 B.E. Smith City Engineer
 Date: Sept. 1959 Project No. C.B.-151

