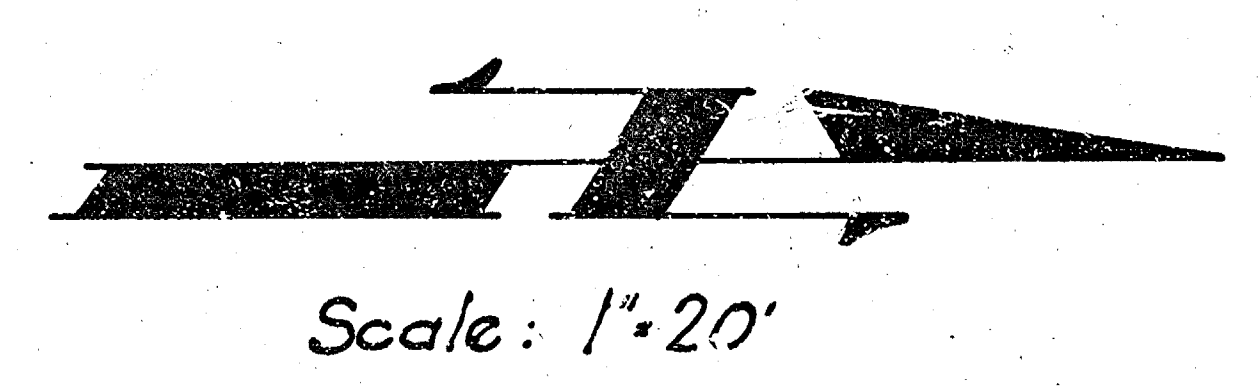
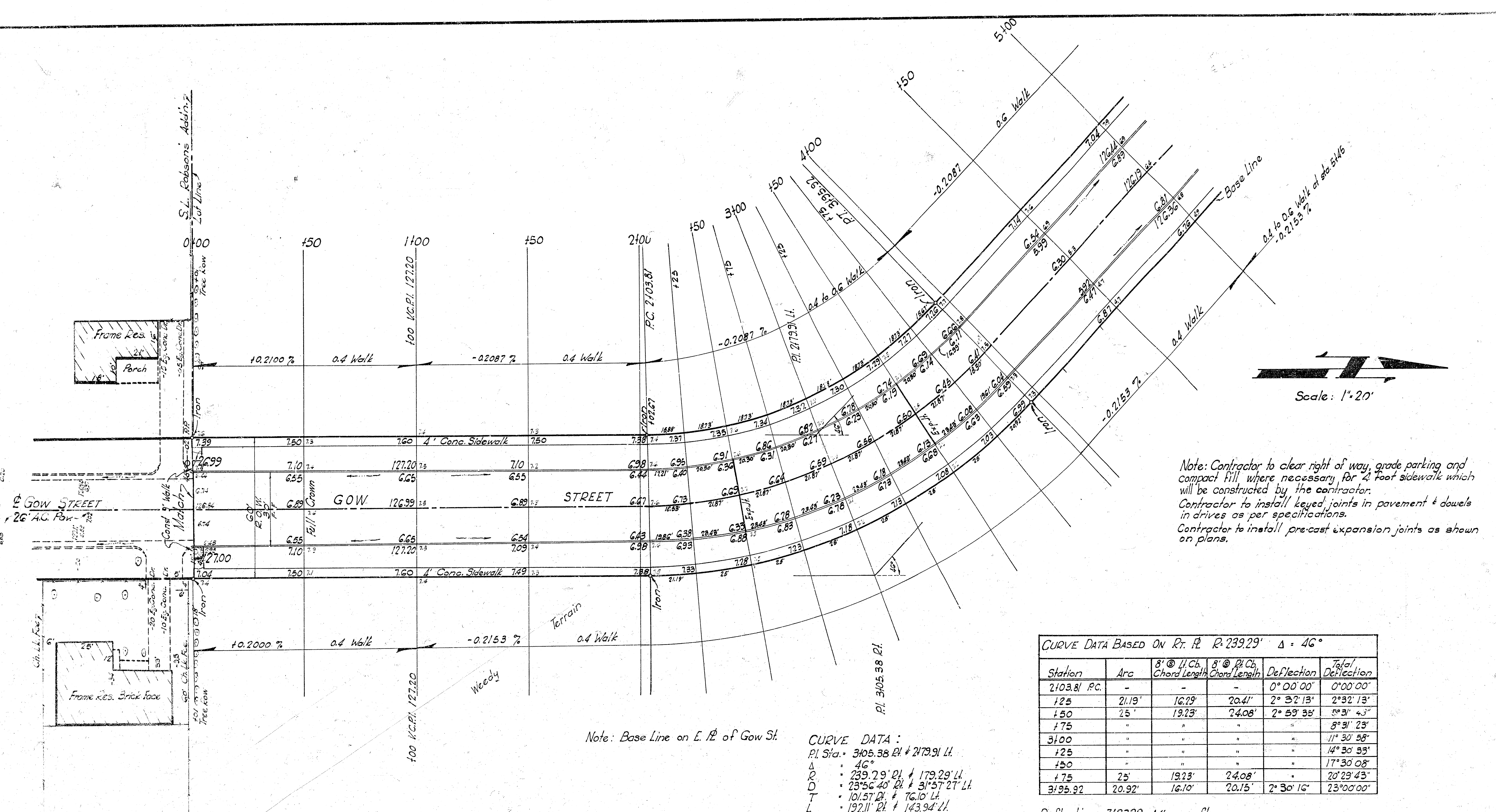




Note: Contractor to clear right of way, grade parking and compact fill where necessary for 4 foot sidewalk which will be constructed by the contractor.
 Contractor to install keyed joints in pavement & dowels in drives as per specifications.
 Contractor to install pre-cast expansion joints as shown on plans.

CURVE DATA BASED ON RT. PL. R=239.29' Δ = 46°

Station	Arc	8' @ 11' Ch. Length	8' @ 11' Ch. Length	Deflection	Total Deflection
2103.81 PC	-	-	-	0° 00' 00"	0° 00' 00"
125	21.13'	16.29'	20.41'	2° 32' 13"	2° 32' 13"
150	25'	19.23'	24.08'	2° 59' 35"	5° 31' 48"
175	"	"	"	"	8° 31' 23"
3100	"	"	"	"	11° 30' 58"
125	"	"	"	"	14° 30' 33"
150	"	"	"	"	17° 30' 08"
175	25'	19.23'	24.08'	"	20° 29' 43"
3195.92	20.92'	16.10'	20.15'	2° 30' 16"	23° 00' 00"

Deflection: 7.18322 Min. per ft. arc.

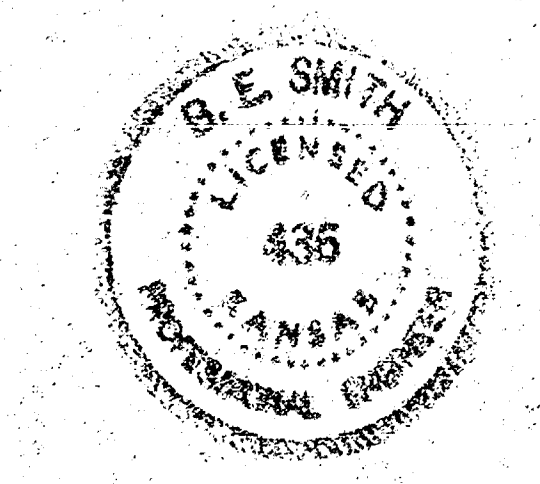
B.M. 133.26 "M" in Muller S.E. Cor. 19th & Westridge.
 B.M. 130.61 S.E. Cor. Conc. Porch Ho. #1951 Joann St.

Note: Base Line on E. Pl. of Gow St.

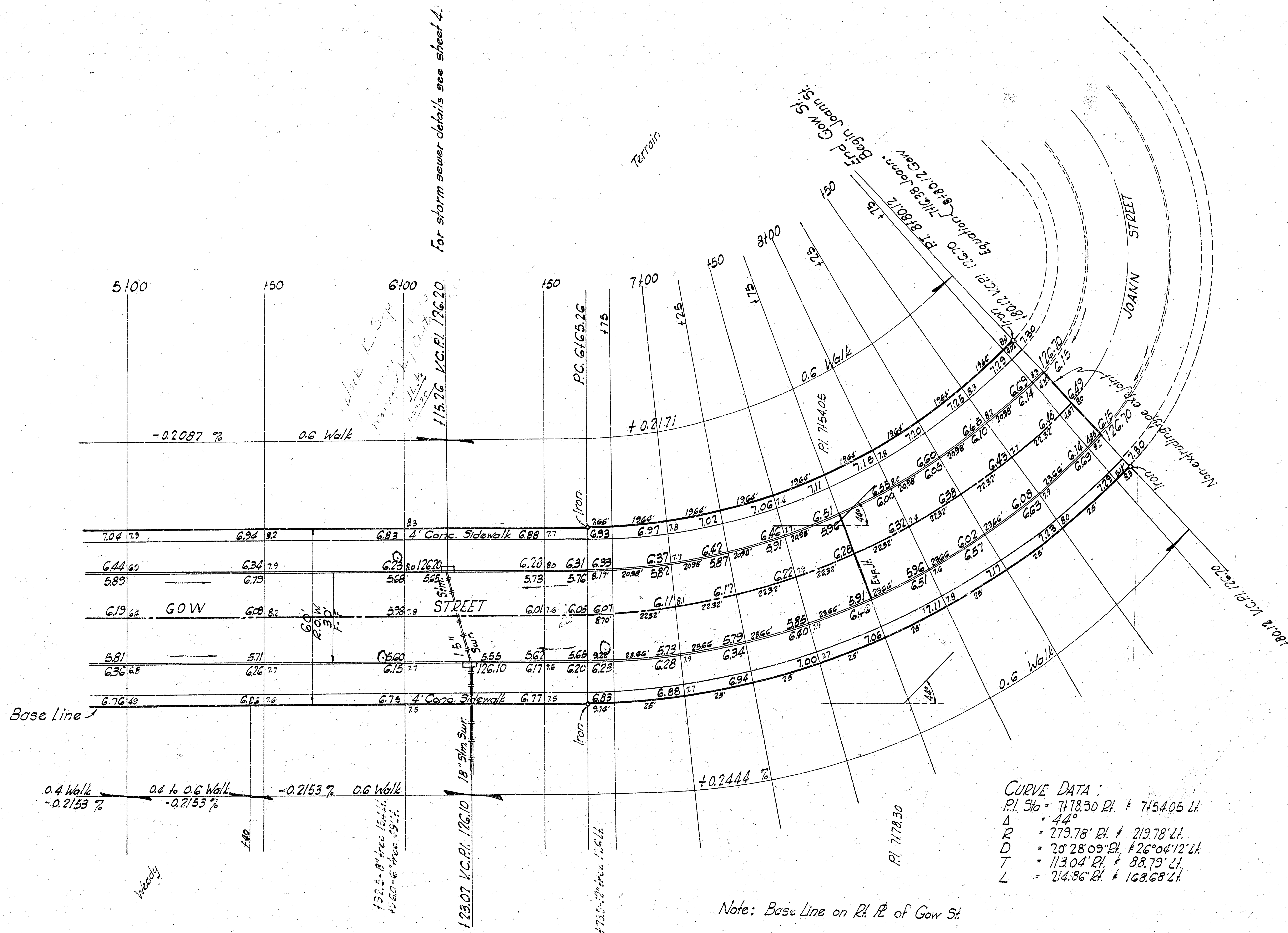
CURVE DATA:
 PI Sta. = 3105.38 PI # 2179.91 LI.
 Δ = 46°
 R = 239.29' PI # 179.29 LI.
 D = 23° 56' 40" PI # 31° 57' 27" LI.
 T = 101.57' PI # 76.10 LI.
 L = 192.11' PI # 143.94 LI.

Earthwork Quantities For Project

Excavation	Compacted Fill
4054 Cu. Yds.	99 Cu. Yds.
110% 405 Cu. Yds.	110% 10 Cu. Yds.
Total 4459 Cu. Yds.	Total 109 Cu. Yds.



GOW & JOANN STREETS
 as platted in Robson's Scenic Heights
 30' Conc. & Curb
 B.E. Smith City Engineer
 City of Wichita, Kansas
 Date: Sept. 1968 Proj. No. C17-90



CURVE DATA:
 P.I. Sta. 7178.30 R.L. 7154.05 L.H.
 $\Delta = 44^\circ$
 $R = 279.78' R.L. 719.78' L.H.$
 $D = 2^\circ 28' 09" R.L. 726.04' L.H.$
 $T = 113.04' R.L. 88.79' L.H.$
 $L = 214.36' R.L. 168.68' L.H.$

CURVE DATA BASED ON R.L. 7178.30 $\Delta = 44^\circ$					
Station	Arc	8" @ 4' Ch. Chord Length	8" @ 16' Ch. Chord Length	Deflection	Total Deflection
6165.26 P.T.	-	-	-	0° 00' 00"	0° 00' 00"
7175	9.74'	7.83'	9.46'	0° 59' 50"	0° 59' 50"
7100	25'	20.10'	24.26'	2° 33' 35"	3° 33' 25"
7125	"	"	"	"	6° 07' 00"
7150	"	"	"	"	7° 40' 35"
7175	"	"	"	"	11° 14' 10"
8+00	"	"	"	"	13° 47' 45"
7125	"	"	"	"	16° 21' 20"
7150	"	"	"	"	18° 54' 55"
7175	25'	20.10'	24.26'	2° 33' 35"	21° 28' 30"
8+12 P.T.	5.12'	5.08'	4.97'	0° 31' 30"	22° 00' 00"

Deflection: 6.14366 Min. per ft. arc.

B.M. 133.26 "M" in Muller S.E. Cor. 19th & Westridge
 B.M. 130.61 S.E. Cor. Birch Ho. 1951 Joann St.

GOW & JOANN STREETS
 as platted in Robson's Scenic Heights
 30' Conc. & Curb
 B.E. Smith City Engineer
 City of Wichita, Kansas
 Date: Proj. No. C17-90

B.M. 133.26 "M" in Muller S.E. cor. 19th & Westridge.
B.M. 130.61 S.E. cor. conc. porch Ho. "1951 Joann."

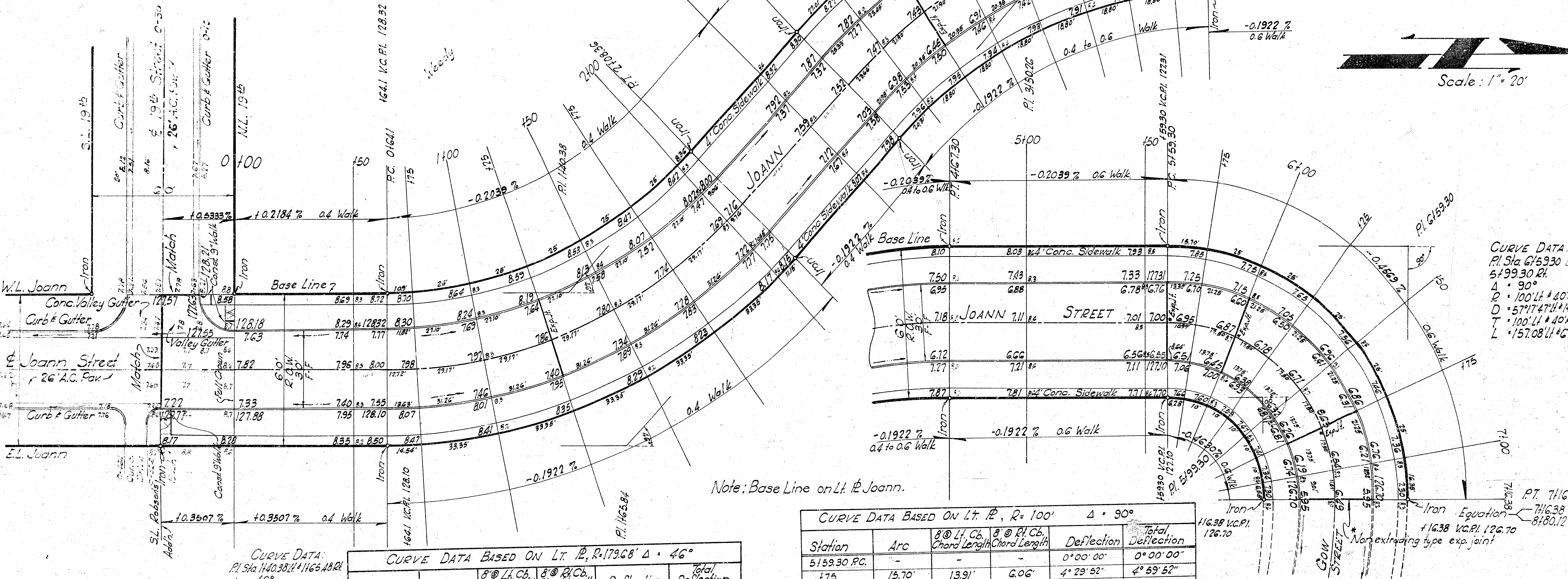
Note: Contractor to clear right of way, grade parking and compact fill where necessary for 4 inch sidewalk which will be constructed by the contractor.

CURVE DATA BASED ON LT. R, R=241.82' Δ = 46°					
Station	Arc	8" @ Lt. Ch. Chord Length	8" @ Rt. Ch. Chord Length	Deflection	Total Deflection
2172.99 P.C.	-	-	-	0° 00' 00"	0° 00' 00"
3100	27.01'	26.03'	20.85'	3° 10' 47"	3° 10' 47"
125	25'	24.10'	19.29'	2° 57' 4"	6° 08' 29"
150	-	-	-	"	9° 06' 12"
175	-	-	-	"	12° 03' 53"
4100	-	-	-	"	15° 01' 35"
125	-	-	-	"	17° 59' 17"
150	25'	24.10'	19.29'	2° 57' 41"	20° 56' 59"
4167.90 P.T.	17.30'	16.67'	13.35'	2° 02' 59"	23° 00' 00"

Deflection: 7.1080 Min. per foot arc.

CURVE DATA:
PI Sta 3175.7211 ± 3150.26 R/L
Δ = 46°
R = 241.8211 ± 181.82 R/L
D = 23° 40' 22" ± 31° 35' 40" R/L
T = 102.7311 ± 77.27 R/L
L = 194.3111 ± 146.14 R/L

Note: Contractor to install pre-cast expansion joint as shown on plans.
Contractor to install keyed joints in pavement & dowels in drives as per specifications.
Contractor to install pre-cast expansion joint as shown on plans.



CURVE DATA:
PI Sta 1140.5811 ± 1165.48 R/L
Δ = 46°
R = 179.6811 ± 239.69 R/L
D = 31° 53' 13" ± 23° 54' 17" R/L
T = 76.2811 ± 101.74 R/L
L = 144.2611 ± 192.43 R/L

CURVE DATA BASED ON LT. R, R=179.68' Δ = 46°					
Station	Arc	8" @ Lt. Ch. Chord Length	8" @ Rt. Ch. Chord Length	Deflection	Total Deflection
0+64.1 P.C.	-	-	-	0° 00' 00"	0° 00' 00"
125	14.9'	11.18'	14.00'	1° 44' 16"	1° 44' 16"
175	25'	25.64'	32.12'	3° 59' 09"	5° 43' 25"
125	-	-	-	"	9° 42' 35"
150	-	-	-	"	13° 41' 44"
175	-	-	-	"	17° 40' 53"
2100	25'	25.64'	32.12'	3° 59' 09"	21° 40' 02"
2108.36 P.T.	8.36'	8.25'	10.75'	1° 20' 58"	23° 00' 00"

Deflection: 9.5663 Min. per foot arc.

CURVE DATA BASED ON LT. R, R=100' Δ = 90°					
Station	Arc	8" @ Lt. Ch. Chord Length	8" @ Rt. Ch. Chord Length	Deflection	Total Deflection
5159.30 P.C.	-	-	-	0° 00' 00"	0° 00' 00"
175	15.70'	13.91'	6.06'	4° 29' 52"	4° 29' 52"
6100	25'	22.15'	9.66'	7° 09' 43"	11° 39' 35"
125	-	-	-	"	3° 49' 18"
150	-	-	-	"	25° 59' 01"
175	-	-	-	"	33° 08' 44"
7100	25'	22.15'	9.66'	7° 09' 43"	40° 18' 27"
7116.98 P.T.	16.38'	14.51'	6.23'	4° 41' 33"	45° 00' 00"

Deflection: 17.18873 Min. per foot arc.

GOW & JOANN STREET
as platted in Robson's Scenic Hwy
30' Conc. & Curb
B.E. Smith City Engineer
City of Wichita, Kansas
Date Proj. No. C17-90

B.M. 133.26 "M" in Muller S.E. cor. 19th & Westridge.
B.M. 130.61 S.E. cor. conc. porch Ho. 1951 Joann.

Note: Contractor to clear right of way, grade parking and compact fill where necessary for 4 inch sidewalk which will be constructed by the contractor.

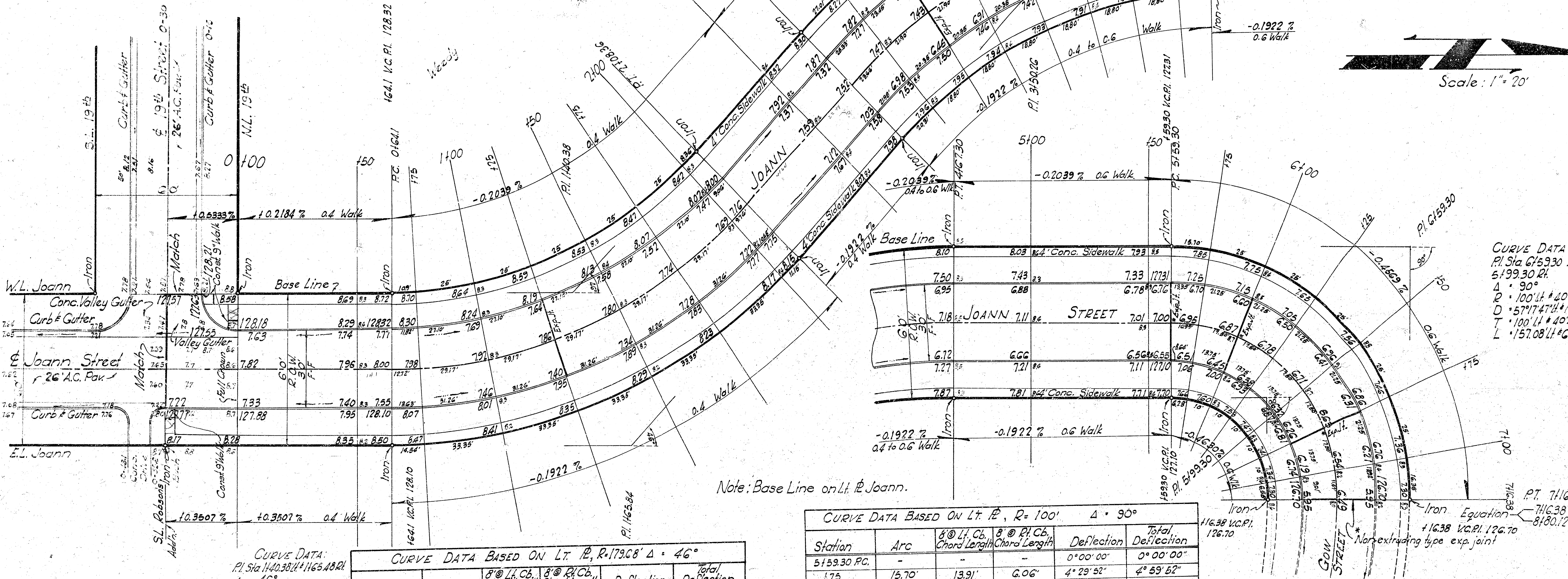
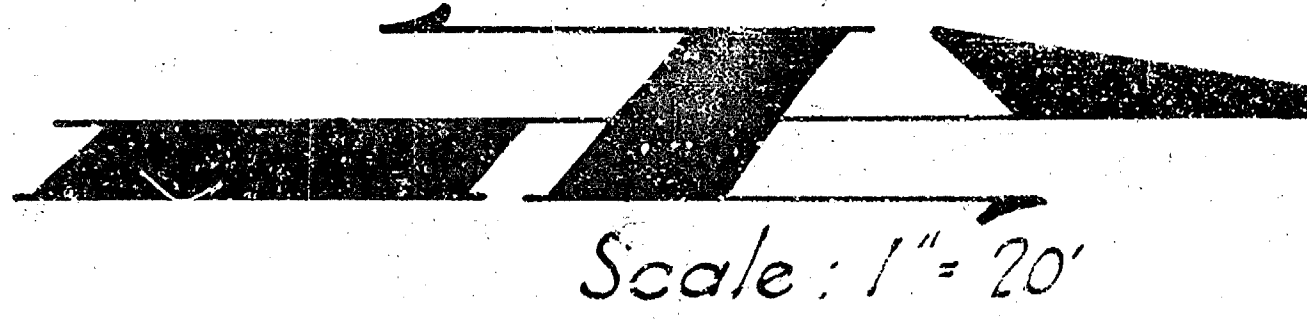
CURVE DATA BASED ON LT. P, R=241.82' Δ = 46°

Station	Arc	8" @ Lt. Cb. Chord Length	8" @ Pt. Cb. Chord Length	Deflection	Total Deflection
2172.99 PC	-	-	-	0° 00' 00"	0° 00' 00"
3100	27.01'	26.03'	20.85'	3° 10' 47"	3° 10' 47"
125	25'	24.10'	19.29'	2° 57' 4"	6° 08' 29"
150	"	"	"	"	9° 06' 12"
175	"	"	"	"	12° 03' 53"
4100	"	"	"	"	15° 01' 35"
125	"	"	"	"	17° 59' 17"
150	25'	24.10'	19.29'	2° 57' 4"	20° 56' 59"
4167.30 PT	17.30'	16.67'	13.35'	2° 02' 59"	23° 00' 00"

Deflection: 7.1080 Min. per foot arc.

CURVE DATA:
PI Sta 3175.72 Lt. 3150.26' RH
Δ = 46°
R = 241.82' Lt. 181.82' PL
D = 23° 40' 22" Lt. 3° 30' 40" PL
T = 102.73' Lt. 77.27' PL
L = 194.31' Lt. 146.14' PL

Note: Contractor to install pre-cast expansion joint as shown on plans. Contractor to install keyed joints in pavement & dowels in drives as per specifications. Contractor to install pre-cast expansion joint as shown on plans.



CURVE DATA:
PI Sta 1140.38 Lt. 1165.48' RL
Δ = 46°
R = 179.68' Lt. 239.69' PL
D = 31° 53' 13" Lt. 23° 54' 17" PL
T = 76.28' Lt. 101.74' PL
L = 144.26' Lt. 192.43' PL

CURVE DATA BASED ON LT. P, R=179.68' Δ = 46°

Station	Arc	8" @ Lt. Cb. Chord Length	8" @ Pt. Cb. Chord Length	Deflection	Total Deflection
0+641 PC	-	-	-	0° 00' 00"	0° 00' 00"
175	10.9'	11.18'	14.00'	1° 44' 16"	1° 44' 16"
100	25'	25.64'	32.12'	3° 59' 09"	5° 43' 25"
125	"	"	"	3° 59' 10"	9° 42' 35"
150	"	"	"	3° 59' 09"	13° 41' 44"
175	"	"	"	"	17° 40' 53"
2100	25'	25.64'	32.12'	3° 59' 09"	21° 40' 02"
2108.36 PT	8.36'	8.25'	10.75'	1° 20' 58"	23° 00' 00"

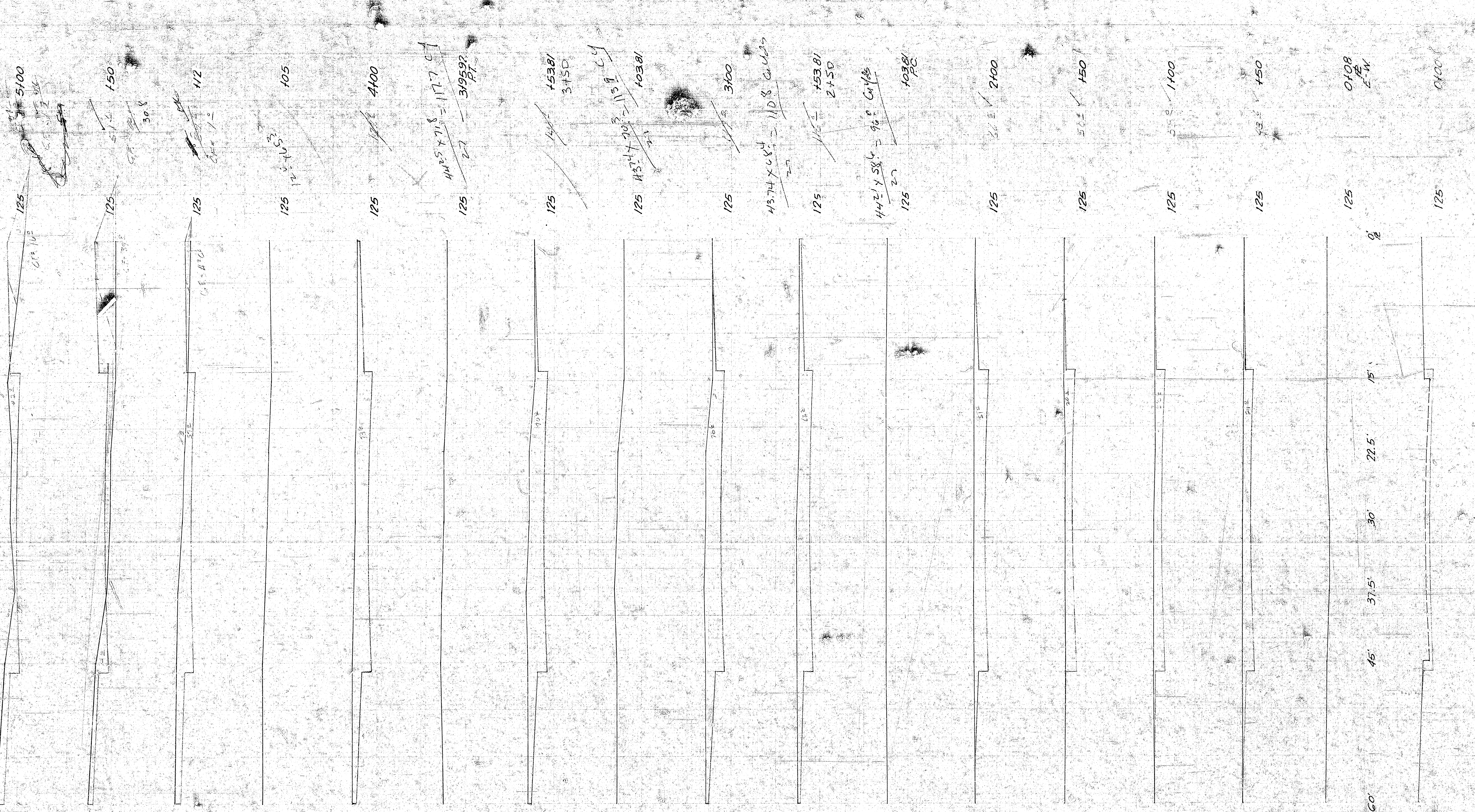
Deflection: 9.5663 Min. per foot arc.

CURVE DATA BASED ON LT. P, R=100' Δ = 90°

Station	Arc	8" @ Lt. Cb. Chord Length	8" @ Pt. Cb. Chord Length	Deflection	Total Deflection
5159.30 PC	-	-	-	0° 00' 00"	0° 00' 00"
175	15.70'	13.91'	6.06'	4° 29' 52"	4° 29' 52"
6100	25'	22.15'	9.66'	7° 09' 43"	11° 39' 35"
125	"	"	"	"	18° 49' 18"
150	"	"	"	"	25° 59' 01"
175	"	"	"	"	33° 08' 44"
7100	25'	22.15'	9.66'	7° 09' 43"	40° 18' 27"
7116.38 PT	16.38'	14.51'	6.33'	4° 41' 33"	45° 00' 00"

Deflection: 17.18873 Min. per foot arc.

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30" Conc. & Curb
B.E. Smith City Engineer
City of Wichita, Kansas
Date Proj. No. C17-9



1112319
PC

125

11100
5400

125

150

125

13219
PT

125

10100
5400

125

150

125

9400
1400

125

18212
PC

125

150

125

8400

125

150

125

7400

125

10526
PC

125

150

125

6400

125

150

125

5400

125

