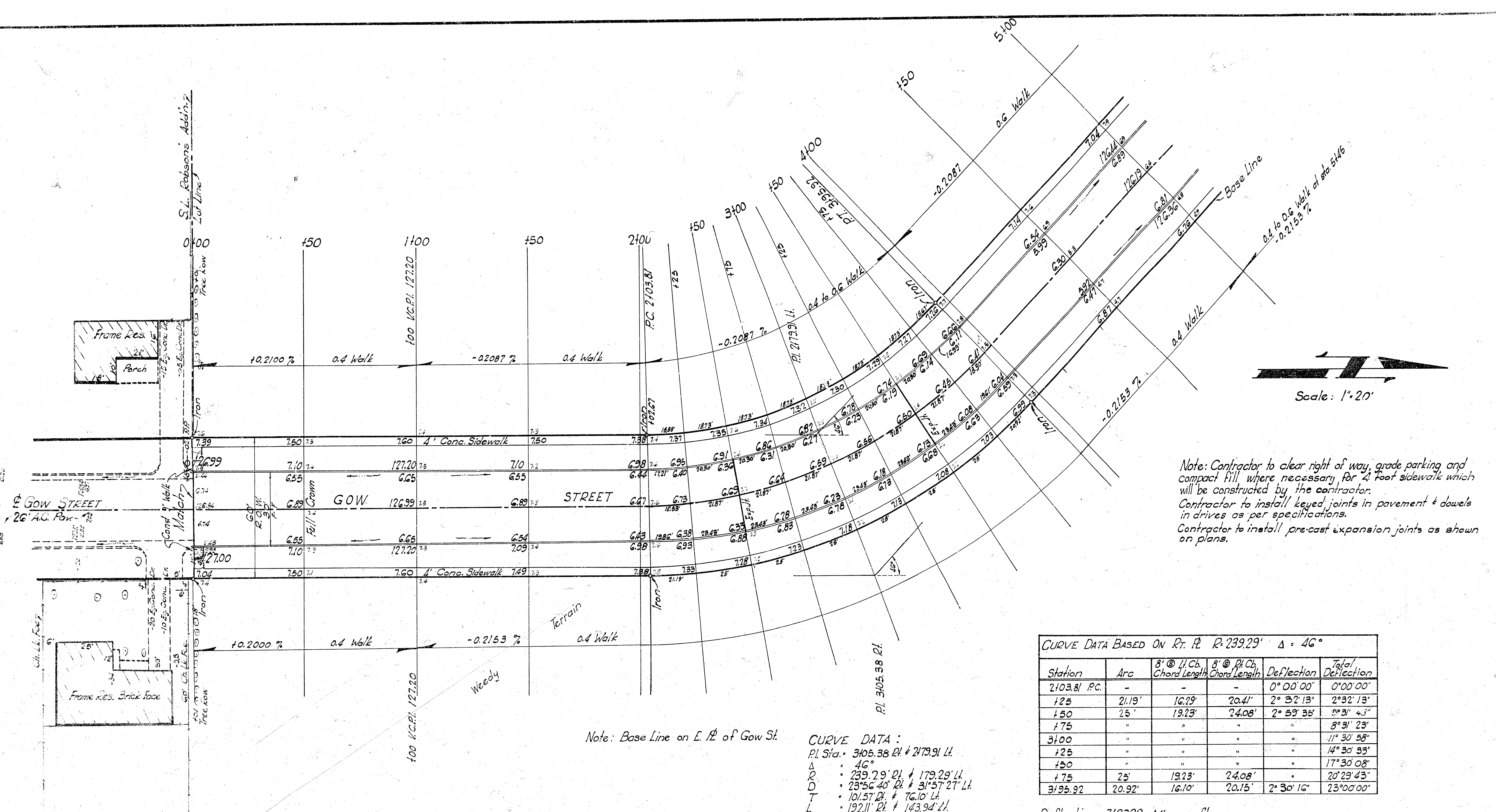




CURVE DATA BASED ON RT. PI R=239.29' $\Delta = 46^\circ$

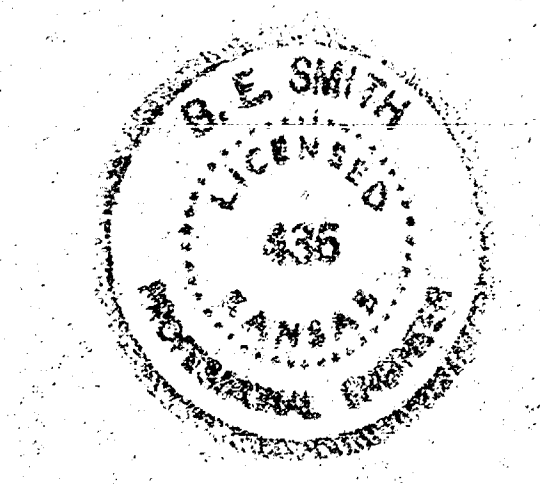
Station	Arc	8' @ 1/4" Chord Length	8' @ 1/4" Chord Length	Deflection	Total Deflection
2103.81 PC	-	-	-	0°00'00"	0°00'00"
125	21.13'	16.29'	20.41'	2°32'13"	2°32'13"
150	25'	19.23'	24.08'	2°59'35"	5°31'48"
175	"	"	"	"	8°31'23"
3100	"	"	"	"	11°30'58"
125	"	"	"	"	14°30'33"
150	"	"	"	"	17°30'08"
175	25'	19.23'	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.

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.

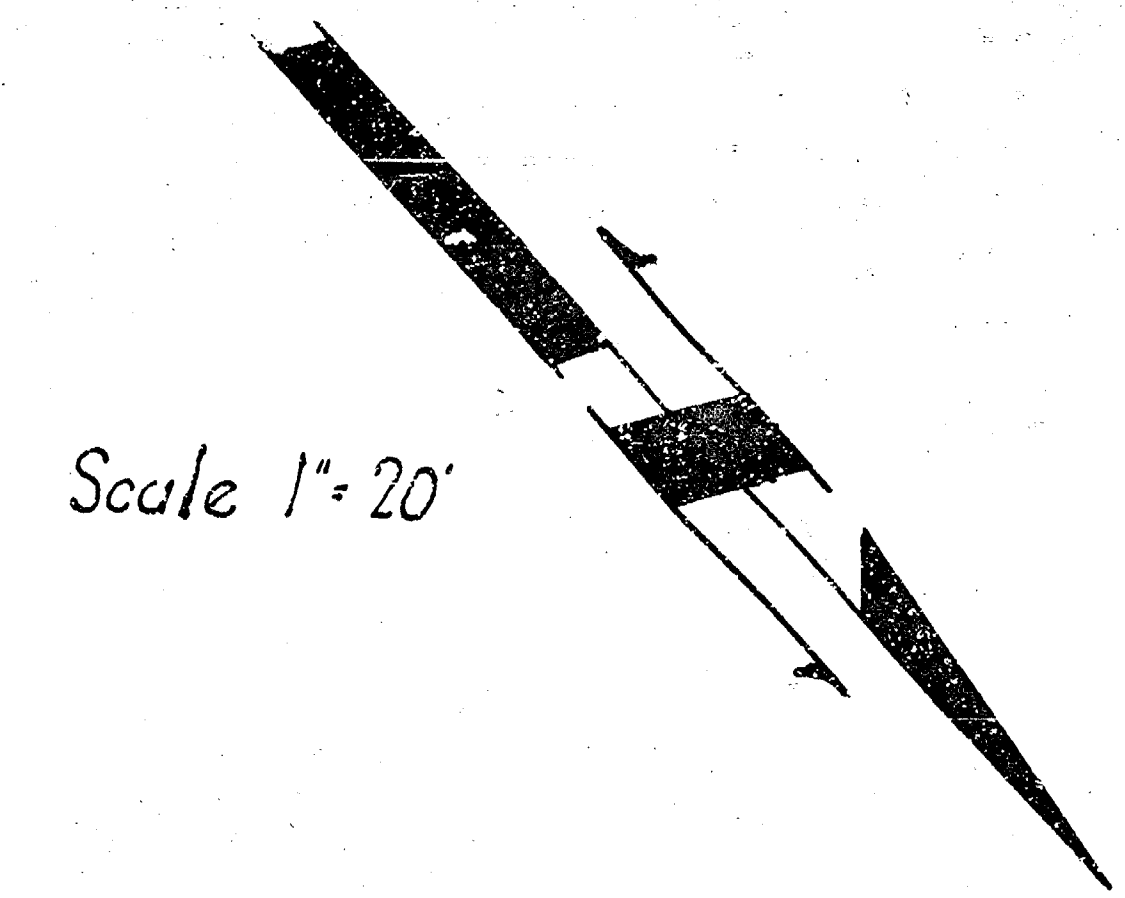
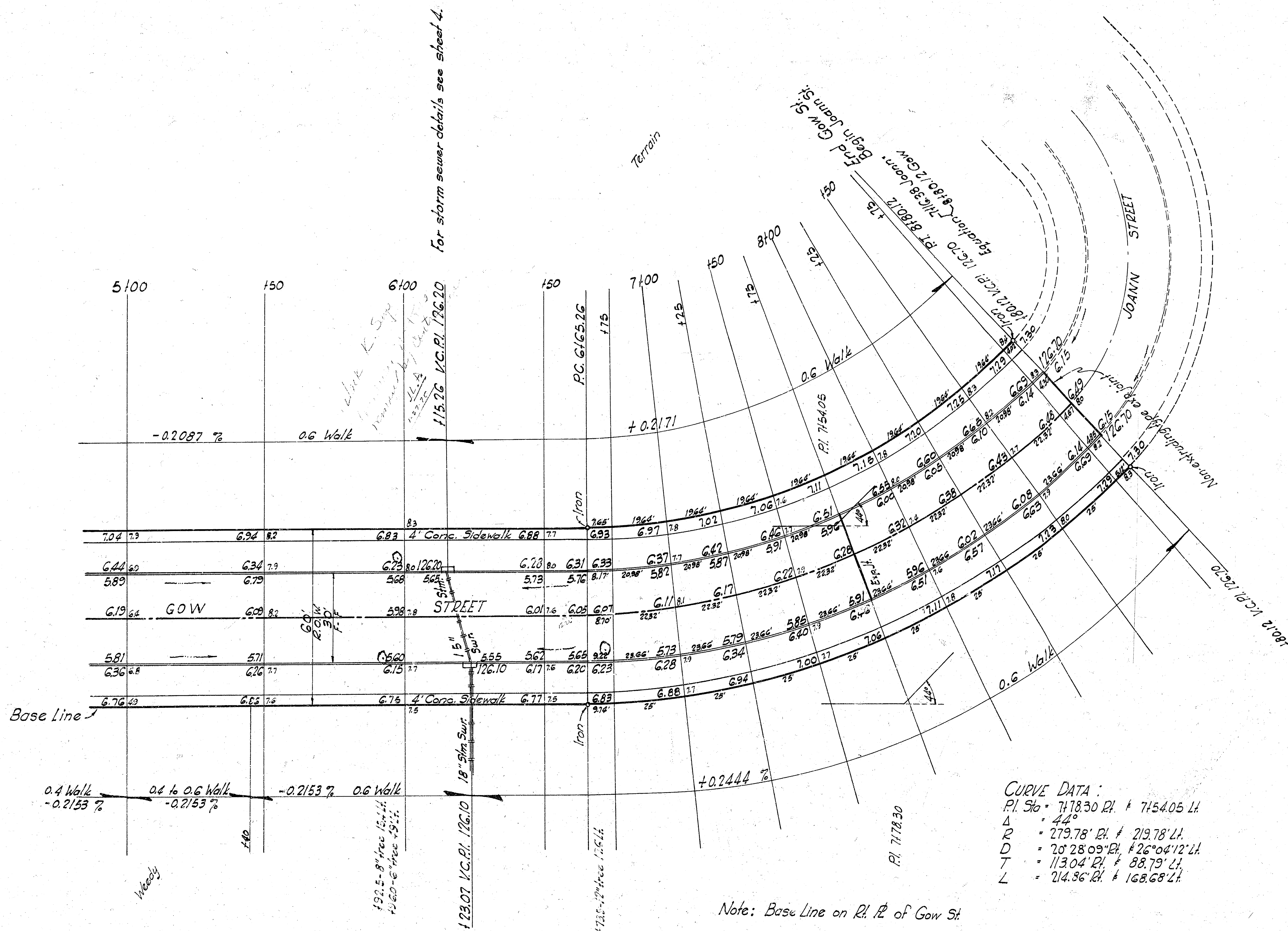


GOW & JOANN STREETS
as platted in Robson's Scenic Heights.

30' Conc. & Curb

B.E. Smith City Engineer
City of Wichita, Kansas

Date: Sept. 1968 Proj. No. C17-90



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

CURVE DATA:
 P.I. Sta. 7+18.30 P.I. 7+54.05 L.H.
 $\Delta = 44^\circ$
 $R = 279.78' P.I. \# 219.78' L.H.$
 $D = 2^\circ 28' 09'' P.I. \# 26^\circ 04' 12'' L.H.$
 $T = 113.04' P.I. \# 88.79' L.H.$
 $L = 214.36' P.I. \# 168.68' L.H.$

CURVE DATA BASED ON P.T. 12 R=279.78' $\Delta = 44^\circ$					
Station	Arc	8' @ 1/4" Chord Length	8' @ 1/4" Chord Length	Deflection	Total Deflection
6+65.26 P.T.	-	-	-	0° 00' 00"	0° 00' 00"
7+00	9.74'	7.83'	9.46'	0° 53' 50"	0° 53' 50"
7+25	25'	20.10'	24.26'	2° 33' 35"	3° 33' 25"
7+50	"	"	"	"	6° 07' 00"
7+75	"	"	"	"	11° 14' 10"
8+00	"	"	"	"	13° 47' 45"
7+25	"	"	"	"	16° 21' 20"
7+50	"	"	"	"	18° 54' 55"
8+15.12 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. Cora. Birch Ho # 1951 Joann St.

Note: Base Line on R.I. 12 of Gow 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."

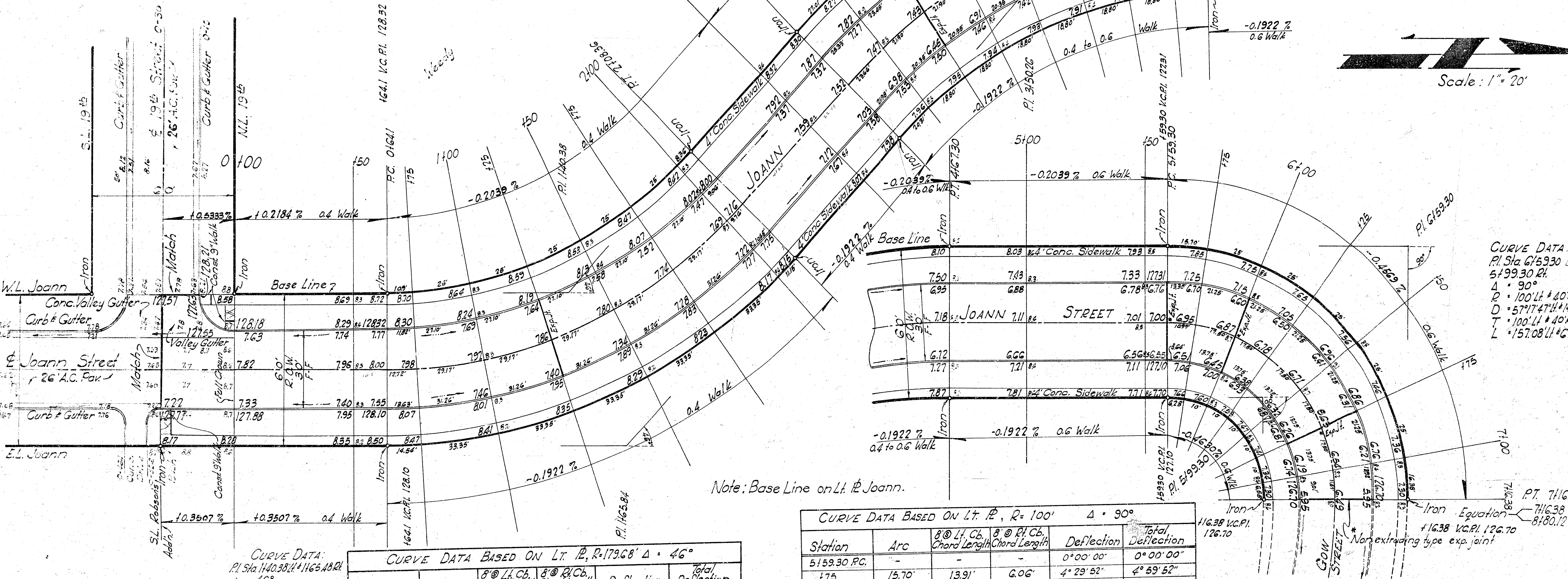
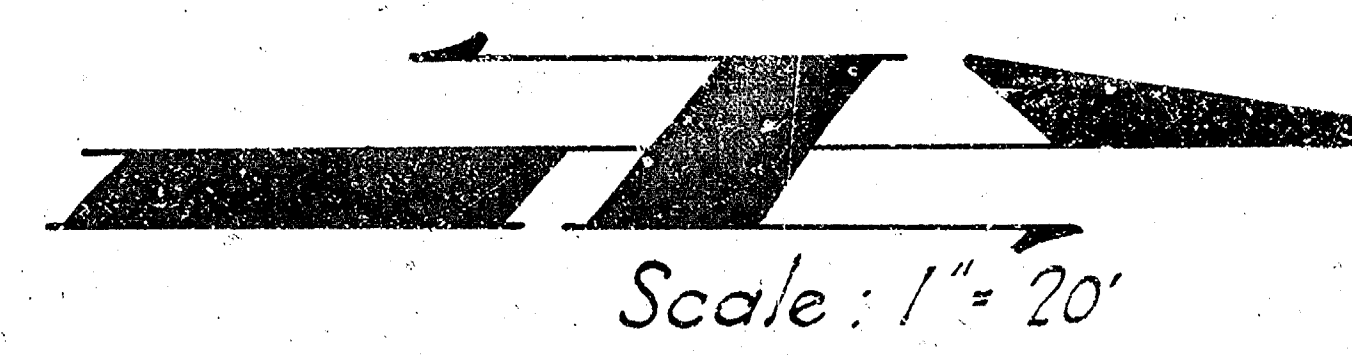
Note: Contractor to clear right of way, grade parking and compact fill where necessary for 4 inch sidewalk which will be constructed by the contractor.

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"
6+00	25'	22.15'	9.66'	7° 09' 43"	11° 39' 35"
125	-	-	-	-	18° 49' 18"
150	-	-	-	-	25° 59' 01"
175	-	-	-	-	33° 08' 44"
7+00	25'	22.15'	9.66'	7° 09' 43"	40° 18' 27"
7+16.98 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.

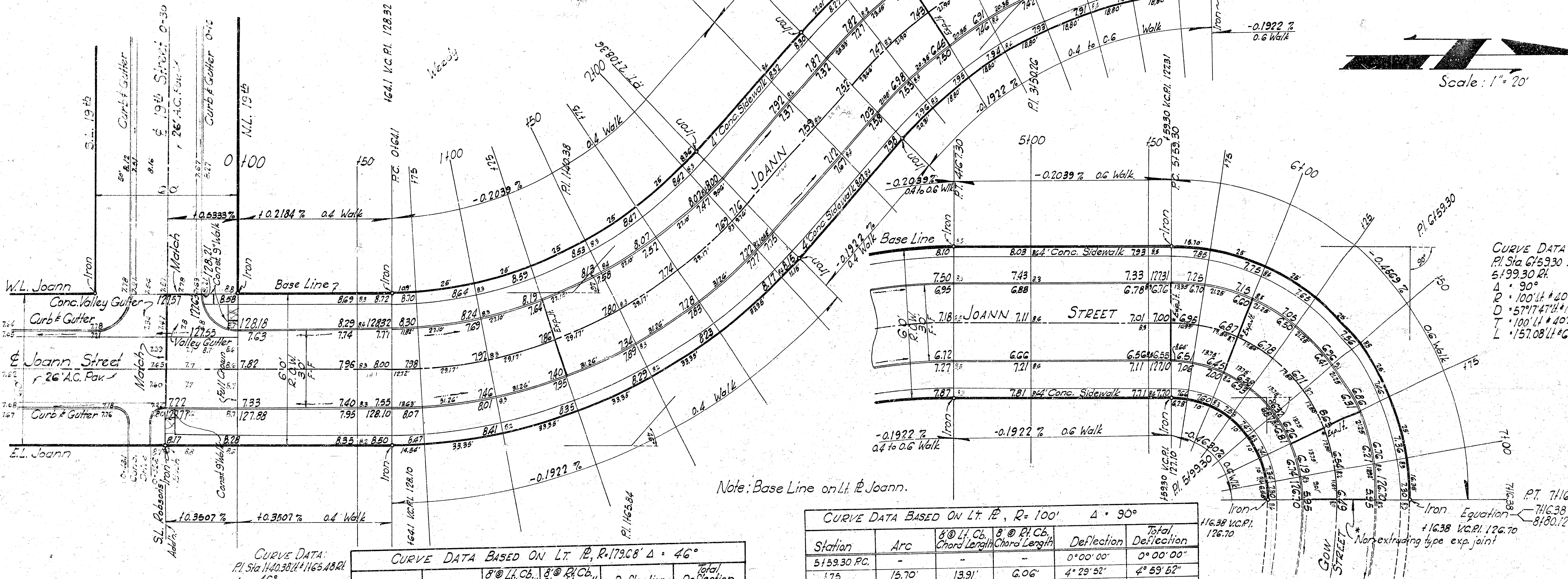
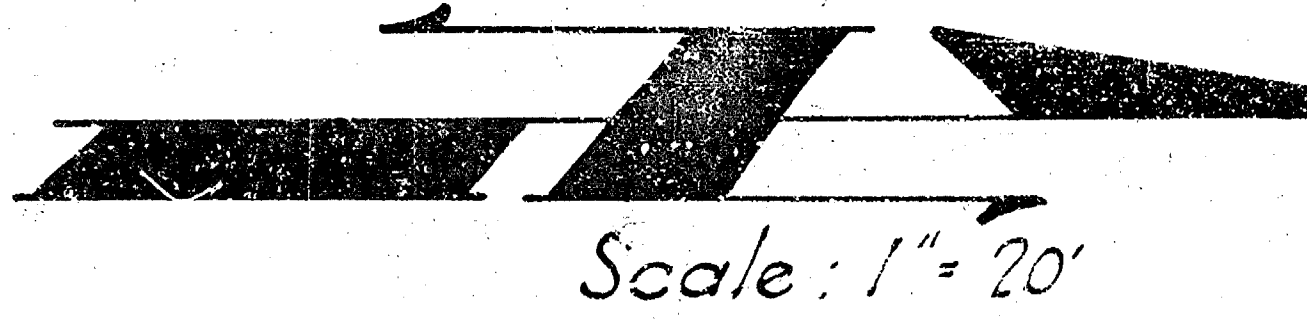
Note: Contractor to clear right of way, grade parking and compact fill where necessary for 4 inch sidewalk which will be constructed by the contractor.

CURVE DATA BASED ON LT. R, R=241.82' Δ = 46°					
Station	Arc	8' @ Lt. Ch. Chord Length	8' @ Rt. Ch. 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. R=3150.26' RH
Δ = 46°
R = 241.82' Lt. R=181.82' PL
D = 23° 40' 22" Lt. R=3150.26' RH
T = 102.73' Lt. R=77.27' PL
L = 194.31' Lt. R=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. R=1165.48' RH
Δ = 46°
R = 179.68' Lt. R=239.69' PL
D = 31° 53' 13" Lt. R=23° 54' 17" PL
T = 76.28' Lt. R=101.74' PL
L = 144.26' Lt. R=192.43' PL

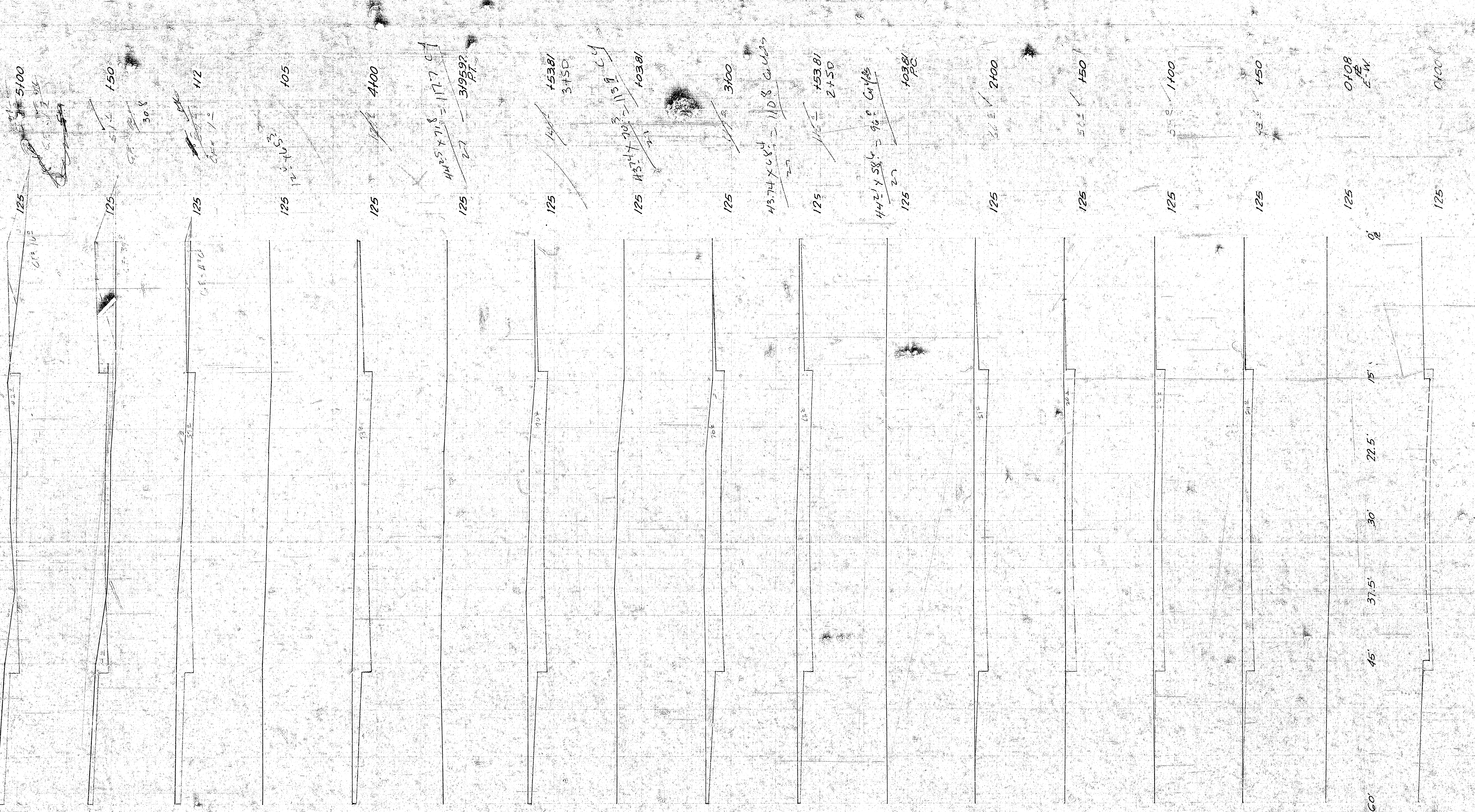
CURVE DATA BASED ON LT. R, R=179.68' Δ = 46°					
Station	Arc	8' @ Lt. Ch. Chord Length	8' @ Rt. Ch. Chord Length	Deflection	Total Deflection
0+641 PC	-	-	-	0° 00' 00"	0° 00' 00"
175	10.9'	11.18'	14.00'	1° 44' 16"	1° 44' 16"
100	25'	25.64'	32.12'	3° 59' 09"	5° 43' 25"
125	"	"	"	3° 59' 10"	9° 42' 35"
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. R, R=100' Δ = 90°					
Station	Arc	8' @ Lt. Ch. Chord Length	8' @ Rt. Ch. 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.

GOW & JOANN STREET
as plotted in Robson's Scenic Hwy
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

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18212
PC

125

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8400

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7400

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10526
PC

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6400

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150

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5400

125

