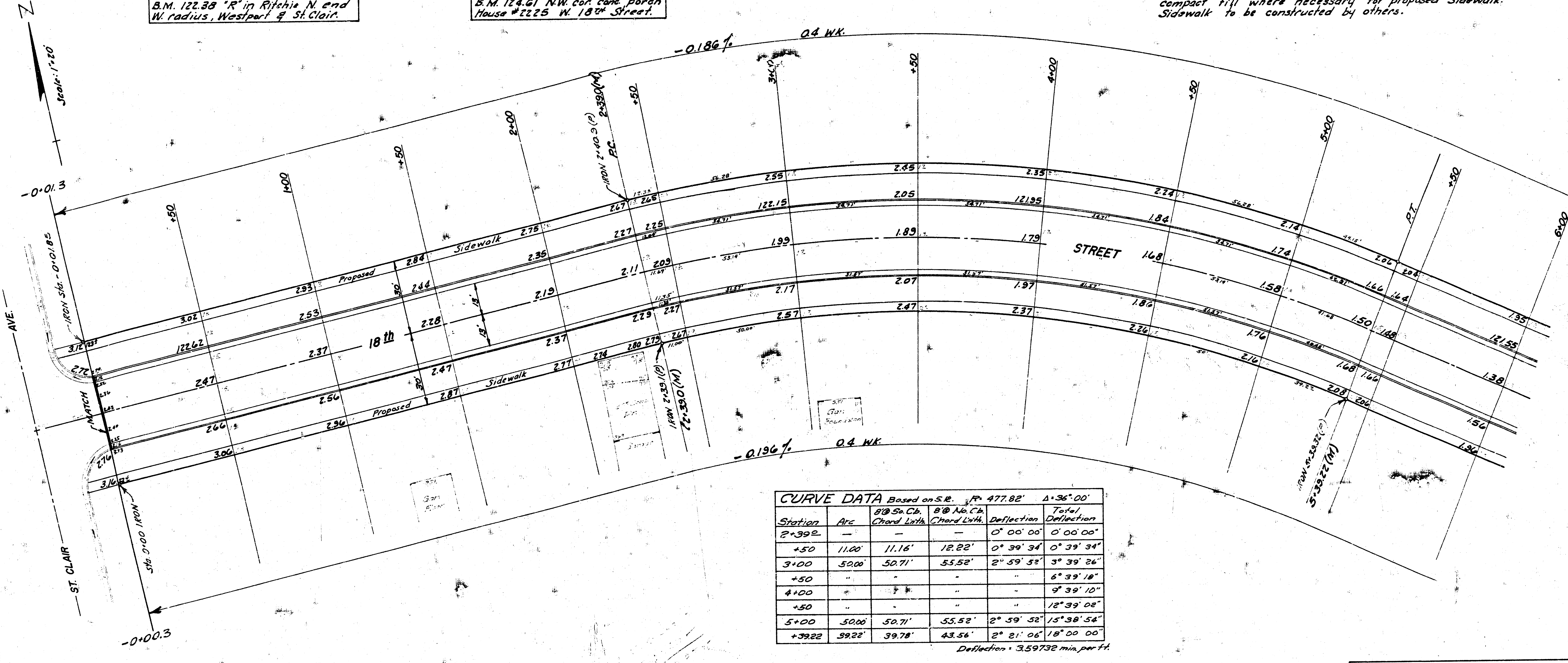
B.M. 122.38 "R" in Ritchie N. end
W. radius, Westport & St. Clair.

B.M. 124.61 N.W. cor. conc. porch
House #2225 W. 18th Street.

NOTE:
Contractor to clear right-of-way, grade parkings and compact fill where necessary for proposed Sidewalk. Sidewalk to be constructed by others.


N
Scale: 1"=20'
-0.186%
0.4 WK.
-0.196%
0.4 WK.
18th
STREET
Proposed Sidewalk
Proposed Sidewalk
ST. CLAIR
AVE.
MATCH
IRON Sta. 0+01.85
Sta 0+00 IRON
-0+01.3
-0+00.3
P.C.
P.T.
+50
1+00
+50
2+00
+50
3+00
+50
4+00
+50
5+00
+50
6+00
122.62
122.15
121.95
121.55

CURVE DATA Based on S.R. R= 477.82' Δ=36°00'

Station	Arc	8'@ So. Cb. Chord Lnth.	8'@ No. Cb. Chord Lnth.	Deflection	Total Deflection
2+39.0	—	—	—	0° 00' 00"	0° 00' 00"
+50	11.00'	11.16'	12.22'	0° 39' 34"	0° 39' 34"
3+00	50.00'	50.71'	55.52'	2° 59' 52"	3° 39' 26"
+50	"	"	"	"	6° 39' 18"
4+00			"	"	9° 39' 10"
+50	"	"	"	"	12° 39' 02"
5+00	50.00'	50.71'	55.52'	2° 59' 52"	15° 38' 54"
+39.22	39.22'	39.78'	43.56'	2° 21' 06"	18° 00' 00"

Deflection = 3.59732 min. per ft.

	EXCAVATION		COMP. FILL	
	1289	Cu. Yds.	238	Cu. Yds.
+10%	129	" "	24	" "
Totals	1418	Cu. Yds.	262	Cu. Yds.

1/4

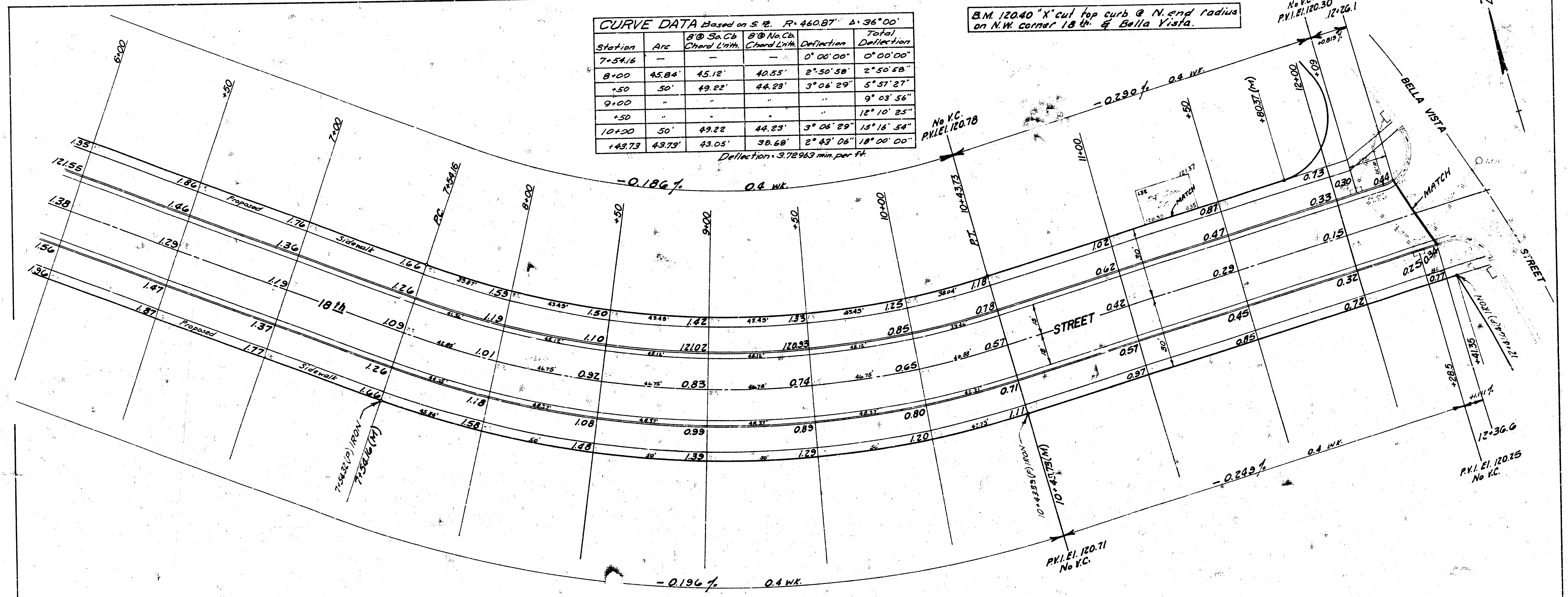
18th STREET
From E.L. ST. CLAIR AVE.
To W.L. BELLA VISTA AVE.
26'-2'-30' A.C.
B.E. SMITH CITY ENGINEER
CITY OF WICHITA, KANSAS
DATE Aug. 1967 C 13-77

CURVE DATA Based on S. ℄. R = 460.87' Δ = 36°00'

Station	Arc	8'@ So.Cb Chord L'nth.	8'@ No.Cb. Chord L'nth.	Deflection	Total Deflection
7+54.16	—	—	—	0° 00' 00"	0° 00' 00"
8+00	45.84'	45.12'	40.55'	2°-50' 58"	2° 50' 58"
+50	50'	49.22'	44.23'	3° 06' 29"	5° 57' 27"
9+00	"	"	"	"	9° 03' 56"
+50	"	"	"	"	12° 10' 25"
10+00	50'	49.22	44.23'	3° 06' 29"	15° 16' 54"
+43.73	43.73'	43.05'	38.68'	2° 43' 06"	18° 00' 00"

Deflection = 3.72963 min. per ft.

B.M. 120.40 "X" cut top curb @ N. end radius on N.W. corner 18th. & Bella Vista.


6+00
+50
7+00
P.C. 7+54.16
8+00
+50
9+00
+50
10+00
P.T. 10+43.73
11+00
+50
12+00
+60
+80.37 (M)
No V.C.
P.V.I. El. 120.78
No V.C.
P.V.I. El. 120.30
12+26.1
+0.819 %
-0.186 %
0.4 wk.
-0.290 %
0.4 wk.
-0.239 %
0.4 wk.
-0.196 %
0.4 wk.
P.V.I. El. 120.71
No V.C.
P.V.I. El. 120.25
No V.C.
12+36.6
N
BELLA VISTA
STREET
MATCH
18th
STREET
Proposed
Sidewalk
Proposed
Sidewalk
121.55
1.35
1.38
1.56
1.36
121.02
120.93
7+54.32 (P) IRON
7+54.16 (M)
30'
30'

18th STREET
C 13-77

②/④