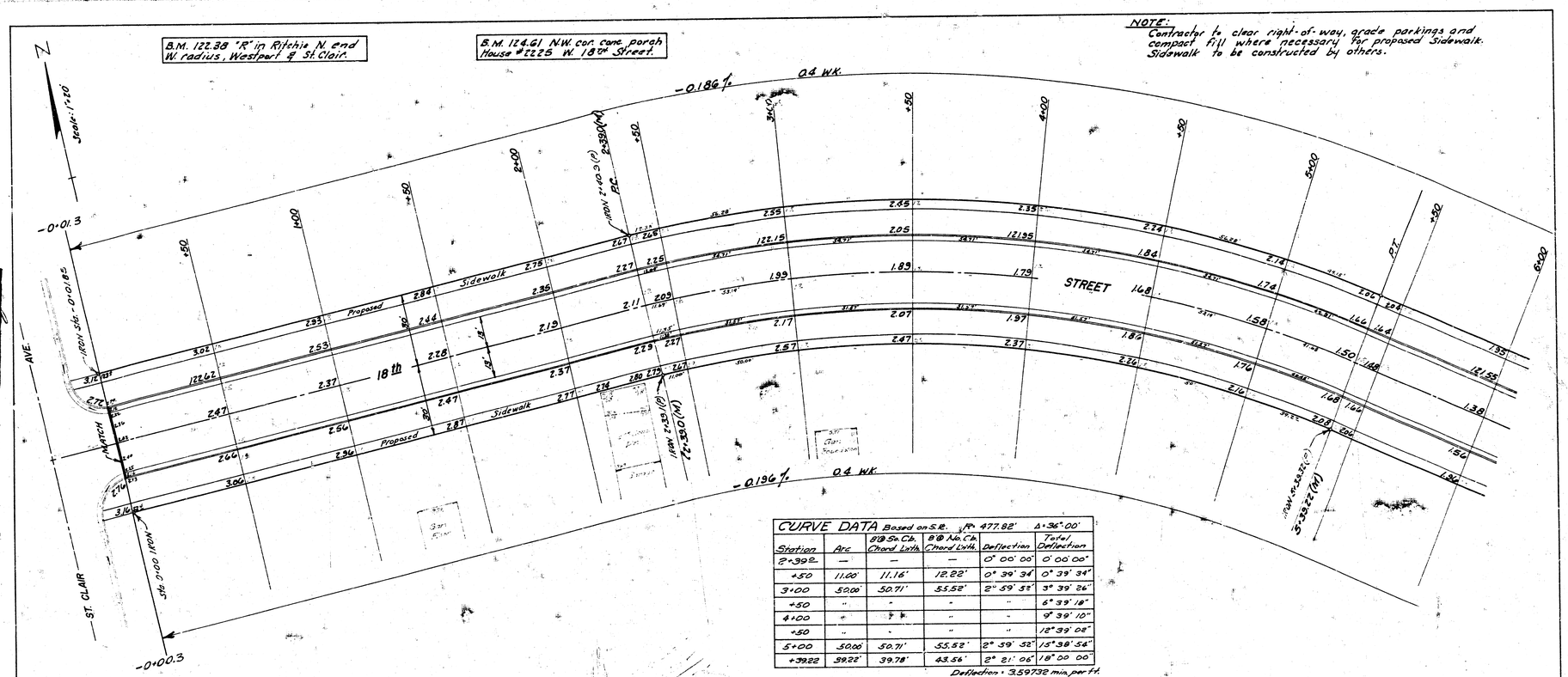
B.M. 122.38 "R" in Ritchie N. end W. radius, Westport & St. Clair.

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.



CURVE DATA Based on S.R.		R= 477.82'		Δ=36°00'	
Station	Arc	@ So. Ch. Chord Lwth.	@ No. Ch. Chord Lwth.	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.	

Bench M.S.L. Elev. 1351
Plan Datum of Elev.
Datum of Topography

JAMES H. ... LICENSED ... 20?

JOHN L. ALLEN 621 REGISTERED ENGINEER

B.E. SMITH 438 REGISTERED ENGINEER

1/4

18th STREET

From E.L. ST. CLAIR AVE.
To W.L. BELLA VISTA AVE.

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

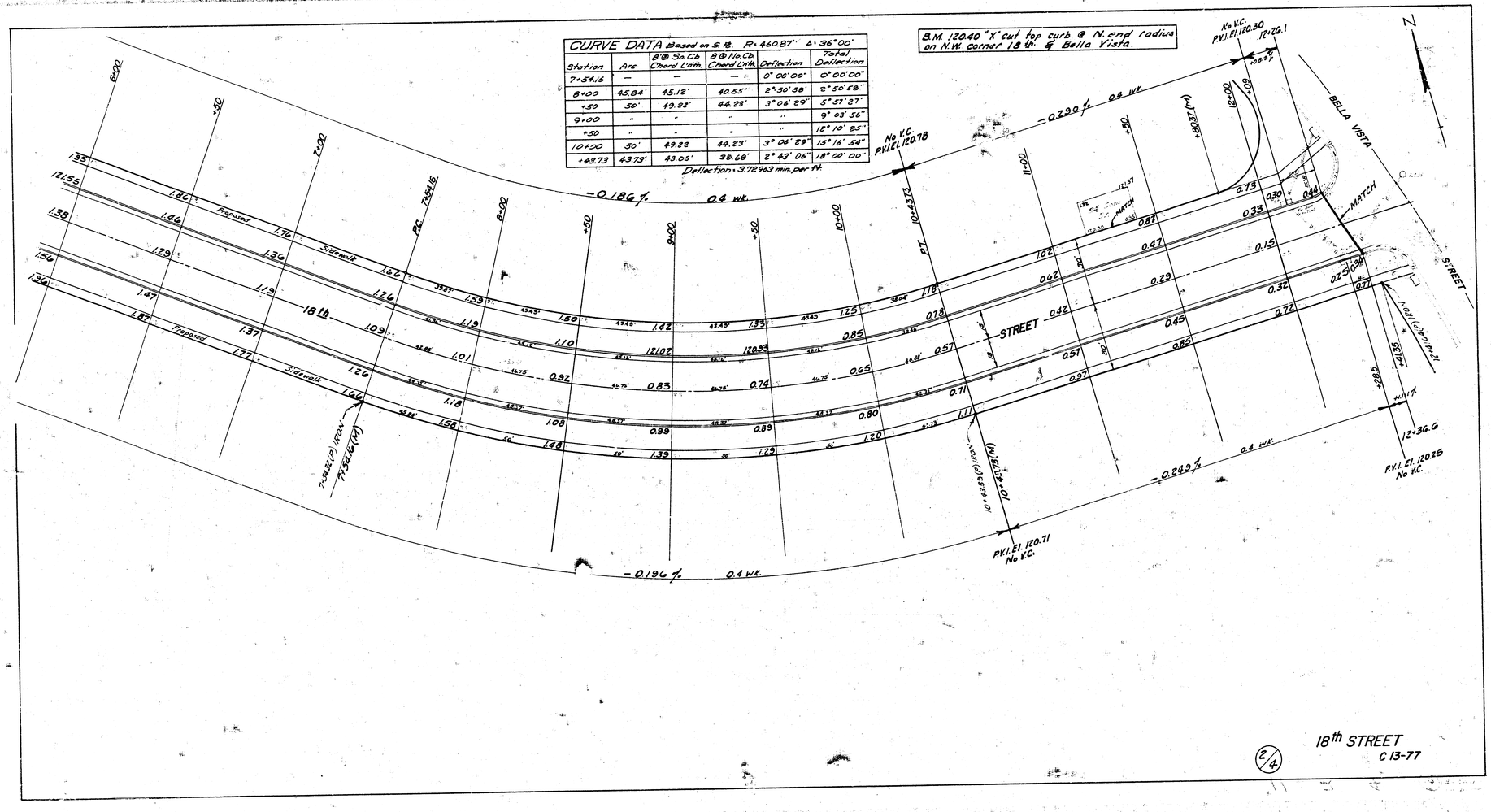
B.E. SMITH CITY ENGINEER
CITY OF WICHITA, KANSAS

DATE Aug. 1967. C 13-77

CURVE DATA Based on S.P. R=460.87' Δ=36°00'					
Station	Arc	8'@ Sa. Cb Chord Lnth.	8'@ No. Cb. Chord Lnth.	Deflection	Total Deflection
7+54.16	—	—	—	0°00'00"	0°00'00"
8+00	45.84'	45.12'	40.55'	8°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+20	50'	49.22	44.23'	3°06'29"	15°16'54"
+49.73	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.



18th STREET
C 13-77