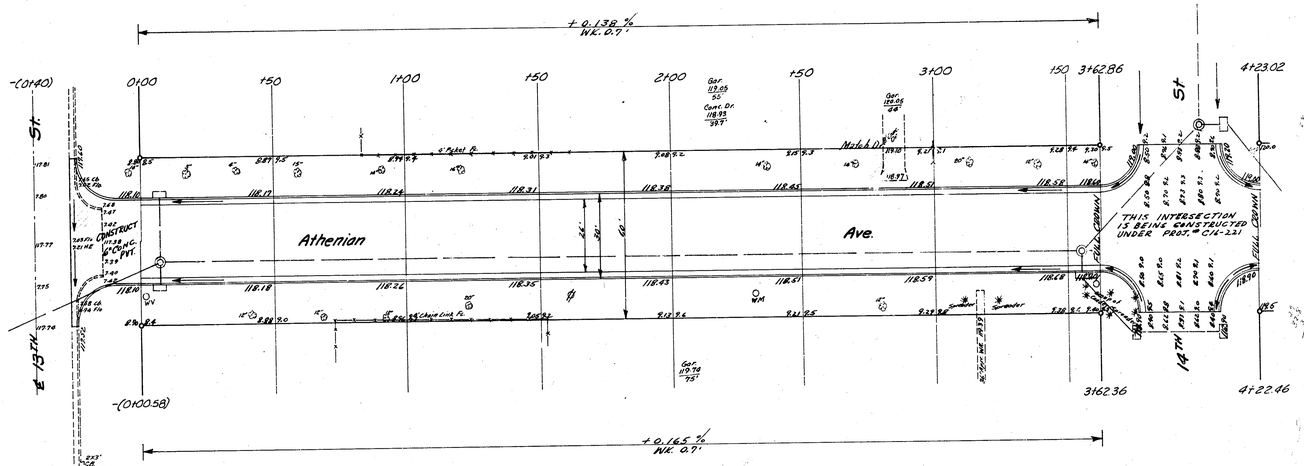
B.M. 121.44 , SW. Cor. 1st. Conc. Step Ho. # 1500 N. Athenian Ave.
120.70 , SE Cor. 1st. Conc. Step S.S. School Ho. @ 15th & St Clair

Base Line - 4' West of face of West Cb.

N



Excavation

Prop.	C.Y.
1354.1	1764.5
+10% 135.9	+10% 176.4
1490.5 C.Y.	1940.9 C.Y.

B. E. SMITH
ENGINEER
836
KANSAS

1/5

ATHENIAN

NL 13th to SL 15th

2-26-30 A.C.

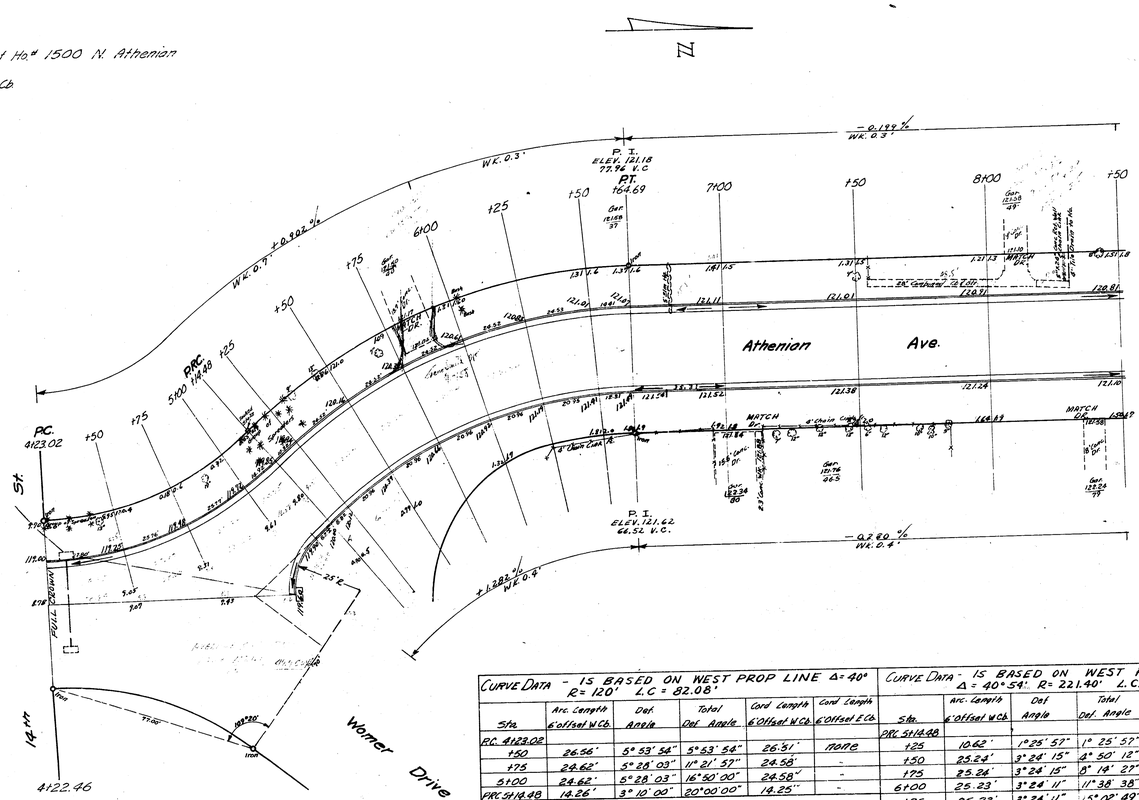
CITY OF WICHITA, KANSAS

B.E. SMITH - CITY ENGINEER

AUG. 1958 PROJ. NO. C16-220

BM - 12144, SW Cor 1st Conc. Step Of Ho.# 1500 N. Athenion

Base Line 4' West of Face of West Cb



CURVE DATA - IS BASED ON WEST PROP LINE Δ= 40° R= 120' L.C = 82.06'

Sta.	Arc. Length 6' offset W.Cb.	Def. Angle	Total Def. Angle	Cord Length 6' Offset W.Cb.	Cord Length 6' Offset E.Cb.
P.C. 4123.02					
+50	26.56'	5° 53' 54"	5° 53' 54"	26.51'	none
+75	24.62'	5° 28' 03"	11° 21' 57"	24.58'	-
5100	24.62'	5° 28' 03"	16° 50' 00"	24.58'	-
P.R.C. 5114.48	14.26'	3° 10' 00"	20° 00' 00"	14.25'	-

CURVE DATA - IS BASED ON WEST PROP LINE Δ = 40° 54' R= 221.40' L.C. = 154.71'

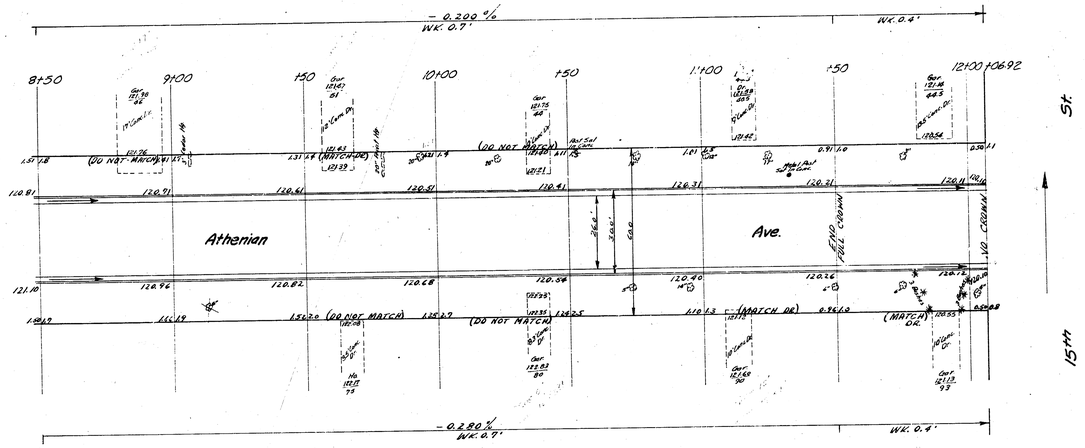
Sta.	Arc. Length 6' offset W.Cb.	Def. Angle	Total Def. Angle	Cord Length 6' offset W.Cb.	Cord Length 6' Offset E.Cb.
P.R.C. 5114.48					
+25	10.62'	1° 25' 57"	1° 25' 57"	10.62'	8.52'
+50	25.24'	3° 24' 15"	4° 50' 12"	25.22'	20.24
+75	25.24'	3° 24' 15"	8° 14' 27"	25.22	20.24
6100	25.23'	3° 24' 11"	11° 38' 38"	25.22	20.23
+25	25.23'	3° 24' 11"	15° 02' 49"	25.22	20.23
+50	25.23'	3° 24' 11"	18° 27' 00"	25.22	20.23
P.T. 6164.69	14.83'	2° 00' 00"	20° 27' 00"	14.83	11.89

Athenion Ave.
C16-220

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B.M. - 120.70, SE Cor 1st Conc. Step S.S. School Ha @ 15th St & St. Clair

Base Line 4' West of face of West Cb.



Athenian Ave.
C16-220

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