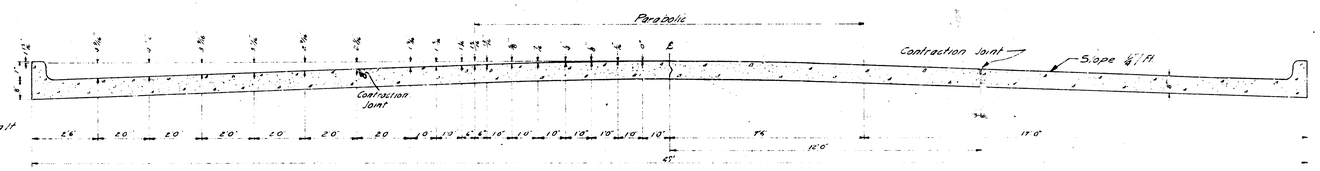
INTERSECTION

13 TH. STREET & MAIN STREET

PROJECT NO. C 11-7



TYPICAL SECTION

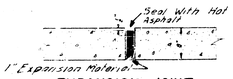
1/2 Scale



CONTRACTION JOINT

No Scale

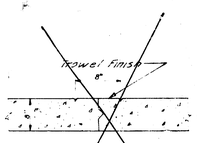
To Be Used At 30' Intervals Except Where An Expansion Joint Is Used



EXPANSION JOINT

No Scale

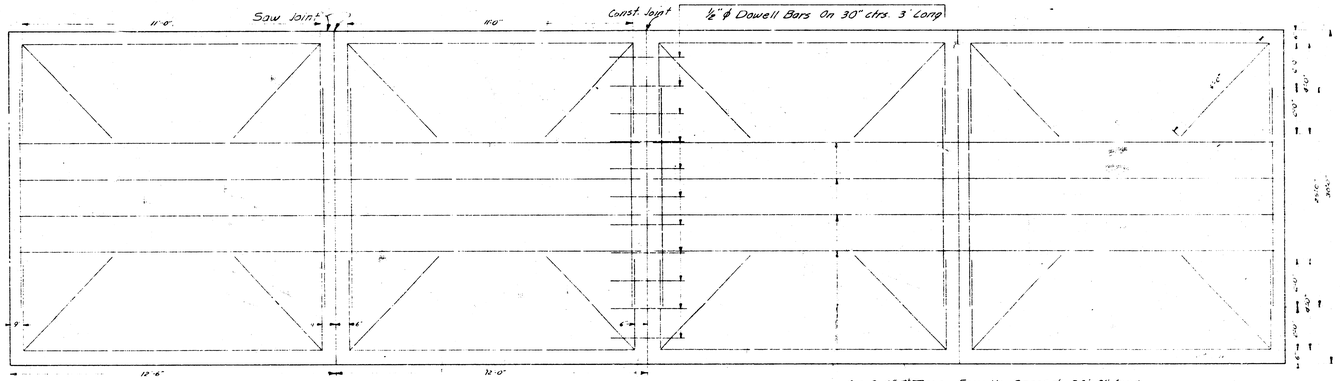
To Be Used At 120' Intervals



℄ MARKER DETAIL

No Scale

Place Full Length of Job



STEEL PATTERN

No Scale

Use ⅜" ϕ Bars Unless Otherwise Specified

4 - 3/4" ϕ Bars, Equally Spaced, 23'-0" Long

ALVIN E. ALLEN LICENSED 821 KANSAS PROFESSIONAL ENGINEER

R. E. SMITH LICENSED 435 KANSAS PROFESSIONAL ENGINEER

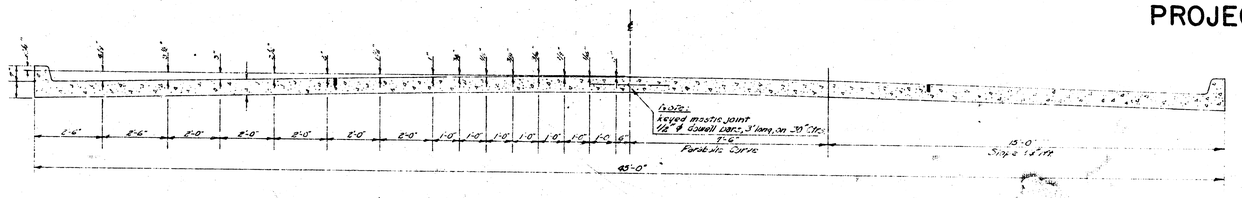
1/8

INTERSECTIONS

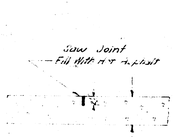
17 TH. STREET & PARK PLACE

21 ST. STREET & PARK PLACE

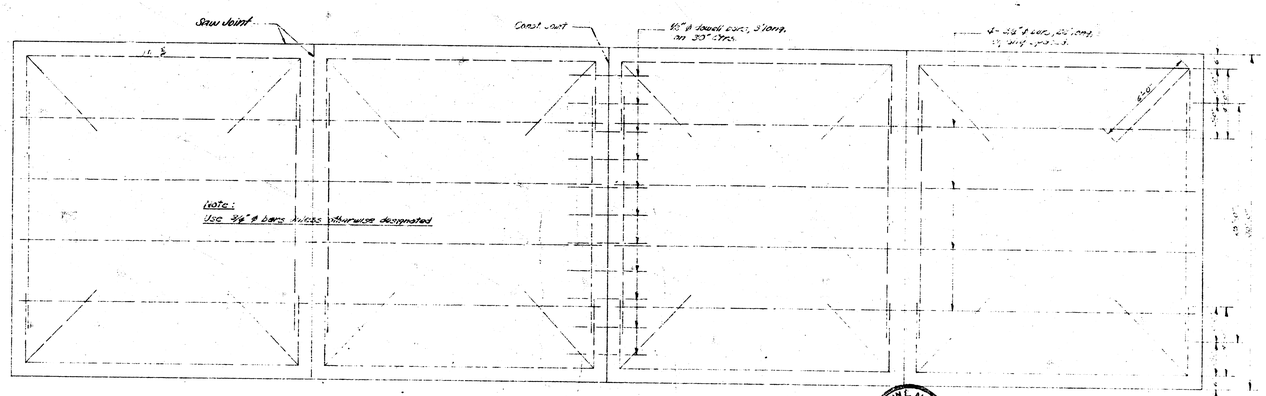
PROJECT NO. C11-7



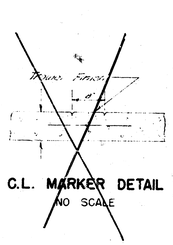
TYPICAL SECTION
NO SCALE



TRANSVERSE & LONGITUDINAL JOINT DETAIL
NO SCALE



STEEL PATTERN
NO SCALE



C.L. MARKER DETAIL
NO SCALE

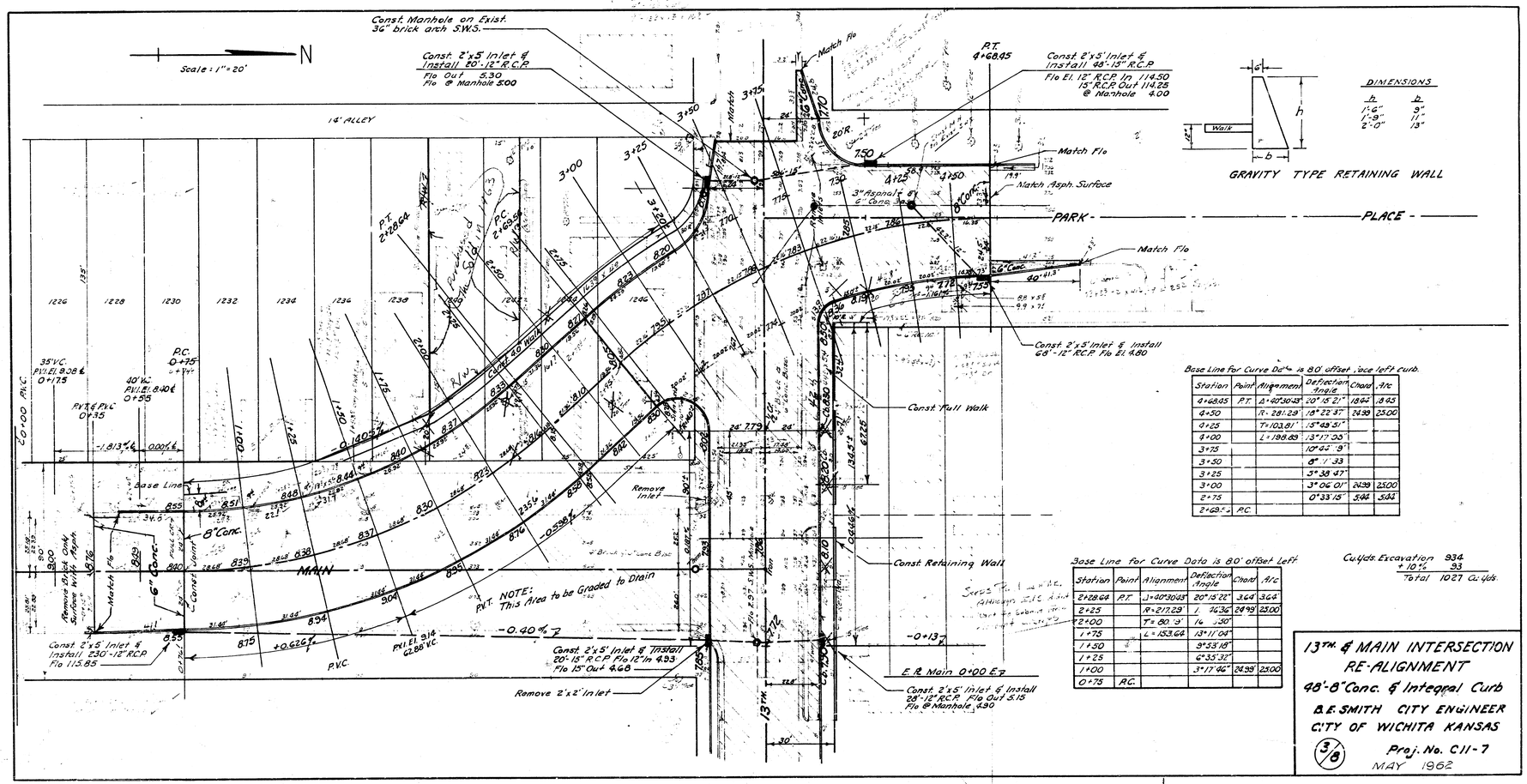
NOTE -

WHERE CURBS IN THE SAME SECTION ARE AT DIFFERENT ELEVATIONS USE ELEVATION SHOWN ON PLAN FOR CONSTRUCTION JOINT.

JOHN L. ALLEN LICENSED 921 KANSAS PROFESSIONAL ENGINEER

R. E. SMITH LICENSED 435 KANSAS PROFESSIONAL ENGINEER

2/8



Base Line for Curve Data is 80' offset face left curb.

Station	Point	Alignement	Deflection Angle	Chord	Arc
4+68.95	P.T.	Δ = 40°30'45"	20° 15' 21"	1866	1893
4+50		R = 281.29'	18° 22' 37"	2439	2500
4+25		T = 103.81'	15° 48' 51"		
4+00		L = 198.89'	13° 17' 05"		
3+75			10° 43' 19"		
3+50			8° 11' 33"		
3+25			5° 38' 47"		
3+00			3° 06' 01"	2439	2500
2+75			0° 33' 15"	544	583
2+69.4	P.C.				

Base Line for Curve Data is 80' offset Left

Station	Point	Alignment	Deflection Angle	Chord	Arc
2+28.64	P.T.	Δ = 40°30'45"	20° 15' 22"	364	364
2+25		R = 217.29'	17° 36' 36"	2499	2500
2+00		T = 80.3'	14° 57' 50"		
1+75		L = 153.64'	13° 11' 04"		
1+50			9° 53' 19"		
1+25			6° 35' 32"		
1+00			3° 17' 46"	2499	2500
0+75	P.C.				

Cu/yds. Excavation 934
+ 10% 93
Total 1027 Cu. yds.

13TH & MAIN INTERSECTION RE-ALIGNMENT

48'-8" Conc. & Integral Curb

B.E. SMITH CITY ENGINEER

CITY OF WICHITA KANSAS

3/8

Proj. No. C11-7

MAY 1962

N

0+00

0+50

1+00

1+180±

-0+137

+0.191%

0+20.16 N 10W 0.5 N.

Coast Rail Walk

Approach Wk & Steps

Steps to Manor

Door to Bldg.

-0715

R.R

PACIFIC

100'

Remove Inlet

24"x24" Conc. R.R. Sign Base

IRON 2+98.56

Head Plank

MATCH

13 EM. 8.17 (8.20)

8" Conc.

2229'

7.75 8.03 7.85 7.80 7.99 8.35 8.50 8.52 8.55

40'

-0.187%

+1.240%

+0.147%

MAIN

-0+13 P.V.C.

0+13 P.V.I. & P.V.C

P.V.I. El. 8.45 74' V.C.

0+87 P.V.T.

0+00 E.P. Main P.V.I. El. 7.83 26' V.C.

MISSOURI

MARKET

4/8

B.M. 1271.5 R/R spk. S. side 24" Tree N.W. Cor. Park Place So. & 17th

B.M. 1253.93 Step N. side 14" Tree S.W. Cor. Park Place N. & 17th

0+00 N.L. 16th St.

Pvt. El. 9.90 Grate K.C.

P.C. 3+13.86

+0.992%

+0.692%

+0.290%

Pvt. El. 6.20 Flo. Grate K.C.

PARK PLACE

3" Asph. on 6" Conc. Base.

+0.413%

NOTE: Street Island to be Graded to Drain.

5+03.09 P.R.C.

-0.35%

-0.206%

8" Conc.

Match Asph. Surface

Cleo L. Walker

J. Field

Hershbaugh

HERSHEY'S ADD'N

Phyllis Breese

Lorna P. Beckett

NOTE: Clean up all brush & grade area to drain

Cu. Yds. Excavation 866.4.
+10% 86.6
Total 953.0 Cu. Yds.

Base Line for Curve Data is 80' offset, Face Rt. Curb

Station	Point	Alignment	Deflection Angle	Chord	Arc
5+03.09	P.T.	Δ = 49°17'	24°38'30"	3.09'	3.09'
5+00		R = 280.00'	24°18'21"	24.99'	25'
4+75		T = 100.32'	20°53'01"		
4+50		L = 183.23'	17°43'41"		
4+25			14°28'22"		
4+00			11°13'01"		
3+75			7°57'43"		
3+50			4°42'23"	24.99'	25'
3+25			1°27'04"	11.14'	11.14'
3+13.86	P.C.				

Scale: 1"=20'

WELLINGTON PLACE

Base Line for Curve Data is 80' offset, Face Rt. Curb

Station	Point	Alignment	Deflection Angle	Chord	Arc
7+43.93	P.T.	Δ = 49°17'	24°38'30"	18.93'	18.93'
7+25		R = 280.00'	22°42'17"	24.99	25'
7+00		T = 128.44'	20°09'46"		
6+75		L = 240.88'	17°35'18"		
6+50			15°01'50"		
6+25			12°28'22"		
6+00			9°54'54"		
5+75			7°21'26"		
5+50			4°47'58"	24.99	25'
5+25			2°14'30"	21.91	21.91'
5+03.09	P.R.C.				

ALLEY

CLAPP'S REPLAT

Neil T. Holmes

#102 W. 17th

FAIRVIEW ADD'N

Casper & Titus

Isabelle & Carney

Mellitta Powell

110 Hill

Const. Manhole

MATCH

PARK PLACE

Conc.

NOTE: Field Engineer is to set Flo grades for Inlets & 12" R.C.P.

7+43.93 P.T.

Remove Inlet & Plug Pipe with Conc.

17TH & PARK PLACE INTERSECTION RE-ALIGNMENT

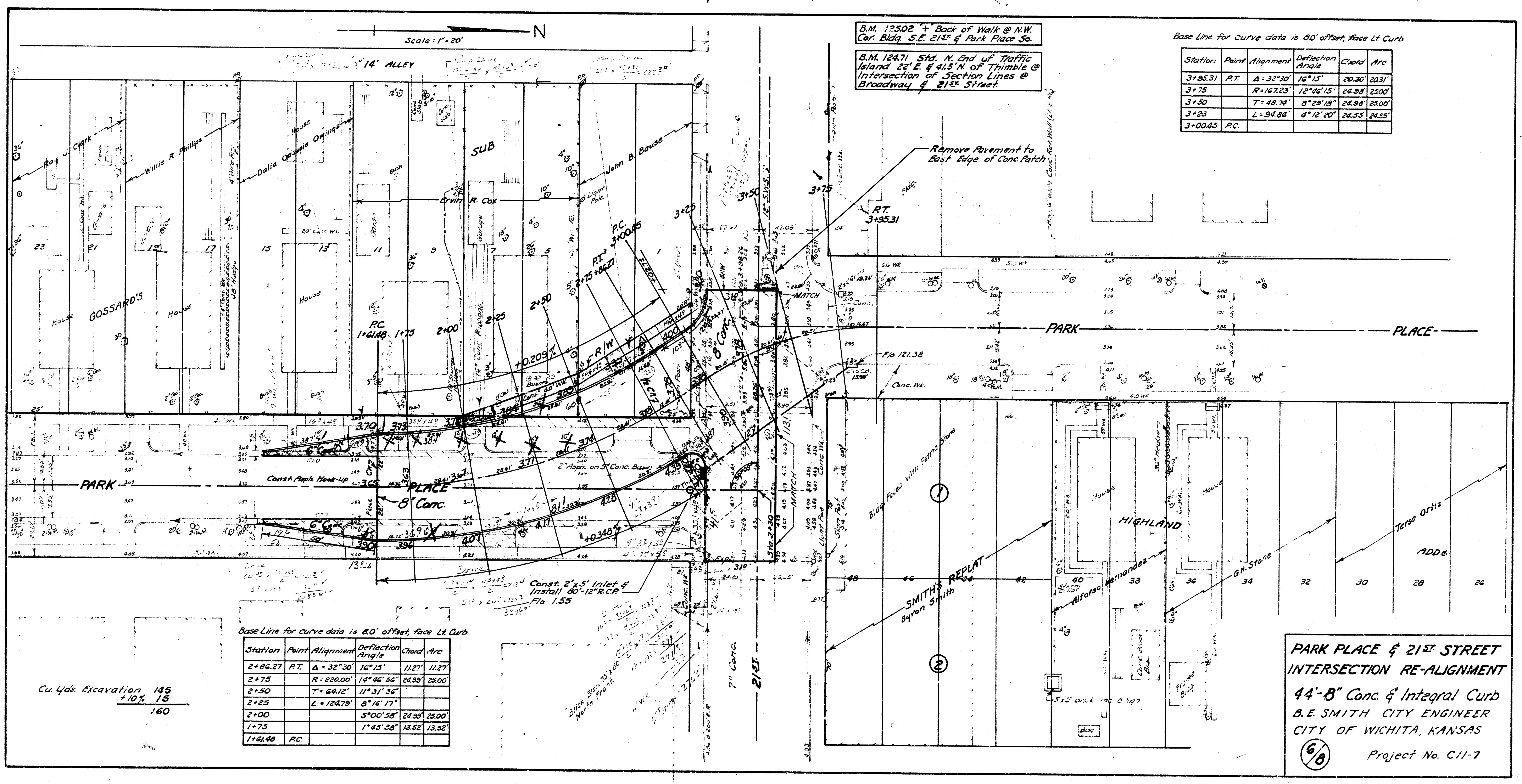
44'-8" Conc. & Integral Curb

B.E. SMITH CITY ENGINEER

CITY OF WICHITA KANSAS

Project No. C.11-7

5/8



Base Line for curve data is 8.0' offset, face Lt. Curb

Station	Point	Alignment	Deflection Angle	Chord	Arc
2+86.27	P.T.	Δ = 32°30'	16°15'	11.27'	11.27'
2+75		R = 220.00'	14°46'56"	24.99'	25.00'
2+50		T = 64.12'	11°31'36"		
2+25		L = 124.79'	8°16'17"		
2+00			5°00'58"	24.99'	25.00'
1+75			1°45'38"	13.52'	13.52'
1+61.48	P.C.				

Cu. Yds. Excavation 145
+10% 15
160

Base Line for curve data is 8.0' offset, face Lt. Curb

Station	Point	Alignment	Deflection Angle	Chord	Arc
3+95.31	P.T.	Δ = 32°30'	16°15'	20.30'	20.31'
3+75		R = 167.23'	12°46'15"	24.98'	25.00'
3+50		T = 48.74'	8°29'18"	24.98'	25.00'
3+23		L = 94.86'	4°12'20"	24.53'	24.55'
3+00.45	P.C.				

PARK PLACE & 21st STREET
INTERSECTION RE-ALIGNMENT

44'-8" Conc. & Integral Curb

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

6/8 Project No. C11-7