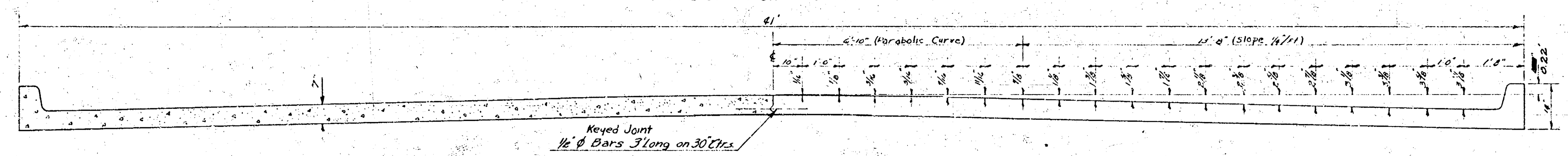
GREENWAY BLVD.

NL SKINNER TO SL HARRY

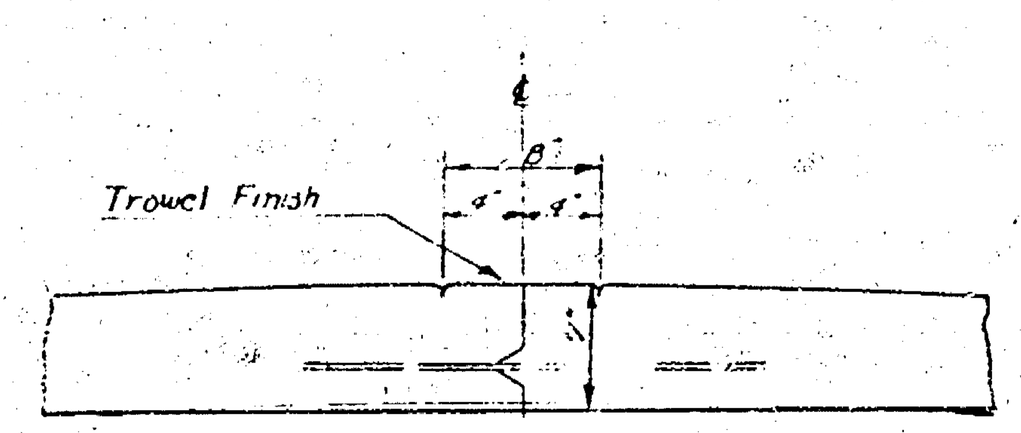
40'- 7" CONC. & CB.

PROJ. NO. C16-110



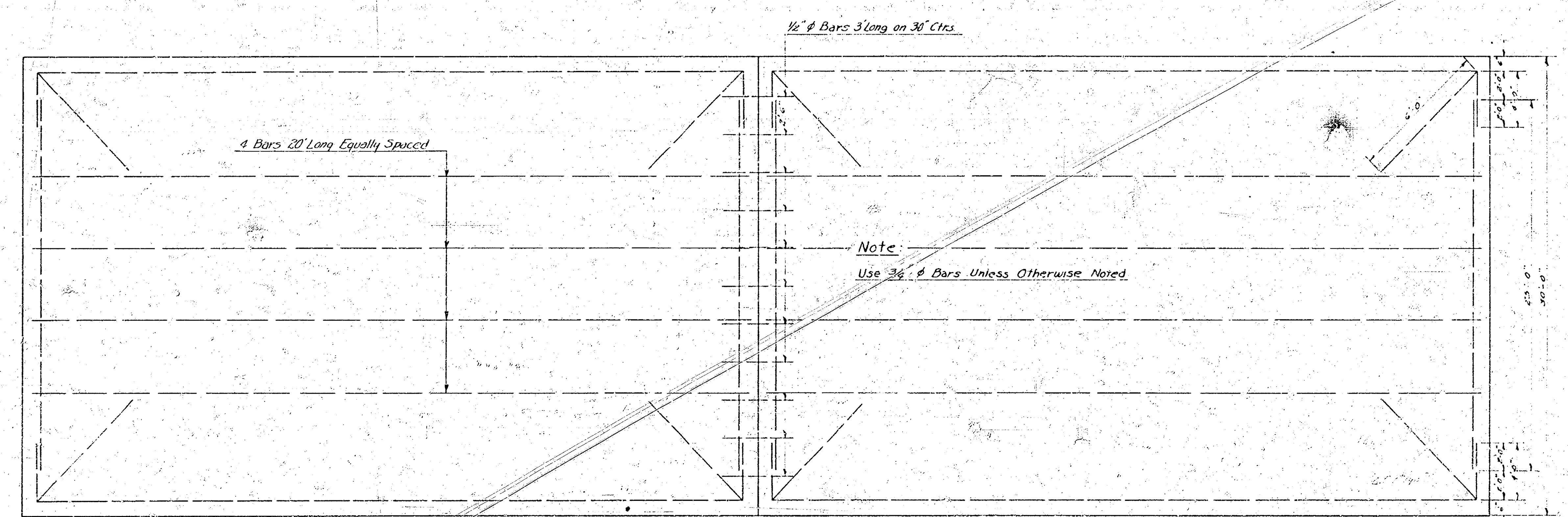
TYPICAL SECTION

NO SCALE



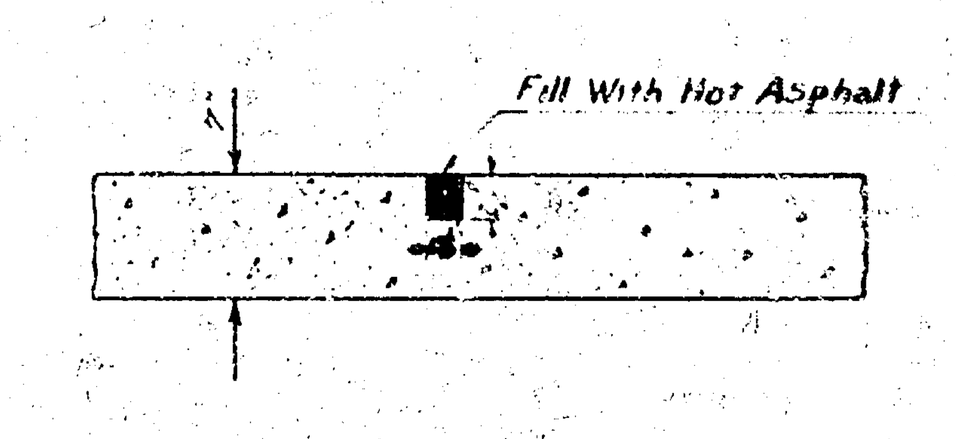
DETAIL OF KEYED JOINT

NO SCALE



STEEL PATTERN

NO SCALE



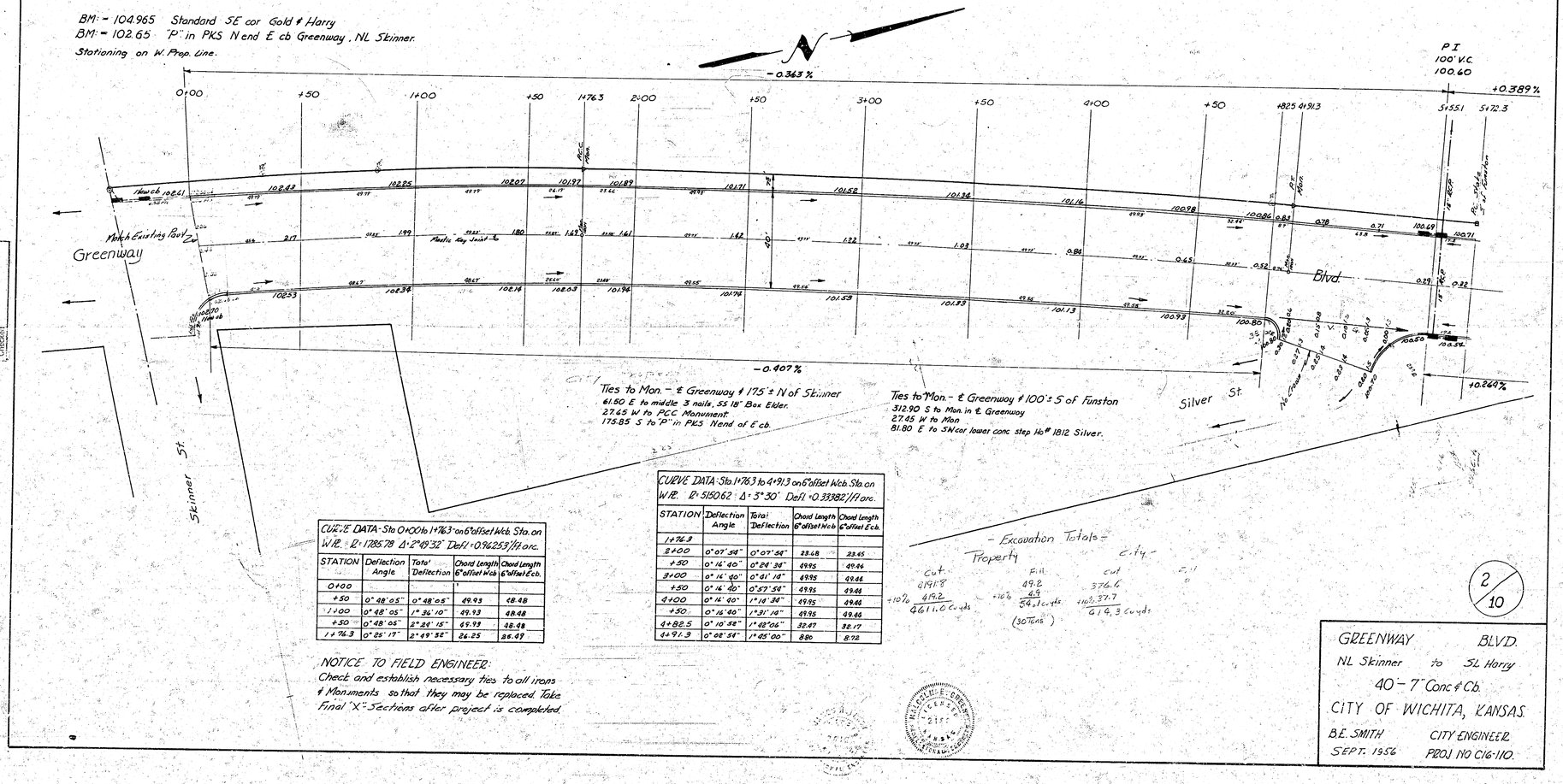
DETAIL OF CONTRACTION JOINT

NO SCALE

1/10

B. E. SMITH LICENSED 436 KANSAS PROFESSIONAL ENGINEER

BM:- 104.965 Standard SE cor Gold & Harry
BM:- 102.65 "P" in PKS N end E cb Greenway, NL Skinner.
Stationing on W. Prop. Line.



Surveyed C.H. Mills Bl. corps
Lvl'd Greene
Checked

CURVE DATA - Sta 0+00 to 1+76.3 on 6" offset Wcb. Sta. on W.R.: R= 1785.78 Δ= 2°49'32" Defl = 0°46'25.3"/ft arc.

STATION	Deflection Angle	Total Deflection	Chord Length 6" offset Wcb	Chord Length 6" offset Ecb.
0+00				
+50	0° 48' 05"	0° 48' 05"	49.98	49.98
1+00	0° 48' 05"	1° 36' 10"	49.98	49.98
+50	0° 48' 05"	2° 24' 15"	49.98	49.98
1+76.3	0° 25' 17"	2° 49' 32"	26.25	26.29

CURVE DATA - Sta 1+76.3 to 4+91.3 on 6" offset Wcb. Sta. on W.R.: R= 5150.62 : Δ= 5° 30' Defl = 0.33382°/ft arc.

STATION	Deflection Angle	Total Deflection	Chord Length 6" offset Wcb	Chord Length 6" offset Ecb.
1+76.3				
2+00	0° 07' 54"	0° 07' 54"	23.68	23.65
+50	0° 14' 40"	0° 22' 34"	49.95	49.94
3+00	0° 14' 40"	0° 37' 14"	49.95	49.94
+50	0° 14' 40"	0° 51' 54"	49.95	49.94
4+00	0° 14' 40"	1° 06' 34"	49.95	49.94
+50	0° 14' 40"	1° 21' 14"	49.95	49.94
4+82.5	0° 10' 58"	1° 32' 12"	32.47	32.47
4+91.3	0° 02' 54"	1° 35' 06"	8.80	8.78

NOTICE TO FIELD ENGINEER:
Check and establish necessary ties to all irons & Monuments so that they may be replaced. Take Final "X" Sections after project is completed.

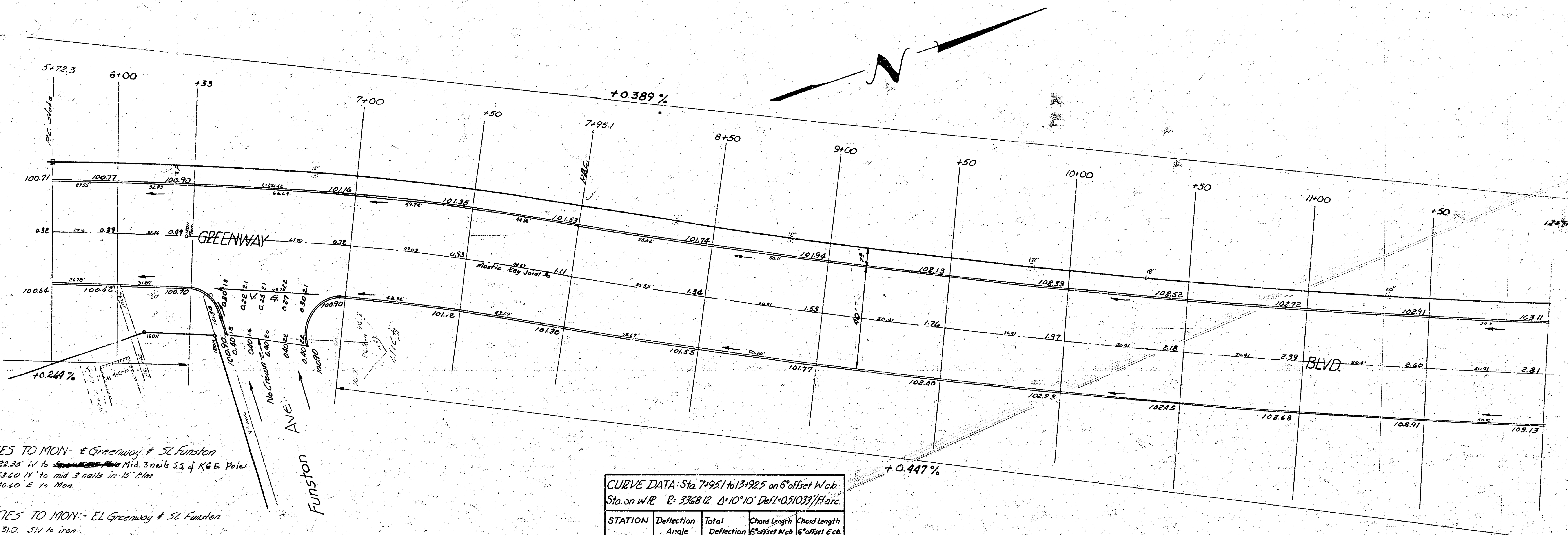
- Excavation Totals -

	Cut	Fill	Cut
Property	2191.8	49.2	376.6
	+10% 219.2	+10% 4.9	+10% 37.7
	2411.0 cu yds	54.1 cu yds (30 Tons)	414.3 cu yds

City

2/10

GREENWAY BLVD.
NL Skinner to SL Harry
40 - 7" Conc ℄ Cb.
CITY OF WICHITA, KANSAS.
B.E. SMITH CITY ENGINEER.
SEPT. 1956 PROJ. NO C16-110.



TIES TO MON- ℄ Greenway & SL Funston
22.35 W to Mid. 3 nails S.S. of K&E Pole
63.60 N to mid 3 nails in 15" Elm
40.60 E to Mon.

TIES TO MON:- EL Greenway & SL Funston
31.0 SW to iron
40.60 W to Mon.
0.50 N to S edge wk.

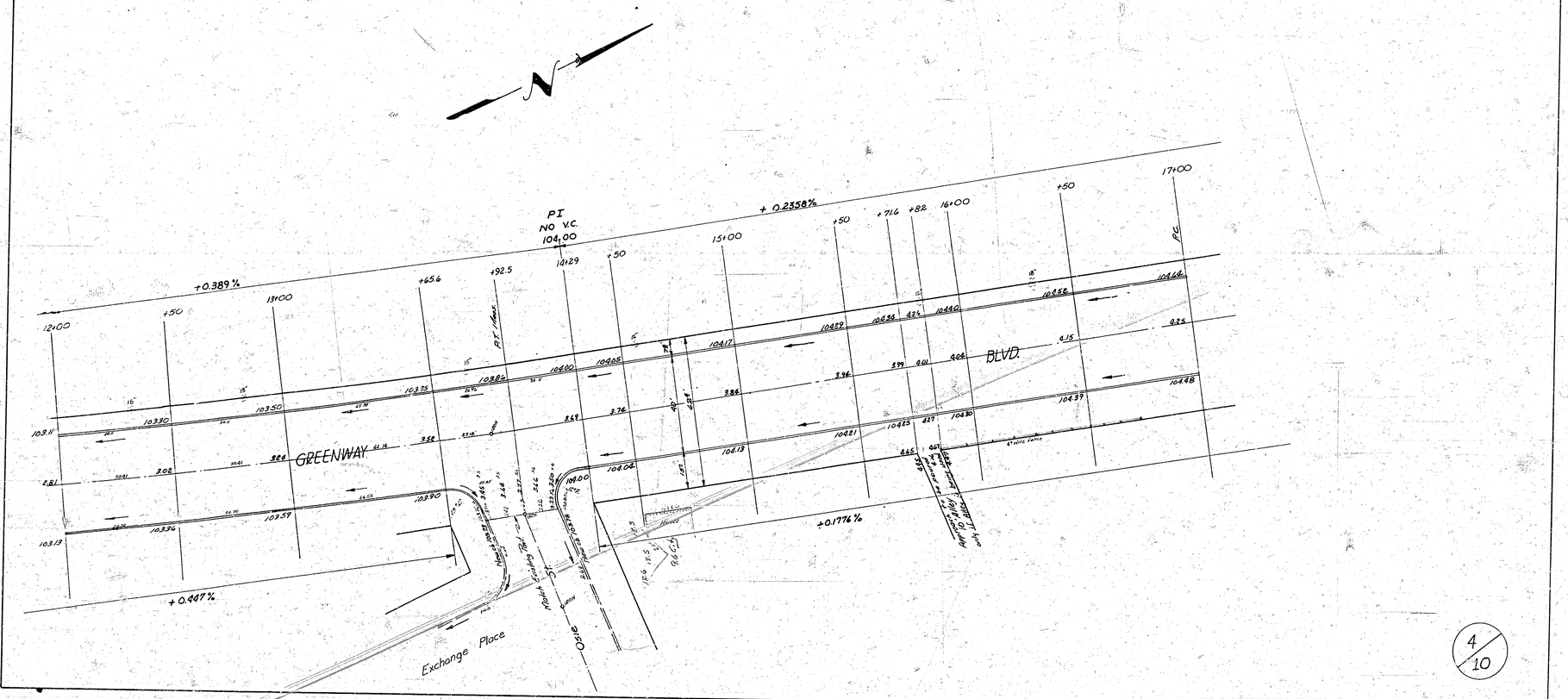
CURVE DATA: Sta. 5+72.3 to 7+95.1 on 6" offset Wcb.
Sta. on W.P. R=1415.27 Δ=9°00' Defl.=1.2145'/ft arc.

STATION	Deflection Angle	Total Deflection	Chord Length 6" offset Wcb	Chord Length 6" offset Ecb.
5+72.3				
6+00	0°33'36"	0°33'36"	27.65	26.64
+33	0°40'03"	1°13'39"	32.97	31.76
7+00	1°21'17"	2°34'56"	66.91	64.45
+50	1°00'40"	3°35'36"	49.93	48.09
7+95.1	0°54'44"	4°30'20"	45.04	43.40

CURVE DATA: Sta. 7+95.1 to 13+92.5 on 6" offset W.cb.
Sta. on W.P. R=3368.12 Δ=10°10' Defl.=0.51033'/ft arc.

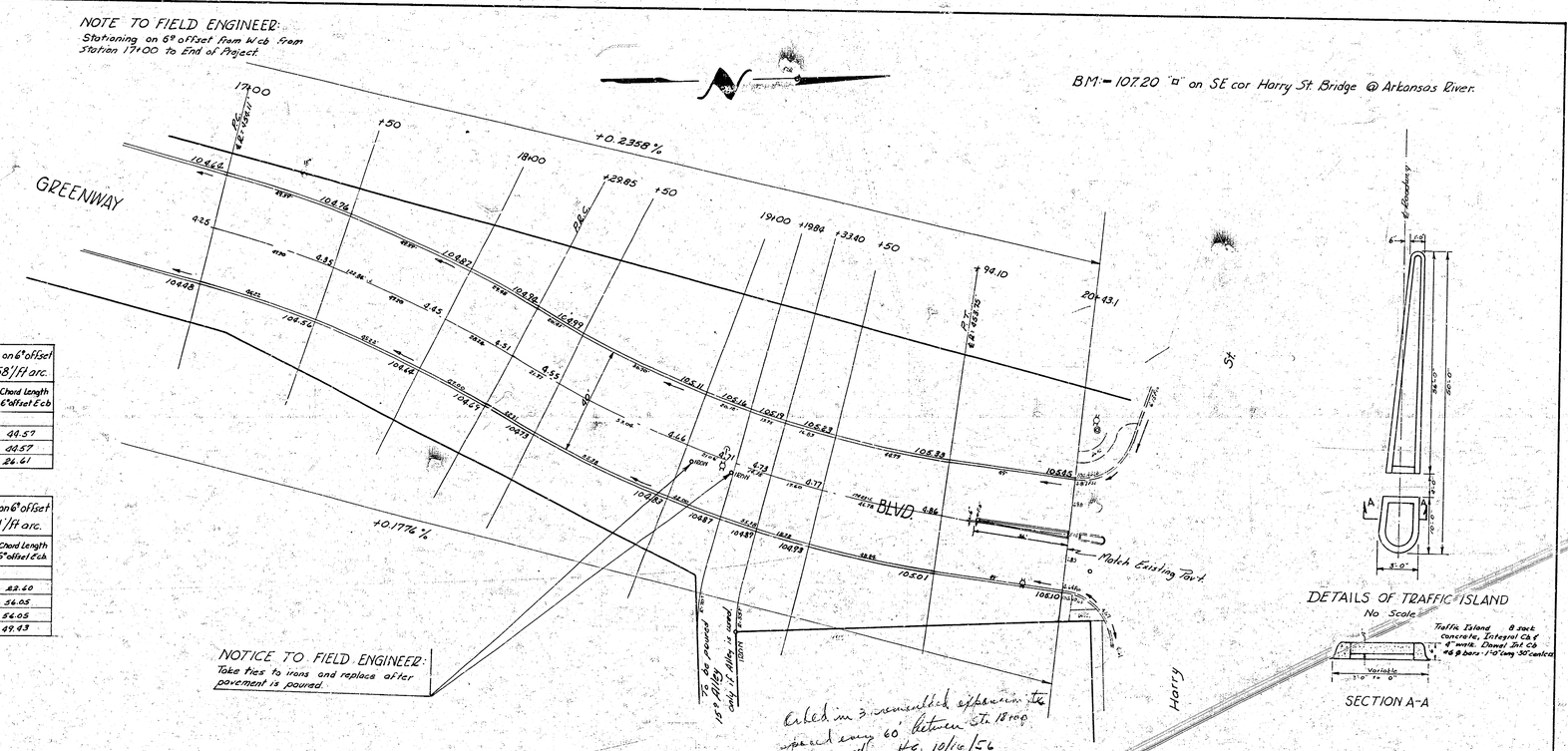
STATION	Deflection Angle	Total Deflection	Chord Length 6" offset Wcb	Chord Length 6" offset Ecb.
7+95.1				
8+50	0°28'02"	0°28'02"	54.90	55.75
9+00	0°25'31"	0°53'33"	49.98	50.75
+50	0°25'31"	1°19'04"	49.98	50.75
10+00	0°25'31"	1°44'35"	49.98	50.75
+50	0°25'31"	2°10'06"	49.98	50.75
11+00	0°25'31"	2°35'37"	49.98	50.75
+50	0°25'31"	3°01'08"	49.98	50.75
12+00	0°25'31"	3°26'39"	49.98	50.75
+50	0°25'31"	3°52'10"	49.98	50.75
13+00	0°25'31"	4°17'41"	49.98	50.75
+65.6	0°33'30"	4°51'11"	65.61	66.62
13+92.5	0°13'49"	5°05'00"	26.92	27.42

BM:- 103.75 'G' in Globe W end N cb Osie, EL. Grzenway.



NOTE TO FIELD ENGINEER:
Stationing on 6° offset from Wcb from Station 17+00 to End of Project.

B.M.= 107.20 "a" on SE cor Harry St. Bridge @ Arkansas River.



CURVE DATA: Sta. 17+00 to 18+29.85 Sta. on 6° offset
Wcb. R= 480.11 Δ= 15°30' Defl= 3.58'/ft arc.

STATION	Deflection Angle	Total Deflection	Chord Length 6° offset Wcb	Chord Length 6° offset Ech
17+00	0°		49.98	
+50	2°59'	2°59'	49.98	49.97
18+00	2°59"	5°58'	49.98	49.97
+29.85	1°46'52"	7°44'52"	29.86	24.61

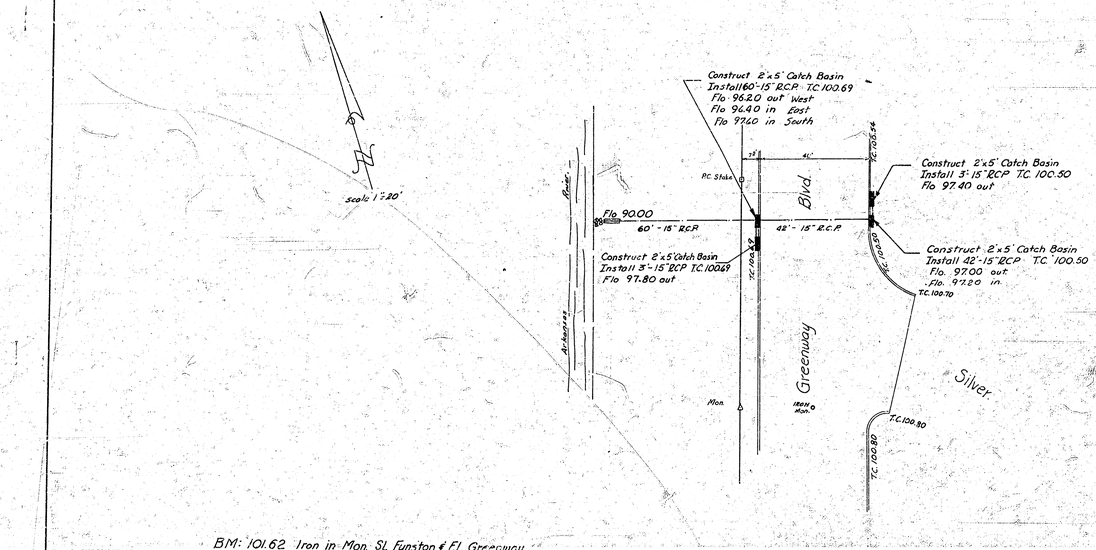
CURVE DATA: Sta. 18+29.85 to 19+94.10 Sta. on 6° offset
Wcb. R= 427.15 Δ= 22°00' Defl= 4.0184'/ft arc.

STATION	Deflection Angle	Total Deflection	Chord Length 6° offset Wcb	Chord Length 6° offset Ech
18+29.85				
+50	1°30'58"	1°30'58"	20.14	82.60
19+00	3°30'55"	4°41'53"	49.98	54.05
+50	3°50'55"	8°02'48"	49.98	54.05
+94.10	2°59'12"	11°00'00"	44.08	49.93

DETAILS OF TRAFFIC ISLAND
No Scale

SECTION A-A

5/10



10/10

INCIDENTAL DRAINAGE

In Connection with GREENWAY BLVD.

CITY OF WICHITA KANSAS

B.E. Smith City Engineer

PROJ. NO. C16-110

1 12 8 18