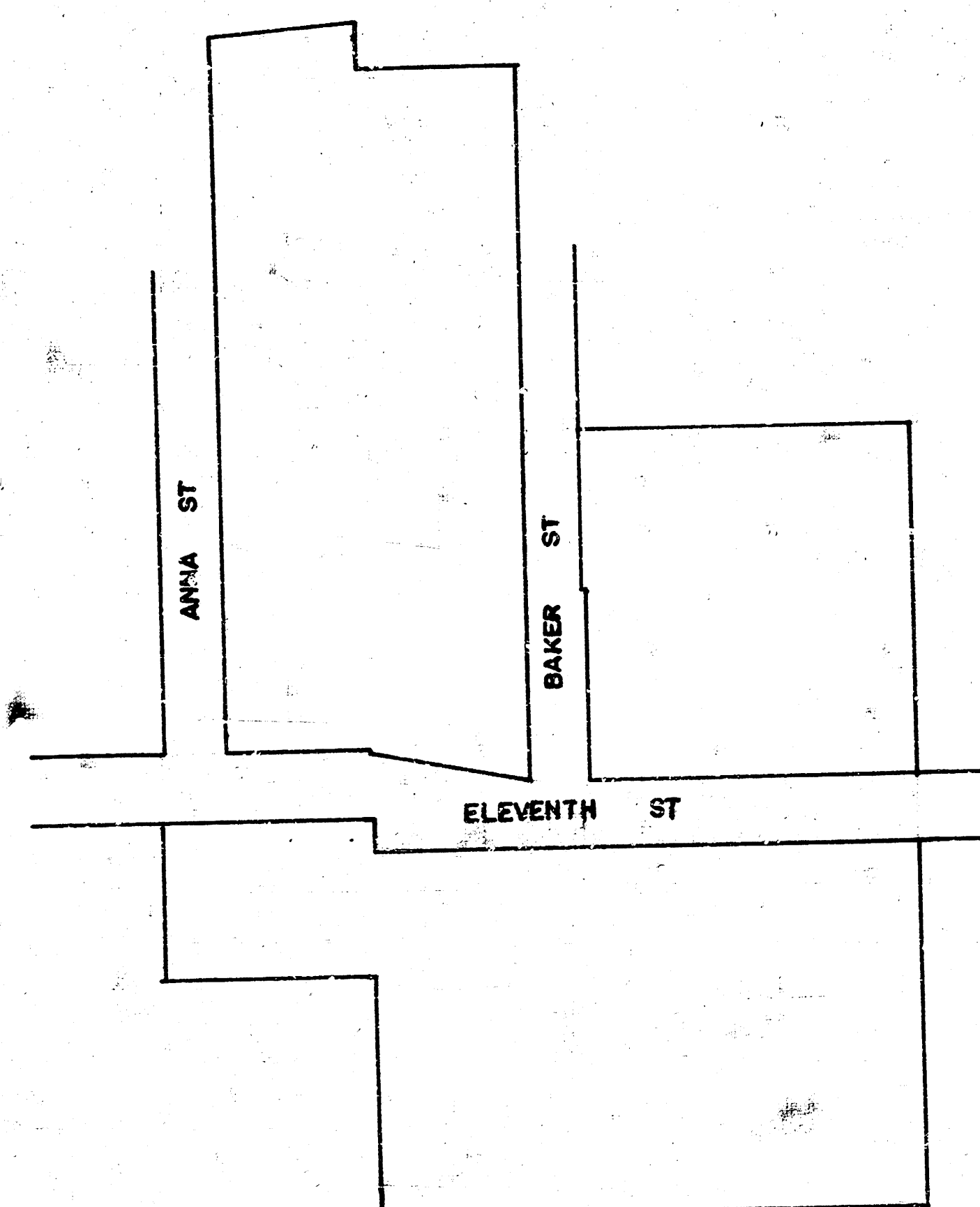
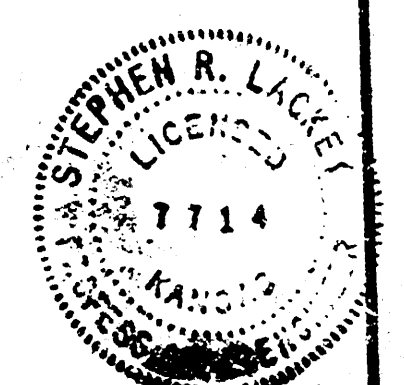


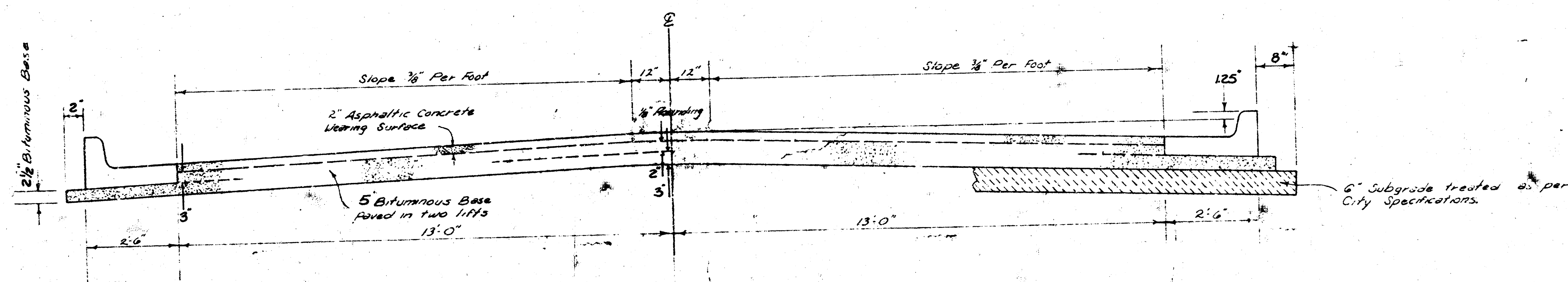
ELEVENTH ST
from WL Anna st. to WL lot 8 blk E
Replat of part of R.A. Morris Gardens



Department of Engineering
City of Wichita , Kansas
R.W.Bruggeman Dir. Engineering / City Engineer
Proj. no. 472-76-245-80991-000-000-001



ELEVENTH ST

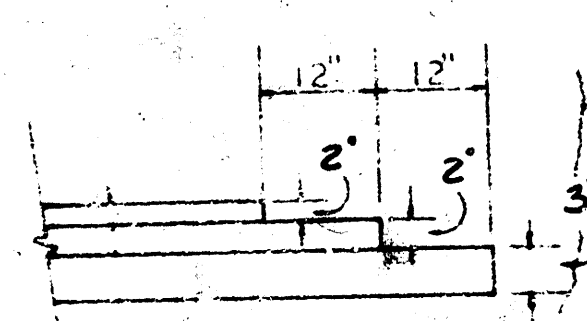


TYPICAL SECTION

31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ. YD. BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT. BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

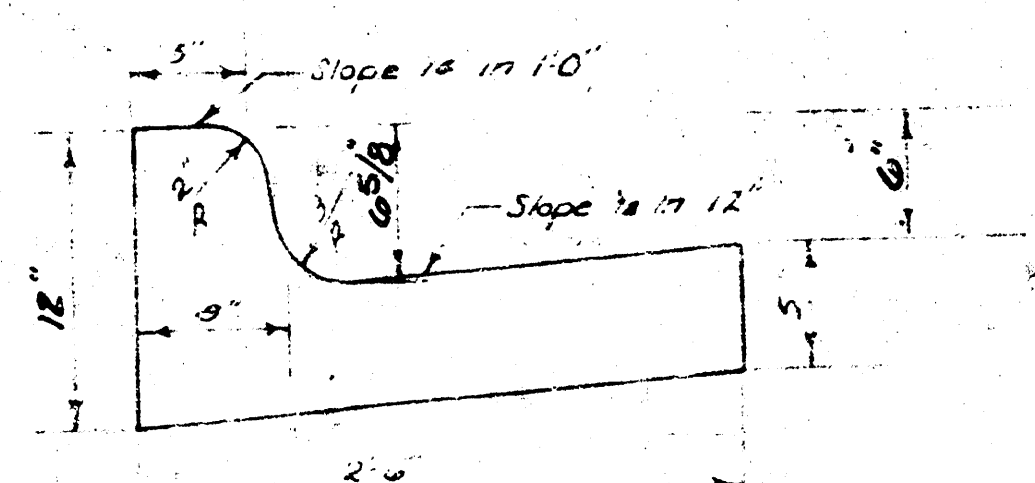
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



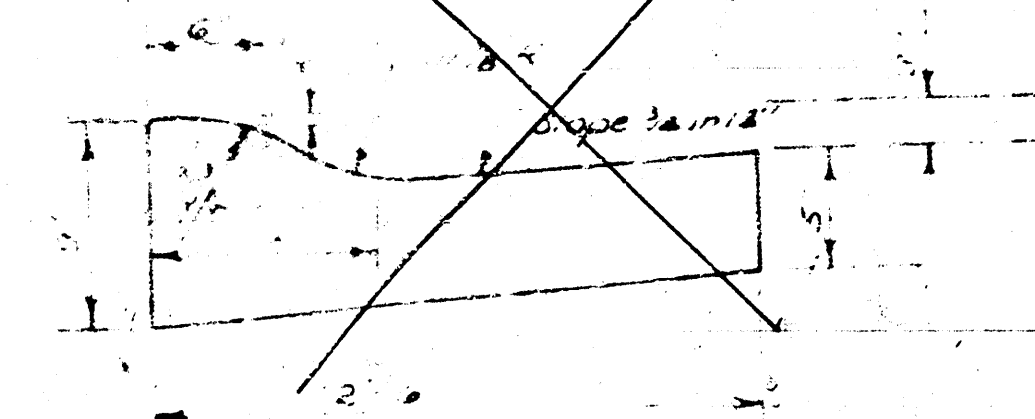
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

The A.C. pavement between the Comb. Curb & Gutter shall be paid as 5¢ Yds. 7" A.C. Pavement (5" Bituminous Base). The Bituminous Base under the Comb. Curb & Gutter shall be paid as 5¢ Yds. 2" Bituminous Base.

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



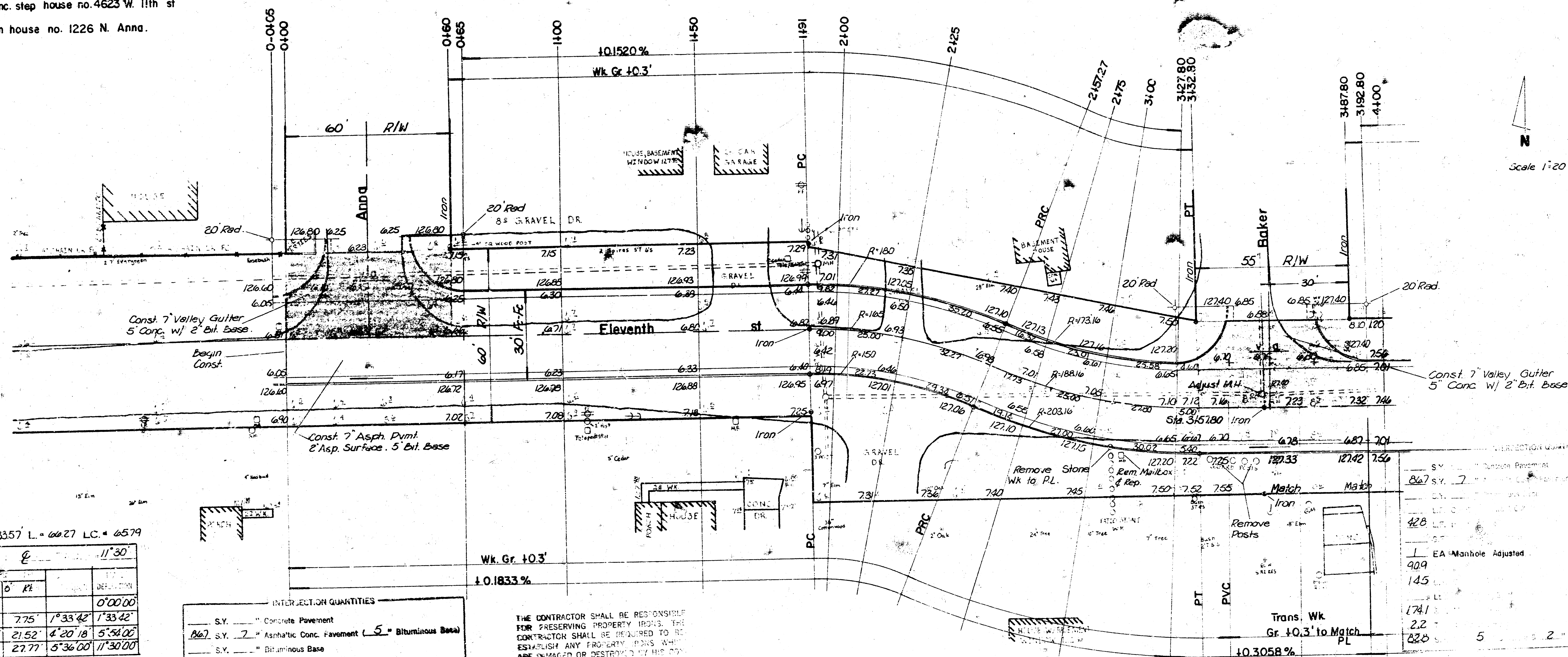
CITY OF WICHITA, KANSAS

DEPARTMENT OF ENGINEERING

DATE: _____

2/6

BM 127.36 NE cor bottom conc. step house no. 4623 W. 11th st
 BM 129.99 SW cor conc. porch house no. 1226 N. Anna.
 B is $\frac{1}{2}$ Eleventh st.



$\Delta = 23.00^\circ$, $R = 165$, $T = 335.7$, $L = 66.27$, $LC = 65.79$

CURVE DATA FACTOR $\frac{1}{2}$					
STA	PC	PT	PI	LC	DEF.
1191					0'00'00"
2100	9.00	10.25	7.75	1'33'42"	1'33'42"
2125	25.00	28.49	21.52	4'20'18"	5'34'00"
2157.2	32.27	36.77	27.77	5'36'00"	11'30'00"

Defl. $\frac{1}{11}$ 10.41/95.11

$\Delta = 23.00^\circ$, $R = 188.16$, $T = 38.28$, $L = 75.53$, $LC = 75.03$

CURVE DATA FACTOR $\frac{1}{2}$					
STA	PC	PT	PI	LC	DEF.
2157.27					0'00'00"
157	17.73	15.56	19.90	2'41'58"	2'41'58"
3100	23.00	21.44	28.06	3'48'23"	6'30'21"
127.80	27.60	24.40	31.20	4'13'58"	10'44'19"
432.80	5.00	4.39	5.61	0'45'41"	11'30'00"

Defl. $\frac{1}{11}$ 9.15/42.88

INTERSECTION QUANTITIES	
S.Y.	Concrete Pavement
867	S.Y. 7" Asphaltic Conc. Pavement (5" Bituminous Base)
S.Y.	Bituminous Base
L.F.	Combined Curb & Gutter
42.8	L.F. Integral Curb
S.F.	Walkway Ramp
S.F.	Manhole
39.8	C.Y. Excavation
14.5	C.Y. Concrete Pile
	Lbs. Reinforcing Steel
1741	S.Y. Manipulation
2.2	Tons Lime or Cement
82.8	S.Y. W.C. 5" Concrete & 2" Asphaltic Concrete Base

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY LINES WHICH ARE DAMAGED OR DESTROYED BY HIS OPERATION. SUCH DAMAGE SHALL BE RE-ESTABLISHED BY A LICENSED SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.

SUB-GRADE
 TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

Earthwork		
Excavation	City	Property
130.7 cy		1207.5 cy
110%		120.0 cy
Total		1323.3 cy
Manipulation		2263.5 sy

ELEVENTH ST
 WL Anna to WL lot B like Replat of
 Part of R.A. Morris Gardens
 Proj. no. 472-76-245-80991-000-000-001

