B.M. 179.41 "G" in Globe East Curb Edgemore, S.L. Second.
B.M. 172.93 "4" in 1949 top of curb west end of Radius N.W. corner Rockwood & W. Brookside
Use only these benchmarks as described on this plan.

NOTE:
Sta. 0+40 ℄ 4-8'x3'-2" Reinf. Conc. Box Culvert
Elevation top of 15" San. Sewer under culvert = 160.99. Elevation bottom of apron wall 162.64. 1.7' Clearance

Excavation

Prop.	City.
2.3	13.6
9.1	6.1
91.1	14.2
111.2	1.7
175.9	2.2
124.6	92.8
15[illegible].5	21.9
12[illegible].7	167.1
79.7	167.1
119.3	11[illegible].0
1052.7	
1176.6	

P.I. El. 170.56
90' V.C.

P.I. El. 174.00
100' V.C.

+0.3% | +1.64% | +1.17%

0+00 | 0+91 | 0+40 | 0+609 | 0+803 | 1+40 | 2+00 | 2+50 | 3+00 | 3+50 | 4+00 | 4+50 | 5+00 | 5+30 | 5+90

87' | 60' | No Crown

Existing 15" San. Sewer

Existing 8" San. Sewer

Second Street

Patton

West Brookside | East Brookside

80.3' | 60' | 390'

P.I. El. 170.44
40' V.C.

P.I. El. 174.00
100' V.C.

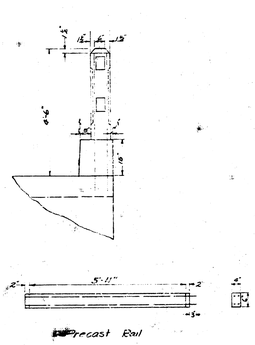
+0.3% | +1.70% | +1.17%

13 drives

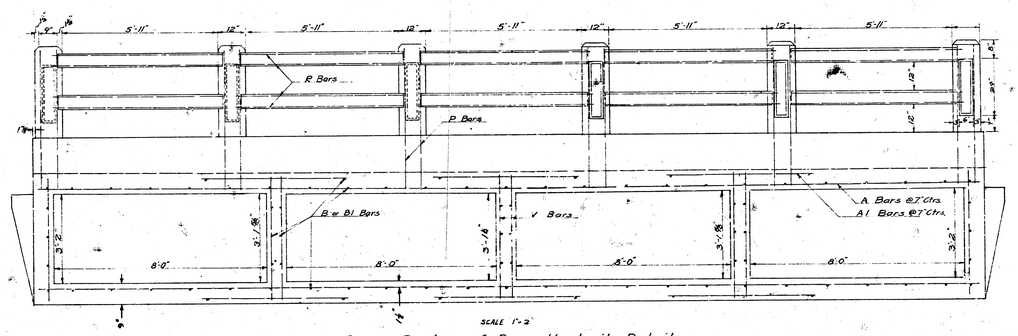
SECOND ST.
E.L. WEST BROOKSIDE ~ E.L. PATTON
30' CONC. PAVE. & CURB
CITY OF WICHITA, KANSAS
L.K. WHITE CITY ENGINEER
JUNE 1950 PROJ. NO. C10-45

1/4

REINFORCED CONCRETE BOX CULVERT
EAST SECOND STREET & BROOKSIDE PARKWAY

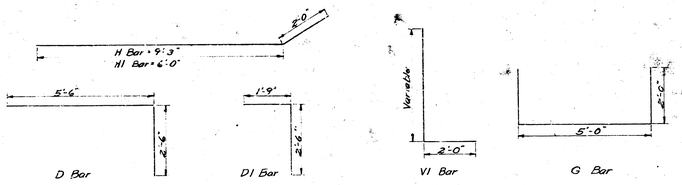


Precast Rail

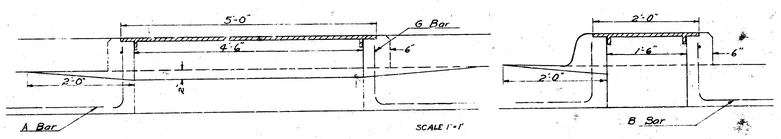


Cross Section of Box - Handrail Details

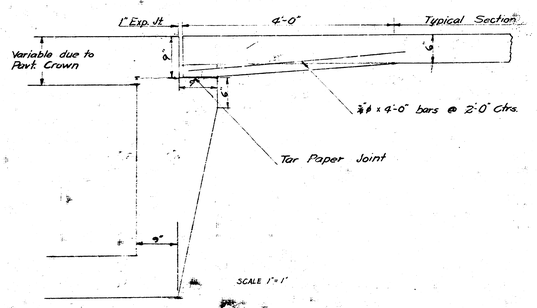
NOTE:
1. One end of each precast rail to be wrapped with tar paper to allow for expansion.
2. Cut A and B bars in opening of catch basin and bend up as shown on catch basin details.
3. Bevel all exposed edges with 1" triangular moulding.
4. Class 'D' concrete to be used in handrail posts and rails.



Bar Bending Diagrams



Catch Basin Details



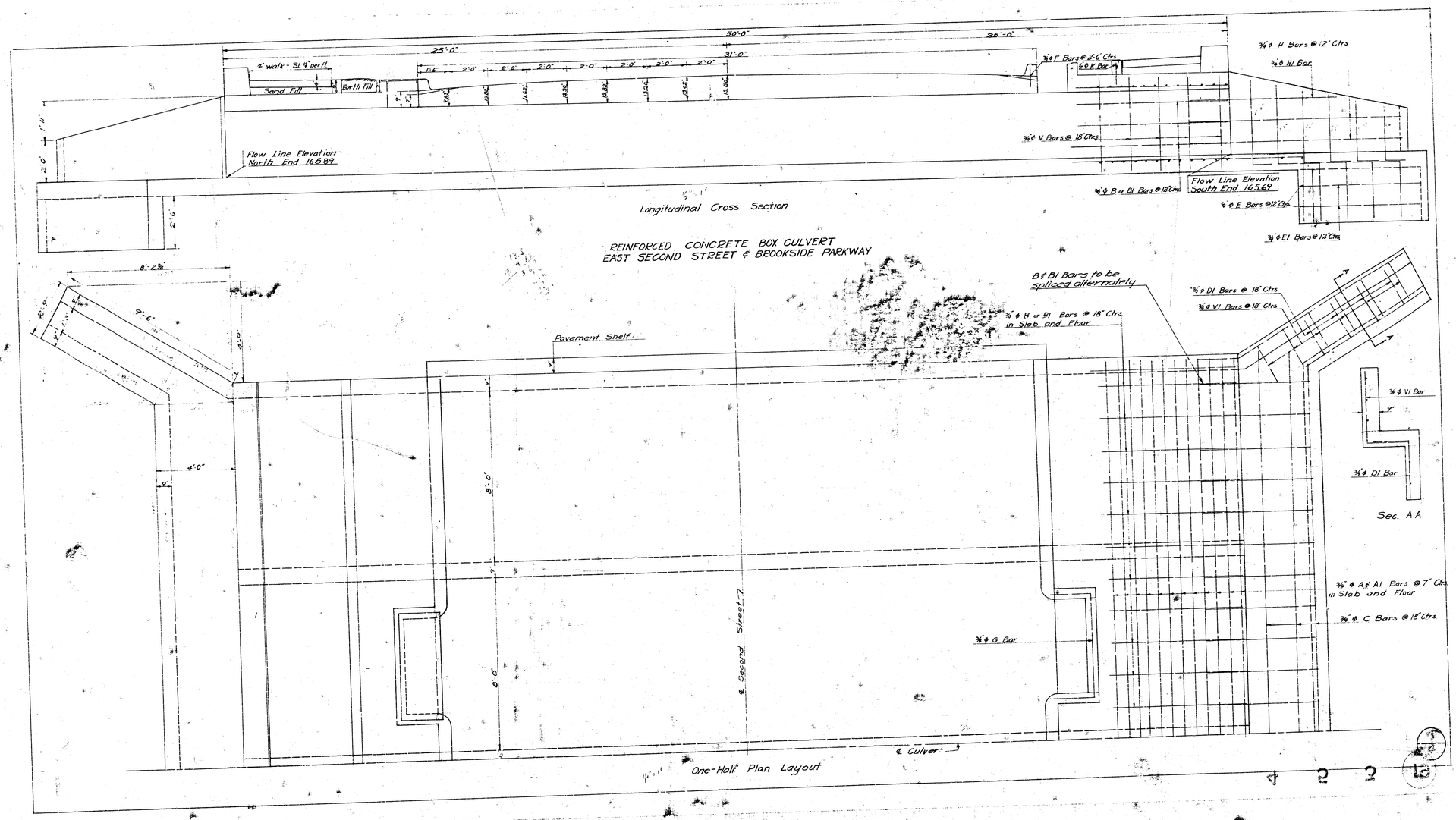
Cross Section - Pavement Shelf & Approach Slab

BILL OF MATERIALS

Bar	Number	Size	Length	Shape
A	172	3/4" ø	35'-6"	
A1	516	3/4 ø	5'-6"	
B	86	3/4 ø	40'-0"	
B1	86	3/4 ø	12'-0"	
C	6	3/4 ø	35'-9"	
D	96	3/4 ø	8'-0"	
D1	16	3/4 ø	4'-3"	
E	4	3/4 ø	34'-6"	
E1	8	3/4 ø	6'-6"	
V	212	3/4 ø	9'-6"	
V1	24	3/4 ø	6'-0" to 9'-6"	
H	8	3/4 ø	11'-3"	
H1	4	3/4 ø	8'-0"	
F	56	#4 ø	1'-0"	
G	4	3/4 ø	9'-0"	
K	2	5/8 ø	35'-6"	
P	98	5/8 ø	9'-6"	
R	80	5/8 ø	6'-6"	

Reinf. Steel	24,129 LBS
Class 'A' Concrete	162 Cu. Yds.
Class 'D' Concrete (4 sacks cement per cu. yd.)	18 Cu. Yds.
Fill Sand	23 Tons
General Excavation	352 Cu. Yds.
Hand Excavation	17 Cu. Yds.
Sq. Ft. Sidewalk	286 Sq. Ft.
Lin. Ft. Integral Curb	99.5 Lin. Ft.
2'x5' Catch Basin Covers	4

2/4


50'-0"
25'-0"
25'-0"
31'-0"
4' walk - 5½" perft.
Sand Fill
Earth Fill
2'-0"
Flow Line Elevation - North End 165.89
¾ϕ F Bars @ 2'-6" Ctrs.
¾ϕ K Bar
¾ϕ H Bars @ 12" Ctrs
¾ϕ HI Bar
¾" V Bars @ 18" Ctrs.
¾ϕ B or B1 Bars @ 12" Ctrs.
Flow Line Elevation South End 165.69
¾ϕ E Bars @ 12" Ctrs.
¾ϕ E1 Bars @ 12" Ctrs.
Longitudinal Cross Section
REINFORCED CONCRETE BOX CULVERT
EAST SECOND STREET & BROOKSIDE PARKWAY
B & B1 Bars to be spliced alternately
¾ϕ D1 Bars @ 18" Ctrs.
¾ϕ V1 Bars @ 18" Ctrs.
¾ϕ B or B1 Bars @ 18" Ctrs. in Slab and Floor
¾ϕ VI Bar
2"
¾ϕ DI Bar
Sec. A A
¾" ϕ A & A1 Bars @ 7" Ctrs. in Slab and Floor
¾" ϕ C Bars @ 18" Ctrs.
¾ϕ G Bar
Pavement Shelf
℄ Second Street
℄ Culvert
One-Half Plan Layout