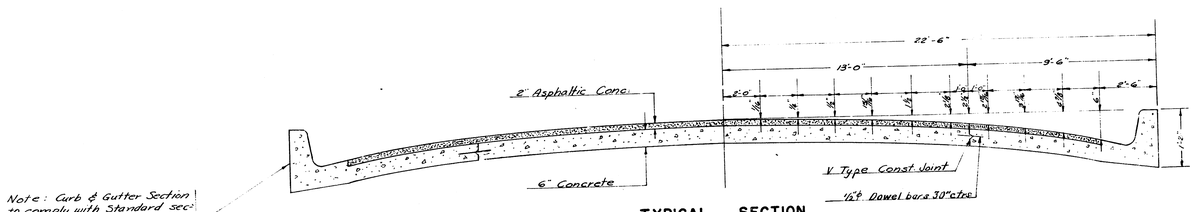
DOUGLAS AVE.

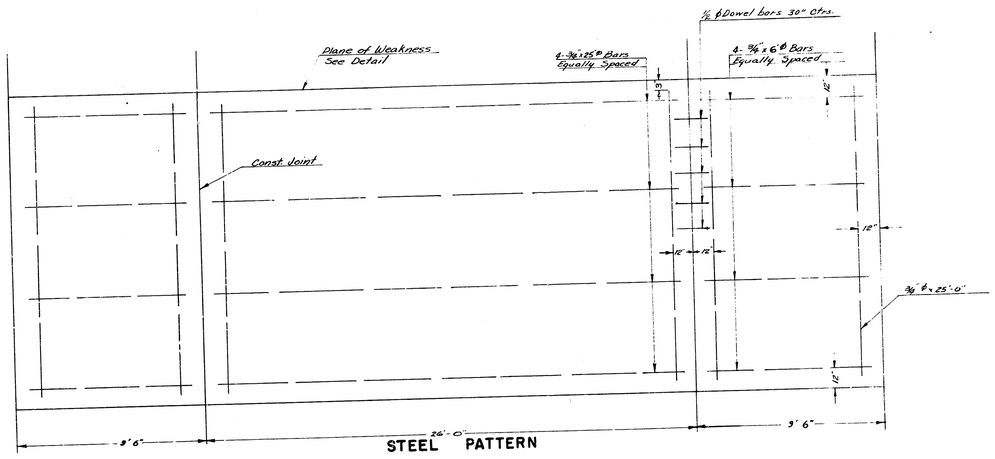
℄ EDGEMOOR TO E.L. COURTLEIGH



Note: Curb & Gutter Section to comply with Standard section of combined curb & gutter.

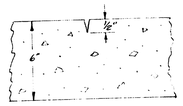
TYPICAL SECTION

No Scale



STEEL PATTERN

No Scale



Plane of Weakness Detail

Plane of Weakness to be cut with Double-edge groove to depth as shown in a straight line from curb to curb ℄ of traffic

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DOUGLAS AVE.

℄ EDGEMOOR DR. TO EL. COURTLEIGH DR.

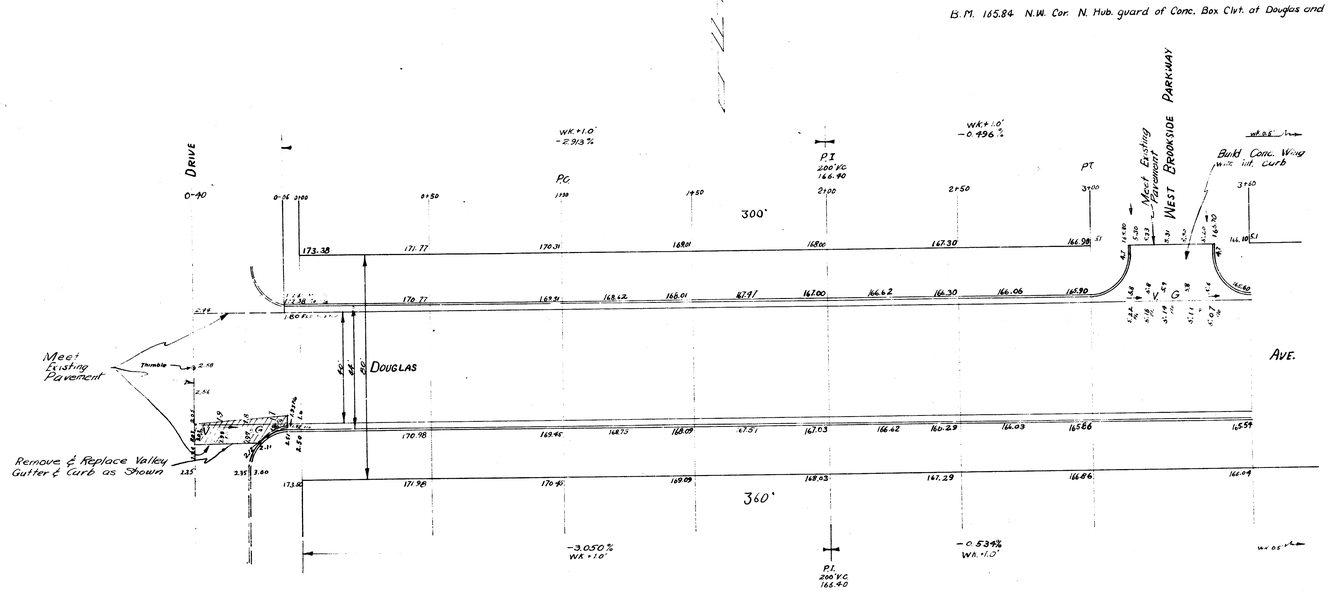
40'-2'-44' A.C.

CITY OF WICHITA, KANSAS

L.K. WHITE CITY ENGINEER

Feb. 1950 PROJECT No. C19-92

B.M. 165.84 N.W. Cor. N. Hub. guard of Conc. Box Clvt. at Douglas and Brookside Parkway.



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DOUGLAS AVE.

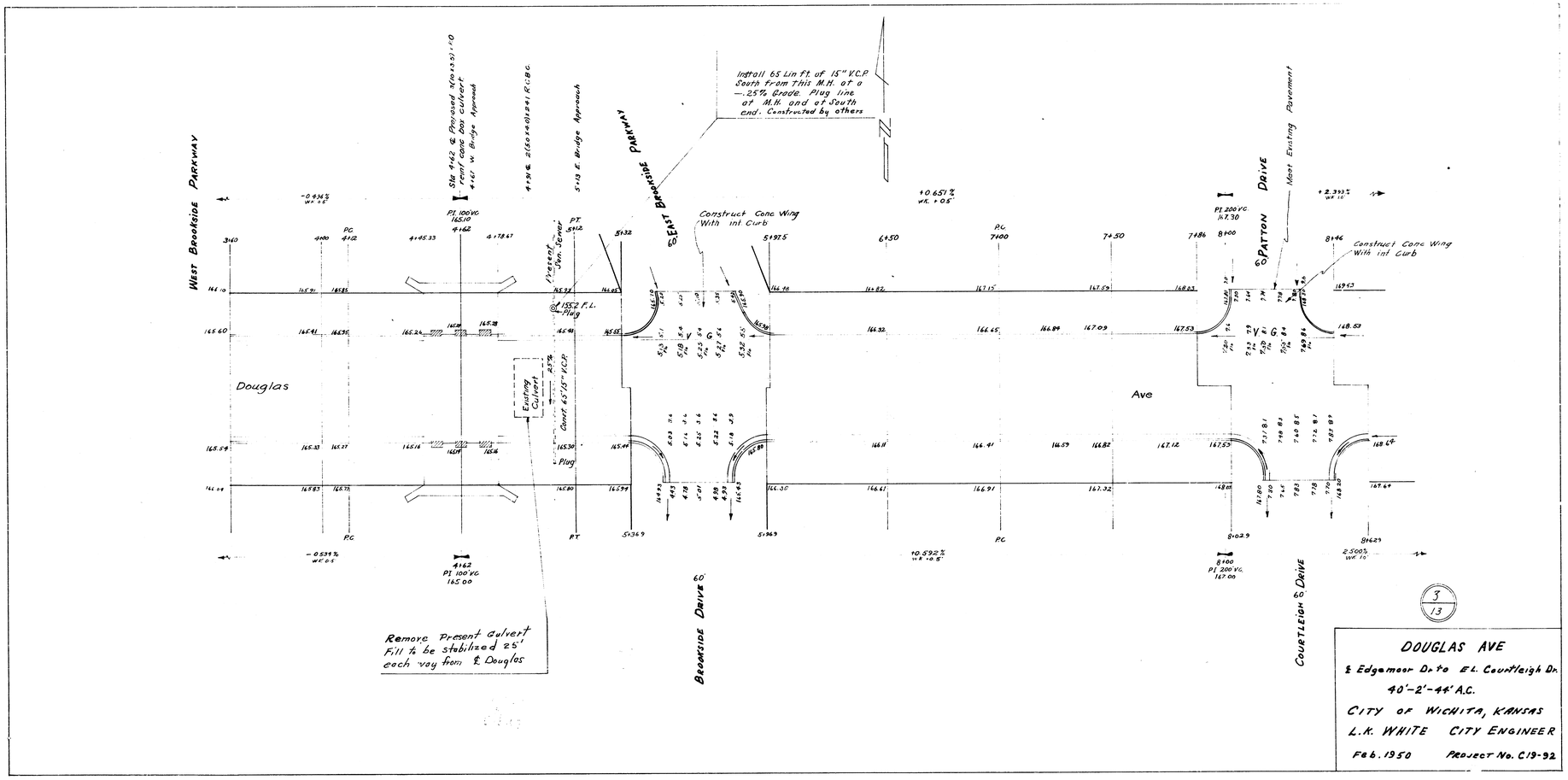
℄ EDGEMOOR DR. TO E.L. COURTLEIGH DR.

40'-2'-44' A.C.

CITY OF WICHITA, KANSAS

L.K. WHITE CITY ENGINEER

AUGUST 1949 PROJ. NO. C19-32



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DOUGLAS AVE

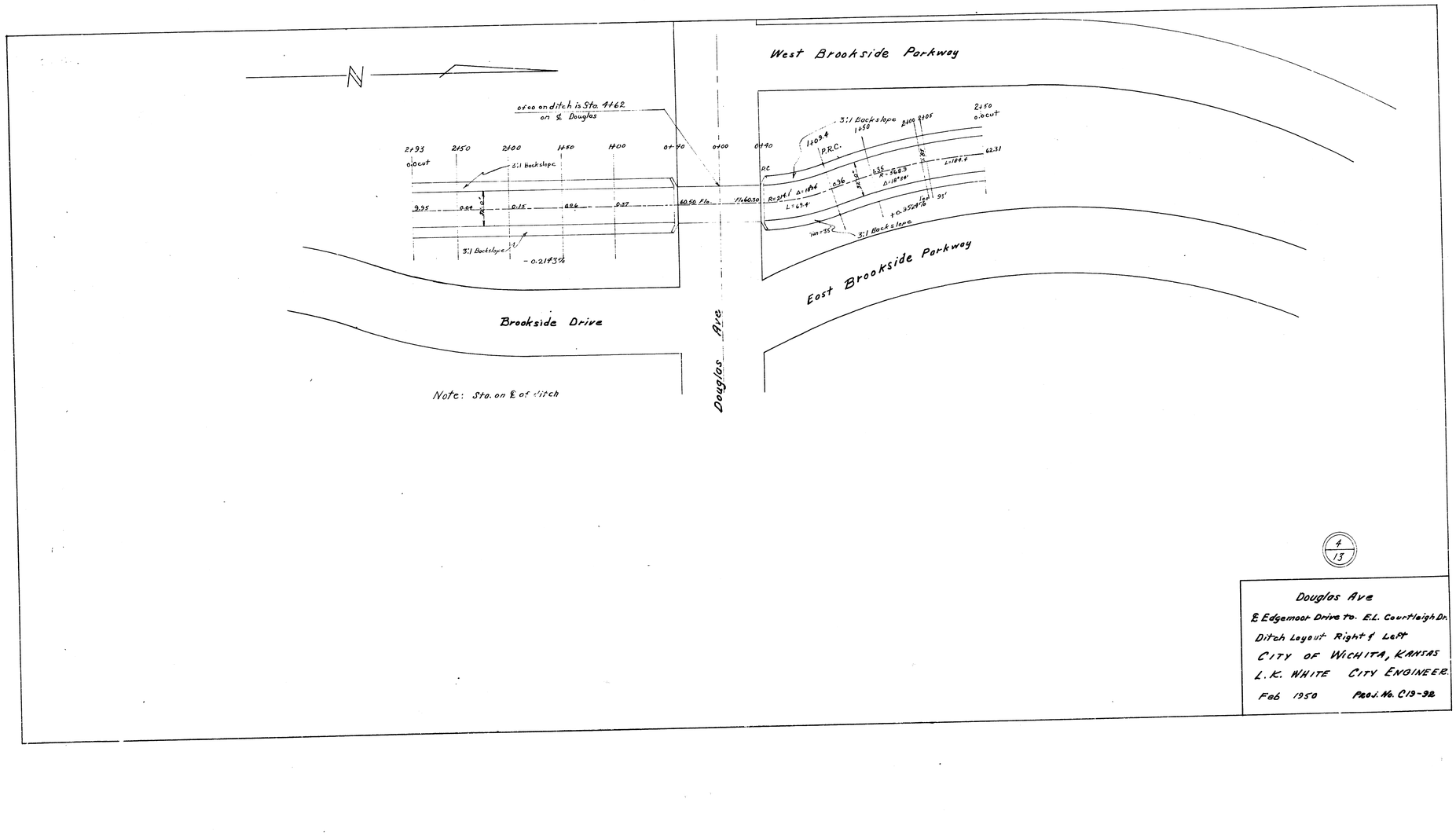
℄ Edgemoor Dr. to E.L. Courtleigh Dr.

40'-2'-44' A.C.

CITY OF WICHITA, KANSAS

L.K. WHITE CITY ENGINEER

Feb. 1950 PROJECT No. C19-92



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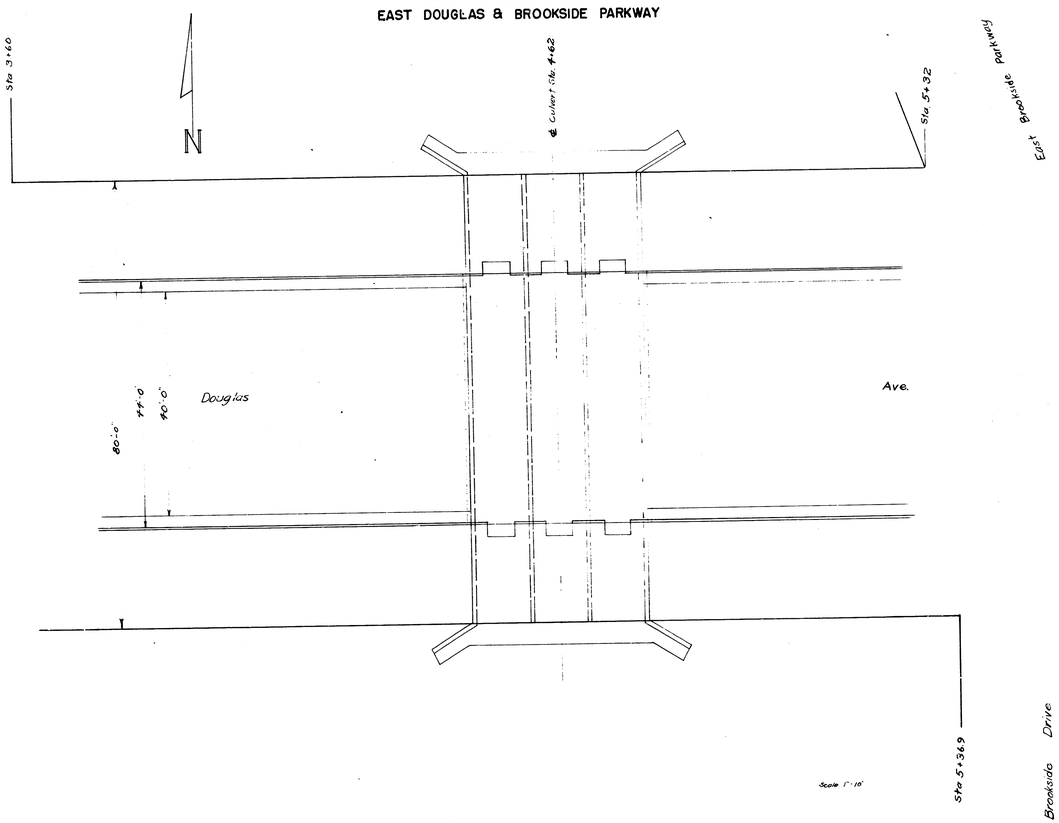
Douglas Ave
E. Edgemoor Drive to E.L. Courtleigh Dr.
Ditch Layout Right & Left
CITY OF WICHITA, KANSAS
L.K. WHITE CITY ENGINEER.
Feb 1950 Proj. No. C19-32

BOX CULVERT LAYOUT
EAST DOUGLAS & BROOKSIDE PARKWAY



5
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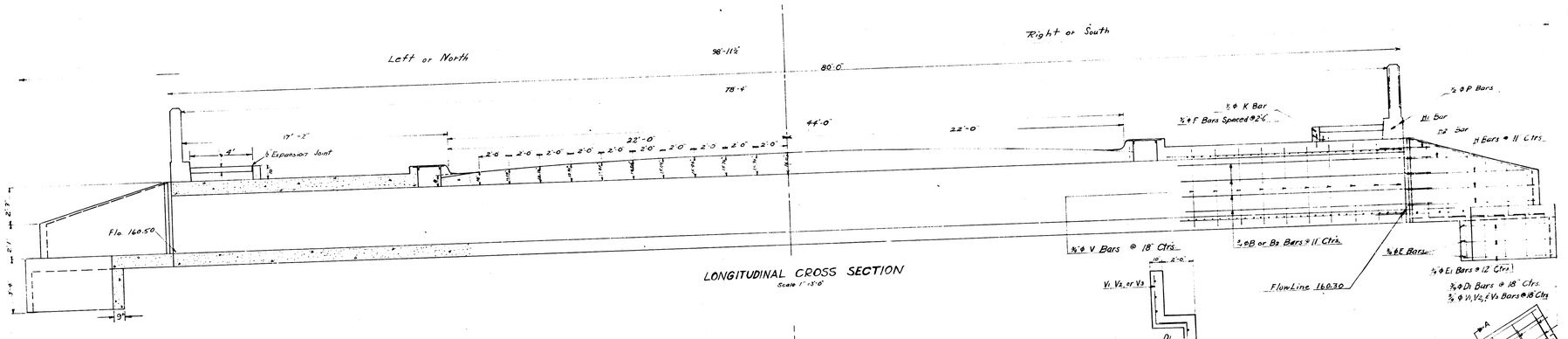
DOUGLAS AVE
℄ EDGEMOOR DR to ℄ COURTLEIGH DR
40'-2'-44' A.C.
CITY OF WICHITA, KANSAS
L.K. WHITE CITY ENGINEER
February 1950 PROJECT No. C 19-92

BOX CULVERT PLAN
EAST DOUGLAS & BROOKSIDE PARKWAY



Douglas Ave

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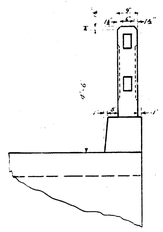
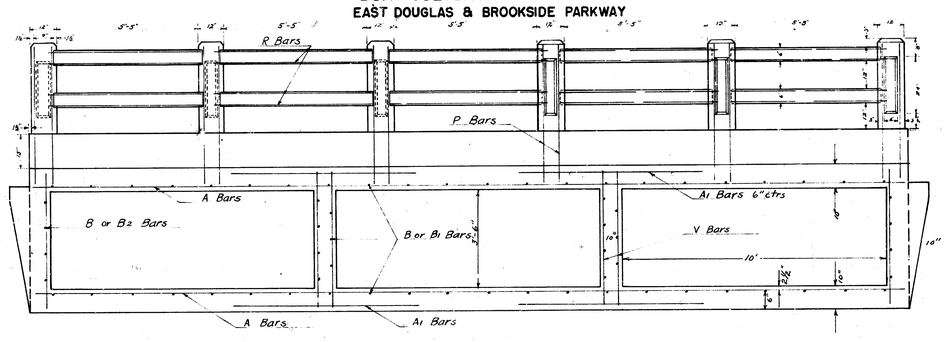
BOX CULVERT DETAIL

EAST DOUGLAS & BROOKSIDE PARKWAY



DETAIL OF HANDRAIL POST
Scale 1"=2'-0"



CROSS SECTION OF BOX
Scale 1"=2'-0"

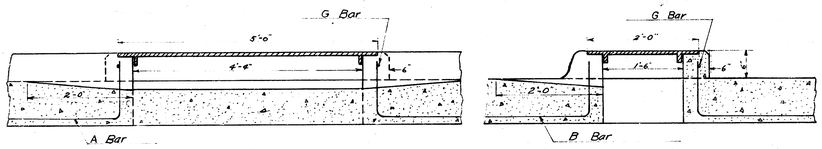
BILL OF MATERIALS				
Bar	Number	Size	Length	Type
A	308	3/4" ϕ	33'-0"	—
A1	616	3/4" ϕ	7'-0"	—
B	138	3/4" ϕ	25'-0"	—
B1	58	3/4" ϕ	10'-9"	—
B2	16	3/4" ϕ	8'-6"	—
C	6	3/4" ϕ	33'-0"	—
D	44	3/4" ϕ	8'-9"	⌐
D1	20	3/4" ϕ	4'-3"	⌐
E	6	3/4" ϕ	33'-0"	—
E1	12	3/4" ϕ	6'-3"	—
H	12	3/4" ϕ	10'-0"	—
H1	4	3/4" ϕ	2'-0"	—
H2	4	3/4" ϕ	4'-6"	—
V	324	3/4" ϕ	4'-8"	—
V1	12	3/4" ϕ	6'-0"	L
V2	8	3/4" ϕ	5'-6"	L
V3	8	3/4" ϕ	4'-6"	L
F	54	3/4" ϕ	1'-0"	—
G	6	3/4" ϕ	9'-0"	⌊⌋
K	2	1/2" ϕ	33'-0"	—
P	48	1/2" ϕ	4'-9"	—
R	80	3/8" ϕ	6'-0"	—

Reinf Steel - Lbs.	32,530
Class A Conc. - Cu Yds	247
2'x5' Catch Basin Covers	6
Fill Sand - Tons	7
Class D Conc. (9 sacks per cu yd) Cu Yds.	17
General Exca	550 cu yds
Hand Exca	30
D'Side Walk	2,670 ft
Lin ft Int cb	37

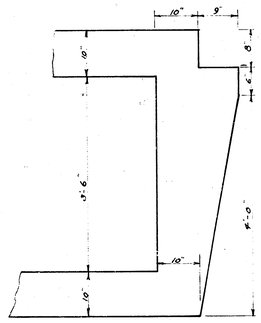


PRECAST RAIL
Scale 1"=2'-0"

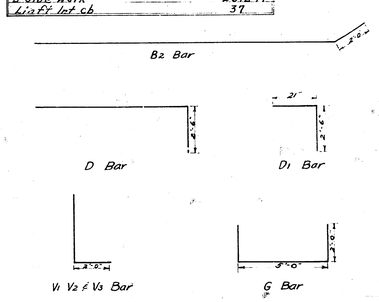
NOTE:
1. One end of each precast rail to be wrapped with tar paper to allow for expansion.
2. Cut A & B Bars in opening of catch basin and bend as shown below.
3. Bevel all exposed edges using 1" triangular moulding
4. Class "D" concrete to be used in Posts & Rails



DETAIL OF CATCH BASIN
Scale 1"=1'-0"



DETAIL OF PAVEMENT SHELF
Scale 1"=1'-0"



BENDING DIAGRAMS
Scale 1"=3'-0"

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DOUGLAS AVE
Edgemoor Dr to Courtleigh Dr.