

PUB. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
5	KANSAS	235-07-1-235 (14) 43	1958	12	314

Part I

Sta. 121+00 Const
Type I Inlet on ϕ
Install 18" x 115 CRF
Broken Back
See Sheet No. 47

Invert	1291.76
FL Out	1278.20

Sta. 113+58.29 Construct
Br. No. 235-87-10.68
NB. 57'11 3/8", 73'7 3/8", 52'7 1/8", 40'9 3/8"
SB. 57'10 3/8", 74'6 1/4", 53'2" 41'-1 1/2"
RC. BG. 30' Roadway
See Sheet No. 102 thru 113

Sta. 114+58 Install
30"x240' CRP 2 End Sec
98' Lt & 142' Rl Rotate 31° Lt.
DA = 12 Ac. Q = 23 c.f.
LF = 0.5 HW = 2.4

CURVE DATA
 $\Delta = 69^{\circ}34'$
 $D_c = 2^{\circ}16'$
 $R_c = 2527.92'$
 $L_c = 2769.12'$

Sta. 108+00 Const
Type I Inlet on E
Install 18" x 140' C.R.P (CMI)
Broken Back
See Sheet No 47 & 50

FL. Outle.
127603

Invert El.
1297.57

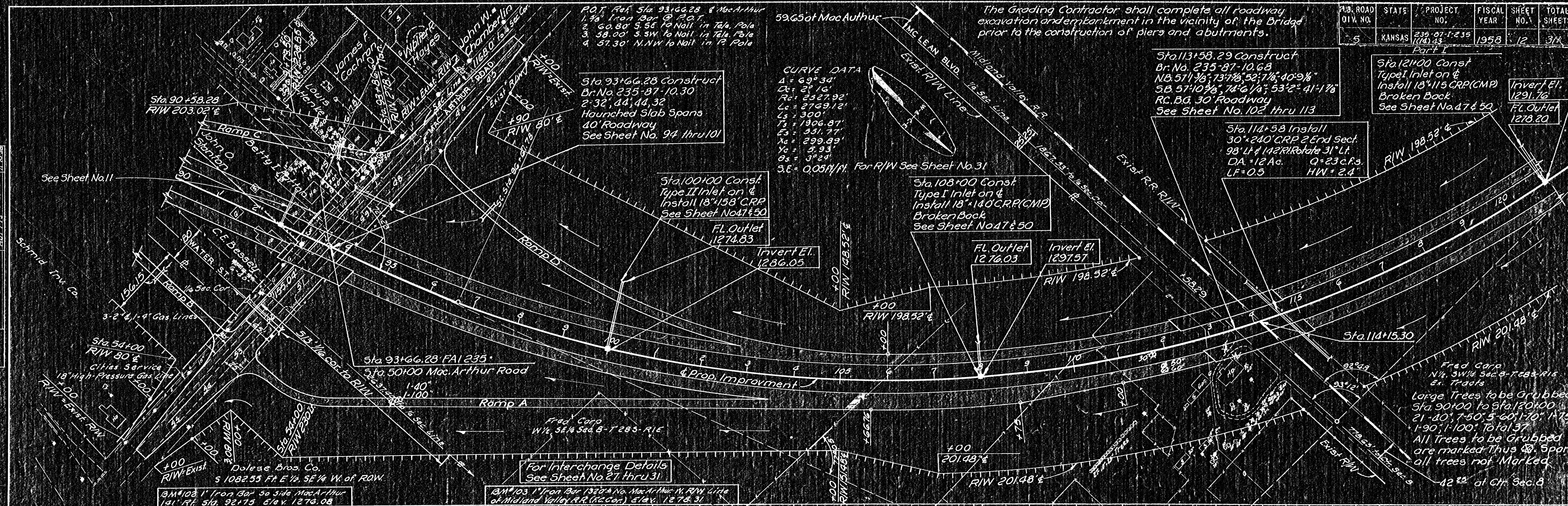
Sta. 100+00 Const.
Type II Inlet on &
Install 18"x158" C.R.P.
See Sheet No 47 & 50

Invert El.

Sta 93+66.28 Construct
Br. No 235-87-10.30
2'-32", 44", 44", 32"
Haunched Slab Spans
40' Roadway
See Sheet No. 94 thru 101

P.O.T. Ref Sta 9316628 & MacArthur
1. 36' Iron Bar @ P.O.T.
2. 60.80' S. 55° to Nail in Tels. Pole
3. 58.00' S. 35° to Nail in Tels. Pole
4. 57.30' N. NW to Nail in P. Pole

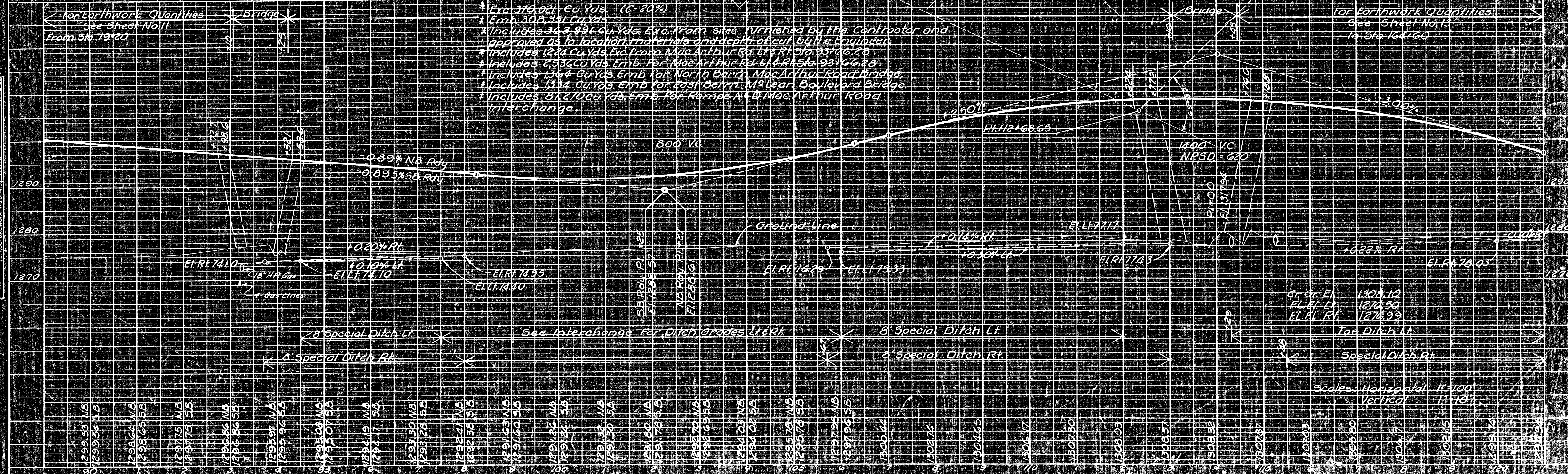
The Grading Contractor shall complete all roadway excavation and embankment in the vicinity of the Bridge prior to the construction of piers and abutments.



← For Earthwork Quantities
See Sheet No. 11
From Sta. 79+20

- * Exc 370.02 Cu.Yds. (C-20%)
- * Emb 308.34 Cu.Yds.
- * Includes 363.99 Cu.Yds. Exc. from sites furnished by the Contractor and approved as to location, materials and depth of cut by the Engineer.
- * Includes 124 Cu.Yds. Exc. from MacArthur Rd. LR 934.936.26
- * Includes 2336 Cu.Yds. Emb. for MacArthur Rd LR 934.936.26
- * Includes 1364 Cu.Yds. Emb. for North Barrn MacArthur Road Bridge.
- * Includes 1364 Cu.Yds. Emb. for East Barrn McLean Boulevard Bridge.
- * Includes 31270 Cu.Yds. Emb. for Kamps A & MacArthur Road Interchange.

For Earthwork Quantities:
See Sheet No. 13
To Sta. 164+60



Gr. Gr. EL	1308.10
FL. EL. LT	1276.50
FL. EL. RT	1276.99

Toe Ditch Lt.

Special Ditch Rt.

Scales:	Horizontal	1"=10'
	Vertical	1"=1'

PLATE 1—PLAN—PROFILE D. F. R. 5