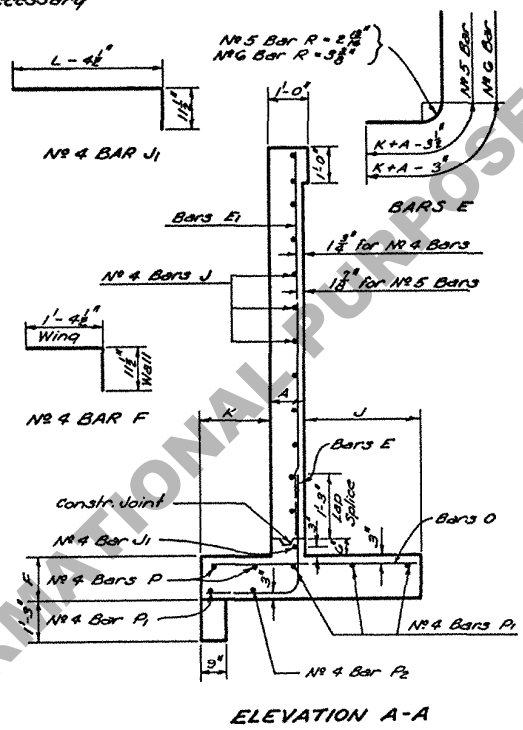
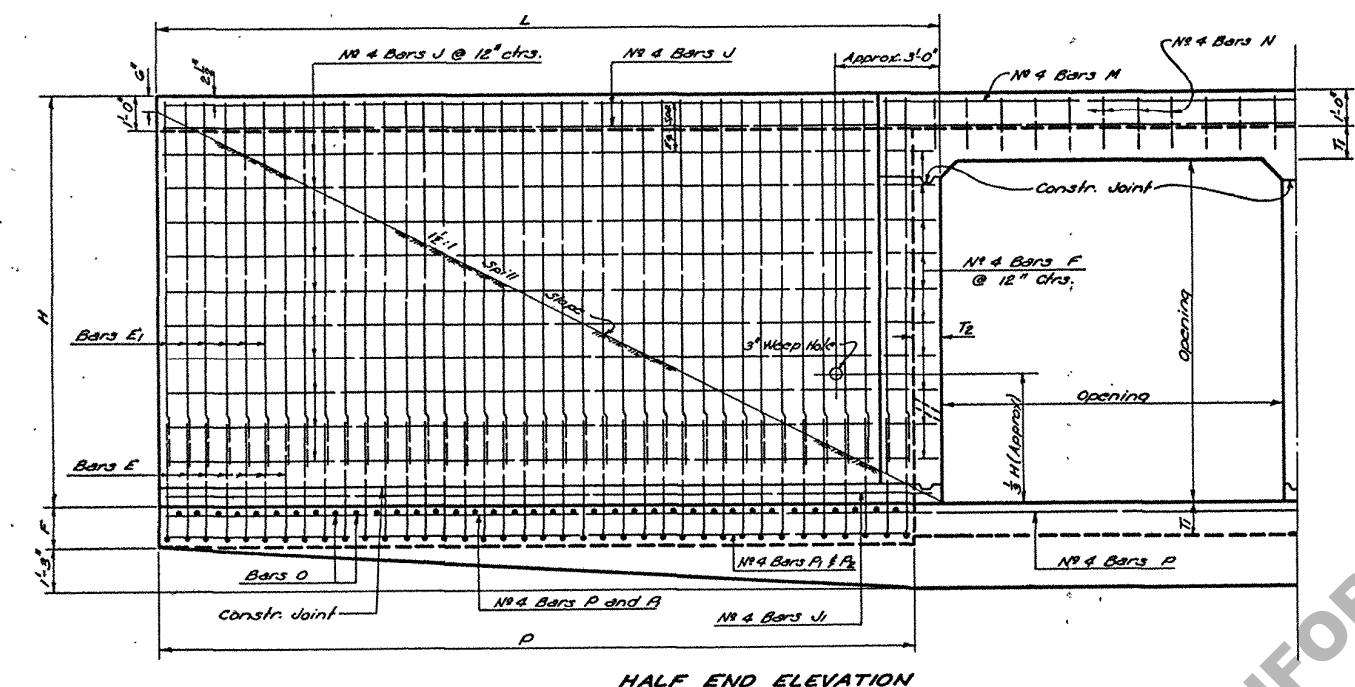
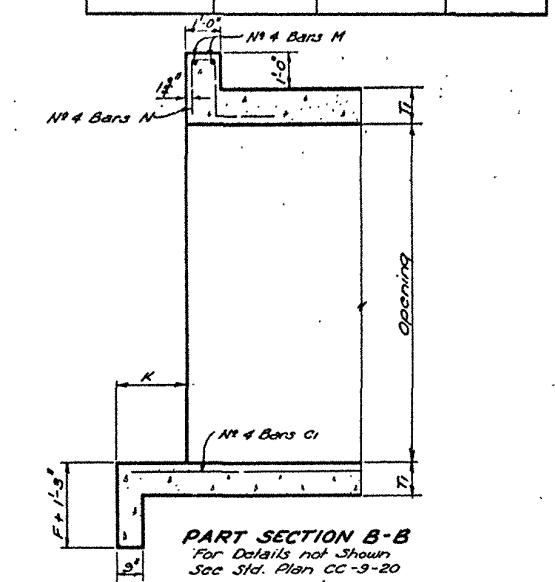
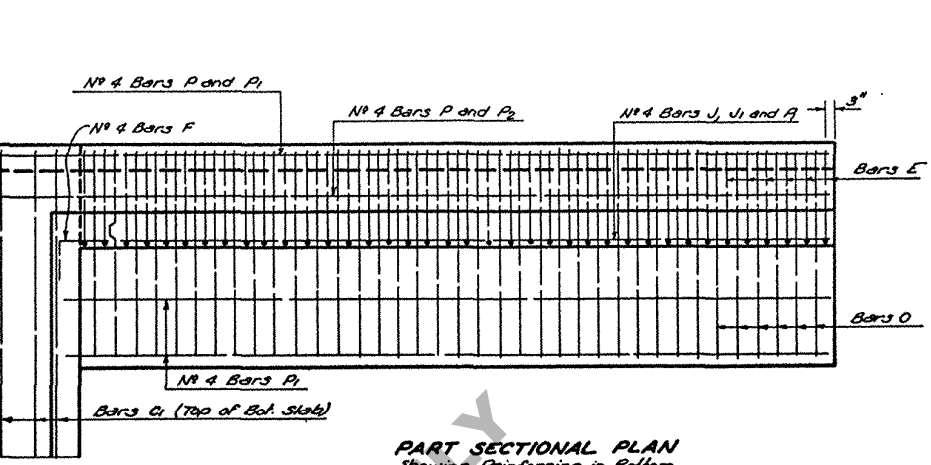
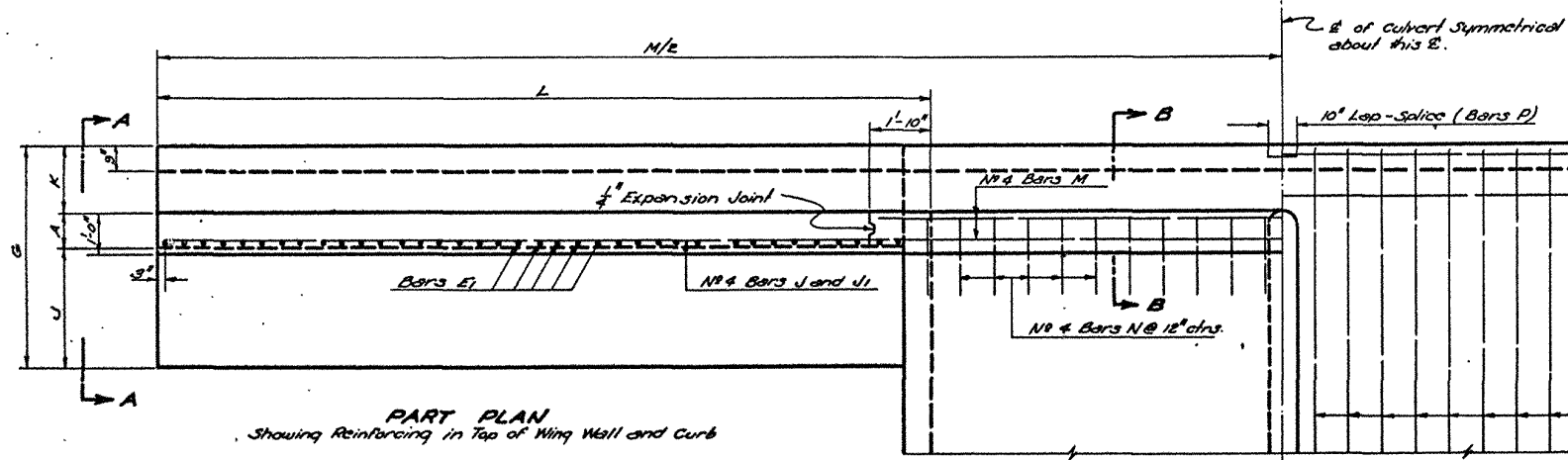




DIMENSIONS															QUANTITIES				OPENINGS	
OPENINGS		X		BARREL		WINGS AND CURB										PER LIN. FT. OF BARREL		FOR 44'-0" CULVERT		SIZE
SIZE	No.	Area	Max. Fill	T1	T2	A	K	J	G	L	H	F	M	P		STEEL	CONCRETE	STEEL	CONCRETE	
Feet		Sq. Ft.	Feet	In.	In.	In.	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet		Lbs.	Cu. Yds.	Lbs.	Cu. Yds.	Feet
7x7	2																			2
	3																			3
	4																			4
	5																			5
	6																			6
8x8	2																			2
	3																			3
	4																			4
	5																			5
	6																			6
9x9	2																			2
	3																			3
	4																			4
	5																			5
	6																			6
10x10	2	200	15	11 1/2	10	12	2-0	3-6	6-6	17-6	11-11 1/2	1-3	55-10	14-8	340.81	2.5416	19890	174.45	2	2
	3	300	15	11 1/2	10	12	2-0	3-6	6-6	17-6	11-11 1/2	1-3	66-8	16-8	503.56	3.6205	27516	227.71	3	3
	4	400	15	11 1/2	10	12	2-0	3-6	6-6	17-6	11-11 1/2	1-3	77-6	16-8	688.63	4.7154	36159	280.98	4	4
	5	400	15	11 1/2	10	12	2-0	3-6	6-6	17-6	11-11 1/2	1-3	88-4	16-8	855.36	5.8023	43967	334.25	5	5

GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS: Latest approved by Dept. of Highways Standard Specifications.
DESIGN SPECIFICATIONS: For Slabs and Culvert Walls, See Std. Plan CC-9-20. For Wing Walls and Footings, A.A.S.H.O. 1949 as amended to June 1950.
Reinforcement shall be Structural Intermediate, or Hard Grade, A.S.T.M. A15 or Rail Steel, A.S.T.M. A16. Concrete to be Class "A".
All exposed corners to be chamfered 3/4".
For details relative to Weap-Holes, Scouring, Bending Diagrams for Bars A, B and N, and any other information not shown See Std. Plan CC-9-20.
No. 4 Bars to be spliced 10' where necessary.

BILL OF REINFORCING STEEL FOR 44'-0" CULVERT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
OPENINGS		BARREL REINFORCEMENT														WING AND CURB REINFORCEMENT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
SIZE	No.	No. 6 BARS A			No. 6 BARS A1			No. 6 BARS B			No. 4 BARS C			No. 4 BARS C1			BARS D			BARS E			BARS E1			No. 4 BARS F			No. 4 BARS J			No. 4 BARS J1			No. 4 BARS N			BARS O			No. 4 BARS P			No. 4 BARS P1			No. 4 BARS P2			SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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* Lengths Given Include Splices.

VOID
RETRACED
12/21/61 R.g.m.

STANDARD PLAN REINFORCED CONCRETE BOX CULVERTS MULTIPLE OPENINGS - STRAIGHT HEADWALLS 7'x7' 8'x8' 9'x9' 10'x10' WINGS FOR 1 1/2:1 SPILL SLOPE			
DESIGNED G.A.H. DETAILED G.A.H. TRACED E.M.H. BY			
CHECKED W.O.W.R. CHECKED W.E.M. CHECKED D.P.H. BY			
BRIDGE DESIGN SECTION			