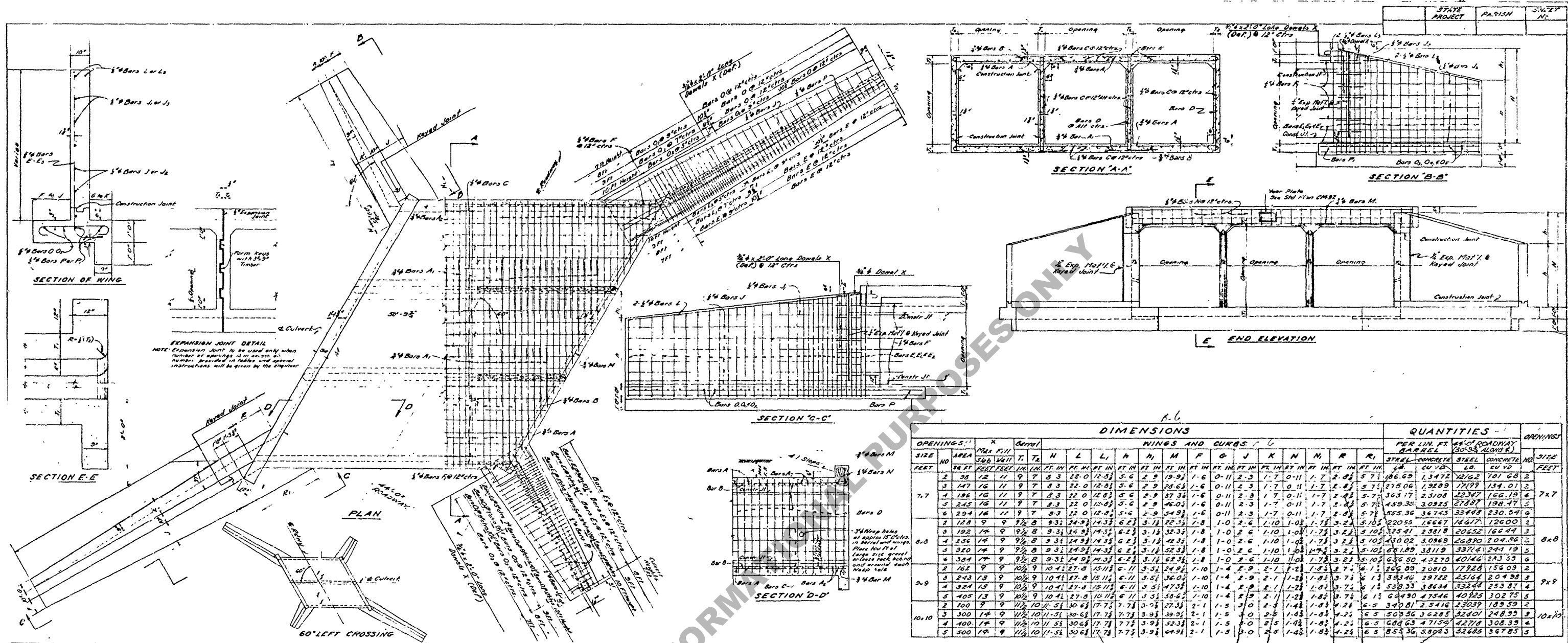




OPENINGS		DIMENSIONS																QUANTITIES				OPENINGS
		NO.	AREA	PER	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	STEEL	CONCRETE	STEEL	CONCRETE	
SIZE	NO.	AREA	PER	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	STEEL	CONCRETE	STEEL	CONCRETE	SIZE
7.7	1	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	7.7
8.0	1	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	8.0
9.9	1	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	9.9
10.10	1	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.10

OPENINGS		BILL OF STEEL FOR 4'-0" ROADWAY (50'-3" ALONG E)																WING REINFORCEMENT				OPENINGS
		NO.	AREA	PER	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	STEEL	CONCRETE	STEEL	CONCRETE	
7.7	1	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	7.7
8.0	1	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	8.0
9.9	1	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	9.9
10.10	1	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.0	1.0	10.10

GENERAL NOTES

Construction Specification: Latest Approved by Dept. of Highways.

Design Specifications: A.R.H.S.O., 1957, as Amended to Dec. 31, 1958.

Live Load: HS-20 (144,000 lbs.) (Modified). All Concrete to be Class "A".

All Exposed Corners to be Chamfered 3/4" Unless Otherwise Noted.

Reinforcement shall be Intermediate or Hard Grade, A.S.T.M. A15 or A155.

Reinforcing Bars shall be Lap Spliced. Lap to Bar Centers.

Place 2 cu ft. of Large Size Gravel or Loose Rock Behind & Around Each Weep Hole.

For Details of Joints, See Standard Plan CM-49.

When Culvert is Located at a Site Subject to Scour, the Culvert Walls shall be Made Impervious or Rip-Rap Placed Around Face of Culvert Walls to Prevent Scour.

STANDARD PLAN

MULTIPLE OPENINGS

REINFORCED CONCRETE BOX CULVERTS

7'-0" - 8'-0" - 9'-0" - 10'-0"

4:1 SLOPE

60' CROSSING

DESIGNED: J. M. P. CHECKED: G. M. P. DATED: JUNE, 1947

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED: J. M. P. CHECKED: G. M. P. DATED: JUNE, 1947

DESIGNED: J. M. P. CHECKED: G. M. P. DATED: JUNE, 1947