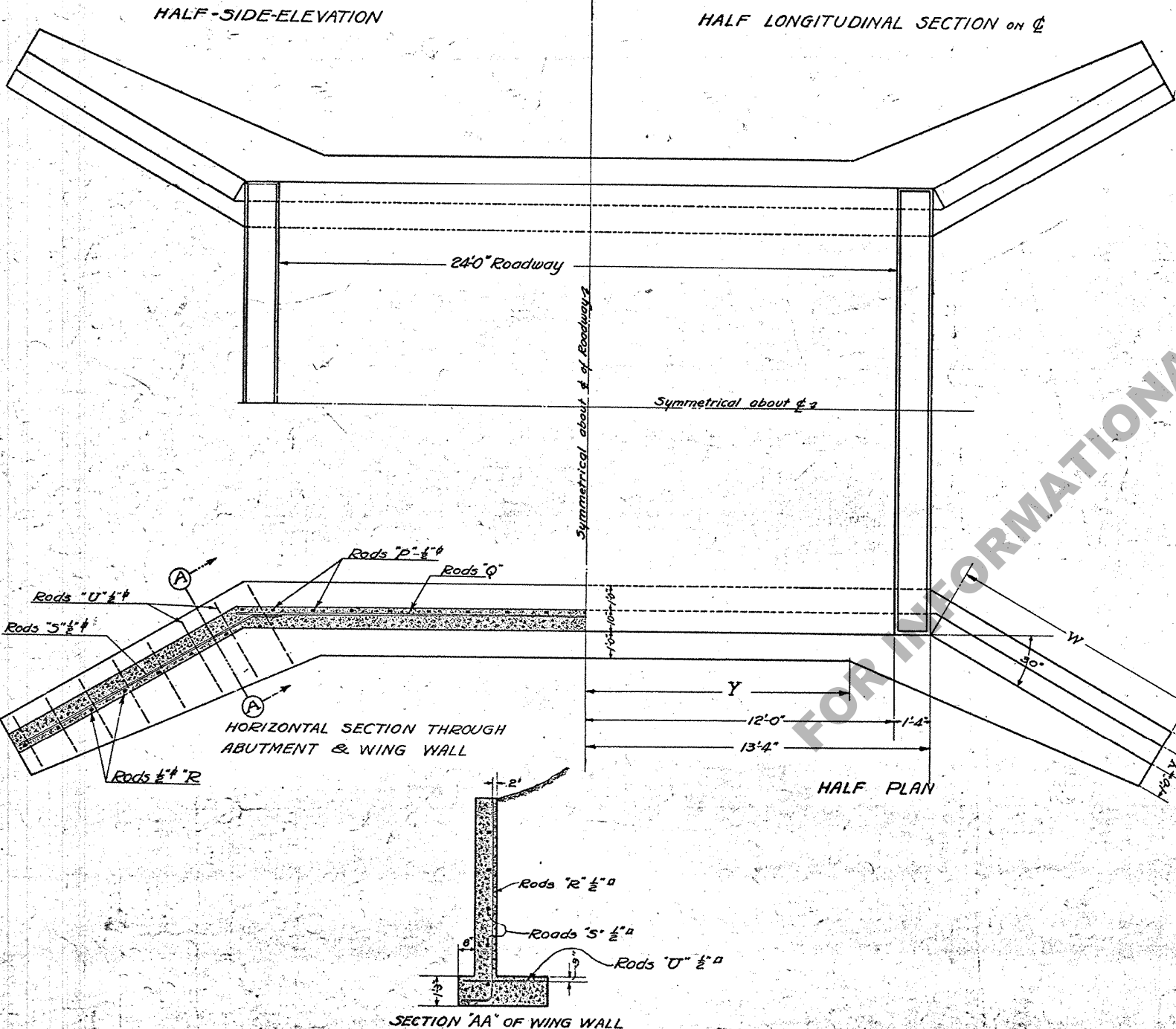
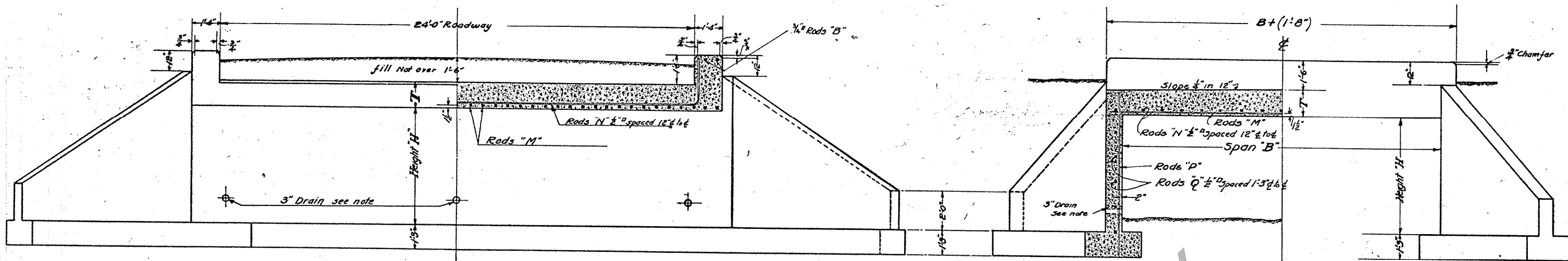




DIMENSIONS OF CULVERT	SLAB REINFORCING				SIDE WALLS REINFORCING				WING WALLS REINFORCING				HEAD WALLS			
	SPAN	HEIGHT	RODS "M"	RODS "N"	RODS "P"	RODS "Q"	RODS "R"	RODS "U"	RODS "S"	RODS "V"	RODS "W"	RODS "X"	RODS "Y"	RODS "Z"	RODS "A"	RODS "B"
12'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'
14'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'
16'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'
18'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'
20'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'

DIMENSION OF CULVERT	AREA	DIMENSIONS				PER. LIN. FT. OF BARREL		TOTAL QUANTITIES	
		T	W	Y	X	Steel	Concrete	Steel	Concrete
12'	5'	6'	7'	8'	9'	10'	11'	12'	13'
14'	5'	6'	7'	8'	9'	10'	11'	12'	13'
16'	5'	6'	7'	8'	9'	10'	11'	12'	13'
18'	5'	6'	7'	8'	9'	10'	11'	12'	13'
20'	5'	6'	7'	8'	9'	10'	11'	12'	13'

GENERAL REMARKS
 GENERAL SPECIFICATIONS- Louisiana Highway Commission Specifications.
 CONCRETE- All Concrete to be Class "A" (1:2:4 Mixture)
 CHAMFER- All Exposed Corners to be Chamfered 3/4"
 FOOTINGS- Footings shall be carried to such a depth as necessary to insure against Undermining by Scour and secure Firm Foundation.
 All exposed Surfaces to be given a Smooth Finish.
 Fill above Slab not to exceed the Maximum Height of 1'6"
 All dimensions referring to Bars are 1/4" to 1/2" of Bars.
 Reinforcing Bars should be Wired at Intersections and Properly Secured against Displacement during depositing of Concrete.

CONCRETE OPEN CULVERT
Flaring Wing Walls
SPANS 12 TO 20 FT.
24 Ft. Roadway
LOUISIANA HIGHWAY COMM.
BATON ROUGE LA.

APPROVED
 State Highway Engineer