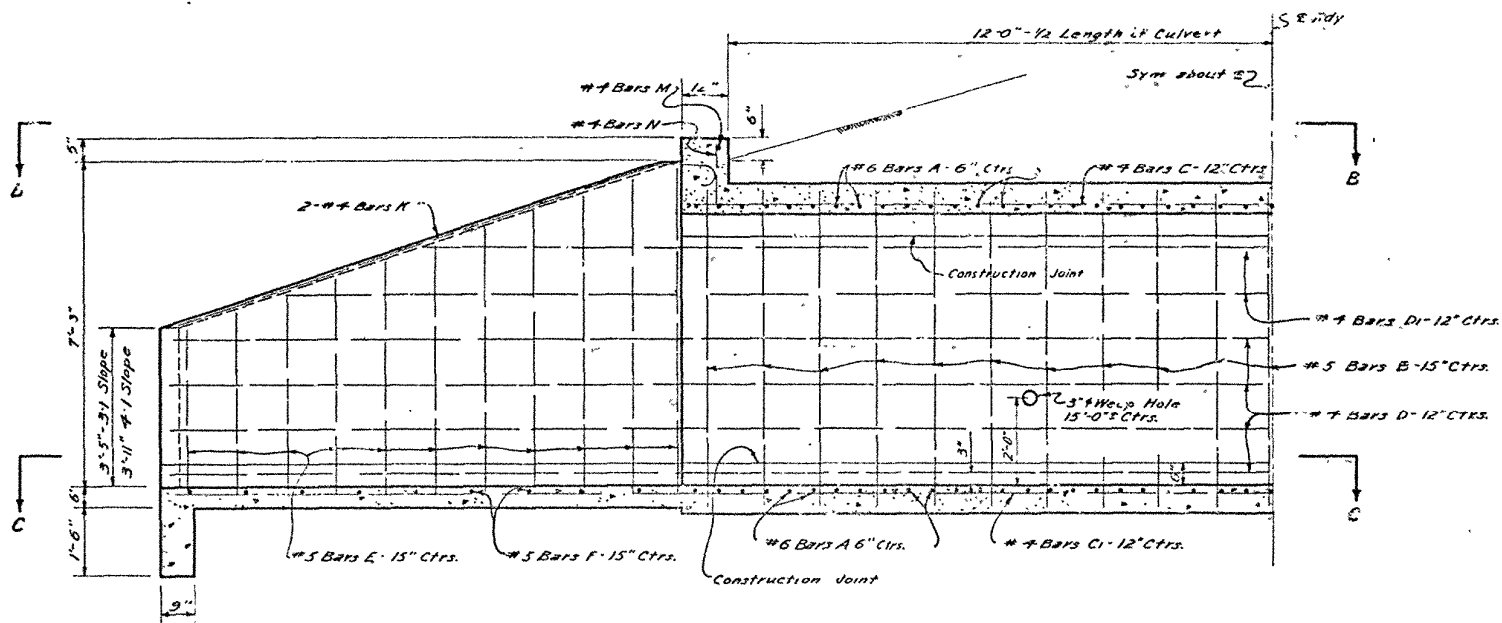
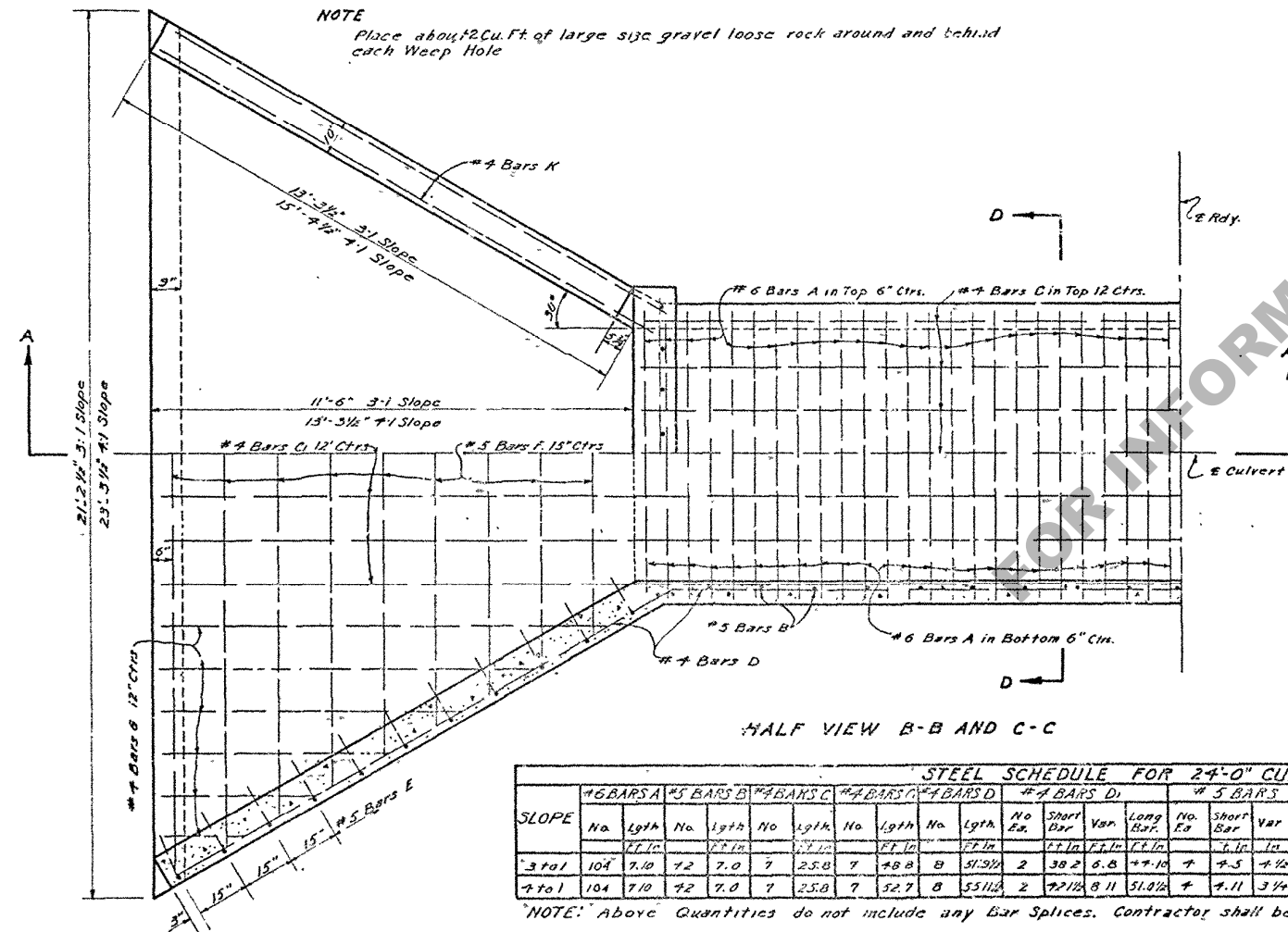




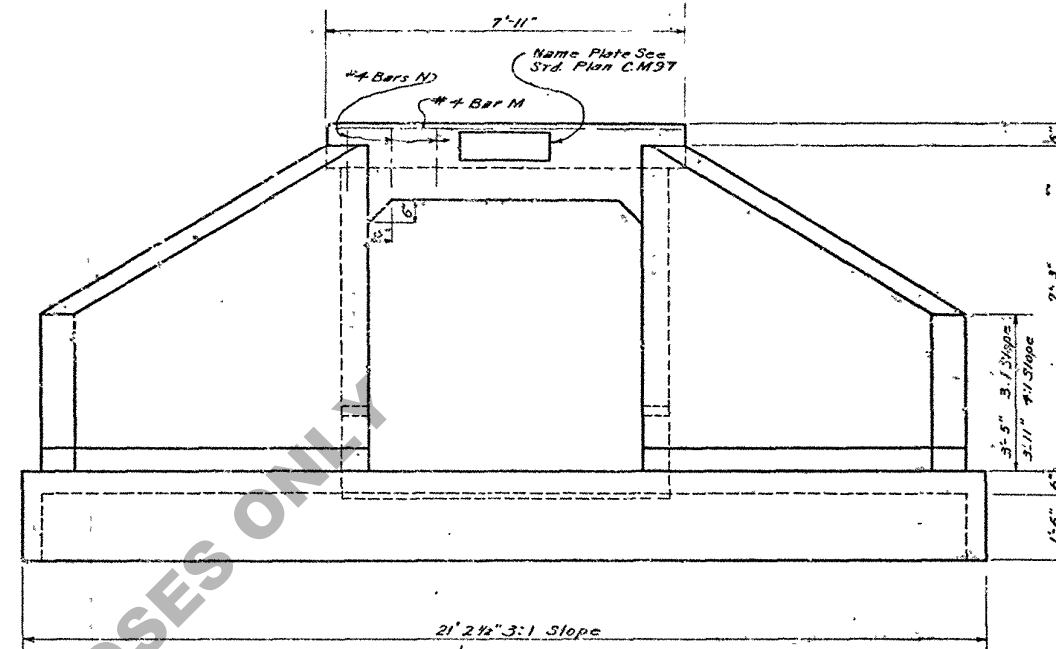
VIEW A-A

NOTE
Bars C-Ci-Di to be continuous from Wing to Wing up to 40'-0" length. Over 40'-0" they may be spliced within the Barrel but never at junction of wing and Barrel.

NOTE
Place about 2 Cu. Ft. of large size gravel loose rock around and behind each Weep Hole



HALF VIEW B-B AND C-C



END VIEW

21'-2 1/2" 3:1 Slope
23'-3 1/2" 4:1 Slope

3'-1 13'-2"
4'-1 15'-1"

Make this bend to fit in field

#4 Bars K

#6 Bars A (7'-10" Long)

#5 Bars F

Varies

6'-10"

1'-6"

1'-6"

1'-6"

1'-6"

1'-6"

1'-6"

1'-6"

1'-6"

1'-6"

1'-6"

1'-6"

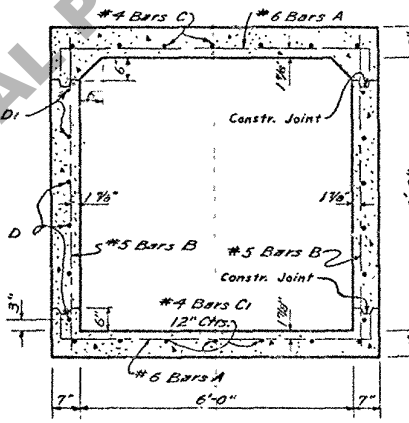
1'-6"

1'-6"

1'-6"

1'-6"

1'-6"



SECTION D-D

QUANTITIES FOR 24'-0" CULVERT			
SLOPE	REIN. STEEL	CONCRETE	
3:1	3034 LBS.	34.64	CU. YDS.
4:1	3272 LBS.	38.12	CU. YDS.
REIN. STEEL PER LIN. FT. BBL. 76.11 LBS.			
CONC. PER LIN. FT. BBL. 0.6667 CU. YDS.			

STEEL SCHEDULE FOR 24'-0" CULVERT																														
SLOPE	#6 BARS A		#5 BARS B		#4 BARS C		#4 BARS D		#4 BARS E		#5 BARS F		#4 BARS G		#4 BARS H		#4 BARS I		#4 BARS J		#4 BARS K		#4 BARS L		#4 BARS M		#4 BARS N			
	No.	Lgth.	No.	Lgth.	No.	Lgth.	No.	Lgth.	No.	Lgth.	No.	Lgth.	No.	Lgth.	No.	Lgth.	No.	Lgth.	No.	Lgth.	No.	Lgth.	No.	Lgth.	No.	Lgth.	No.	Lgth.		
	FE	FT	FE	FT	FE	FT	FE	FT	FE	FT	FE	FT	FE	FT	FE	FT	FE	FT	FE	FT	FE	FT	FE	FT	FE	FT	FE	FT		
3 to 1	104	7.10	72	7.0	7	25.0	7	48.0	8	51.0	2	38.2	6.6	4.5	4.5	8.2	2	8.7	1.5	20.3	4	2.3	1.9	12.0	8	14.8	2	7.9	16	1.1
4 to 1	104	7.10	72	7.0	7	25.0	7	52.7	8	55.1	2	42.1	8.1	5.0	5.0	8.2	2	9.9	1.5	22.7	4	2.3	1.9	12.9	8	16.7	2	8.7	16	1.1

NOTE: Above Quantities do not include any Bar Splices. Contractor shall be paid for one 35 diameter Splice for any Bar over 40'-0" in Length

GENERAL NOTES

Const. Specs. Latest approved La. Hwy. Dept. Std. Specs.
Design Specs. A.A.S.H.O. 1953 as amended to Dec 31, 1955.
Live Load: H20: S16: 44 (Modified)
All concrete to be class 'A'.
All exposed corners to have 3" chamfer unless otherwise noted.
Reinforcement shall be Intermediate or Hard Grade, A.S.T.M. A15,
or Rail Steel A.S.T.M. A16, conforming to A.S.T.M. A-305.
Dimensions relating to Reinforcing Steel are to bar centers.
For details of Expansion and Construction Joints, see Std. Plan C-M-49.

VOID
RETRACTED & CHECKED
CEA
4.9.58

MAX. FILL. SLAB 14"
W/ 15" 7'-0"

STANDARD PLAN
REIN. CONCRETE BOX CULVERT
FLARING WING WALLS
6'x6' OPENING
3:1 SLOPE & 4:1 SLOPE
DATED MAY 20 1957

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

NO.	DESCRIPTION	DATE
10-11-57	Bars A & D (Connections)	
3-4-57	Design for Interstate load	
5-4-57	Quant. for Interstate load	
DATE	REVISIONS	

DESIGNED	CHECKED	TRACED
GOY	GOY	GOY
BRIDGE DESIGN SECTION		