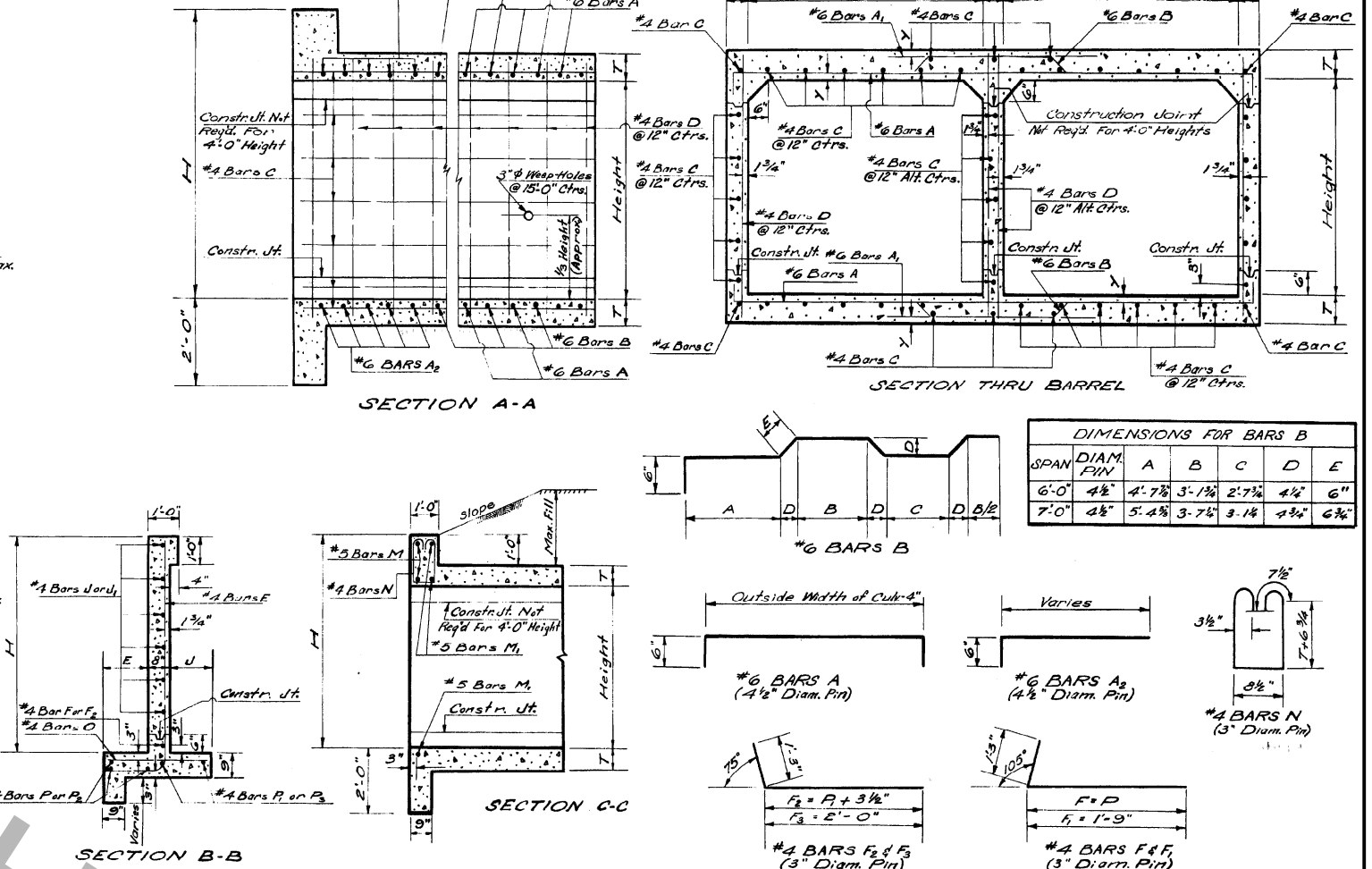
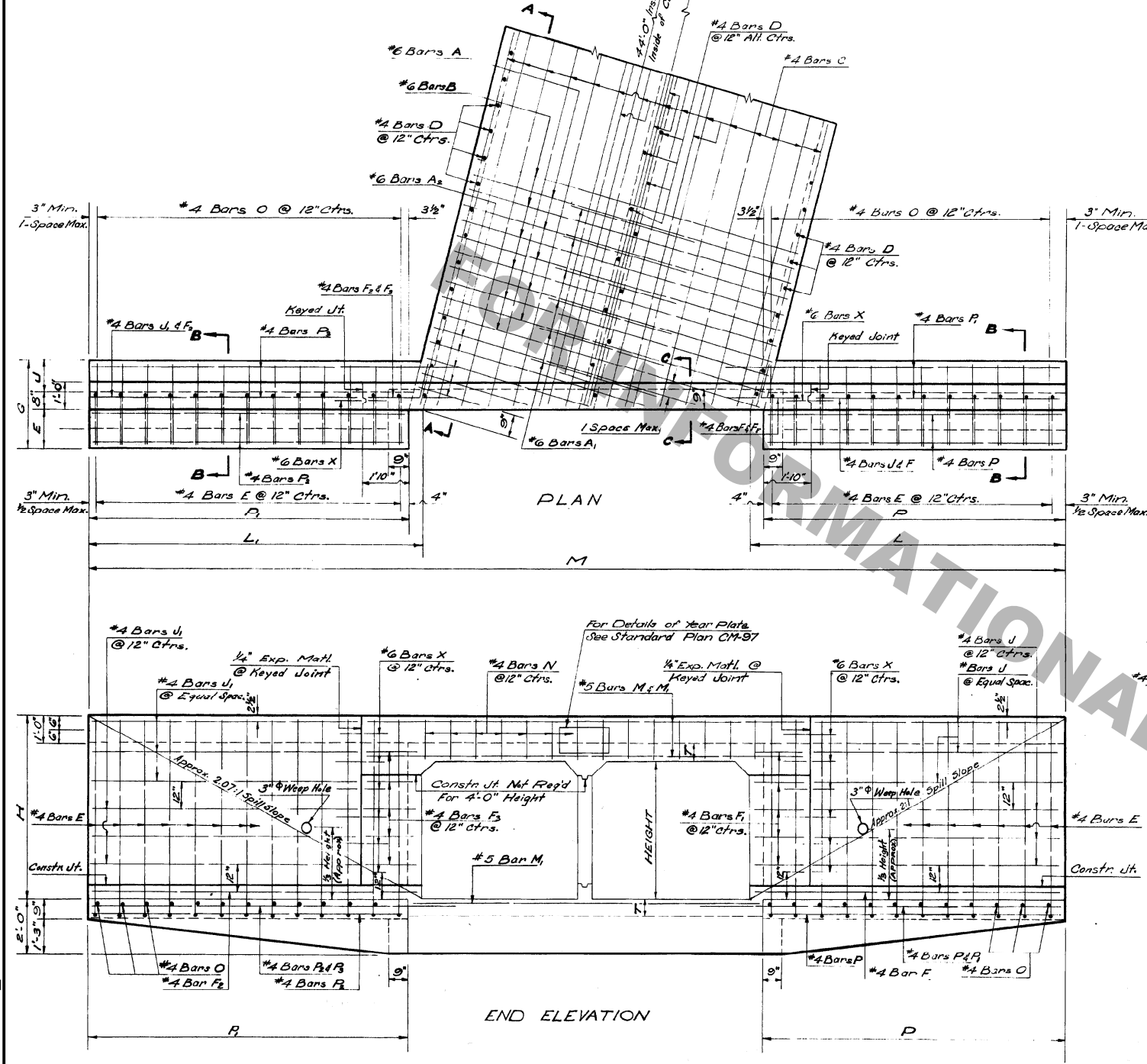


APPROVED BY: Dempsey D. White 1-5-78
CHIEF ENGINEER DATE



OPENINGS	MAX. FILL	BARREL												WINGS AND CURBS												QUANTITIES																																																									
		NO.	AREA	SLABS	WALLS	T	Y	E	J	G	H	L	L1	P	R	M	STEEL	CONCRETE	STEEL	CONCRETE	NO.	SIZE																																																													
6x4	2	74	14.2	14	32	5.2	14	20	3.0	26.2500	11.9	7	74	14.5	14	46	47.2	138	5.0	42	7-6	2	11-1	8	3-0	2	12-1/2	8	3-3	10	7-8	10	8-5	42	2-4	6	9-6	4	11-1	6	10-3	4	12-3	28	4-5	4	17-1	6	15-7	24	2-0	42	4-5	4	23-10	6	20-4	20	2-0	56	4-5	4	30-6	6	27-1	20	2-0	68	4-5	4	37-3	6	33-9	20	2-0	82	4-5	4	45-10	6	42-4	20	2-0

BILL OF REINFORCING STEEL FOR 44'-0" CULVERT

BARREL REINFORCEMENT												CURBS AND WINGS REINFORCEMENT																																							
OPENINGS	#6 BARS A	#6 BARS A1	#6 BARS A2	#6 BARS B	#4 BARS O	#4 BARS D	#4 BARS E	#4 BARS F	#4 BARS F1	#4 BARS F2	#4 BARS F3	#4 BARS J	#4 BARS U	#4 BARS O	#4 BARS P	#4 BARS P1	#4 BARS P2	#4 BARS P3	#4 BARS N	#5 BARS M	#5 BARS M1	#5 BARS M2	#5 BARS X																												
SIZE	NO.	Length	Spac.	NO.	Length	Spac.	NO.	Length	Spac.	NO.	Length	Spac.	NO.	Length	Spac.	NO.	Length	Spac.	NO.	Length	Spac.	NO.	Length	Spac.																											
6x4	2	74	14.2	14	32	5.2	14	20	3.0	26.2500	11.9	7	74	14.5	14	46	47.2	138	5.0	42	7-6	2	11-1	8	3-0	2	12-1/2	8	3-3	10	7-8	10	8-5	42	2-4	6	9-6	4	11-1	6	10-3	4	12-3	28	4-5	4	17-1	6	15-7	24	2-0

General Notes:
Construction Specifications: Latest Approved La. Dept. of Highway Standards Specifications.
Design Specifications: A.A.S.H.O. 1961 As Amended by Int. Spec. 1964.
Live Load: H.S. 20-44 or Military; Whichever is Greater.
All Concrete to Be Class "A".
All Exposed Corners to Have 3/8" Chamfer Unless Otherwise Noted.
Reinforcement shall be Billet Steel A.S.T.M. A 615 or Rail Steel A.S.T.M. A 616 or Axle Steel A.S.T.M. A 617.
Dimensions Relating to Reinforcing Steel are to Bar Centers.
A 1'-6" Square of Plastic Filter Cloth (See Qualified Products List) shall be placed in contact with concrete behind each Weep Hole, in addition to approx. 2 cu. ft. of concrete sand.
For Detail of Joints, See Std. Plan C.M.-49.

CC-S-M-6-7-R-75-1

STANDARD PLAN
MULTIPLE OPENINGS
REINFORCED CONCRETE BOX CULVERT

STRAIGHT WINGS 75° CROSSING
2:1 SPILL SLOPE, NORMAL TO CHANNEL

DESIGNED BY: N.E.M. CHECKED BY: N.K.B.
DATE: 1-5-78