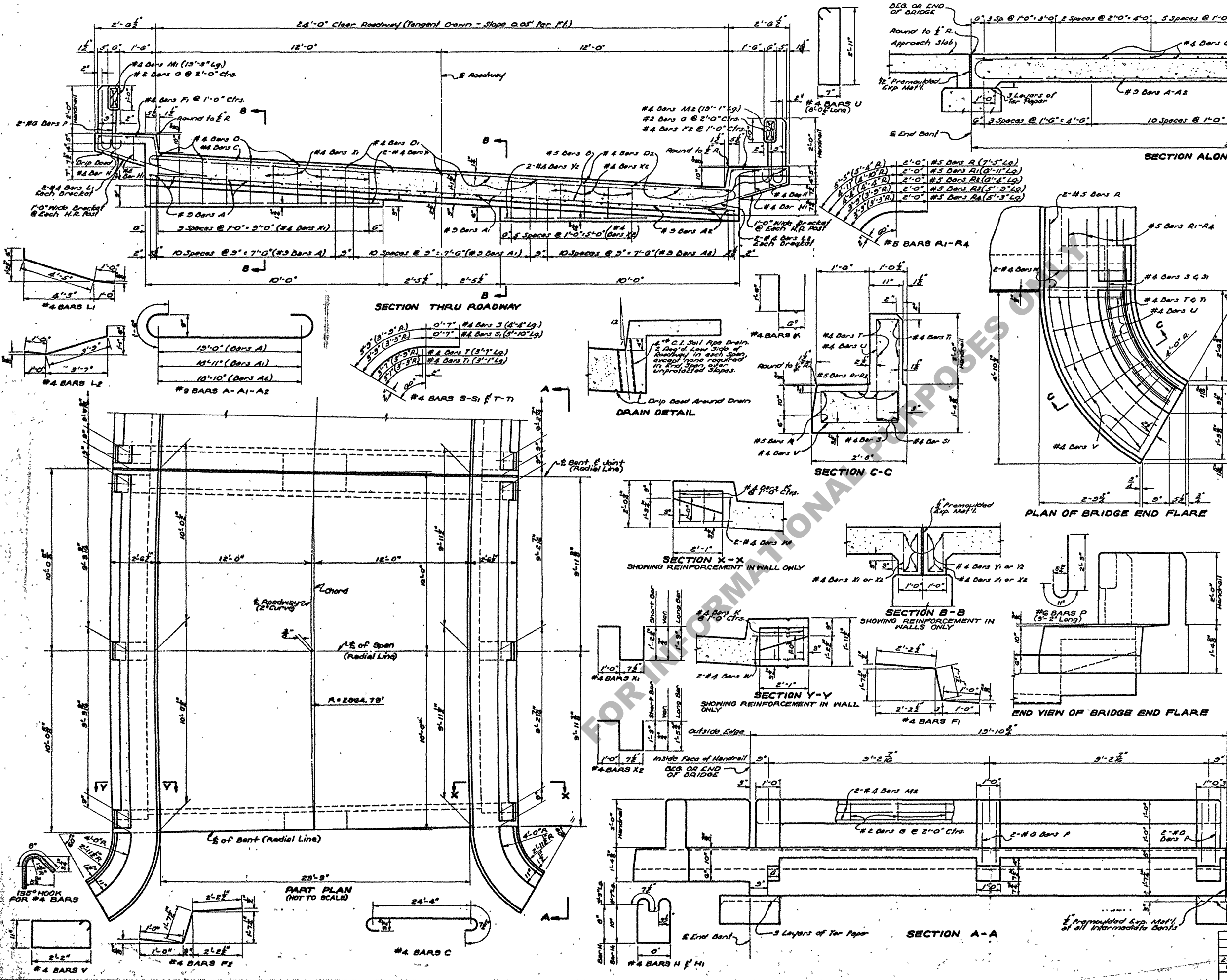




BILL OF MATERIAL									
BAR	SIZE	END SPAN			INTERMEDIATE SPAN			LOCATION	
		N ^o	UNIT LENGTH	TOTAL LENGTH	N ^o	UNIT LENGTH	TOTAL LENGTH		
A	#9	12	22'-0"	264'-0"	12	22'-0"	264'-0"	Length in Slab	
A ₁	✓	11	21'-11"	241'-1"	11	21'-11"	241'-1"	✓ ✓ ✓	
A ₂	✓	12	21'-10"	262'-0"	12	21'-10"	262'-0"	✓ ✓ ✓	
TOTAL #9 BARS =		767'-1" = 2608 LBS.			767'-1" = 2608 LBS.				
B	#5	17	24'-8"	419'-4"	17	24'-8"	419'-4"	Transv. in Slab	
R	✓	4	7'-5"	29'-8"				End Flares	
R ₁	✓	2	6'-11"	13'-10"				✓ ✓	
R ₂	✓	2	6'-4"	12'-8"				✓ ✓	
R ₃	✓	2	5'-9"	11'-6"				✓ ✓	
R ₄	✓	2	5'-3"	10'-6"				✓ ✓	
TOTAL #5 BARS =		497'-6" = 519 LBS.			419'-4" = 437 LBS.				
C	#4	16	25'-7"	409'-4"	16	25'-7"	409'-4"	Transv. in Slab	
D	✓	7	19'-9"	138'-3"	7	19'-9"	138'-3"	Length in Slab, Curb & Sidewalk	
D ₁	✓	5	19'-8"	98'-4"	5	19'-8"	98'-4"	Length in Slab	
D ₂	✓	7	19'-7"	137'-1"	7	19'-7"	137'-1"	Length in Slab, Curb & Sidewalk	
F ₁	✓	20	4'-10"	96'-8"	20	4'-10"	96'-8"	Transv. in Slab, Curb & Sidewalk	
F ₂	✓	20	4'-10"	96'-8"	20	4'-10"	96'-8"	Transv. in Slab, Curb & Sidewalk	
H	✓	6	3'-3"	19'-6"	6	3'-3"	19'-6"	HR. Rest Brackets	
H ₁	✓	6	3'-7"	21'-6"	6	3'-7"	21'-6"	✓ ✓ ✓	
K	✓	4	3'-6"	14'-0"				End Walls	
L ₁	✓	6	5'-11"	35'-6"	6	5'-11"	35'-6"	HR. Rest Brackets	
L ₂	✓	6	5'-3"	31'-6"	6	5'-3"	31'-6"	✓ ✓ ✓	
S	✓	2	4'-4"	8'-8"				End Flares	
S ₁	✓	2	3'-10"	7'-8"				✓ ✓	
V	✓	12	7'-2 1/2"	86'-6"				✓ ✓	
W	✓	8	2'-4"	18'-8"				End Walls	
X ₁	✓	20	See Detail	91'-3"	20	See Detail	91'-3"	End Walls - Lt. E	
X ₂	✓	12	See Detail	51'-3"	12	See Detail	51'-3"	End Walls - Rt. E	
Y ₁	✓	8	9'-6"	76'-0"	8	9'-6"	76'-0"	End Walls - Lt. E	
Y ₂	✓	8	5'-6"	44'-0"	8	5'-6"	44'-0"	End Walls - Rt. E	
TOTAL #4 BARS =		1482'-4" = 990 LBS.			1346'-10" = 900 LBS.				
ITEMS					END SPAN		INTER. SPAN		
CLASS "A" CONCRETE, Cu. Yds.					24.94		23.63		
DEF. REINFORCING STEEL, Lbs.					4117		3948		
CONCRETE HANDRAIL, Lin. Ft.					47.38		39.00		

GENERAL NOTES:
 CONSTRUCTION SPECIFICATIONS: LATEST APPROVED LOUISIANA DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS.
 DESIGN SPECIFICATIONS: A.A.S.H.O. 1944, AS AMENDED TO DEC. 15, 1946.
 DESIGN TAKEN FROM STD. PLAN C.F.S. 2-15 (LINE LOAD 115' - 44').
 EXPOSED CORNERS TO BE CHAMFERED 3/4" UNLESS OTHERWISE NOTED.
 REINFORCEMENT BARS SHALL BE STRUCTURAL, INTERMEDIATE, OR HARD GRADE, A.S.T.M. A15 OR RAIL STEEL, A.S.T.M. A16.
 DIMENSIONS RELATING TO REINFORCING STEEL ARE TO BAR CENTERS.
 1/2" PREMOULDED EXPANSION MATERIAL AND TAR PAPER TO BE INCLUDED IN PRICE BID FOR CONCRETE.
 CONCRETE AND REINFORCING STEEL IN HANDRAIL (INCLUDING FLARE HANDRAIL) ABOVE TOP OF SIDEWALK TO BE PAID FOR PER LIN. FT. OF HANDRAIL. THIS INCLUDES BARS R₁, M₁, M₂, G₁, T₁, T₂, RAIL AND POST TO BE POURED IN ONE OPERATION.

DISCARD 11-59

STANDARD PLAN
 20'-0" CONC. SLAB SPAN ON 2° CURVE: HIS LOADS
 24'-0" CLEAR ROADWAY; 2'-11/2" SIDEWALKS
 TO BE USED WITH STD. PLAN C.S. 204-15 (BENTS) AND C.M. 155 (APPROACH SLAB)

DATE: July, 1953

STATE OF LOUISIANA
 DEPARTMENT OF HIGHWAYS

DESIGNED	BY	TRACED	BY
CHECKED	BY	CHECKED	BY
DATE	REVISIONS	DATE	REVISIONS

BRIDGE DESIGN SECTION
C.F.S. 5-15