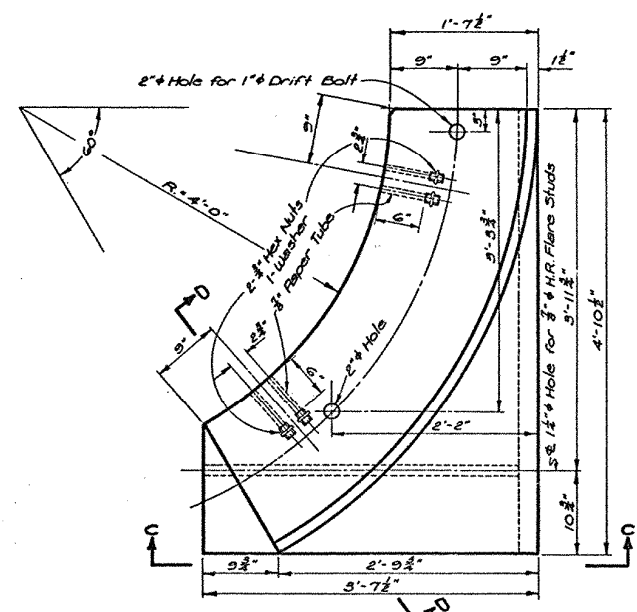
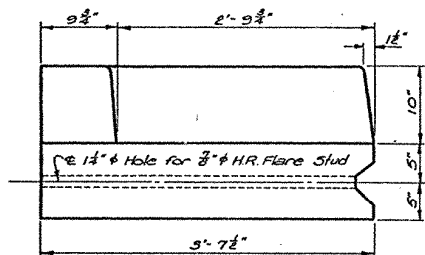
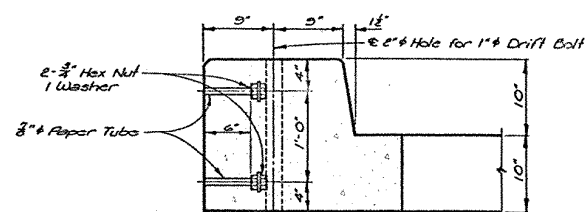




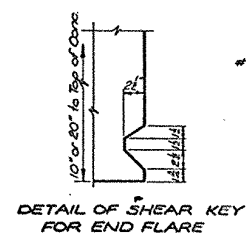
PLAN OF LEFT END FLARE
(RIGHT END FLARE SIMILAR BUT OPPOSITE HAND)



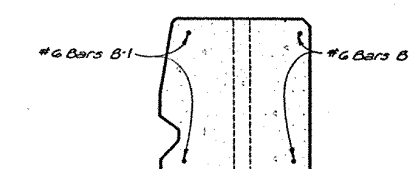
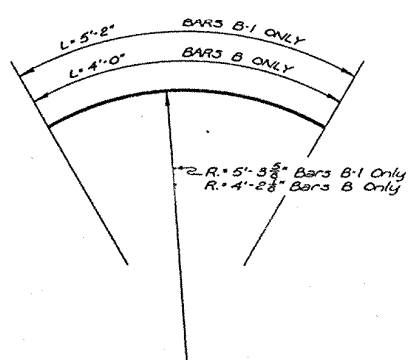
SECTION C-C



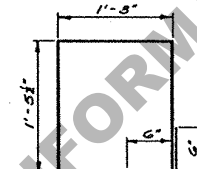
SECTION D-D



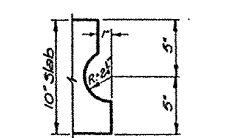
DETAIL OF SHEAR KEY FOR END FLARE



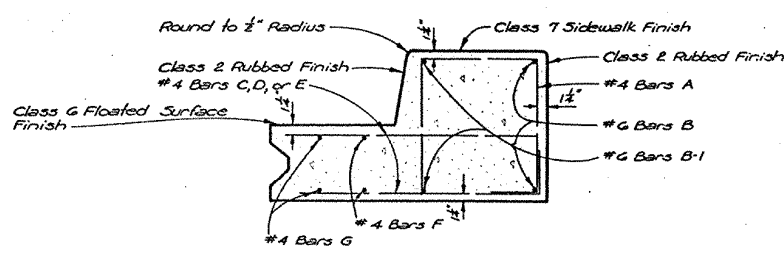
SECTION B-B



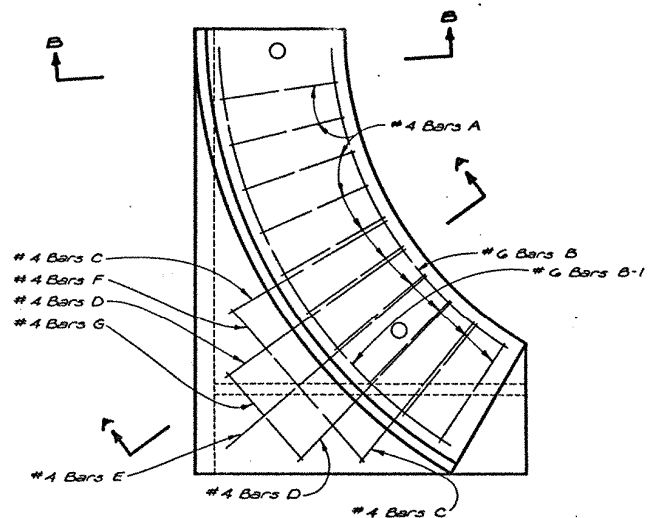
SECTION 4 BARS A



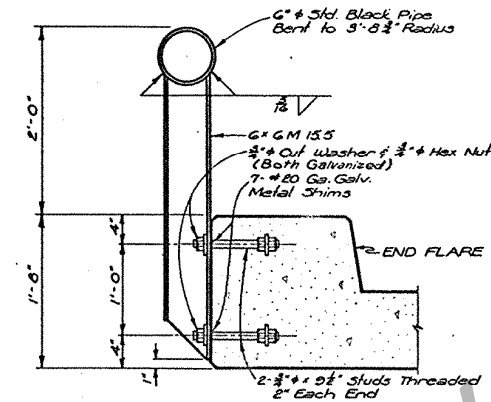
DETAIL OF ALTERNATE SHEAR KEY FOR END FLARE



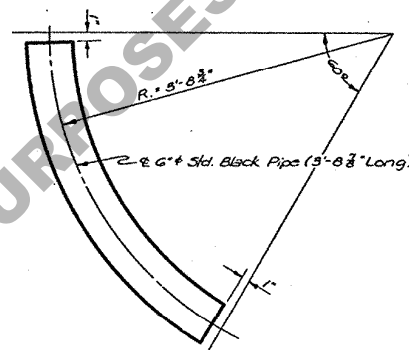
SECTION A-A



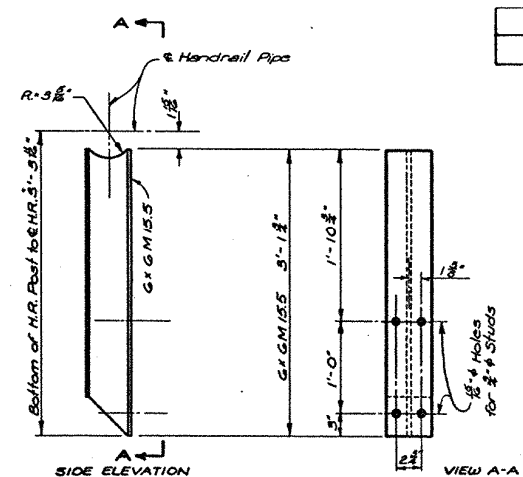
REINFORCING PLAN OF RIGHT END FLARE
(REINFORCING FOR LEFT END FLARE SIMILAR BUT OPPOSITE HAND)



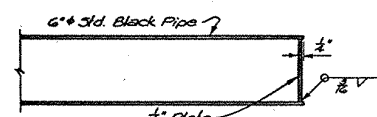
SECTION SHOWING HANDRAIL



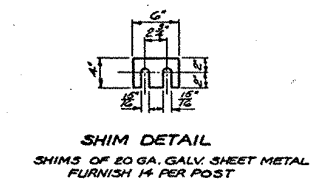
DETAIL OF HANDRAIL PIPE FOR END FLARE



DETAILS OF HANDRAIL POSTS



DETAIL AT END OF PIPE HANDRAIL



SHIM DETAIL
SHIMS OF 20 GA. GALV. SHEET METAL
FURNISH 14 PER POST

HANDRAIL NOTES:
6\"/>

NOTE:
EACH UNIT SHALL HAVE AN IDENTIFICATION MARK AND NUMBER STAMPED IN THE CONCRETE. THE MANUFACTURER SHALL OBTAIN APPROVAL OF HIS IDENTIFICATION MARK AND NUMBER SERIES FROM THE TESTING AND RESEARCH ENGINEER.

NOTE:
All hardware to be plain unless otherwise noted.

BILL OF MATERIAL FOR ONE END FLARE					2 LEFT FLARES (2 RT. FLARES REQD. PER BS)
BAR	SIZE	Nº	LENGTH	TOTAL LENGTH	LOCATION
B	#6	2	4'-0"	8'-0"	Radial Curve in Curb
B-1	#6	2	5'-2"	10'-4"	Radial Curve in Curb
TOTAL #6 BARS					18'-4" = 28 LBS.
C	#4	4	1'-11"	7'-8"	Radial in Base
D	#4	4	2'-4"	9'-4"	Radial in Base
E	#4	2	2'-10"	5'-8"	Radial in Base
F	#4	2	2'-4"	4'-8"	Base
G	#4	2	1'-4"	2'-8"	Base
A	#4	10	6'-5"	64'-2"	Tie from Curb to Base
TOTAL #4 BARS					94'-2" = 63 LBS.
TOTAL REINF. STEEL					91 LBS.
TOTAL CLASS "X" CONCRETE					0.62 CU. YDS.
TOTAL 3/8" HEX NUTS (HARDWARE)					16 EA.
TOTAL 3/8" CUT WASHERS (HARDWARE)					8 EA.

PIPE HANDRAIL QUANTITIES	
ONE END FLARE	3.74 LIN. FT.

STANDARD PLAN PRECAST CONCRETE END FLARE TO BE USED WITH PRECAST CONCRETE SPANS STD. PLANS C.F.S. 8-158 C.F.S. 17-20 DATED Feb. 15, 1957		
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS		
DESIGNED	DETAILED <i>E. Jones</i>	TRACED <i>J. Salzman</i>
CHECKED <i>E. Jones</i>	CHECKED <i>E. Jones</i>	CHECKED <i>E. Jones</i>
BRIDGE DESIGN SECTION		