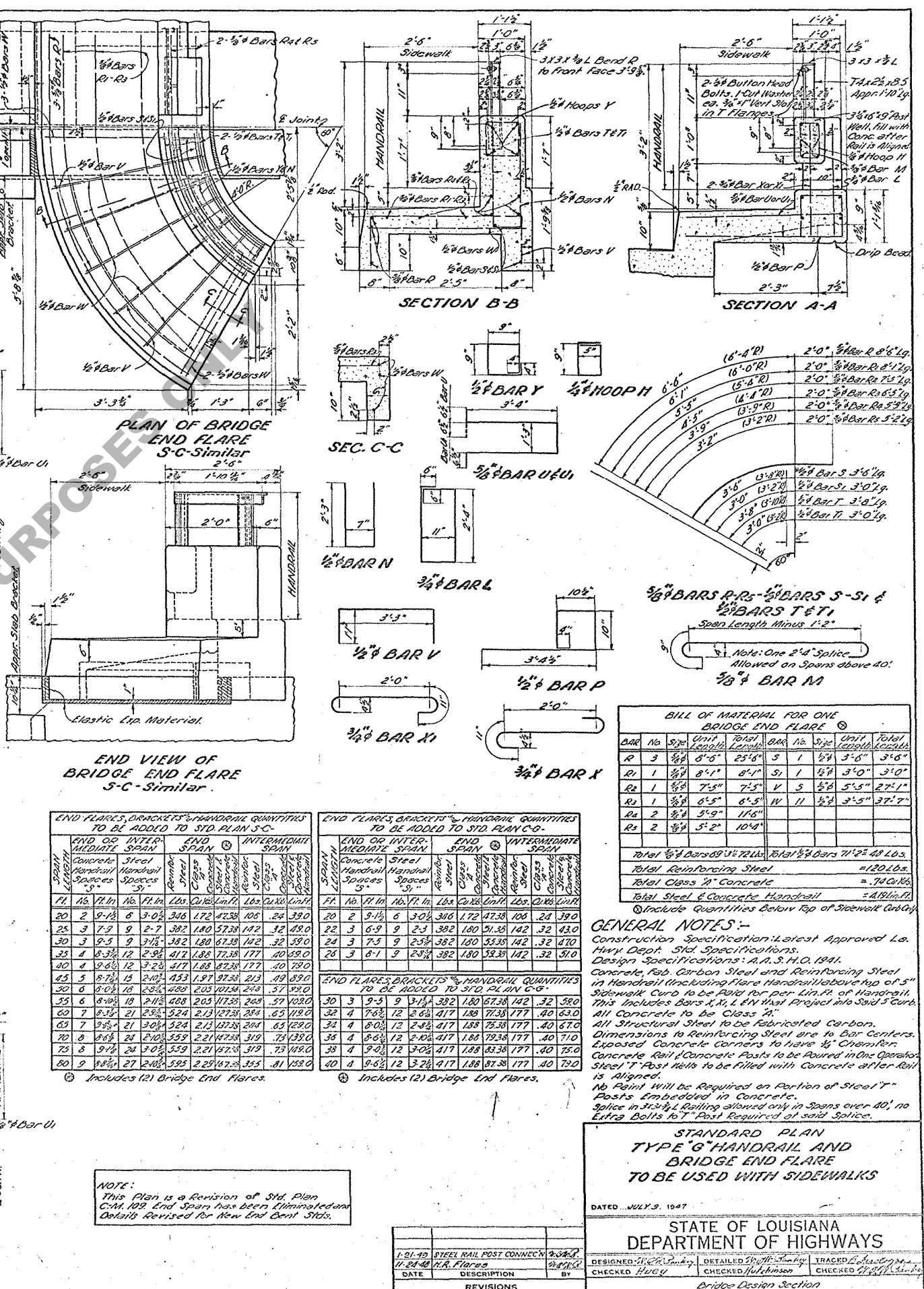
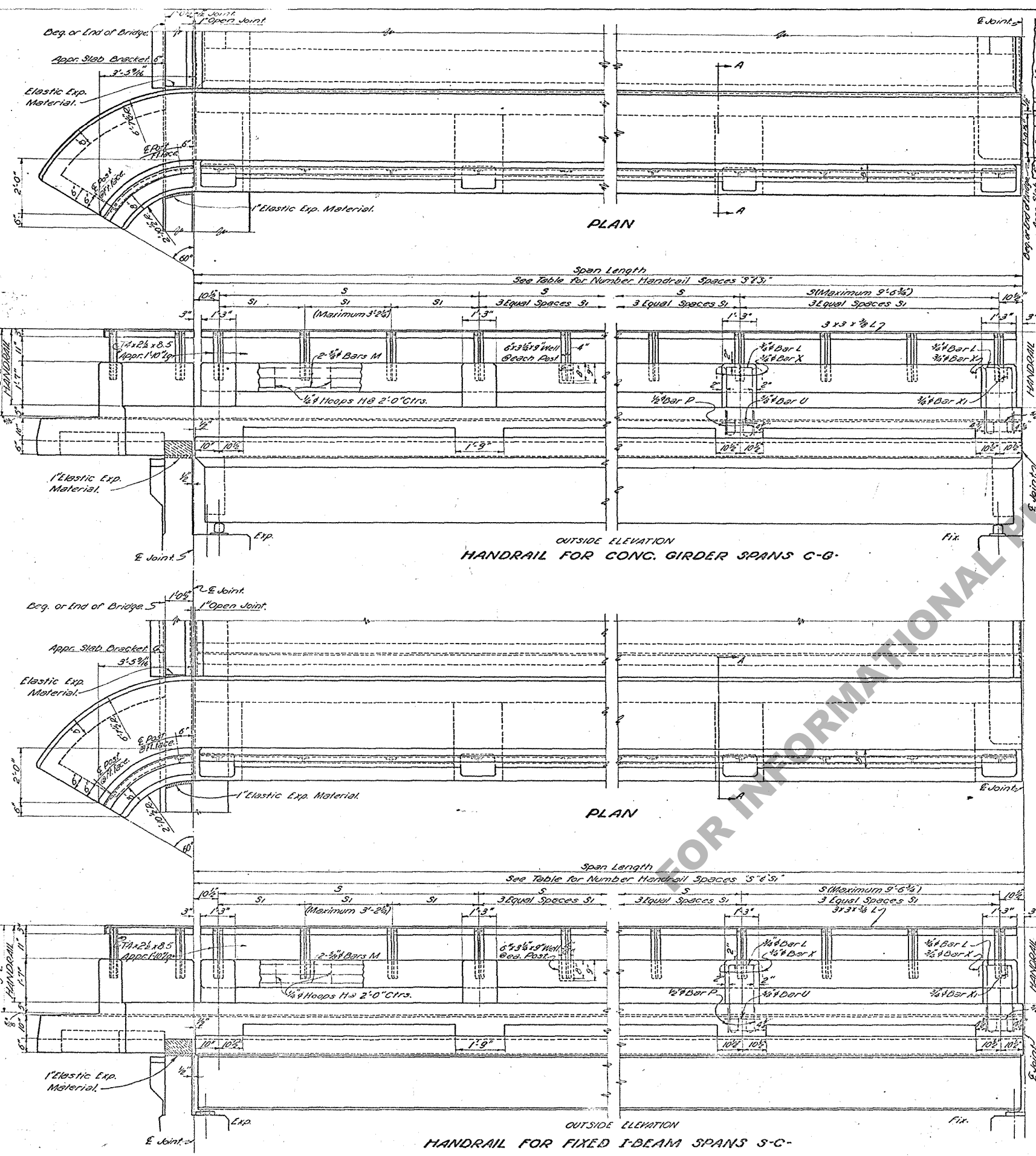




BILL OF MATERIAL FOR ONE BRIDGE END FLARE

BAR NO.	SIZE	UNIT	LENGTH	BAR NO.	SIZE	UNIT	LENGTH
R	3/8"	ft	25.6'	S	1/2"	ft	3.6'
R1	1/2"	ft	8.1'	S1	1/2"	ft	3.0'
R2	1/2"	ft	7.5'	V	5/8"	ft	2.7'
R3	1/2"	ft	6.5'	W	1/2"	ft	3.5'
R4	2/3"	ft	5.9'				
R5	2/3"	ft	5.2'				
Total 1/2" Bars 69' 3 3/4" = 72' 1 1/4"				Total 5/8" Bars 11' 2 1/2" = 12' 5"			
Total Reinforcing Steel = 120' 10 1/2"				Total Class II Concrete = 74 Cu Yds			
Total Steel & Concrete Handrail = 418 Cu Yds				Include Quantities Below Top of Sidewalk & Curb			

GENERAL NOTES:
Construction Specification: Latest Approved La. Hwy. Dept. Std. Specifications.
Design Specifications: A.A.S.H.O. 1941.
Concrete, Reb. Carbon Steel and Reinforcing Steel in Handrail (Including Flare Handrail) above top of 5" Sidewalk Curb to be paid for per Lin. Ft. of Handrail. This includes Bars X, Y, L, EN that Project into Said 5" Curb. All Concrete to be Class A.
All Structural Steel to be Fabricated Carbon. Dimensions to Reinforcing Steel are to Bar Centers. Exposed Concrete Corners to have 1/4" Chamfer. Concrete Rail & Concrete Posts to be Paired in One Operation. Steel T-Post Nails to be Filled with Concrete after Rail is Aligned.
No Paint Will be Required on Portion of Steel "T" Posts Embedded in Concrete.
Splice in 3/8" L Railing allowed only in Spans over 40', no Extra Bolts to T-Post Required at said Splice.

STANDARD PLAN TYPE 'G' HANDRAIL AND BRIDGE END FLARE TO BE USED WITH SIDEWALKS

DATE: JULY 9, 1947

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED	CHECKED	TRACED
W. C. Smith	H. G. Hugg	W. C. Smith
W. C. Smith	H. G. Hugg	W. C. Smith

Bridge Design Section

NOTE:
This Plan is a Revision of Std. Plan C-M-109. End Span has been Eliminated. Details Revised for New End Bent Stds.

NO.	DESCRIPTION	DATE
1-21-47	STEEL RAIL POST CONNECTION	7-9-47
2-24-47	H.R. Flares	7-9-47