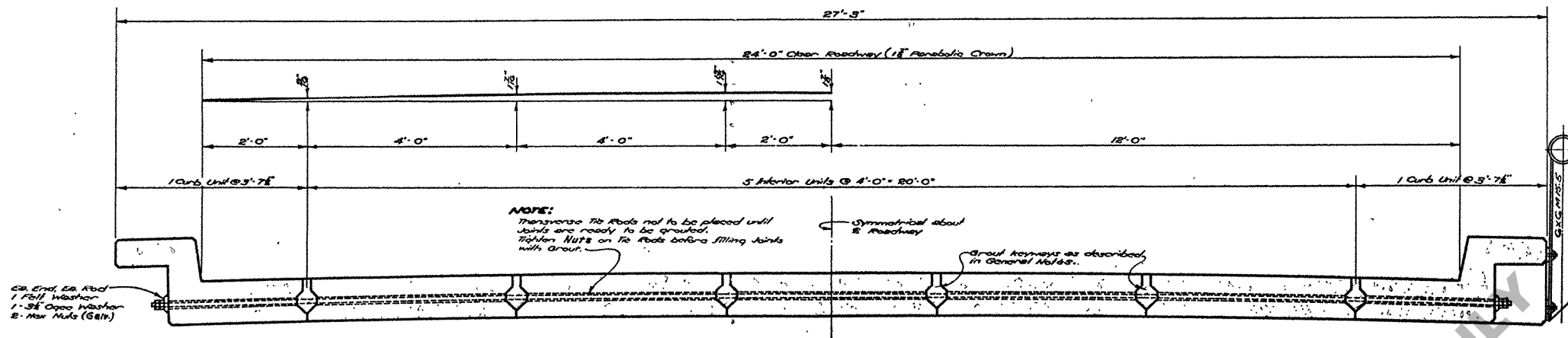
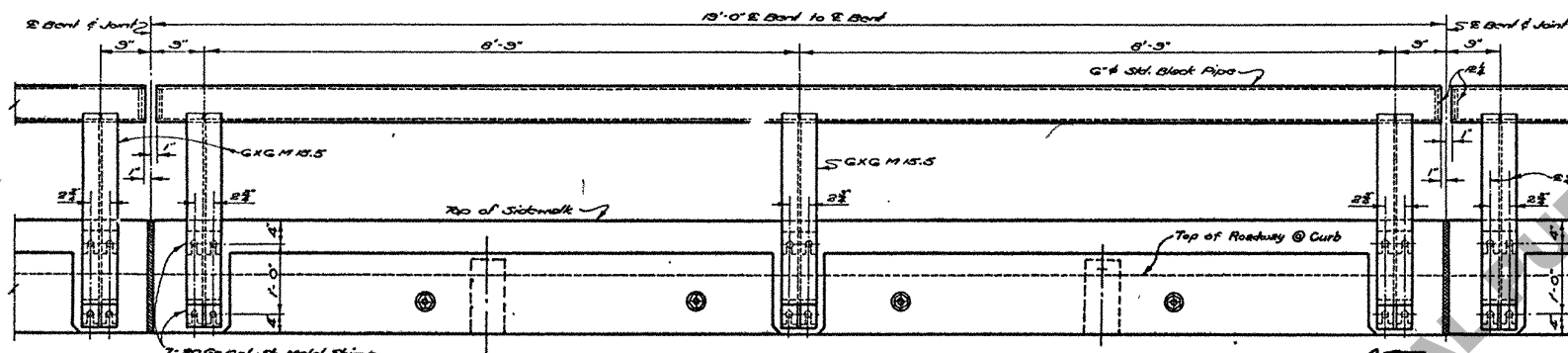


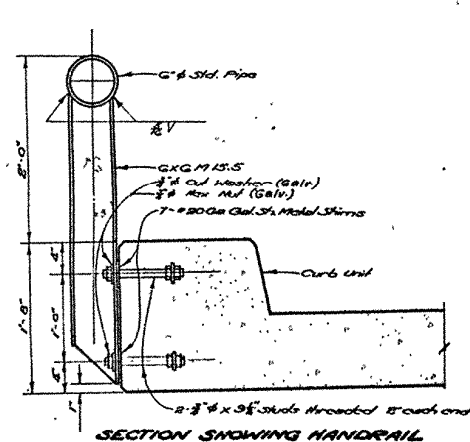


HALF SECTION THRU ROADWAY BETWEEN HANDRAIL POSTS

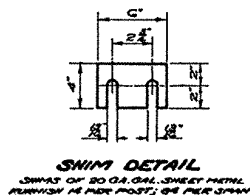
HALF SECTION THRU ROADWAY AT HANDRAIL POSTS



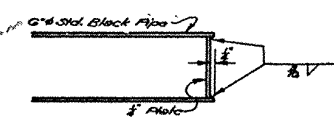
OUTSIDE ELEVATION



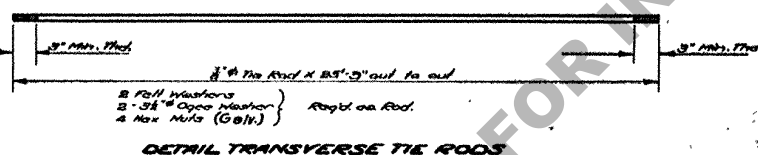
SECTION SHOWING HANDRAIL



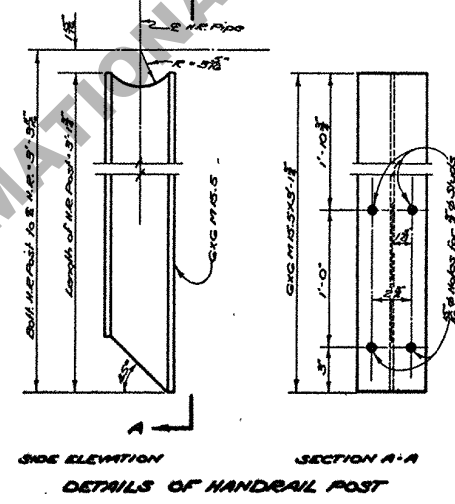
SWIM DETAIL



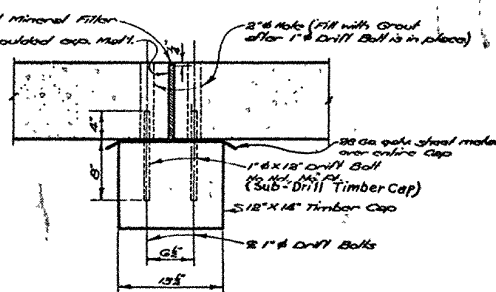
DETAIL AT END OF PIPE HANDRAIL



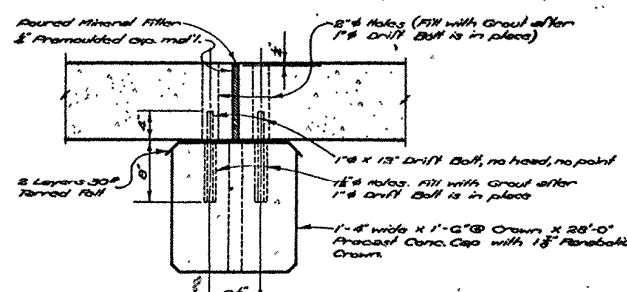
DETAIL TRANSVERSE TIE RODS



DETAILS OF HANDRAIL POST



CONNECTION DETAIL AT TIMBER CAP



CONNECTION DETAIL AT PRECAST CONCRETE CAP

TABLE OF MISCELLANEOUS QUANTITIES ONE (1) COMPLETE SPAN		
ITEM	DESCRIPTION	QUANTITY
Transverse Tie Rods (Hardware)	3/4" x 25'-3" Steel Rods - Both ends Threaded	2
Roll Washers (Hardware)	3/4" x 3/8" O.D. Roll	8
Open Washers (Hardware)	3/4" x 3/8" O.D. Washers with 3/4" x 3/8" O.D.	8
Nuts for Tie Rods (Hardware)	3/4" Hex Nuts (Galvanized)	16
Handrail Posts	6" x 6" x 15.5' x 3'-1 1/2" Long	6
Handrail	6" x 6" x 15.5' x 3'-1 1/2" Long	2
Shims (Hardware)	4" x 6" x 1/2" x 20' Galvanized Steel Metal Shims	84
Washers for M.R. Studs (Hardware)	3/4" x 3/8" O.D. Washers (Galvanized)	24
Nuts for M.R. Studs (Hardware)	3/4" Hex Nuts (Galvanized)	24
Drift Bolts, to Caps (Hardware)	1" x 12" Plain Smooth Bars - 1/2" Head, No Point	14
Grout	1 Ft. by vol. Portland Cement, 2 1/2 lbs. by vol. dry Sand	0.75 cu. yds.
M.R. Studs (Hardware)	3/4" x 3/8" Threaded 2" on End	24

TABLE OF MISCELLANEOUS QUANTITIES ONE (1) BENT		
ITEM	DESCRIPTION	QUANTITY
Expansion Material	3/4" Promoulded Expansion Material as detailed	25.5 cu. yds.
30" Tapered Roll		As Req'd.

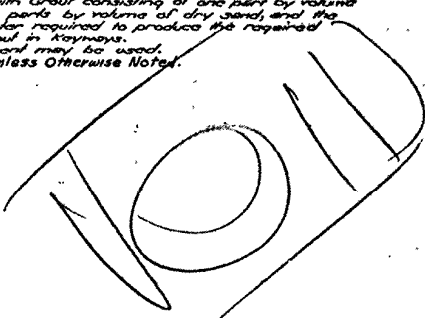
PIPE HANDRAIL QUANTITIES	
One Span	37.67 Lin. Ft.

HANDRAIL NOTE:

3/4" O.D. x 1/2" wall thickness structural grade transmission pipe as manufactured by Gal Metal Pipe Corp. of La. or the approved equal, may be substituted for 6" Std. Black Pipe.

GENERAL NOTES:

Construction Specifications: Louisiana Department of Highways Standard Specifications for Roads and Bridges dated July, 1955. Design Specifications: A.A.S.H.O. 1953 as amended to Dec. 31, 1955. Live Load: HS-20. Keyways shall be filled with Grout consisting of one part by volume of Portland Cement, 2 1/2 parts by volume of dry sand, and the minimum amount of water required to produce the required consistency to form grout in keyways. High early strength cement may be used. All Hardware to be Plain Unless Otherwise Noted.



STANDARD PLAN PRECAST CONCRETE SLAB SPAN 24'-0" CLEAR ROADWAY 1'-6" SIDEWALKS 19'-0" SPAN

DATE	March 21, 1956
DESIGNED	S.L.P.
CHECKED	S.L.P.
BY	D.A.
REVISIONS	