

BRIDGE BARRIER GENERAL NOTES

- CONSTRUCTION SPECIFICATIONS:** CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST APPROVED EDITION, EXCEPT AS SUPPLEMENTED OR AMENDED BY THE PLANS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.
- CONCRETE:** BRIDGE BARRIER RAILING CONCRETE, INCLUDING ANY BARRIER RAILING TRANSITIONS, SHALL CONFORM WITH SECTION 810. UNLESS NOTED OTHERWISE, ALL EXPOSED EDGES OF BARRIER RAILING CONCRETE SHALL BE CHAMFERED 3/4".
- BASIS OF PAYMENT:** ALL CONCRETE AND REINFORCING STEEL IN BRIDGE BARRIER RAILING AND BARRIER RAILING TRANSITIONS SHALL BE PAID FOR PER LINEAR FOOT OF RAILING, INCLUDING BARS THAT PROJECT INTO THE BARRIER RAILING OR TRANSITIONS FROM THE WINGWALL OR DECK. BARRIER RAILING TO BE MEASURED FROM CENTERLINE TO CENTERLINE OF JOINTS. SEE GENERAL PLAN OR SUMMARY OF ESTIMATED QUANTITIES SHEETS FOR BARRIER RAILING TYPES AND PAY ITEM NUMBERS.
- CONSTRUCTION JOINT:** REQUIRED CONSTRUCTION JOINT BETWEEN BRIDGE BARRIER RAILING AND DECK SLAB SHALL BE POURED IN ACCORDANCE WITH SECTION 805 AND 810 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.
- FINISH OF CONCRETE:** ALL CONCRETE SURFACES SHALL BE FINISHED IN ACCORDANCE WITH SECTION 805 AND SECTION 810 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.
- REINFORCING STEEL:** REINFORCING STEEL SHALL CONFORM TO SECTION 806 AND SECTION 1009. THE FIRST DIGIT(S) OF THE REINFORCING BAR NUMBER INDICATE(S) BAR SIZE. UNLESS NOTED OTHERWISE, DIMENSIONS RELATING TO REINFORCING STEEL FABRICATION ARE OUT-TO-OUT OF BARS AND DIMENSIONS RELATED TO REINFORCING STEEL SPACING ARE CENTER-TO-CENTER OF BARS.

THE MINIMUM COVERING FROM THE SURFACE OF THE BARRIER RAILING CONCRETE TO THE FACE OF ANY DEFORMED REINFORCING BAR SHALL NOT BE LESS THAN 1 1/2". WHEN GALVANIZED OR STAINLESS REINFORCING STEEL IS REQUIRED IN THE BRIDGE DECK, LONGITUDINAL BARS AND STIRRUPS IN THE BARRIER RAIL SHALL HAVE THE SAME PROTECTION.
- BARRIER JOINTS:** ALL BARRIER JOINTS SHALL CONFORM TO SECTION 810.05 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES. SEE BRIDGE GENERAL PLAN FOR SPACING OF OPEN JOINTS.

AT SPAN EXPANSION JOINTS, GAPS BETWEEN ADJACENT SECTIONS OF BARRIERS SHALL NOT EXCEED 4" UNLESS A SLIDING ARMORED PLATE IS EMPLOYED TO SHIELD THE OPENING.
- DECK DRAINAGE:** SEE GENERAL PLAN OR SPAN DETAILS FOR LOCATIONS AND TYPE OF DECK DRAINAGE.
- GUARD RAIL:** FOR ADDITIONAL GUARD RAIL DETAILS AND INFORMATION, SEE THE BRIDGE GENERAL PLAN AND THE APPLICABLE GUARD RAIL STANDARD PLANS.
- YEAR PLATE:** THE DATE OF CONSTRUCTION IS REQUIRED ON THE OUTSIDE SHOULDER BRIDGE BARRIER TRANSITION FOR ONCOMING LANES OF TRAFFIC, SEE THE YEAR PLATE SPECIAL DETAIL FOR ADDITIONAL INFORMATION. FOR TAPERED DOWN BARRIER TRANSITIONS, THE YEAR PLATE SHALL BE PLACED ON THE OUTSIDE SHOULDER BRIDGE BARRIER.

	BRIDGE STANDARD INDEX NO.	SERIES	DESCRIPTION	
COMMON DETAILS	BD.2.6.1.1.01	I OF I	BRIDGE BARRIER COMMON - GENERAL NOTES & INDEX	
SPECIFIC DETAILS	32" F-SHAPE BRIDGE BARRIER (32FS)	BD.2.6.1.2.01	I OF I * 32" F-SHAPE BRIDGE BARRIER DETAILS	
		BD.2.6.1.2.02	I OF I * 32" F-SHAPE TRANSITION ON BRIDGE SPAN	
		BD.2.6.1.2.03	I OF I * 32" F-SHAPE TRANSITION ON WINGWALL	
		BD.2.6.1.2.04	I OF I * 32" F-SHAPE TRANSITION (40' LONG) TO 4" MOUNTABLE CURB	
		BD.2.6.1.2.05	I OF I * 32" F-SHAPE TRANSITION (10' LONG) TO 4" MOUNTABLE CURB	
		BD.2.6.1.2.06	I OF I * 32" F-SHAPE TRANSITION (40' LONG) TO 6" BARRIER CURB	
		BD.2.6.1.2.07	I OF I * 32" F-SHAPE TRANSITION (10' LONG) TO 6" BARRIER CURB	
	36" SINGLE SLOPE BRIDGE BARRIER (36SS)	BD.2.6.1.3.01	I OF I	36" SINGLE SLOPE BRIDGE BARRIER DETAILS
		BD.2.6.1.3.02	I OF I	36" SINGLE SLOPE TRANSITION ON BRIDGE SPAN
		BD.2.6.1.3.03	I OF I	36" SINGLE SLOPE TRANSITION ON WINGWALL
		BD.2.6.1.3.04	I OF I	* 36" SINGLE SLOPE TRANSITION (40' LONG) TO 4" MOUNTABLE CURB
		BD.2.6.1.3.05	I OF I	* 36" SINGLE SLOPE TRANSITION (10' LONG) TO 4" MOUNTABLE CURB
		BD.2.6.1.3.06	I OF I	* 36" SINGLE SLOPE TRANSITION (40' LONG) TO 6" BARRIER CURB
		BD.2.6.1.3.07	I OF I	* 36" SINGLE SLOPE TRANSITION (10' LONG) TO 4" BARRIER CURB

NOTE: NOT EVERY SHEET LISTED IN THE INDEX IS APPLICABLE FOR EVERY PROJECT. THE PROJECT'S BRIDGE DESIGN ENGINEER OF RECORD SHALL SELECT THE APPLICABLE BARRIER OR BARRIER TRANSITION SHEETS TO INCLUDE IN EACH PROJECT PLAN SET.

*: TO BE DEVELOPED

FOR INFORMATIONAL PURPOSES ONLY



SHEET NUMBER		PARISH		CONTROL SECTION		STATE PROJECT	
DESIGNED	C. GAUDRY	CHECKED	S. MAZUR	REVIEWED	K. BRAUNER	SERIES #	I OF I
DETAILED	C. GAUDRY	CHECKED	S. MAZUR	REVISION OR CHANGE ORDER DESCRIPTION	BY	DATE	NO.
GENERAL NOTES & INDEX BRIDGE BARRIER COMMON DETAILS BR COMMON							
DOTD BRIDGE DESIGN							

BD.2.6.1.1.01