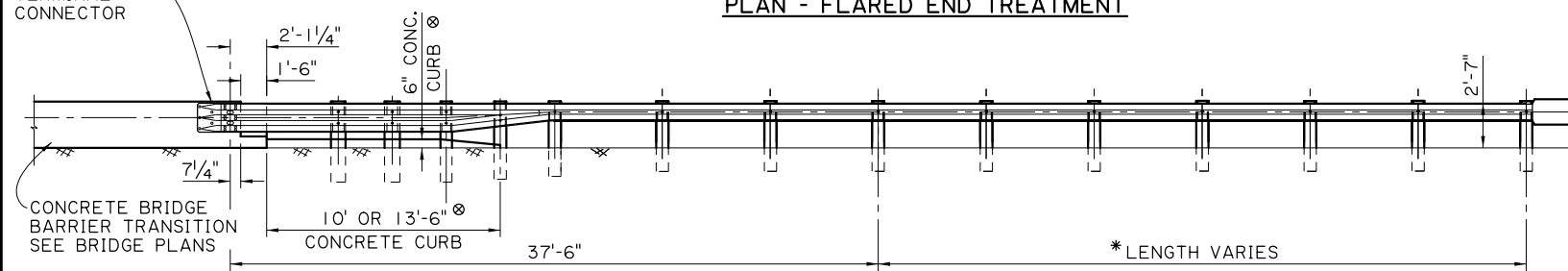
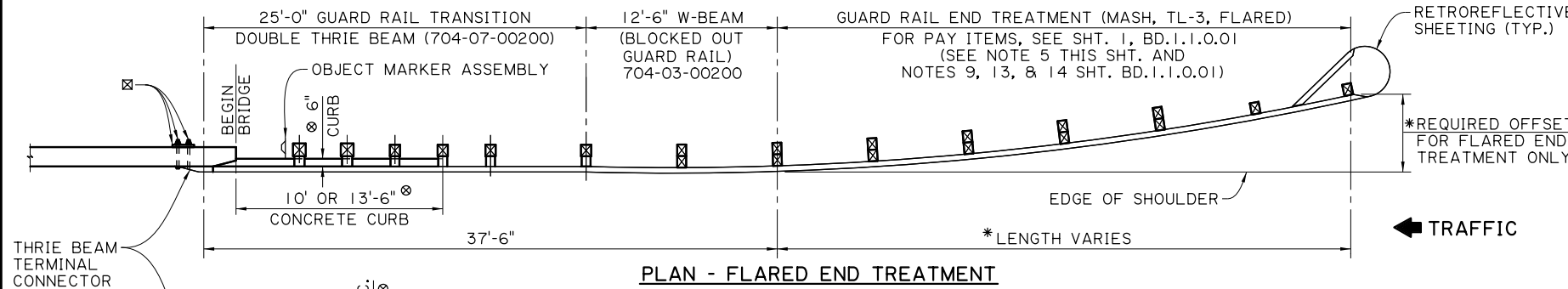
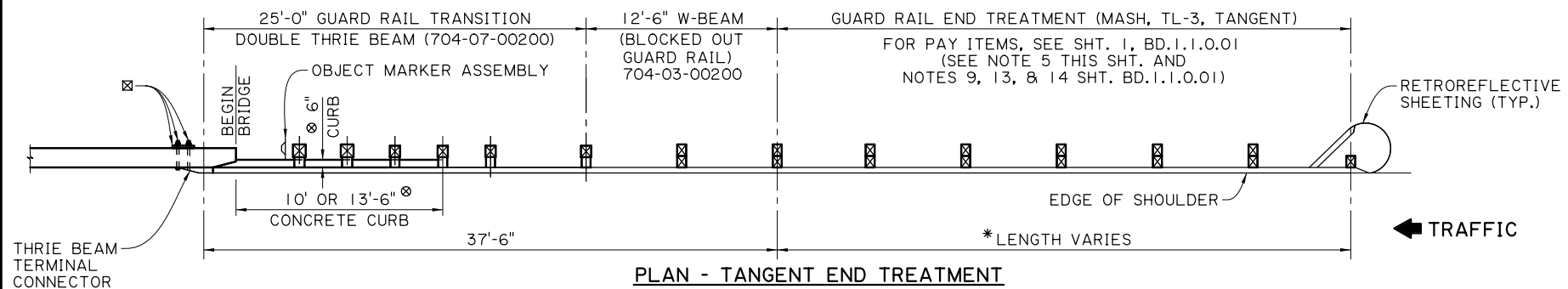




14:4

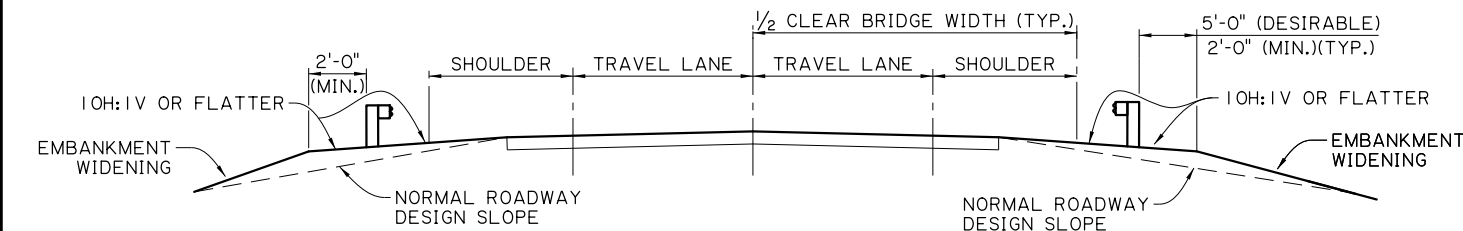
6/9/2026

IP_PWP:q1273830\GR-MASH-OFF 1.dgn

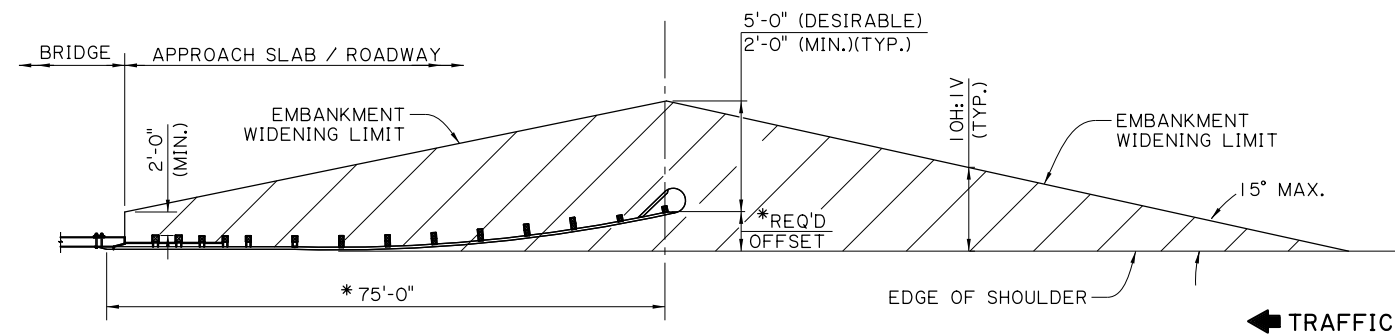


7/8" ϕ H.S. HEX. BOLTS WITH 5/8" BEARING PLATE
(SEE STANDARD PLAN BD.1.1.0.09).

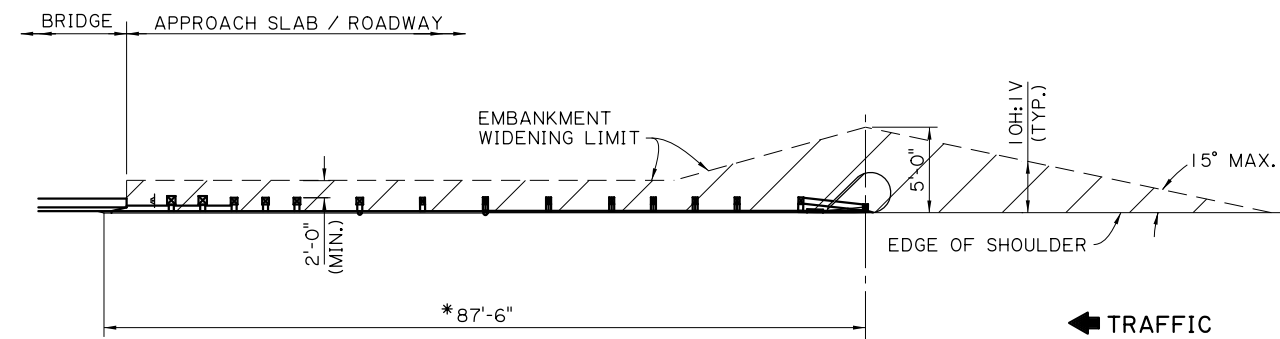
ELEVATION
(NOT TO SCALE)



TYPICAL CROSS SECTION EMBANKMENT WIDENING
(NOT TO SCALE)



TYPICAL PLAN FOR EMBANKMENT WIDENING - FLARED END TREATMENT
(TYPICAL FOR EACH END OF BRIDGE)
(NOT TO SCALE)



TYPICAL PLAN FOR EMBANKMENT WIDENING - TANGENT END TREATMENT
(TYPICAL FOR EACH END OF BRIDGE)
(NOT TO SCALE)

NOTES

- 1) FOR ADDITIONAL GUARD RAIL DETAILS AND INFORMATION, SEE STANDARD PLAN BD.1.1.0.01 THRU BD.1.1.0.11.
- 2) FOR CONCRETE BRIDGE BARRIER TRANSITION DETAILS, SEE BRIDGE PLANS.
- 3) OBJECT MARKERS (TYPE 3) SHALL BE PAID UNDER ITEM 729-16-00300.
- 4) THE QUANTITY FOR THE EMBANKMENT WIDENING AT BRIDGE ENDS SHALL BE INCLUDED IN THE EMBANKMENT QUANTITY FOR THE ROADWAY.
- * 5) USE REQUIRED OFFSET AS PER GUARD RAIL FLARED END TREATMENT REQUIREMENTS. SEE DOTD APPROVED MATERIALS LIST (AML) FOR GUARD RAIL END TREATMENTS (MASH). LENGTH VARIES BASED ON END TREATMENT TYPE USED.
- * 6) USE 10'-0" LONG CONCRETE CURB AND 6" CURB HEIGHT FOR 10' APPROACH SLAB, SEE APPROACH SLAB DETAILS FOR FURTHER INFORMATION.
USE 13'-6" LONG CONCRETE CURB FOR $\geq$ 20' APPROACH SLAB, CURB HEIGHT VARIES FROM 6" TO 2", SEE APPROACH SLAB DETAILS FOR FURTHER INFORMATION.

SHEET NUMBER		PARISH		CONTROL SECTION		STATE PROJECT	
DESIGN	CHECK	DETAIL	CHECK	REVIEW	SERIES	OF	PROJECT
P. FOSSIER	K. BRAUNER	J. DOUCET	K. BRAUNER	C. GUIDRY	1	1	
APPROVED BY CHIEF ENGINEER:				DATE: 6/29/2026			
REVISION OR CHANGE ORDER DESCRIPTION				BY			
NO.				DATE			
STATE OF LOUISIANA				GR-MASH-OFF			
HIGHWAY GUARD RAIL (MASH) OFF-SYSTEM BRIDGE APPLICATION				STANDARD PLAN			
DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT							