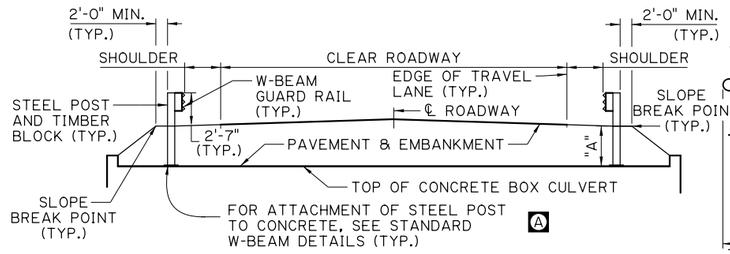


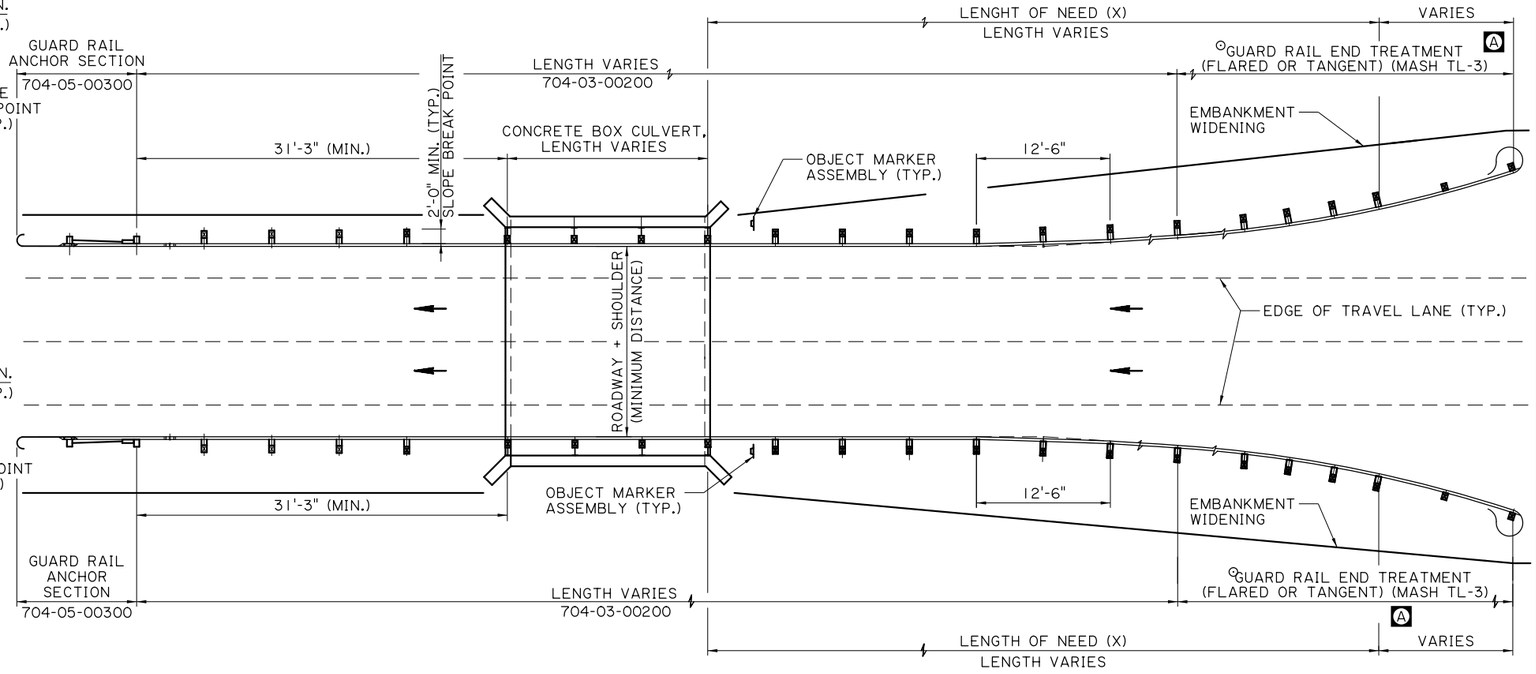
TYPICAL SECTION - ROADWAY EMBANKMENT OVER BOX CULVERT WITH STEEL OR WOOD POST

("A" = > 3'-4")
N.T.S.



TYPICAL SECTION - ROADWAY EMBANKMENT OVER BOX CULVERT WITH STEEL POST ATTACHMENT

("A" = < 3'-4", "A" = MIN. 9")
N.T.S.

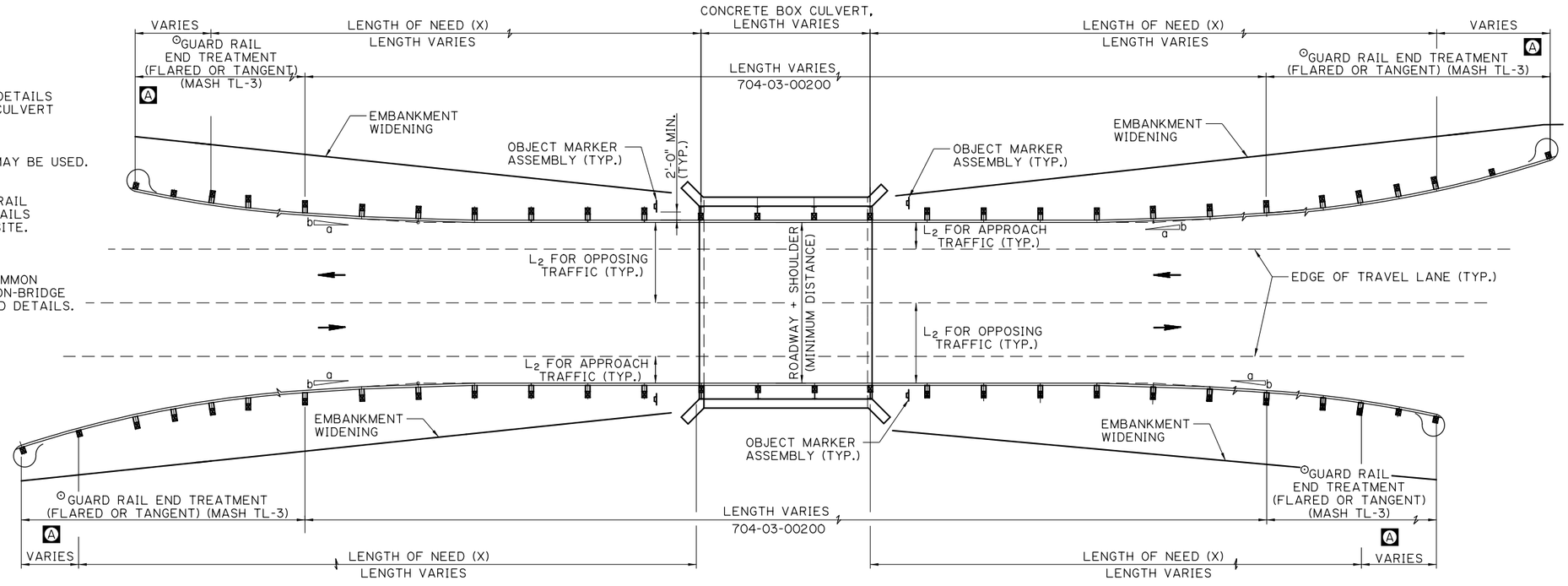


GUARD RAIL LAYOUT OVER CONCRETE BOX CULVERTS - DIVIDED HIGHWAY

HALF PLAN FOR DIVIDED HIGHWAY (LAYOUT SAME FOR OPPOSITE SIDE OF RDWY.)
N.T.S.

NOTES: A

1. LENGTH OF NEED (X) AND PLAN LAYOUT DETAILS ARE TO BE DETERMINED FOR EACH BOX CULVERT AT EACH SPECIFIC SITE.
2. ⊙ FLARED OR TANGENT END TREATMENTS MAY BE USED.
3. IN ADDITION TO THESE DETAILS, GUARD RAIL LAYOUT AND EMBANKMENT WIDENING DETAILS ARE REQUIRED FOR EACH BOX CULVERT SITE. SEE OTHER PLAN DETAILS.
4. FOR ALL OTHER DETAILS, REFERENCE COMMON DETAILS, STANDARD W-BEAM DETAILS, NON-BRIDGE APPLICATION DETAILS, AND TRAILING END DETAILS.



GUARD RAIL LAYOUT OVER CONCRETE BOX CULVERTS - UNDIVIDED HIGHWAY

N.T.S.

SHEET NUMBER

PARISH	CONTROL SECTION	STATE PROJECT

DESIGN C. GAUDRY | DETAIL C. GAUDRY | REVIEW | SERIES # 1 OF 1
CHECK | CHECK

APPROVED BY CHIEF ENGINEER: DATE: 6/29/2026

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	BY
A	2/23/25	REFERENCE UPDATES	CMG

STATE OF LOUISIANA

HIGHWAY GUARD RAIL (MASH) APPLICATION FOR BOX CULVERT

GR-MASH-BC

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

STANDARD PLAN

6/8/2026 14:5

IP_PWP:d1273647\GR-MASH-BC.dgn