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NHI-10-034 NOVEMBER 2008 EDITION "TECHNICAL MANUAL FOR DESIGN AND CONSTRUCTION OF ROAD TUNNELS

7. THE FABRICATOR SHALL DESIGN FOR LIFTING AND TRANSPORTING FOR SUBMITTAL PER STD. SPEC. SECTION 7-02.3(6)A2.

NOTED OTHERWISE) SHALL BE ASTM A 307 AND COMPLY WITH STD. SPEC. SECT. 9-16.3(4), AND RESIN BONDED ANCHORS SHALL BE ASTM A 193 GRADE B7, OR ASTM A 449. ALL STEEL PLATES SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M 111 AFTER FABRICATION. BOLTS AND HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M 232.

DECK, 11/2" AT THE BOTTOM OF THE ROOF DECK, 3" AT THE BOTTOM OF FOOTINGS, AND 2" AT ALL OTHER LOCATIONS.

10. THE BACKFILL ON BOTH SIDES OF THE CULVERT TO BE PLACED IN SEQUENCE AND COMPACTED IN ACCORDANCE TO THE STD. SPEC. 2-09.3(1)E. THE MAXIMUM FIELD HEIGHT DIFFERENCE MEASURED FROM SIDE TO SIDE NO MORE 2'-O".

EXTREME I = 1.00 DC + 1.00 DW + 1.00 EH + 1.00 EV + 1.00 ES + 1.00 LS + YEQ L + 1.00 WA + 1.00 B + 1.00 EQ

EXTREME II = 1.00 DC + 1.00 DW + 1.00 EH + 1.00 EV + 1.00 ES + 1.00 LS + YEQ L + 1.00 WA + 1.00 B + 1.00 IC

yp FOR DC = 1.25 MAX./0.90 MIN. γp FOR DW = 1.50 MAX./0.65 MIN. $\gamma EQ = 0.5$ $\emptyset = 0.90$ FOR FLEXURE (CIP)

 \emptyset = 1.00 FOR FLEXURE (PRECAST)

 $\emptyset = 0.85 FOR SHEAR (CIP)$

Ø = 0.90 FOR SHEAR (PRECAST)

		BRIDGE SHEET NO.
ortation		SHEET
	PRECAST SPLIT BOX CULVERT	OF
	GENERAL NOTES AND LOADING DIAGRAMS	SHEETS