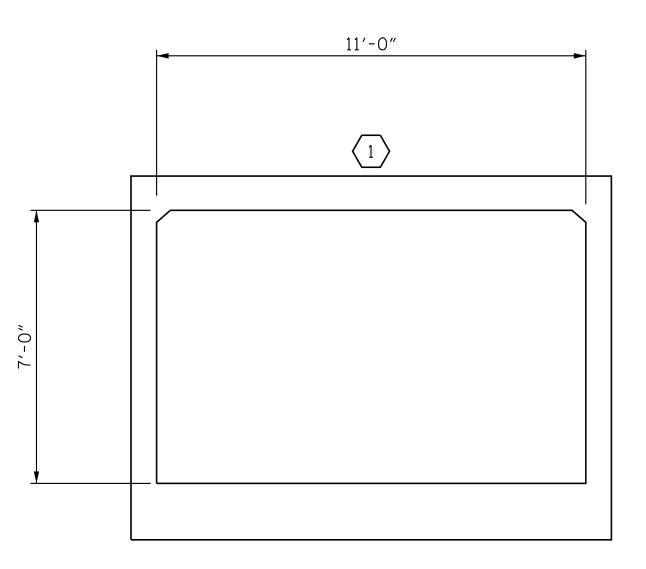
			STRENGTH I LIMIT STATE							
		LUAD KALING MINIMUM RATING FACTOR (RF)	MOMENT				SHEAR			
	CONTROLLING LOAD RATING		RATING FACTOR	BOX NO.	ELEMENT	DISTANCE FROM LEFT END OF ELEMENT (ft)	RATING FACTOR	BOX NO.	ELEMENT TYPE	DISTANCE FROM LEFT END OF ELEMENT (++)
PERMANENT LOAD RATING	1	1.14	1.14	1	TOP SLAB	6′-4″	1.45	1	TOP SLAB	10″



LRFR SUMMARY

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PERMANENT LOAD FACTORS:

DESIGN LOAD RATING FACTORS

BESTON EGNB TANTING TAGTONS					
LOAD TYPE	MAX FACTOR	MIN FACTOR			
	1.25	. 90			
DW	1.50	. 65			
EV	1.30	. 90			
EH	1.35	. 90			
ES	1.35	.90			
WA	1.00				

NOTES:

RATING FACTORS ARE BASED ON THE STRENGTH I LIMIT STATE.

THE EFFECTS OF LIVE LOAD ON DESIGN AND LOAD RATING MAY BE NEGLECTED FOR CULVERTS WITH CERTAIN FILL DEPTHS DESCRIBED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

CULVERTS WITH NEGLIGIBLE LIVE LOAD SHOULD BE LOAD RATED FOR PERMANENT LOADS ONLY IN ACCORDANCE WITH THE AASHTO MANUAL FOR BRIDGE EVALUATION.

PROJECT NO. R-5930B

CHATHAM COUNTY

STATION: 108+98.22 -L-

SHEET 2 OF 6

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

RALEIGH

STANDARD

LRFR SUMMARY FOR REINFORCED CONCRETE BOX CULVERTS (DEEP FILLS)

	SHEET NO.					
BY:	DATE:	NO. BY:		DATE:	C3-2	
		∞			TOTAL SHEETS	
		Ø			6	

ASSEMBLED BY: D.D. LOWERY DATE: 10/2023 CHECKED BY: A.L. PHILLIPS DATE: 03/2024

DRAWN BY: BNB 6/19
CHECKED BY: THC 6/19

CULVERT 42C003 STD.NO.LRFR7