



Diagram showing four hexagons stacked vertically, labeled 1, 2, 3, and 4 from bottom to top.



(LOOKING DOWNSTREAM)

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AcostaM


NOTE:

LOAD RATINGS FOR MAXIMUM AND MINIMUM FILL CONDITIONS  
HAVE BEEN EVALUATED. MINIMUM FILL CONDITION CONTROLS  
LOAD RATINGS.

- 1.
- 2.
- 3.
- 4.

#	CONTROLLING LOAD RATING
1	DESIGN LOAD RATING (HL-93)
2	DESIGN LOAD RATING (HS-20)
3	LEGAL LOAD RATING **
4	EMERGENCY VEHICLE LOAD RATING **
** SEE CHART FOR VEHICLE TYPE	

SHEET 2 OF 10



11/24/2025

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

RALEIGH

# LRFR SUMMARY FOR REINFORCED CONCRETE BOX CULVERTS

## (NON-INTERSTATE TRAFFIC)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-2
1			3			TOTAL SHEETS
2			4			10

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