




# BRIDGE LOAD RATING SUMMARY REPORT

## OFFICE OF STRUCTURAL ENGINEERING

### OHIO DEPARTMENT OF TRANSPORTATION

SFN (SNBI Bridge Number)	Ohio Bridge Number (Bridge Asset Name)	District	GPS Coordinates																																																																																																																																																																																							
3431790	HAS-BRDGE-00.045	11	LATITUDE: 40.425675	LONGITUDE: -81.1871667																																																																																																																																																																																						
Original Year Built	Year Re-built	Total length	Structure Type XXX	Feature Intersected																																																																																																																																																																																						
Proposed	N/A	86 ft	505	CONOTTON CREEK																																																																																																																																																																																						
SPECIAL ASSUMPTIONS & COMMENTS	Rated by: AI 11/03/2025 Checked by: TDA 11/04/2025																																																																																																																																																																																									
	Single span (83'-0" C/C Bearings) prestressed adjacent box beams (CB33-48) with 6" minimum composite reinforced concrete deck including 1" monolithic wearing surface; Skew = 0 degrees; 32'-0" O/O deck width; 6'-0" non-raised sidewalk on west side and Modified TST-1-99 railing on both sides; Design for FWS = 60 psf; Rated for FWS = 0 psf; Deck f'c = 4.5 ksi (Class QC2 Concrete); Prestressed Box Beam concrete f'c initial = 5.0 ksi, f'c final = 7.0 ksi; Prestressing strands (Low Relaxation) As = 0.167 sq in; Ultimate Strength = 270 ksi																																																																																																																																																																																									
Please type or select on right using drop down arrow																																																																																																																																																																																										
Load Rating Purpose:	1 - Initial Load Rating																																																																																																																																																																																									
Bridge Appraisal Rating (0-9):	9																																																																																																																																																																																									
Load rating Software:	3 - AASHTO BrR																																																																																																																																																																																									
Software version:	7.6.1																																																																																																																																																																																									
Rating Source:	1 - Plan information available for load rating analysis																																																																																																																																																																																									
Load Rating Method:	LRFR - Load & Resistance Factor Rating (RF) - Code 8																																																																																																																																																																																									
Design Loading:	A - HL93																																																																																																																																																																																									
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\*\* ODOT bridges to be analyzed for permit trucks by policy.

Analysis for permit trucks is optional for non-ODOT bridges and at owner's discretion.