

Bridge Location and Description

Hwy. No. _____ Over Under Bridge No. _____

Year Built _____ Year Remodeled _____ Replaces Br. _____

Bridge Type _____ County _____ Ref. Pt. _____

Description _____

Location _____

Data for Basis of Report (Check all that apply)

- Bridge Inventory File
- Previous Bridge Rating and Load Posting Report
- Bridge Plans
 - New Overlay
 - Repair/Reconstruction
 - Other Dead Load Modifications
- Bridge Inspected by _____ Date _____
 - Damaged Component _____
 - Deteriorated Component _____

NBI Condition Ratings

Deck _____

Superstructure _____

Substructure _____

Culvert _____

HCADT _____

Types of Analysis:

- Manual
- AASHTOWare BrR, V. _____
- Computer*
- Other*

Method of Rating (Check appropriate box)

- Load Factor (LFR) Assigned LFR
- Allowable Stress (ASR) Assigned LRFR
- Load & Resistance Factor (LRFR) Load Testing

Design Load _____

Design Method _____

Summary of Rating and Load Posting Analysis

Load Posting		Bridge Rating		
Sign	TONS	Inventory	Operating	
R12-1a <input type="checkbox"/>		HS <input type="checkbox"/>	HS <input type="checkbox"/>	
R12-5M (old R12-5a) <input type="checkbox"/>		RF <input type="checkbox"/>	RF <input type="checkbox"/>	
R12-5 <input type="checkbox"/>	M3 M3S2-40 M3S3-40			
R12-X11 <input type="checkbox"/>		Overweight Permit Codes		
R11-2a <input type="checkbox"/>	BRIDGE CLOSED	A _____	B _____	C _____

I hereby certify that this report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

(Typed or Printed) Name: _____ Date: _____

(Typed or Printed) Employed by (Agency/Firm): _____

Signature: _____ License No. _____

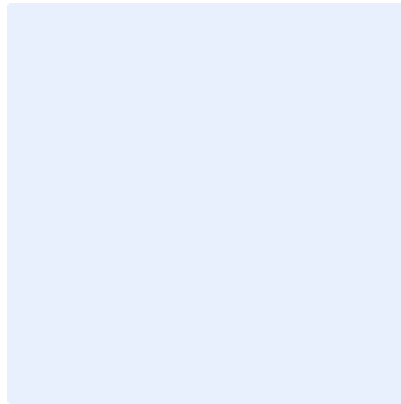
My signature below indicates that I have read and fully agreed with the load rating report.

Program Administrator's Signature: _____ Date: _____

BRIDGE RATING DETAILS

Bridge Type _____
 Rating Method _____
 Roadway Width _____
 Curved Tapered
 Beam Spacing _____
 Live Load Distribution Factor
 Single _____ Multiple _____
 Finite/Grid Element Analysis

Bridge No. _____
 Design Load: _____
 Inventory Rating: _____
 Operating Rating: _____
 Rated _____ Checked _____
 Date _____
 Sheet _____ of _____



BEAM ELEVATION ¹

Show span lengths, structure/beam depths.

Truck	Rating Factor	Span/ Pier	Location	Limit State ²	Notes/Comments
Inventory					
Operating					
M3					
M3S2-40					
M3S3-40					
SU4					
SU5					
SU6					
SU7					
EV2					
EV3					
Implements of ³ Husbandry	Rating Factor	Span/ Pier	Location	Limit State ²	Notes/Comments
Tier 1a					
Tier 1b					
Tier 1c					

¹ Elevation may be on another sheet

² Choose from: service or ultimate; shear or moment

³ For information only

