

Bridge Location and Description

Hwy. No. _____ Over Bridge No. _____
 Under _____
 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 _____
 Types of Analysis:
 Manual AASHTOWare BrR, V. _____ Computer* Other*
 *

NBI Condition Ratings
 Deck _____
 Superstructure _____
 Substructure _____
 Culvert _____
 HCADT _____

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	<input type="checkbox"/> Required <input type="checkbox"/> Not Required		Bridge Rating		
	Sign	TONS		Inventory	Operating
R12-1a	<input type="checkbox"/>			HS <input type="checkbox"/> RF <input type="checkbox"/> _____	HS <input type="checkbox"/> RF <input type="checkbox"/> _____
R12-5M	<input type="checkbox"/>			Overweight Permit Codes	
R12-5	<input type="checkbox"/>	M3	M3S2-40		
R12-X11	<input type="checkbox"/>			C _____	
R11-2a	<input type="checkbox"/>	BRIDGE CLOSED			

Load Posting Sign Installation Date: _____

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. _____

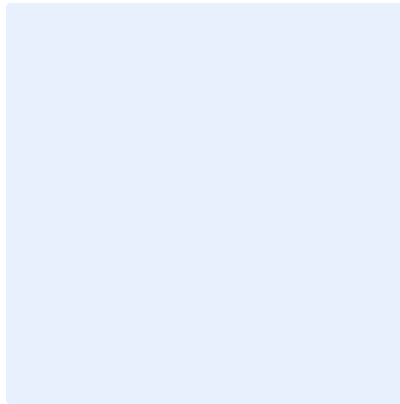
My signature below indicates that I have read and fully agreed with the load rating report.

Program Administrator's Signature: _____

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

