

## LOAD RATING SUMMARY SHEET for Bridges in South Dakota

### Bridge Data

Structure Number	- -	Inspection Date	Condition
County		Year Built	Deck Rating
Route		Design Load	Super Rating
Feature Intersected		Roadway Width	Sub Rating
Bridge Type		ADTT (one way)	
Bridge Length	Steel or Timber Abutment or Bent Caps		

### Bridge Load Rating Summary

<b>Dead Load</b>		<b>LRFR Evaluation Factors:</b>	
Wearing Surface Thickness		Surface Roughness Rating	
Wearing Surface Type		Condition Factor	
Non-structural attachments		System Factor	
Rating Method	LFR LRFR	ASR (Timber Only) Field Evaluation	Comments:

### Bridge Rating Summary

Vehicle Type	GVW (Tons)	Rating Factor	Rating (Tons)	Controlling Member / Load effect	IM	Live Load Distribution factor
	N/A					
	N/A					
SD Type 3	24.0					
SD Type 3S2	40.0					
SD Type 3-2	46.0					
SU4	27.0					
SU5	31.0					
SU6	34.75					
SU7	38.75					
NRL	40.0					
EV2	28.75					
EV3	43.0					

### Posting Analysis Summary

Governing Rating Factor	_____
Governing Load Model	_____
BrR Model (Y/N)	_____

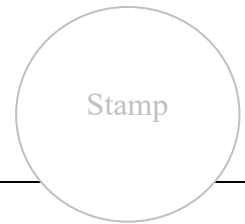
**Please Check the following boxes that apply:**

- Plans do not exist (assign & document load rating)  
 Load rating is governed by:

- Deck  
 Substructure  
 Exterior Girder  
 Connections

QC/QA	Name	Date
Rated	_____	_____
Checked	_____	_____
QA	_____	_____

Rating Software \_\_\_\_\_ BrR \_\_\_\_\_ Other: \_\_\_\_\_



Posting Required  : Indicate which signs are needed and give recommended Posting loads

Single units and Combinations

Gross weight

Axle weight

Emergency Vehicle add-on sign

Emergency Vehicle stand-alone sign

