

LOAD RATING SUMMARY SHEET for National Bridge Inventory Structures in South Dakota

Bridge Data

Region	Structure Number	-	-	Inspection Date
County	Bridge Name	Condition		
Route	Year Built	Deck Rating		
Feature Intersected	Design Load	Super Rating		
Bridge Type	Roadway Width	Sub Rating		
Bridge Length	Fill Height over Culvert	Culvert Rating		

Bridge Load Rating Summary

Dead Load	LRFR Evaluation Factors:
Wearing Surface Thickness	Surface Roughness Rating
Wearing Surface Type	Condition Factor
Non-structural attachments	System Factor
Rating Method	ADTT (one way)
LFR	
LRFR	Field Evaluation

Superstructure/Deck Rating Summary

Vehicle Type	GVW (kips)	Rating Factor	Rating (Tons)	Controlling Member / Load effect	IM	Live Load Distribution factor
(INV)	N/A					
(OPR)	N/A					
SD Type 3	48.0					
SD Type 3S2	80.0					
SD Type 3-2	92.0					
SU4	54.0					
SU5	62.0					
SU6	69.5					
SU7	77.5					
NRL	80.0					
EV2	28.75					
EV3	43.0					

Please Check the following boxes that apply:

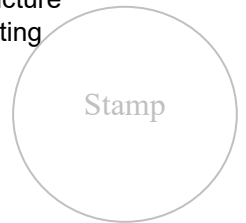
- Load rating is not governed by deck
- Load rating is not governed by substructure
- Connections do not control the load rating
- Exterior girder controls the load rating
- Plans do not exist (enter ratings)

Posting Analysis Summary

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

QC/QA

Rated By: _____ **Remarks/Recommendations**
 Checked By: _____ Project Number _____
 QA By: _____ Rating Software _____ BrR _____ Others _____
 Date Rated _____



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

