

LOAD RATING SUMMARY SHEET for Culverts in South Dakota

Culvert Data

Structure Number	- -	Fill Height	Inspection Date
County		Year Built	Condition
Route		Design Load	Culvert Rating
Feature Intersected		Roadway Width	
Culvert Type		ADTT (one way)	
Culvert Length			

Culvert Load Rating Summary

Dead Load

Wearing Surface Thickness

Wearing Surface Type

Non-structural attachments

Rating Method	LFR	ASR (Timber Only)	Comments:
	LRFR	Field Evaluation	

Culvert 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 box if applicable:

Plans do not exist (assign & document load rating)

QC/QA	Name	Date
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Rated

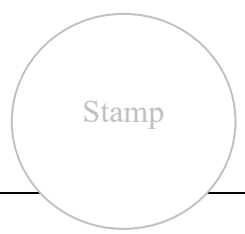
Checked

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

