



Load Rating Report

US 51
over
CREEK
MADISON County

- STRUCTURE NUMBER
210005104512660
- BRIDGE ID
13017



Posting Status

P - Posted for Load

Rating Date: 8/8/2023

Rated By: rroberts

Checked By: kchampney

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County:	MADISON	Structure Number:	210005104512660	Facility Carried:	US 51
Inspection Date:	8/8/2023	Bridge ID:	13017	Feature Intersected:	CREEK

Inspector: Smith, Jerry
Inspection Date: 08/07/2023

Structure Number: 210005104512660
Facility Carried: US 51

Bridge Inspection Report

Load Rating

NBI ITEMS

(003) COUNTY	089 - MADISON			
(007) FACILITY CARRIED	US 51			
(006) FEATURES INTERSECTED	CREEK			
(041) POSTING STATUS	P - Posted for Load			
(065) INVENTORY RATING METHOD	2 - Allowable Stress (AS)	(066) INVENTORY RATING	18.4	TONS
(063) OPERATING RATING METHOD	2 - Allowable Stress (AS)	(064) OPERATING RATING	30.7	TONS
(103) TEMP STRUCTURE				
(070) BRIDGE POSTING	2 - 20.0-29.9% below legal loads (3-5 tons)			
(031) DESIGN LOAD	2 - M 13.5			
(091) DESIGNATED INSPECTION FREQ	12 MONTHS			

REPORT PARAMETERS

		RATED BY	rroberts
RATING DATE	08/08/2023	CHECKED BY	kchampney

RATING CAPACITY INFO

H TRUCK	25.0	TONS	TANDEM AXLE	23.1	TONS	EV2 LIMIT	27.0	TONS
HS SHORT	33.1	TONS	SINGLE AXLE	21.6	TONS	EV3 LIMIT	27.5	TONS
HS LONG	38.6	TONS						

POSTING INFO

H TRUCK LIMIT	25	TONS	TANDEM AXLE LIMIT	TONS	EV SINGLE AXLE	15	TONS
HS SHORT LIMIT	33	TONS	SINGLE AXLE LIMIT	TONS	EV TANDEM AXLE	19	TONS
HS LONG LIMIT	38	TONS	GVW LIMIT	TONS	EV GROSS	27	TONS

PERMITTING

AUTOMATED PERMITTING ☐

COMMENTS

Updated truck weight information in the BARS input file and reran the program. BARS input information was not checked.

Updated due to Harvest Permit tolerance increase.

Inspector: Smith, Jerry
Inspection Date: 08/07/2023

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Bridge Inspection Report

10/28/2021 Bridge 13017 will be posted in accordance with the FAST (Fixing America's Surface Transportation) Act, under section 1410, Load Rating for the FAST Act's Emergency Vehicles

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Structure Number: 210005104512660

Facility Carried: US 51

Rating Date: 8/8/2023

Bridge ID: 13017

Feature Intersected:
CREEK