



Load Rating Report

US 51

over

DOAKS CREEK

MADISON County

• STRUCTURE NUMBER
210005104513010

• BRIDGE ID
13024



Posting Status

P - Posted for Load

Rating Date: 8/8/2023

Rated By: rnroberts

Checked By: kchampney

TABLE OF CONTENTS

	PAGE NUMBER
LOCATION MAP BRIDGE	1
MDOT LOAD RATING REPORT V3	2
PICTURES	4
SKETCHES	5

County:	MADISON	Structure Number:	210005104513010	Facility Carried:	US 51
Inspection Date:	8/8/2023	Bridge ID:	13024	Feature Intersected:	DOAKS CREEK

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

Structure Number: 210005104513010
Facility Carried: US 51

Bridge Inspection Report

Load Rating

NBI ITEMS

(003) COUNTY	089 - MADISON			
(007) FACILITY CARRIED	US 51			
(006) FEATURES INTERSECTED	DOAKS CREEK			
(041) POSTING STATUS	P - Posted for Load			
(065) INVENTORY RATING METHOD	1 - Load Factor (LF)	(066) INVENTORY RATING	17.2	TONS
(063) OPERATING RATING METHOD	1 - Load Factor (LF)	(064) OPERATING RATING	28.6	TONS
(103) TEMP STRUCTURE				
(070) BRIDGE POSTING	0 - More than 39.9% below legal loads (0 tons)			
(031) DESIGN LOAD	2 - M 13.5			
(091) DESIGNATED INSPECTION FREQ	12 MONTHS			

REPORT PARAMETERS

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

RATING CAPACITY INFO

H TRUCK	15.9	TONS	TANDEM AXLE	15.3	TONS	EV2 LIMIT	16.3	TONS
HS SHORT	17.4	TONS	SINGLE AXLE	14.9	TONS	EV3 LIMIT	16.5	TONS
HS LONG	19.1	TONS						

POSTING INFO

H TRUCK LIMIT	15	TONS	TANDEM AXLE LIMIT	TONS	EV SINGLE AXLE	9	TONS
HS SHORT LIMIT	17	TONS	SINGLE AXLE LIMIT	TONS	EV TANDEM AXLE	11	TONS
HS LONG LIMIT	19	TONS	GVW LIMIT	TONS	EV GROSS	16	TONS

PERMITTING

AUTOMATED PERMITTING ☐

COMMENTS

See "Web_Crippling_CRW_13024_05_14_2020.xlsx" in the 5/14/2020 load rating folder for load rating information.

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

Structure Number: 210005104513010
Facility Carried: US 51

Bridge Inspection Report

10/27/2021 Bridge 13024 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.

County: MADISON

Structure Number: 210005104513010

Facility Carried: US 51

Inspection Date: 8/8/2023

Bridge ID: 13024

Feature Intersected:
DOAKS CREEK

Rated by: rnroberts

Structure Number: 210005104513010

Facility Carried: US 51

Rating Date: 8/8/2023

Bridge ID: 13024

Feature Intersected:
DOAKS CREEK