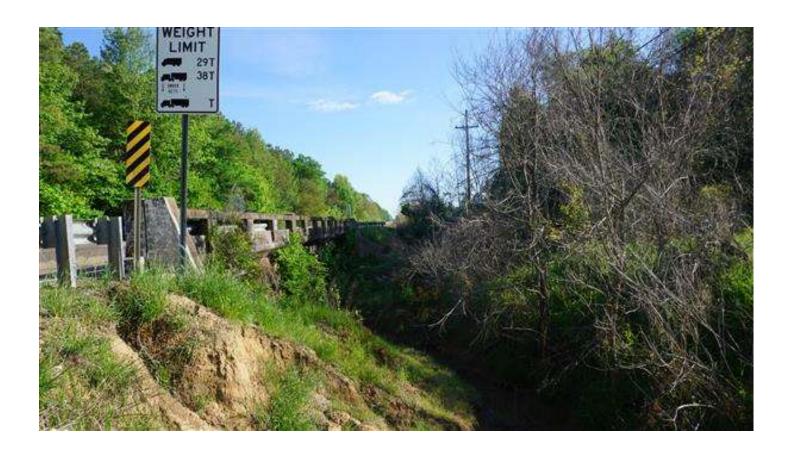


# **Load Rating Report**

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,JerryStructure Number:210005104512660

Inspection Date: 08/07/2023 Facility Carried: US 51

### **Bridge Inspection Report**

## **Load Rating**

RATING DATE 08/08/2023	NBI ITEMS										
CREEK	(003) COUNTY	089 - MADISON	089 - MADISON								
Q411   POSTING STATUS	(007) FACILITY CARRIED			US 51	US 51						
(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)  2 - M 13.5  (091) DESIGNATED INSPECTION FREQ  12 MONTHS  RATED BY TODERTS  RATED BY TODERTS  RATING DATE 08/08/2023  RATED BY Kchampney  RATED BY KCHAMPNEY  RATED BY KCHAMPNEY  RATED BY TODERTS  RATED BY TODERTS  RATED BY TODERTS  RATED BY KCHAMPNEY  RATED BY KCHAMPNEY  RATED BY KCHAMPNEY  RATED BY TODERTS  RATED BY KCHAMPNEY  RATED BY TODERTS  RATED BY KCHAMPNEY  RATED	(006) FEATURES INTERSECTED			CREEK	CREEK						
1063  OPERATING RATING METHOD   2 - Allowable Stress (AS)   (064) OPERATING RATING   30.7   TONS	(041) POSTING STATUS			P - Posted for Loa	P - Posted for Load						
(103) TEMP STRUCTURE (070) BRIDGE POSTING	(065) INVENTORY RATING METHOD			2 - Allowable Stre	2 - Allowable Stress (AS)			(066) INVENTORY RATING 18.4			
2 - 20 0-29.9% below legal loads (3-5 tons)     3	(063) OPERATING RATING METHOD			2 - Allowable Stre	2 - Allowable Stress (AS) (064			34) OPERATING RATING 30.7			
12   M 13.5   12   MONTHS   12   MONTHS   13   MONTHS   14   MONTHS   15   MONTHS	(103) TEMP STRUCTURE										
12   MONTHS   12   MONTHS   13   MONTHS   14   MONTHS   15   MONTHS	(070) BRIDGE POSTII	2 - 20.0-29.9% b	2 - 20.0-29.9% below legal loads (3-5 tons)								
REPORT PARAMETERS  RATED BY ITOBERTS  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	(031) DESIGN LOAD			2 - M 13.5	2 - M 13.5						
RATING DATE 08/08/2023	(091) DESIGNATED II	12 <sub>MONTHS</sub>									
RATING DATE 08/08/2023	REPORT PARAMETERS										
### RATING CAPACITY INFO  ### H TRUCK				RATED BY rroberts							
H TRUCK   25.0   TONS	RATING DATE 08/08/2023 CHECKED BY kchampney										
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	RATING CAPACITY INFO										
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	H TRUCK	25.0	TONS	TANDEM AXLE	23.1	TONS	EV2 LIMIT	27.0	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	HS SHORT	33.1	TONS	SINGLE AXLE	21.6	TONS	EV3 LIMIT	27.5	TONS	<b>:</b>	
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	HS LONG	38.6	TONS								
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	DOSTING INFO										
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		25	TONS	TANDEM AXLE LIMIT		TONS	EV SINGLE AXL	-E 15	<del>.</del>	TONS	
HS LONG LIMIT 38 TONS GVW LIMIT TONS EV GROSS 27 TONS  PERMITTING  AUTOMATED PERMITTING		-								TONO	
PERMITTING  AUTOMATED PERMITTING		33	TONS			TONS		19	)	TONS	
AUTOMATED PERMITTING	HS LONG LIMIT	38	TONS	GVW LIMIT		TONS	S EV GROSS	27	7	TONS	
0	PERMITTING										
COMMENTS	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 Structure Number: 210005104512660

Inspection Date: 08/07/2023 Facility Carried: US 51

#### **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

County: MADISON Structure Number: 210005104512660 Facility Carried: US 51

Inspection Date: 8/8/2023 Bridge ID: 13017 Feature Intersected:

CREEK

Rated by: rroberts Structure Number: 210005104512660 Facility Carried: US 51

Rating Date: 8/8/2023 Bridge ID: 13017 Feature Intersected:

**CREEK**