



Load Rating Report

US 80

over

TONACANA CREEK

NEWTON County

• STRUCTURE NUMBER

210008005112140

• BRIDGE ID

13541



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:	NEWTON	Structure Number:	210008005112140	Facility Carried:	US 80
Inspection Date:	8/8/2023	Bridge ID:	13541	Feature Intersected:	TONACANA CREEK

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

Structure Number: 210008005112140
Facility Carried: US 80

Bridge Inspection Report

Load Rating

NBI ITEMS

(003) COUNTY	101 - NEWTON			
(007) FACILITY CARRIED	US 80			
(006) FEATURES INTERSECTED	TONACANA CREEK			
(041) POSTING STATUS	P - Posted for Load			
(065) INVENTORY RATING METHOD	1 - Load Factor (LF)	(066) INVENTORY RATING	24.1	TONS
(063) OPERATING RATING METHOD	1 - Load Factor (LF)	(064) OPERATING RATING	40.1	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	rnroberts
RATING DATE	08/08/2023	CHECKED BY	kchampney

RATING CAPACITY INFO

H TRUCK	31.1	TONS	TANDEM AXLE	27.9	TONS	EV2 LIMIT	34.2	TONS
HS SHORT	43.5	TONS	SINGLE AXLE	25.5	TONS	EV3 LIMIT	35.3	TONS
HS LONG	48.2	TONS						

POSTING INFO

H TRUCK LIMIT		TONS	TANDEM AXLE LIMIT		TONS	EV SINGLE AXLE	16	TONS
HS SHORT LIMIT	40	TONS	SINGLE AXLE LIMIT		TONS	EV TANDEM AXLE	25	TONS
HS LONG LIMIT		TONS	GVW LIMIT		TONS	EV GROSS	34	TONS

PERMITTING

AUTOMATED PERMITTING ☐

COMMENTS

Inspector:	Smith, Jerry	Structure Number:	210008005112140
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Bridge Inspection Report

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Feature Intersected:
TONACANA CREEK