



# RECENTLY CLOSED OR WEIGHT RESTRICTED BRIDGES IN NORTHEAST MISSOURI



J0359 Lewis 16 E 11/20/14  
Pier 3 east side with large shear crack on east column end with medium spall on south side cap face at bearing sounds hard

### Lewis MO 16 North Fabius River Bridge

west of Monticello  
Dec. 5, 2014 Reduced to a one lane bridge with temporary signals in place.

Exterior concrete girders and bearings/pier caps are pressing concerns so we need to get the load to the interior of the bridge. Bridge is 84 years old



J0157 Lewis 16 11/19/14  
Bent 7 south side of cap with large spall

### Lewis MO 16 Middle Fabius River Bridge

west of Monticello  
Dec. 5, 2014 Load posted with a restriction of 15 mph for any trucks over 21 tons. Superstructure had deterioration on floor beams and lower chord of truss system and exterior concrete deck girders. Bridge is 84 years old

TRUCKS  
OVER  
21 TON  
15 MPH  
ON  
BRIDGE



### Macon Route D Bridge over BNSF Railroad

north edge of LaPlata  
Dec. 9, 2014 Load Posted Weight Limit 20 Tons. Considerable spalling of concrete, deterioration on stirrups, bottom main and reinforcement on substructure beam caps. Bridge is 79 years old



### Montgomery MO 161 Elkhorn Creek Bridge

south of Middletown near Buell  
Sept. 15, 2014 Bridge Closed.  
Oct. 22, 2014 Bridge Repaired.  
Bridge reopened with Weight restrictions. Bridge is 85 year old

TRUCKS  
OVER  
14 TON  
15 MPH  
ON  
BRIDGE  
EXCEPT  
MAX.  
WEIGHT LIMIT  
SINGLE UNIT  
21 TON  
OTHERS  
37 TON



K0307 Pike 79 S 11/1/14  
SP 3 L-1" R UNDERSIDE OF DECK W/ RIVY  
SPALLING REBAR EXPOSED 4% REMAINING  
TWO FT INTO DRIVING LANE

WEIGHT  
LIMIT  
10  
TONS

### Pike MO 79 Big Calumet Creek Bridge

north of Clarksville  
Nov. 19, 2014—Weight Limit Reduced to 10 Tons. Regular inspection revealed continued deterioration. Bridge is 79 years old

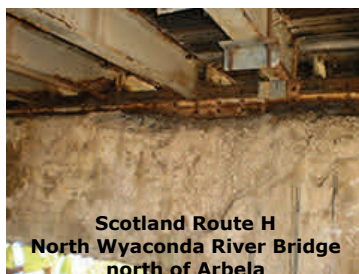


K0322 Pike 79 S 11/1/14  
SP 3 W SIDE W SEVERAL GUSSES FROM  
WEB STIFFENER TO FB W/ LARGE HOLES  
RUSTING THRU TYP THROUGH BOTH  
SIDES @ ROADWAY

WEIGHT  
LIMIT  
10  
TONS

### Pike MO 79 Guinn's Creek Bridge

just south of Annada  
Nov. 19, 2014—Weight Limit Reduced to 10 Tons. Regular inspection revealed continued deterioration. Dec. 18 Repairs allowed posting to go to 15 tons for a single unit and 25 tons for a semi. Bridge is 79 years old



### Scotland Route H North Wyaconda River Bridge

north of Arbela  
Oct. 23, 2014—BRIDGE CLOSED  
Regular inspection revealed deterioration of steel angles the stringers rest on requiring closure. Bridge is 65 year old

## Approximate vehicle weights

Lower weight limits for about 1,000 bridges in the region will mostly affect heavy truck traffic:



AVERAGE STANDARD  
CAR: **1.5 TONS**



AVERAGE PICKUP  
TRUCK: **3 TONS**



AVERAGE  
AMBULANCE: **5 TONS**



AVERAGE DELIVERY  
TRUCK: **6 TONS**



AVERAGE  
LOADED  
SCHOOL BUS:  
**17 TONS**



AVERAGE LOADED  
GARBAGE TRUCK:  
**25 TONS**



AVERAGE  
LOADED  
CHARTER  
BUS:  
**20 TONS**



AVERAGE  
FIRE TRUCK:  
**19-30 TONS**



AVERAGE LOADED  
PLOW TRUCK:  
**28 TONS**



AVERAGE LOADED  
CEMENT TRUCK:  
**33 TONS**



AVERAGE LOADED  
DUMP TRUCK:  
**36 TONS**

AVERAGE  
LOADED  
TRACTOR  
TRAILER:  
**40 TONS**



### Structurally Deficient

District	Non-state Structures	STATE Structures	Grand Total In Missouri
<b>Total</b>	<b>2200</b>	<b>1058</b>	<b>3258</b>
NE	263	163	426

### Functionally Obsolete

District	Non-state Structures	STATE Structures	Grand Total In Missouri
<b>Total</b>	<b>1666</b>	<b>908</b>	<b>2574</b>
NE	330	50	380

\* Restrictions on bridges will affect the majority of Agricultural and Commercial Truck Traffic

\* Overweight/Overdimension permit traffic permanently restricted

(Additional overweight loads will cause increased deterioration and could cause more postings or closures).