

SCOTT COUNTY ENGINEER'S OFFICE

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MEMO

TO: Mahesh Sharma
County Administrator

FROM: Jon Burgstrum, P.E.
County Engineer

SUBJ: Resolution Approving Bridge Postings

DATE: October 24, 2017

This resolution is in regards to updating weight limit restrictions of certain bridges on the secondary road system.

The Board of Supervisors is empowered under the Code of Iowa to prohibit the operation of vehicles or impose limitations as to the weight of vehicles on designated highways or highway structures under their jurisdiction. Our bridges are inspected in accordance with the National Bridge Inspection Standards. These inspections are performed in part by our consultant Calhoun – Burns & Associates and in part by county staff.

During the past year, two posted bridges have been replaced and therefore no longer require load limit restrictions.

It has been determined that five bridges require posting of load limit restrictions. The Iowa Department of Transportation Enforcement Branch will not write citations for violations of bridge postings unless a resolution has been passed by the Board authorizing the restrictions. The attached resolution also gives local law enforcement and the County Attorney a defensible position while prosecuting violators.

We presently have five posted bridges in the county. Three of the five bridges are scheduled for replacement in our Five – Year Program.

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY THE BOARD OF SUPERVISORS ON _____ DATE _____

 SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

NOVEMBER 2, 2017

APPROVAL OF WEIGHT RESTRICTIONS ON VARIOUS COUNTY BRIDGES

BE IT RESOLVED by the Scott County Board of Supervisors

Section 1. The Scott County Board of Supervisors is empowered under authority of Sections 321.236 Sub. (8), 321.255 and 321.471 to 321.473 to prohibit the operation of vehicles or impose limitations as to weight thereof on designated highways or highway structures under their jurisdiction.

Section 2. The County Engineer has completed or has caused to be completed the Structure Inventory and Appraisal of certain Scott County Bridges, in accordance with the National Bridge Inspection Standards and has determined that the status of certain bridges should change.

Section 3. The County Engineer has determined that the following Scott County Bridges are now adequate for legal loads at allowable operating limits:

County Bridge Number	FHWA Number	Feature Crossed	Location	Previous Load Limit	Present Load Limit
33B Allens Grove	303381	Tributary to Mud Creek	80-02-33	14,21,21	Legal
6B Liberty	303070	Tributary to Rock Creek	80-01-06	21,31,40	Legal

Section 4. The County Engineer has determined that the following Scott County Bridges are inadequate for two-lane legal loads at allowable operating stress:

County Bridge Number	FHWA Number	Feature Crossed	Location	Load Limit
7 Princeton	302910	Lost Creek	79-05-07	13,16,16
8A Butler	303590	Glynn Creek	80-04-08	One Truck on Bridge
17C Sheridan	302670	Hickory Creek	79-03-17	One Truck on Bridge
27H LeClaire	302990	McCarty Creek	79-05-27	22,30,30
29E Cleona		Big Elkhorn Creek	79-01-29	20,32,38

Section 5. That vehicle and load limits are established and that signs be erected advising of the permissible maximum weights on the bridges listed.

Section 6. That vehicle and load limit signs be removed advising of permissible maximum weights on the bridges listed.

Section 7. This resolution shall take effect immediately.