

SCOTT COUNTY ENGINEER'S OFFICE

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MEMO

TO: Mahesh Sharma
County Administrator

FROM: Angie Kersten, P.E.
County Engineer

SUBJ: Resolution Approving Bridge Postings

DATE: May 30, 2023

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 (NBIS). These inspections are performed in part by our consultant Calhoun-Burns & Associates and in part by county staff.

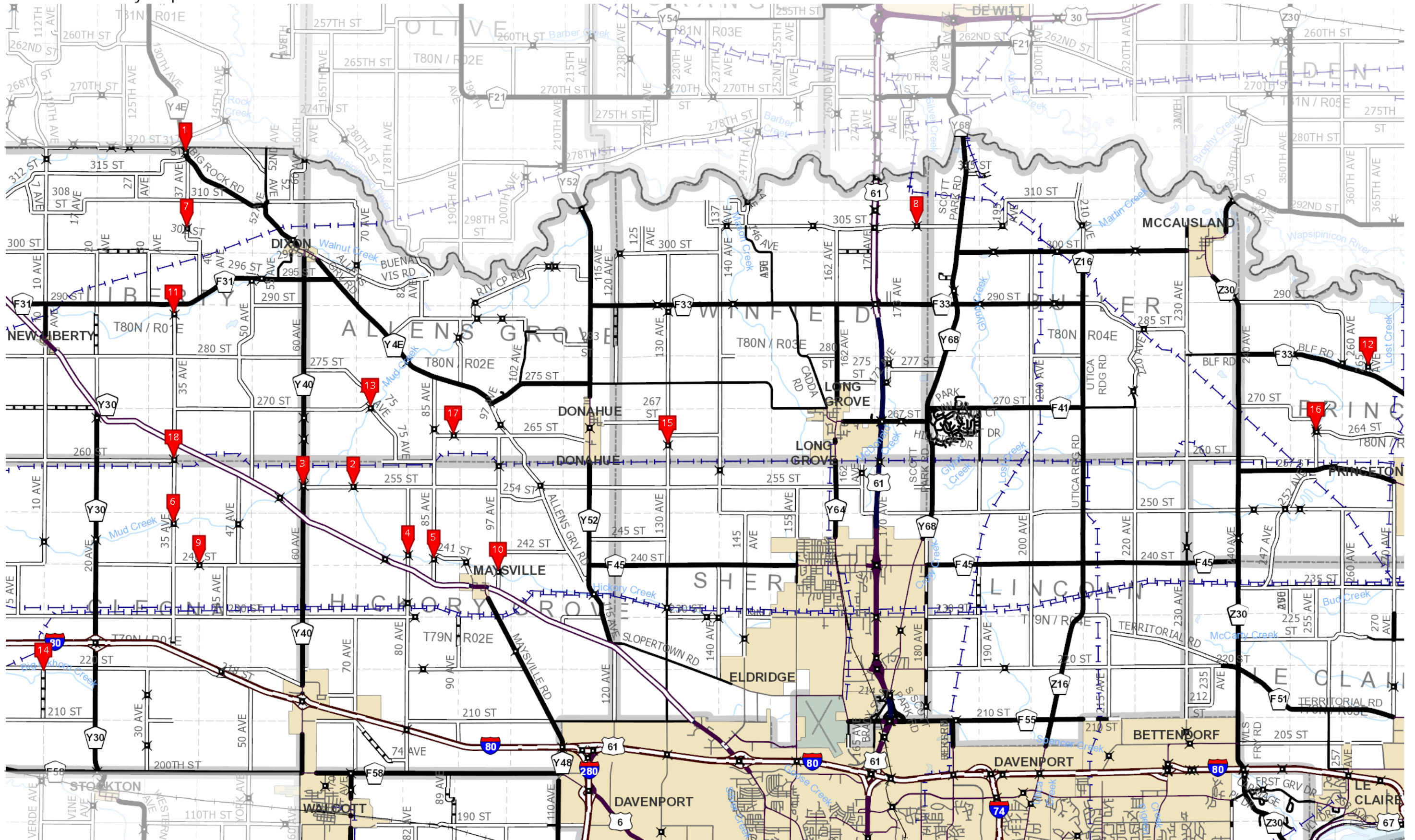
Based on NBIS inspections that were performed this spring, it has been determined that five presently posted bridges require further reduced load limit restrictions and two additional bridges require posting of load limit restrictions. The Iowa Department of Transportation Enforcement Branch will not 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.

Listed below are the bridges that are presently posted for load limit restrictions with the new additions showing in red bold text:

Map ID #	County Bridge Number	FHWA Number	Feature Crossed	Location	Load Limit
1	3C Liberty	303010	Rock Creek	80-01-03	28,48,40
2	6 Hickory Grove	302500	Hickory Creek	79-02-06	28,48,40
3	6E Hickory Grove	302480	Mud Creek	79-02-06	28,48,40
4	9B Hickory Grove	302510	Hickory Creek	79-02-09	28,48,40
5	9C Hickory Grove	302521	Hickory Creek	72-02-09	One Lane
6	10 Cleona	302370	Mud Creek	79-01-10	28,48,40
7	10E Liberty	303081	Tributary to Walnut Creek	80-01-10	23,39,38
8	12 Winfield	303451	Tributary to Wapsipinicon River	80-03-12	28, 40 ,40
9	15 Cleona	302410	Tributary to Mud Creek	79-01-15	28, 40 ,40
10	15A Hickory Grove	302550	Hickory Creek	79-02-15	28,48,40
11	22F Liberty	303160	Walnut Creek	80-01-22	One Lane & 26,38,38
12	28K Princeton	303730	Lost Creek	80-05-28	26,48,40
13	29D Allens Grove	303331	Mud Creek	80-02-29	28,48,40
14	29E Cleona	N/A	Big Elkhorn Creek	79-01-29	20,32,38
15	32C Winfield	303561	Tributary to Mud Creek	80-03-32	28, 40 ,40
16	32H Princeton	303760	Lost Creek	80-05-32	28,48,40
17	33 Allens Grove	303371	Tributary to Mud Creek	80-02-33	One Lane & 20,31,31
18	34I Liberty	303180	Tributary to Mud Creek	80-01-34	13,19,20

Bridge Postings - June 8, 2023

Scott - ICEASB Easy Map



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

SCOTT COUNTY AUDITOR

RESOLUTION

SCOTT COUNTY BOARD OF SUPERVISORS

JUNE 8, 2023

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 inadequate for two-lane legal loads at allowable operating stress:

County Bridge Number	FHWA Number	Feature Crossed	Location	Load Limit
3C Liberty	303010	Rock Creek	80-01-03	28,48,40
6 Hickory Grove	302500	Hickory Creek	79-02-06	28,48,40
6E Hickory Grove	302480	Mud Creek	79-02-06	28,48,40
9B Hickory Grove	302510	Hickory Creek	79-02-09	28,48,40
9C Hickory Grove	302521	Hickory Creek	79-02-09	One Lane
10 Cleona	302370	Mud Creek	79-01-10	28,48,40
10E Liberty	303081	Tributary to Walnut Creek	80-01-10	23,39,38
12 Winfield	303451	Tributary to Wapsipinicon River	80-03-12	28,40,40
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34I Liberty	303180	Tributary to Mud Creek	80-01-34	13,19,20

Section 4. That vehicle and load limits are established and that signs be erected advising of the permissible maximum weights on the bridges listed.

Section 5. This resolution shall take effect immediately.