

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: July 16, 2019

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.

It has been determined that twenty 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.

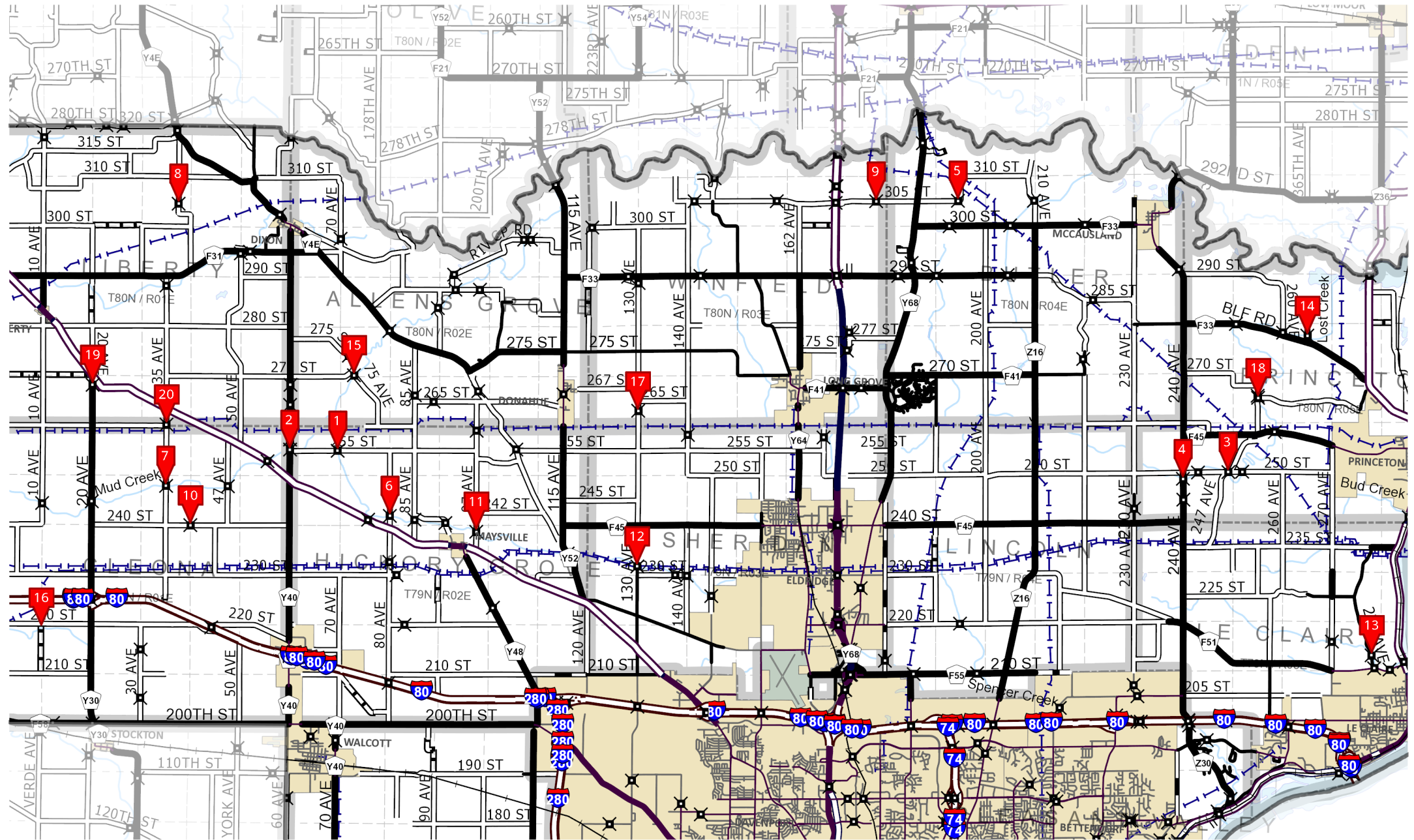
In 2018, the Iowa State Legislature amended Iowa Code Section 321.463, Subsection 9 to allow construction vehicles transporting materials or equipment on local roads to operate under the maximum gross weight table for primary highways. Calhoun-Burns & Associates has reviewed our bridges in regards to this increased weight allowance and twelve bridges now require load limit restrictions due to this increased weight allowance. These heavier loads are allowed without requiring a permit, which in turn required our bridges to be analyzed for the heavier loads and subsequently posted with weight restrictions where necessary.

Six of the bridges are scheduled for replacement in our Five – Year Program.

Bridge Postings - 2019

Scott - ICEASB Easy Map

9:48 AM, Tue, Jul 16, 2019



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

JULY 25, 2019

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
6 Hickory Grove	302500	Hickory Creek	79-02-06	28,40,40
6E Hickory Grove	302480	Mud Creek	79-02-06	28,40,40
7 Princeton	302910	Lost Creek	79-05-07	13,16,16
7F Princeton	302940	Lost Creek	79-05-07	28,40,40
8A Butler	303590	Glynn Creek	80-04-08	One Truck on Bridge
9B Hickory Grove	302510	Hickory Creek	79-02-09	28,40,40
10 Cleona	302370	Mud Creek	79-01-10	28,40,40
10E Liberty	303081	Tributary to Walnut Creek	80-01-10	28,40,40
12 Winfield	303451	Tributary to Wapsipinicon River	80-03-12	28,40,40
15 Cleona	302410	Tributary to Mud Creek	79-01-15	28,40,40
15A Hickory Grove	302550	Hickory Creek	79-02-15	28,40,40
17C Sheridan	302670	Hickory Creek	79-03-17	One Truck on Bridge
27H LeClaire	302990	McCarty Creek	79-05-27	22,30,30
28K Princeton	303730	Lost Creek	80-05-28	26,40,40
29D Allens Grove	303331	Mud Creek	80-02-29	28,40,40
29E Cleona	N/A	Big Elkhorn Creek	79-01-29	20,32,38
32C Winfield	303561	Tributary to Mud Creek	80-03-32	28,40,40
32H Princeton	303760	Lost Creek	80-05-32	28,40,40
33H Liberty	303170	Tributary to Mud Creek	80-01-33	24,40,40
34I Liberty	303180	Tributary to Mud Creek	80-01-34	20,30,30

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.