

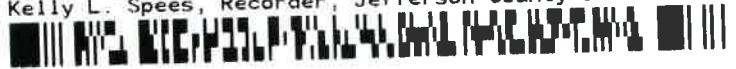
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MSO ORDINANCE

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Kelly L. Spees, Recorder, Jefferson County Iowa



**Jefferson County Roadway and Bridges Construction and Reconstruction
Ordinance**

Recorder's Cover Sheet

Preparer Information: Jefferson County Attorney, 51 W. Hempstead Ave., Fairfield, IA
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Return Document To: Jefferson County Auditor, 51 E. Briggs Ave., Fairfield, IA 52556

Between:

**Jefferson County, Iowa
51 E. Briggs Ave.
Fairfield, Iowa 52556**

AN ORDINANCE AMENDING JEFFERSON COUNTY CODE OF ORDINANCES (2010),
ADDING CHAPTER 6-50 ESTABLISHING A POLICY FOR THE CONSTRUCTION AND
RECONSTRUCTION OF ROADWAYS AND BRIDGES ON THE JEFFERSON COUNTY
SECONDARY ROAD SYSTEM.

BE IT ENACTED BY THE JEFFERSON COUNTY BOARD OF SUPERVISORS THAT:

I. Amendment. The Jefferson County Code of Ordinances is amended by adding Chapter 6-50, which states:

“Chapter 6-50. Secondary Road System Construction and Reconstruction Policy.

SECTION 1. Purpose. The purpose of this ordinance is to establish Jefferson County’s policy for the construction of roads, reconstruction of roads, construction of bridges, reconstruction of bridges and other roadway and drainage features associated with road and bridge construction.

SECTION 2. Level of Service. The level of service shall be based on traffic counts, pavement type, roadway geometrics and other data used in accepted engineering design as established by the County Engineer, Iowa Department of Transportation and the Federal Highway Administration.

SECTION 3. Design Criteria.

In implementation, this policy shall set the minimum design standards that Jefferson County will follow in the construction or reconstruction of roads and bridges. These criteria shall be based on accepted engineering practices and standards established by the Iowa Department of Transportation and the Federal Highway Administration.

The County Engineer shall assure the minimum design standards established herein are adhered to in a uniform manner unless, in the Engineer’s professional judgment, a deviation from standards is warranted. Minimum design standards are not subject to discretionary enforcement. Any deviations must be documented as unreasonable and or impossible to implement by the County Engineer and/or the County Board of Supervisors.

1. Paved Routes

a. New Pavement

1. New pavement shall be constructed with a 22’ wide pavement and granular shoulders. Intersections with non-paved roads shall have pavement extended back onto the intersecting road 25’ beyond the end of the intersection radius.
2. Paved shoulders and edge line rumble stripes shall be constructed if crash data warrants based on accepted Highway Safety Improvement

Program (HSIP) and Transportation Safety Improvement Program (TSIP) cost/benefit analysis.

3. Rumble panels shall be installed on all approach stop situations.
4. Either Concrete pavement or Hot Mix Asphalt pavement will be the first choice for pavement, provided that the clear zone and shoulder widths can be maintained by design requirements.

b. Reconstruction of Pavement

1. Paved roads shall be reconstructed with a 22' wide pavement or to the previous pavement width, whichever is greater, with granular shoulders.
2. Rumble panels shall be installed on all approach stop situations.
3. Either Concrete pavement or Hot Mix Asphalt pavement, whichever matches the existing pavement type, will be the first choice for pavement, provided that the clear zone and shoulder widths can be maintained by design requirements.

2. Unpaved Roads

a. Gravel Roads

1. New construction of a gravel road shall have a 28' wide finished top, including shoulders.
2. Reconstruction of a gravel road shall be to the previous width prior to reconstruction.

b. Class B & C Roads

1. Class B and C roads will be built to the minimums as outlined by Iowa Code.

3. Bridges and Drainage Structures

a. Paved Routes

1. Bridges on paved routes shall be built with a minimum width of 30'. Wider structures will be installed when there are issues relating to oversized vehicles, pedestrian facilities, turn-lane requirements, existing wider travel-way, extra traffic lanes, bicycle usage or other issues where the additional width is deemed to be warranted.
2. Culverts under paved roads shall be concrete, or galvanized corrugated metal pipe with additional plastic coating.
3. Pipe culverts larger than 54" in diameter may be substituted with reinforced box culverts.
4. Design for drainage structures will be governed by accepted hydraulic design standards. Input from IDNR, Corp of Engineers, Iowa DOT, NRCS, or USGS may impact the size and type of the structure to be placed.
5. Drainage water and livestock will use separate structures whenever possible.

b. Unpaved Routes

1. Bridges will normally be a minimum of 24' wide on gravel roads. Dead end roads may be narrower at the discretion of the County Engineer
2. Culverts may be metal, dual wall plastic (up to 48" diameter), or concrete. Pipe culverts larger than 60" in diameter may be substituted with reinforced box culverts or with steel pipes made from salvaged railroad tanker cars.
3. Design for drainage structures will be governed by accepted hydraulic design standards. Input from IDNR, Corp of Engineers, Iowa DOT, NRCS, or USGS may impact the size and type of the structure to be placed.
4. Water and livestock will use separate structures whenever possible.

c. Class B & C Roads

1. Class B and C roads will be built to the minimums as outlined by Iowa Code.

d. Entrance Bridges. Any and all bridges and drainage structures that are fully or partially in the road right-of-way, which serve as entrances to private property from the public roadway, shall be considered the jurisdiction and responsibility of the County. If a structure does not sit fully or partially in the road right-of-way it will be considered a private structure and not under the jurisdiction of the County.

II. Severability Clause. If any of the provisions of this ordinance are for any reason illegal or void, then the lawful provisions of this document, which are separable from the unlawful provision shall be and remain in full force and effect, the same as if the ordinance contained no illegal or void provisions.

III. Effective Date. This ordinance shall be in effect immediately after its final passage and publication as provided by law. In addition, this ordinance shall remain in effect until such time the Board of Supervisors passes a future ordinance repealing this ordinance.

IV. Publication, Hearing, Approval, Adoption, and Filing of:

AN ORDINANCE AMENDING JEFFERSON COUNTY CODE OF ORDINANCES (2010), ADDING CHAPTER 6-50 ESTABLISHING A POLICY FOR THE CONSTRUCTION AND RECONSTRUCTION OF ROADWAYS AND BRIDGES ON THE JEFFERSON COUNTY SECONDARY ROAD SYSTEM.

Public hearing notice published on April 27, 2017 in The Fairfield Ledger and Clarion-Plainsman

First Reading on May 1, 2017.

Second Reading on waived, 2017.

Third Reading on waived, 2017.


Passed by the Board of Supervisors on this 1st day of May, 2017.


Chairman


Supervisor


Supervisor

Attest:


County Auditor

Publication of full text on May 5, 2017, in
The Fairfield Ledger + May 11, 2017, in Clarion-Plainsman