

IOWA COUNTY ORDINANCE NO. 29

TITLE: AN ORDINANCE TO ESTABLISH A POLICY FOR THE CONSTRUCTION AND RECONSTRUCTION OF ROADWAYS AND BRIDGES ON THE IOWA COUNTY SECONDARY ROAD SYSTEM.

Be it enacted by the Board of Supervisors of Iowa County, Iowa:

SECTION 1. Purpose. The purpose of this ordinance is to establish Iowa 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 Iowa 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 his or her 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.

SECTION 4. Paved Routes.

A) New Pavement:

- 1) New pavement shall be constructed with a 24' wide pavement and granular shoulders. Intersections with non-paved roads shall have pavement extended back onto the intersecting road 30' beyond the edge of mainline paving.
- 2) Pavement fillets will be placed at all driveways/entrances.

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.

- Intersections with non-paved roads shall have pavement extended back onto the intersecting road 30' beyond the edge of mainline paving.
- 2) Pavement fillets will be placed at all driveways/entrances.

SECTION 5. Unpaved Roads.

A) Gravel Roads:

- 1) New construction of a gravel road shall have a 28" 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 minimum standards as outlined by Iowa Code.

SECTION 6. Bridges & 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, biking usage or other issues where the additional width is felt to be warranted.
- 2) Culverts under paved roads shall be concrete.
- 3) Bridges or culverts 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) Water and livestock will use separate structures whenever possible.

B) Unpaved Routes:

- 1) Bridges will be a minimum width of 25' on gravel roads.
- 2) Culverts may be metal or concrete. Bridges or culverts may be substituted with reinforced box culverts.
- 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:

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

D) Entrance Bridges:

Any and all bridges/drainage structures that are fully and partially in the road right-of-way that 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.

SECTION 7. Repealer. All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

SECTION 8. Severability Clause. If any section, provision, or part of this ordinance shall be adjudged invalid or unconstitutional, such adjudication shall not affect the validity of the ordinance as a whole or any section, provision or part thereof not adjudged invalid or unconstitutional.

SECTION 9. Effective Date. This ordinance shall be effective after its final passage, approval and publication as provided by law.

Effective Date: February 5, 2016