

CODE  
OF  
ORDINANCE

CHAPTER 15  
CONSTRUCTION AND RECONSTRUCTION OF ROADWAYS  
AND BRIDGES ON THE ADAMS COUNTY SECONDARY ROAD SYSTEM

15.01 Purpose  
15.02 Level of Service  
15.03 Design Criteria

15.04 Repealer  
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**15.01 PURPOSE**

The purpose of this ordinance is to establish Adams 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.

**15.02 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.

**15.03 DESIGN CRITERIA**

In implementation, this policy shall set the minimum design standards that Adams 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.

**PAVED ROUTES**

A) New Pavement

1) New pavement shall be constructed with 22' wide pavement and granular shoulders.

2) Rumble strips shall be installed on all approach stop situations.

**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 strips shall be installed on all approach stop situations.

**UNPAVED ROADS**

**A) Granular Surfaced Roads**

- 1) New construction of a granular surfaced road shall have a 28' finished top including shoulders.
- 2) Reconstruction of a granular surfaced 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.

**BRIDGES & DRAINAGE STRUCTURES**

**A) Paved Routes**

- 1) Bridges on paved routes shall be built with a minimum width of 30'.
- 2) Culverts under paved roads may be metal or concrete.
- 3) Pipe culverts larger than 54" in diameter may be substituted with reinforced concrete 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.

**B) Unpaved Routes**

- 1) Bridges will normally be a minimum of 24' on granular surfaced roads.
- 2) Culverts may be metal or concrete.
- 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.

**C) Class B & C Roads**

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

**D) Entrance Bridges**

Any and all bridges/drainage structures that are fully or 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 not under the jurisdiction of the county.

**15.04 REPEALER**

All ordinances and resolutions, or parts thereof, in conflict herewith are hereby repealed.

**15.05 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.