

SECTIONS

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7.20.010 PURPOSE. The purpose of this chapter is to provide road classifications based on the level of service provided and to establish road and bridge standards for new, or the reconstruction of, County transportation infrastructure. All County roads are classified by the area service system and designated as “Area Service A”, “Area Service B”, or “Area Service C”. These classifications serve to provide for an appropriate level of construction standards, maintenance effort and access restrictions as provided for in Iowa Code Section 309.57.

7.20.020 DEFINITIONS. For use in this chapter certain terms or words used herein shall be interpreted or defined as follows:

7.20.020.01	BOARD:	The Board of Supervisors of Pottawattamie County, Iowa.
7.20.020.02	COUNTY:	Pottawattamie County, Iowa.
7.20.020.03	COUNTY ENGINEER	The licensed professional engineer of Pottawattamie County, Iowa.
7.20.020.04	AREA SERVICE SYSTEM	Those public roads outside of municipalities not otherwise classified.
7.20.020.04.A	AREA SERVICE LEVEL A	Area Service Level A Roads shall be the highest level of service constructed and maintained in conformance with applicable State Statutes. The type of surfacing will vary based on Federal Functional, State, and Local Classifications; terrain and traffic count.
7.20.020.04.B	AREA SERVICE LEVEL B	Area Service Level B Roads are area service roads with a reduced level of maintenance from Area Service Level A roads. Area Service Level “B” roads do not provide all weather surfacing.

Area Service B Roads shall not mean what is construed in the normal sense as a driveway or a private lane to a farm building or dwelling.

7.20.020.04.C AREA SERVICE LEVEL C

Area Service Level C Roads are area service roads with a reduced level of maintenance from Area Service A or B roads and have restricted access.

Area Service C Roads shall not mean what is construed in the normal sense as a driveway or a private lane to a farm building or dwelling.

7.20.020.04.D ROAD VACATION

Official Action that abandons public road easement or ownership to private property, however utility easements continue to exist.

7.20.030 AREA SERVICE “A” ROADS. All roads shall be Area Service “A” Roads, unless reclassified or vacated by Board resolution. The construction, or reconstruction, of Area Service “A” Roads shall conform to the American Association of State Highway and Transportation Officials (AASHTO) design guidelines, with further guidance as provided by the Iowa Department of Transportation and the Iowa Statewide Urban Design and Specifications.

All new Construction, or reconstruction, shall meet the applicable design requirements in effect at the time and provide an equal or greater design life than the original structure. New construction, as well as reconstructed projects shall comply with those practices accepted and supported by following publishers, and sealed by an Iowa Licensed Professional Engineer.

- The Iowa Department of Transportation, examples include the Instructional Memorandums to Local Agencies. http://www.iowadot.gov/local_systems/publications/im/imtoc.pdf
- AASHTO publications, examples include the Geometric Design Guide, Low Volume Road Design Guide, Guide for Design of Pavement Structures, and Etc.
- Federal Highway Administration
- Iowa Statewide Urban Design and Specifications (SUDAS) <http://www.iowasudas.org/>

The County Engineer shall assure the minimum design standards established herein are adhered to in a uniform manner; unless in the County Engineer's professional opinion a deviation from the standards is warranted. Deviations may be necessary due to unreasonable or impossible implementation of the established minimum design requirements. The deviation shall be documented and supported by the a credible reference, such as AASHTO Low Volume Road Design Guide, the Statewide Urban Design and Specifications, or other published and accepted practices.

The Standards provided for above will be applied to Pottawattamie County projects as minimally provided below. This design criteria shall be applied to new projects, unless more restrictive design criteria has been issued by the Iowa DOT or FHWA; in which case that criteria will supersede this ordinance. All roads and structures will be designed with the current design vehicle as specified by AASHTO.

Project Type	Design Life	Maximum Backwater*	Minimum Freeboard*
Bridges (less than 40')	30 Years	Q ₅₀ less than 0.75feet	3.0 feet above Q ₅₀
		Q ₁₀₀ less than 1.5 feet	
Bridge (greater than 40')	50 Years	Q ₅₀ less than 0.75feet	3.0 feet above Q ₅₀
		Q ₁₀₀ less than 1.5 feet	
Culverts (18" diameter minimum)	20 Years	Backwater of existing culvert or maximum backwater allowed for bridges, whichever is greater.	
Asphalt Pavements	20 Years		
Concrete Pavements	30 Years		
Seal Coat/Stabilized Base	12 Years		
Aggregate Surfacing	2 Years		
* If the Iowa DOT design criterion exceeds the County design criteria, the Iowa DOT criteria shall be used for design.			

Surfacing shall be provided on Area Service “A” roads according to Federal, State and Local classifications. Concrete, asphalt and gravel will be used as surfacing materials as determined by the Board of Supervisors. Surfacing may be upgraded by Special Assessment or Private Funds as provided for in Iowa Code Section 311.

7.20.030.01	How Established	The Board will consider approval of new roadways upon request; the developer shall be responsible for the construction costs; compliance with the applicable design standards; and provide construction plans sealed by an Iowa Licensed Professional Engineer. Acceptance of any new roadway shall only be by resolution of the Board.
7.20.030.01.A	Surfacing	The surface type shall be appropriate for the designed use and future traffic. Surface type may be changed by resolution of the Board, as recommended by the County Engineer.
7.20.030.01.B	Subdivisions	Subdivisions, as provided for in other County Code Sections, shall comply with the provisions of Area Service “A” Roads. The expense of the development shall be at the cost of the developer, whom shall provide construction plans sealed by a Iowa Licensed Professional Engineer to the County Engineer for review.
7.20.030.01.C	Special Assessment	Road Improvements for inclusion in the County System may be paid for by Special Assessment or Private Funds as provided in Iowa Code Section 311.
7.20.030.02	Notice of Action	Before the Board may take action

to establish an Area Service A road, a notice of the proposed action, including the location of the road and the time and place of the meeting at which the Board proposes to take action, shall be published as provided in Iowa Code Section 331.305.

7.20.030.03 Board Action

At the meeting the Board shall receive oral or written comments from a resident or property owner of the County. After all comments have been received and considered, the Board at that meeting or a date to which it is adjourned, may take action after consultation with the County Engineer.

7.20.040 AREA SERVICE “B” ROADS. The Board is empowered under authority of Chapter 309.57 of the Code of Iowa to classify secondary roads on the Area Service System in the County as Area Service “B” roads so as to provide for reduced level of maintenance effort on roads so designated.

7.20.040.01 How Established

The Board shall, by resolution, declare its intention to establish an Area Service “B” road in the County after consulting with the County Engineer.

7.20.040.02 Notice of Action

Before the Board may take action to establish an Area Service “B” road, a notice of the proposed action, including the location of the road and the time and place of the meeting at which the Board proposes to take action, shall be published as provided in Iowa Code Section 331.305.

7.20.040.03	Board Action	<p>At the meeting the Board shall receive oral or written comments from any resident or property owner of the County. After all comments have been received and considered, the Board, at that meeting or a date to which it is adjourned, after consultation with the County Engineer, may by resolution establish the proposed Area Service "B" road.</p>
7.20.040.04	Reclassification	<p>A road with an Area Service "B" classification shall retain the classification until such time as a request for reclassification is submitted to the Board. The Board may add or delete any road from the Area Service "B" classification by following the preceding procedure. The cost of improving a road to meet a higher classification shall be borne by the developer.</p>
7.20.040.05	Reconstruction and Maintenance Policy	<p>Only minimum effort, expense and attention will be provided to keep Area Service "B" roads open to traffic. Reconstruction, if necessary will conform to the requirements of Area Service "A" roads; less the travelled surface. For the various maintenance activities, the minimum maintenance on Area</p>

		Service "B" roads will be as follows:
7.20.040.05.A	Blading	Blading or dragging will not be performed on a regular basis.
7.20.040.05.B	Snow and Ice Removal	Snow and ice removal will not be performed. Sanding and salting will not be performed.
7.20.040.05.C	Reconstruction	Reconstruction of roads and drainage structures shall comply with Area Service "A" road requirements; however bridges will not be maintained to carry legal loads and will be posted to advise of any load limitations.
7.20.040.05.D	Weeds, Brush and Trees	Mowing or spraying weeds, cutting brush and tree removal may not be performed. Adequate sight distances may not be maintained.
7.20.040.05.E	Structures	Bridges and Culverts will be reconstructed to Area Service "A" standards if the posted capacity falls below 7 tons.
7.20.040.05.F	Road Surfacing	The County will not apply or maintain surfacing to Area Service "B" roads unless a temporary need is identified by the County Engineer.
7.20.040.05.G	Shoulders and Ditches	Shoulders and Ditches will not be maintained.

7.20.040.05.H	Signing	All Area Service Level “B” roads shall be identified with signs at all points of the public access to warn the public of the lower level of maintenance. Except for load limit posting for bridges and existing stop signs, other signing may not be continued or provided.
7.20.040.05.I	Crown	An irregular or minimal crown may develop during blading operations.
7.20.040.05.J	Uniform Width	The width of the traveled portion of the road may vary.
7.20.040.05.K	Inspections	Inspections will be conducted irregularly.
7.20.040.05.L	Maintenance Repairs	There will be no maintenance repairs made on a regular basis or schedule.
7.20.040.06	Administration	The County Engineer shall maintain an accurate record of all segments of roads classified by the Board as Area Service “B” and shall cause the necessary signs to be erected at every public road access on those roads so classified.

7.20.050 AREA SERVICE “C” ROADS. The Board is empowered under authority of Chapter 309.57 of the Code of Iowa to classify secondary roads on the Area Service System in the County as Area Service “C” roads so as to provide for reduced level of maintenance effort on roads so designated.

7.20.050.01	How Established	Roads may only be classified as Area
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Service "C" by resolution of the Board. The resolution shall specify the level of maintenance effort and the persons who will have access right to the road. The resolution shall only allow access to the road to the owner, lessee, or a person in lawful possession of any adjoining land or the agent or employee of the owner, lessee or person in lawful possession, to the agent or employee or any public utility, or to any peace officer, magistrate, or public employee whose duty is to supervise the use or perform maintenance of the road.

7.20.050.02	Notice of Action	Before the Board may take action to establish an Area Service "C" road, a notice of the proposed action, including the location of the road and the time and place of the meeting at which the Board proposes to take action, shall be published as provided in Iowa Code Section 331.305.
7.20.050.03	Board Action	At the meeting the Board shall receive oral or written comments from any resident or property owner of the County. After all comments have been received and considered, the Board, at that meeting or a date to which it is adjourned, after consultation with the County Engineer, may by resolution establish the proposed Area Service "C" road.
7.20.050.04	Reclassification	A road with an Area Service "C" classification shall retain the classification until such time as a request for reclassification is submitted to the Board. The Board may add or delete any road from the Area Service "C" classification by following the preceding procedure. The cost of improving a road to meet

		a higher classification shall be borne by the developer.
7.20.050.05	Reconstruction and Maintenance Policy	Service Area "C" roads will not be maintained or reconstructed.
7.20.050.06	Access	Access to any Area Service "C" road shall be restricted by means of a gate or other barrier, as determined by the County Engineer. The gate shall be purchased and installed by the County, and maintained by the adjoining landowners. If not so maintained, the County may remove the gate.
7.20.050.07	Signs	Area Service "C" roads shall have signs conforming to the Iowa State Sign Manual installed and maintained by the County at all access points to Area Service "C" roads from other public roads, to warn the public they are entering a section of road which has a lesser level of maintenance effort than other public roads, and to warn the public that access is limited.
7.20.050.08	Trespass	Entering an Area Service "C" road without justification after being notified or requested to abstain from entering or to remove or vacate the road by any person lawfully allowed access shall be a trespass as defined in Section 716.7 of the Code of Iowa.

7.20.060 VACATING ROADWAYS AND RIGHT OF WAY (ROW). The Board of Supervisors may vacate the Right of Way of any Area Service Classification in accordance to Iowa Code Section 306.10.

7.20.070 POWERS OF THE BOARD. All jurisdiction and control over the Area Service System shall rest with the Board, pursuant to Iowa Code 309.67.

7.20.080 EXEMPTION FROM LIABILITY. As provided in Iowa Code Section 309.57, the County and officers, agents and employees of the County are not liable for injury to any person or for damage to any vehicle or equipment which occurs as

a result of the maintenance of a road which is classified as Area Service "B" or "C", if the road has been maintained to the level required by this ordinance or establishing resolution, respectively.