

761—150.3(306) Improvements and maintenance on extensions of nonfreeway primary highways.**150.3(1) Construction.**

a. The department shall be responsible for all right-of-way and construction costs to construct nonfreeway primary highway extensions to the minimum design criteria as established by the department. Construction improvement costs beyond minimum design criteria shall be the responsibility of the city, as specified in the project agreement. Minimum design criteria shall be in accordance with “A Policy on Geometric Design of Highways and Streets, 2018” (Seventh Edition AASHTO Green Book).

b. The city shall be responsible for providing, without cost to the department, all necessary rights-of-way that involve dedicated streets or alleys.

c. The city may be responsible for providing, without cost to the department, all necessary rights-of-way that involve other city-owned lands, except parklands, subject to the condition that the department may reimburse the city for the functional replacement value of improved property and advanced purchases negotiated by the city for project purposes.

d. The city shall take all necessary legal action to discontinue and prohibit any past or present use of project rights-of-way for private purposes. The city shall prevent any future encroachment or obstruction within the limits of project rights-of-way.

e. The department shall be responsible for the costs of construction of longitudinal and outlet storm sewers made necessary by highway construction and construction of local service roads developed as a part of the construction or reconstruction of the through traffic lanes in the proportion that the right-of-way of the primary road extension bears to the total drainage area to be served by the proposed sewers. The city shall be responsible for the remaining portion of storm-sewer costs not paid for by the department.

f. Unless otherwise mutually agreed to and specified in the project agreement, the department shall be responsible for the cost of acquiring rights-of-way and construction of local service roads developed as a part of the construction or reconstruction of the through traffic lanes.

150.3(2) Maintenance. The department shall enter into an agreement with a city regarding the maintenance of primary roads within the corporate city limits. This is intended to include corporate line roads, when appropriate. Unless otherwise mutually agreed to and specified in the agreement, the maintenance of nonfreeway primary highway extensions within the corporate city limits, including corporate line roads, shall be as follows:

a. On primary roads constructed with a curbed cross section, the department shall be responsible for:

(1) Maintenance and repairs to pavement and subgrade from face of curb to face of curb exclusive of parking lanes, culverts, intakes, manholes, public or private utilities, sanitary sewers and storm sewers.

(2) Primary road signing for moving traffic as set out in subrule 150.4(1), pavement markings for traffic lanes, guardrail and stop signs at intersecting streets.

(3) Surface drainage only, within the limits of pavement maintenance.

(4) Plowing of snow from the traffic lanes of pavement and bridges and treatment of traffic lanes with abrasives and chemicals.

(5) Inspection, painting and structural maintenance of bridges as defined in Iowa Code section 309.1.

b. On primary roads constructed with a rural cross section (no curb), the department shall be responsible for all maintenance, except tree removal, sidewalks, retaining walls and repairs due to utility construction and maintenance shall be the city’s responsibility.

c. On primary roads constructed with a curbed cross section, the city shall be responsible for:

(1) Maintenance and repairs to pavement in parking lanes, intersections beyond the limits of department pavement maintenance, curbs used to contain drainage, and repairs to all pavement due to utility construction, maintenance and repair.

(2) Painting of parking stalls, stop lines and crosswalks, and the installation and maintenance of flashing lights. Pavement markings shall conform to the MUTCD.

(3) Maintenance of all storm sewers, manholes, intakes, catch basins and culverts used for collection and disposal of surface drainage.

(4) Removal of snow windrowed by departmental plowing operations, removal of snow and ice from all areas outside the traffic lanes, loading or hauling of snow which the city considers necessary and removal of snow and ice from sidewalks on bridges used for pedestrian traffic.

- (5) Maintenance of sidewalks, retaining walls and all areas between curb and right-of-way line.
 - (6) Cleaning, sweeping and washing of streets.
 - (7) Maintenance and repair of pedestrian overpasses and underpasses including snow removal, painting and structural repairs.
 - (8) Maintenance and repair of bicycle overpasses and underpasses including snow removal, painting and structural repairs.
- d.* The city shall comply with the access control policy of the department as adopted in 761—Chapter 112 and obtain prior approval from the department for any changes to existing entrances or for the construction of new entrances.
- e.* Drainage district assessments levied against the primary road within the corporate limits of the city shall be shared equally by the department and the city.
- f.* Should local service roads or streets be constructed as a part of a project, upon completion they shall become a part of the city street system. The department shall not be responsible for the maintenance of these roads or streets and corresponding drainage structures.

150.3(3) *Lighting.*

a. The department shall not be responsible for the installation, energy, and maintenance costs of lighting on extensions of nonfreeway primary highways. The city may elect to provide lighting at its own expense. However:

(1) For cities with a population of 5,000 or less, the department may elect to install interchange lighting and to be responsible for or to participate in the energy and maintenance costs of this lighting.

(2) On a new construction project that results in a predominately fully controlled access highway, but incorporates some nonfreeway segments, the department may elect to participate in the installation of lighting at conflict points if the city agrees to be responsible for the energy and maintenance costs of this lighting.

b. At corporate line primary road junctions, the lighting shall be installed where necessary by the department in accordance with department warrants. The department shall be responsible for the installation costs. Unless otherwise agreed, the energy and maintenance costs shall be shared by the city and department in proportion to the number of luminaires in each jurisdiction as established by the corporate line. When and if the corporate line is extended to include any part of the lighting installation or a greater proportion of luminaires, the proportionate costs for maintenance and energy shall be redetermined on the basis of the number of luminaires in each jurisdiction as established by the new location of the corporate line.

150.3(4) *Traffic signals.*

a. All traffic signal installations shall meet the standards and warrants established in the MUTCD.

b. On projects initiated by the department, the department may install, at no cost to the city, traffic signals warranted when replacing existing pavement or adding new lanes. In conjunction with these projects, the department may also participate in the cost of signals that are for pedestrian use only. If the department participates, the department's share of the installation costs shall be based on the current U-STEP cost apportionment.

c. When new pavement construction or additional lanes are not involved, the department may participate in the installation costs of new and modernized traffic signals or signals that are for pedestrian use only. If the department participates, the department's share of the installation costs shall be based on the current U-STEP cost apportionment; the city shall prepare plans, award the contract, supervise the installation, and be responsible for the remaining installation costs.

d. Modifications made to the traffic signal system to coordinate it with other city signal systems (not on the primary road extension system) shall be the sole financial responsibility of the city.

e. The department shall not participate in the cost of signals for commercial use only.

f. The department shall not participate in the signalization of primary road stub routes which terminate within the city.

g. The department shall not assume ownership and shall not be responsible for any energy or maintenance costs for traffic signals.

h. Signal phasing, initial and future, as well as timing and coordination between intersections shall be coordinated between the department and the city.

150.3(5) *Overdimensional and overweight vehicles.* The city shall comply with all current statutes, rules and regulations pertaining to overdimensional and overweight vehicles using primary roads when issuing special permits for overdimensional and overweight vehicles.

This rule is intended to implement Iowa Code sections 306.4, 306.42, 313.5, 313.21 to 313.24, 313.27, 313.36, 314.5, 314.6 and 321E.3 and chapter 306A.

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