

**761—150.2(306) Improvements and maintenance on extensions of freeways.**

**150.2(1) Construction.** Except as otherwise provided, the department shall be responsible for all right-of-way and construction costs associated with the construction of freeway extensions.

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

*b.* 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.

*c.* Outside the access control limits, the department shall be responsible for the costs of construction of longitudinal and outlet storm sewers made necessary by highway construction in the proportion that the street 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.

*d.* The department shall be responsible for all storm sewer-related costs within the access control limits.

**150.2(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 freeway extensions within the corporate city limits, including corporate line roads, shall be as follows:

*a.* The department shall be responsible for all maintenance costs on the through roadway, the on and off ramps, and the roadside features from right-of-way line to right-of-way line.

*b.* Where city streets cross the freeway, the department shall be responsible for:

(1) Roadside maintenance within the limits of the freeway fence.

(2) Surface drainage of the right-of-way.

(3) Traffic signs and pavement markings required for freeway operation.

(4) Guardrail at piers and bridge approaches.

(5) Expansion relief joints in approach pavement and leveling of bridge approach panel(s).

(6) All maintenance of bridges including deck repair, structural repair, berm slope protection, painting, and inspection, except as noted in paragraph “c” of this subrule.

*c.* Where city streets cross the freeway, the city shall be responsible for:

(1) All roadside maintenance outside the freeway fence.

(2) All pavement, subgrade and shoulder maintenance on the cross street except expansion relief joints and bridge approach panel leveling.

(3) All traffic lane markings on the cross street.

(4) Snow removal on the cross street including bridges over the freeway.

(5) Cleaning and sweeping bridge decks on streets crossing over the freeway.

*d.* The city shall be responsible for maintenance and repair of pedestrian overpasses and underpasses including snow removal, painting, lighting and structural repairs.

*e.* 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.

**150.2(3) Lighting.**

*a.* The department shall be responsible for the cost of installation of lighting on the main-traveled-way lanes and the on and off ramps including the terminals with cross streets when the department determines that lighting is required under established warrants.

*b.* The department shall be responsible for the energy and maintenance costs of lighting on the main-traveled-way lanes.

*c.* The department shall be responsible for the energy and maintenance costs of lighting through interchange areas and ramps at interchanges between freeways which do not provide service to local streets.

*d.* The department shall be responsible for the energy and maintenance costs of lighting in interchange areas at interchanges between freeways and primary roads which are on corporate lines.

*e.* At interchanges with city cross streets, the department shall be responsible for the energy and maintenance costs of lighting on the main-traveled-way lanes, on and off ramps, ramp terminals, and, when the department determines full interchange lighting is required, the cross street between the outermost ramp terminals.

*f.* The department shall not be responsible for the installation, energy, and maintenance costs of any lighting on cross streets in advance of interchanges and between the outermost ramp terminals at interchanges where the department determines partial interchange lighting or no lighting is required.

*g.* The department shall not be responsible for the installation, energy and maintenance costs of any lighting on pedestrian overpasses, pedestrian underpasses, bicycle overpasses or bicycle underpasses. The city may elect to provide lighting at its own expense.

*h.* Warrants for the lighting of freeways shall be according to the 2005 “AASHTO Roadway Lighting Design Guide.”

**150.2(4)** *Traffic signals at ramp terminals with cross streets.*

*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 assume ownership and shall not be responsible for the energy and maintenance costs involved in the operation of traffic signals.

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

This rule is intended to implement Iowa Code sections 306.4, 306.42, 313.4, 313.5, 313.21 to 313.24, 313.27, 313.36, 314.5 and 314.6 and chapter 306A.

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