XXX-XXX DELETE ALL DESIGNER NOTES FROM YOUR SPECIAL PROVISIONS

Distressed Pavement Relief - Ride should only be applied to pavement rehabilitation projects with bid item 740.0440 – Incentive IRI Ride with a preconstruction IRI equal to or greater than 180. If the project being designed is within 5 years of construction and the preconstruction IRI is approximately 150 or more, contact BTS HMA and OAPM for guidance on whether to apply this SPV. This SPV may be combined with the Distressed Pavement Relief – Density SPV if it also qualifies for that SPV. This SPV is not allowed on NHS routes or routes with ADT greater than 3,000.

1. Distressed Pavement Relief - Ride, Item SPV.####.###.

**A Description**

Conform to standard specification 740 except as modified in this special provision.

This special provision describes providing QMP ride relief on rehabilitated roadways determined to be distressed enough, prior to letting, that subsequent rehabilitation operations may not sufficiently improve the surface profile enough achieve target ride quality.

**B (Vacant)**

**C Construction**

*Replace standard spec 740.3.2(4) with the following:*

 (4) Treat partial segments as independent segments. Document profile runs conforming to 740.1.2.4; categorize segments as follows:

Segments with a posted speed limit of 55 mph or greater:

 HMA I Asphalt pavement with multiple opportunities to achieve a smooth ride. Diamond grinding or partial depth milling of the underlying pavement surface is not considered an opportunity. The following operations if performed under the contract are considered as opportunities:

- A layer of HMA

- A leveling or wedging layer of HMA

 HMA II Asphalt pavement with a single opportunity to achieve a smooth ride. Diamond grinding or partial depth milling of the underlying pavement surface is not considered an opportunity.

 HMA III Asphalt pavement segments containing any portion of a bridge, bridge approach, railroad crossing, or intersection. An intersection is the area within the points of curvature of the intersection radii.

 PCC II Concrete pavement.

 PCC III Concrete pavement segments containing any portion of a bridge, bridge approach, railroad crossing, intersection, or gap. An intersection is the area within the points of curvature of the intersection radii.

 RCDG V Rural concrete pavement surfaces the contract designates for continuous diamond grinding.

Segments with any portion having a posted speed limit less than 55 mph:

 HMA IV Asphalt pavement including intersections, bridges, approaches, and railroad crossings.

 PCC IV Concrete pavement including gaps, intersections, bridges, approaches, and railroad crossings.

 UCDG V Urban concrete pavement surfaces the contract designates for continuous diamond grinding.

*Modify standard spec 740.5.2(6) with the following:*

 (6) The department will adjust pay for 500-foot long standard segments nominally one wheel path wide using equation "ride 2.01" as follows:

 For HMA I Pavement: Initial IRI (in/mile) Pay Adjustment (dollars/500 feet)

 < 30 125

 >= 30 to <35 875 - (25 x IRI)

 >= 35 to < 60 0

 >= 60 to < 75 1000 - (50/3 x IRI)*[1]*

 >= 75 -250*[1]*

 For HMA II and PCC II Pavement: Initial IRI (in/mile) Pay Adjustment (dollars/500 feet)

 < 50 125

 >= 50 to < 55 1375 - (25 x IRI)

 >= 55 to < 85 0

 >= 85 to < 100 (4250/3) - (50/3 x IRI)*[1]*

 >= 100 -250*[1]*

 *[1]* The department will not assess a ride disincentive for HMA pavement placed in cold weather because of a department-caused delay as specified in 450.5.2(3).

 For HMA IV and PCC IV Pavement: Initial IRI (in/mile) Pay Adjustment (dollars/500 feet)

 < 35 250

 >= 35 to < 45 1125 - (25xIRI)

 >= 45 0

 For RCDG V Pavement: Final IRI (in/mile) Pay Adjustment (dollars/500 feet)

 < 45 125

 >= 45 to < 55 687.5 - (12.5 x IRI)

 >= 55 0

 For UCDG V Pavement: Final IRI (in/mile) Pay Adjustment (dollars/500 feet)

 < 50 125

 >= 50 to < 75 375 - (5 x IRI)

 >= 75 0

**D (Vacant)**

**E Payment**

**E.1 Disincentive for QMP Ride**

 (1) The department will administer ride disincentives as specified in standard spec 740.5.2(3).

**E.2 Incentive for QMP Ride**

 (1) The department will administer ride incentives as specified in standard spec 740.5.2.

Revised: 11-18-2021