

**403.03.04 Surface Tolerances.** This Subsection of the Standard Specifications is hereby deleted and the following substituted therefore:

Produce completed surfacing which meets the straightedge and inertial profiler requirements of Subsection 402.03.05 with the following additions and exceptions to the inertial profiler measurement.

Furnish an inertial profiling system meeting the requirements of Subsection 402.03.03 and measure the pavement as specified in Subsection 402.03.05.

Painted marks on the open-graded surface shall not exceed 4 square inches.

Include 25 feet of the existing pavement on each end of the project in the profile determination. Make construction joints with the existing pavement meet the requirements of this Subsection.

Where grinding is allowed to correct the open-graded surface, limit grind areas to 25 feet in length. The grinder and grinding operation shall conform to Subsection 402.03.05.

Apply a seal coat to ground areas after the surface tolerance specifications have been met. Apply the seal coat according to Section 407.

**403.05.02 Ride Pay Adjustment.** The progress payment will be adjusted upward or downward for ride quality as measured in Subsection 403.03.04 and as calculated herein.

The Mean Roughness Index (MRI) will be assessed a Ride Pay Adjustment (RPA) according to Table 1.

Ride Pay Adjustments will be based on ride quality lots. A ride quality lot is equal to 0.100 lane-mile. A lane mile is defined as a mile length of each mainline travel lane as shown on the permanent striping plan.

Table 1 \*

MRI	RPA	MRI	RPA	MRI	RPA
≤ 25.999	600.00	39.000 – 39.999	180.00	62.000 – 62.999	- 240.00
26.000 – 26.999	570.00	40.000 – 40.999	150.00	63.000 – 63.999	- 270.00
27.000 – 27.999	540.00	41.000 – 41.999	120.00	64.000 – 64.999	- 300.00
28.000 – 28.999	510.00	42.000 – 42.999	90.00	65.000 – 65.999	- 330.00
29.000 – 29.999	480.00	43.000 – 43.999	60.00	66.000 – 66.999	- 360.00
30.000 – 30.999	450.00	44.000 – 44.999	30.00	67.000 – 67.999	- 390.00
31.000 – 31.999	420.00	45.000 – 54.999	0.00	68.000 – 68.999	- 420.00
32.000 – 32.999	390.00	55.000 – 55.999	- 30.00	69.000 – 69.999	- 450.00
33.000 – 33.999	360.00	56.000 – 56.999	- 60.00	70.000 – 70.999	- 480.00
34.000 – 34.999	330.00	57.000 – 57.999	- 90.00	71.000 – 71.999	- 510.00
35.000 – 35.999	300.00	58.000 – 58.999	- 120.00	72.000 – 72.999	- 540.00
36.000 – 36.999	270.00	59.000 – 59.999	- 150.00	73.000 – 73.999	- 570.00
37.000 – 37.999	240.00	60.000 – 60.999	- 180.00	74.000 – 74.999	- 600.00
38.000 – 38.999	210.00	61.000 – 61.999	- 210.00	≥ 75.000	Shall Correct

\* MRI values shown are for each 0.1 mile and RPA is in dollars per 0.1 mile.

Ride Pay Adjustments above \$0.00 will be based on the initial measured MRI. Ride Pay Adjustments above \$0.00 will be paid only when a 0.100 mile lot section has an MRI of ≤ 44.999 inches per mile, no Areas of Localized Roughness of > 150.000 inches per mile, and no defects in excess of 0.25 inch as measured with the straightedge.

Grinding of areas with an MRI from 55.000 to 74.999 will not be allowed except as specified below.

If any 0.100 mile lot sections have Areas of Localized Roughness of > 150.000 inches per mile or defects in excess of 0.25 inch as measured with the straightedge, corrective work may be performed, at the direction of the Engineer. Liquidated damages of \$1,000.00 will be assessed for each such area and/or defect that is not corrected. Re-measure corrected areas to determine conformance with the Localized Roughness and straightedge requirements, and to determine the corrected MRI.