1. Ride specification – percent improvement [401]

Description. This provision rescinds Table 105-3 for Category III projects with an average pre-paving IRI value of 140 in./mile and greater and have 2 or less opportunities to improve the ride and replaces IRI measurements with percent improvements based on the comparison of pre-paving IRI to post-paving IRI.

* 1. General. Pay factors will be calculated on the percent improvement from the IRI data measured prior to plant mix paving. Pre-paving IRI must be completed a maximum of 10 business days prior to the start of paving operations, and prior to any work which requires improvements to facilities within the travel lanes. The Contractor is responsible for coordinating the pre-pave IRI with the Project Manager and District Materials Supervisor.

The surface smoothness will be evaluated in each travel lane for the entire length of the project. The following pay factors will be applied to each travel lane:

|  |  |
| --- | --- |
| Percent Improvement (%) | Pay Factor |
| >60 | 1.10 |
| ≥40 - ≤60 | 1 |
| <40 - >0 | 0.90 |
| ≤0 | Corrective Action(Initially assumed zero pay) |

Percent improvement will be calculated according to the following formula:

% IMP = ((pre-pave IRI – post-pave IRI)/pre-pave IRI) \* 100

Example: (200 – 90)/200 x 100 = 55 % improvement

Table 105-4 and Table 105-5 still apply for calculations based on incentive adjustments.

Surface smoothness must meet the requirements in accordance with Subsection 401.03.23(B) Surface Smoothness.