# Pavement Smoothness for UBAWS NJSP-17-05

**1.0 Description.** Pavement smoothness shall be in accordance with Sec 610 except as modified in this provision. This provision adds Section 413.30 UBAWS mix type to the pavement smoothness requirement.

**2.0** Delete Sec 610.1 and insert the following:

**610.1 Description.** This work shall consist of measuring the smoothness of the final pavement surface. Smoothness shall be measured using the International Roughness Index (IRI). The following pavement types shall comply with this specification:

1. Multi-lift asphalt construction contained in Sections 401, 403, and **413.30, including any combination of these mix types.**
2. Concrete pavement construction contained in Sections 502 and 506.
3. Combination of surface planing, such as diamond grinding or milling, and single lift asphalt construction contained in Sections 401, 403, and **413.30, including any combination of these mix types**.
4. Single lift asphalt construction contained in sections 401, and 403.
5. **Single lift asphalt construction contained in section 413.30**.

**3.0** Add section 610.5.2.2

**610.5.2.2** The contract price for resurfacing pavement types described in Section 610.1 (e) will be adjusted based on the improvement in profile index according to Table 4 for each segment with an initial IRI greater than 60 inches per mile.

Any segment with an initial IRI less than or equal to 60 inches per mile shall receive no percent improvement price adjustment if the segment IRI after placement of the overlay is also less than or equal to 60 inches per mile.

Any segment with an initial IRI less than or equal to 60 inches per mile that has an IRI greater than 60 inches per mile after placement of the overlay shall be paid at 97 percent of the contract unit price for pavement.

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| **Table 4** |
| **Percent Improvement****(Change in IRI / Initial IRI) X 100** | **Percent of Contract Unit Price****For Pavement** |
| 20.0 or greater | 103 |
| 5.0 to 19.9 | 100 |
| 0.0 to 4.9 | 97 |
| Below 0.0 | 97d |

d After correction to 0.0 or greater.