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**(I) Amend Section 401.02 Materials**, by adding the following after line 14:

(II) Amend **Section 401.02(A) General**, by adding the following paragraph after line 24:

(III) Amend **Section 401.02(A) General**, by replacing lines 36 to 37 to read as follows:

**(IV) Amend Section 401.02(C) Submittals**, by adding the following paragraph after line 89:

**(V) Amend Section 401.03(B)(3) Asphalt Pavers**, from line 200 to include the following:

**“(h)** Equipped with a mean of preventing the segregation of the coarse aggregate particles from the remainder of the bituminous plant mix when that mix is carried from the paver hopper back to the paver augers. The means and methods used shall be approved by the paver manufacturer and may consist of chain curtains, deflector plates, or other such devices and any combination of these.

The following specific requirements shall apply to the identified bituminous pavers:

- 46 (1) Blaw-Knox bituminous pavers shall be  
47 equipped with the Blaw-Knox Materials  
48 Management Kit (MMK).  
49  
50 (2) Cedarapids bituminous pavers shall be those  
51 that were manufactured in 1989 or later.  
52  
53 (3) Barber-Green/Caterpillar bituminous pavers  
54 shall be equipped with deflector plates as  
55 identified in the December 2000 Service  
56 Magazine entitled "New Asphalt Deflector Kit  
57 {6630, 6631, 6640}".  
58

59 Prior to the start of using the paver for placing plant  
60 mix, the Contractor shall submit for approval a full  
61 description in writing of the means and methodologies that  
62 will be used to prevent bituminous paver segregation. Use of  
63 the paver shall not commence prior to receiving approval  
64 from the Engineer.  
65

66 The Contractor shall supply a Certificate of  
67 Compliance that verifies that the approved means and  
68 methods used to prevent bituminous paver segregation have  
69 been implemented on all pavers used on the project and is  
70 working in accordance with the manufacturer's  
71 requirements."  
72

73 **(VI) Amend Section 401.03(F)(1) HMA Pavement Courses One and a**  
74 **Half Inches Thick Or Greater**, from lines 499 to 505 to read as follows:  
75

76 **"(1) HMA Pavement Courses One and a Half Inches Thick Or**  
77 **Greater.** Where HMA pavement compacted thickness indicated  
78 in the contract documents is 1-1/2 inches or greater, compact to not  
79 less than 92.0 percent nor greater than 97.0 percent of the  
80 maximum specific gravity determined in accordance with AASHTO  
81 T 209, modified by deletion of Supplemental Procedure for Mixtures  
82 Containing Porous Aggregate."  
83

84  
85 **(VII) Amend Section 401.03(F)(3) HMA Pavement Courses One and a**  
86 **Half Inches Thick or Greater In Special Areas Not Designated For Vehicular**  
87 **Traffic**, from lines 530 to 538 to read as follows:  
88

89 **"(3) HMA Pavement Courses One and a Half Inches Thick or**  
90 **Greater In Special Areas Not Designated For Vehicular Traffic.**  
91 For areas such as bikeways that are not part of roadway and other

92 areas not subjected to vehicular traffic, compact to not less than  
93 90.0 percent of maximum specific gravity determined in accordance  
94 with AASHTO T 209, modified by deletion of Supplemental  
95 Procedure for Mixtures Containing Porous Aggregate. Increase  
96 asphalt content by at least 0.5 percent above that used for HMA  
97 pavements designed for vehicular traffic.”  
98  
99

100 **(VIII) Amend Section 401.04 Measurement**, from lines 597 to 603 to read as  
101 follows:  
102

103 **“401.04 Measurement.** The Engineer will measure asphalt concrete pavement  
104 per ton in accordance with the contract documents.”  
105

106 **(IX) Amend Section 401.05 Payment**, from lines 605 to 635, to read as  
107 follows:  
108

109 **“401.05 Payment.** The Engineer will pay for the accepted pay item listed  
110 below at the contract price per pay unit, as shown in the proposal schedule.  
111 Payment will be full compensation for the work prescribed in this section and the  
112 contract documents.  
113

114 The Engineer will pay for the following pay item when included in the  
115 proposal schedule:  
116

| 117 Pay Item | Pay Unit |
|--------------|----------|
|--------------|----------|

|                                 |     |
|---------------------------------|-----|
| 118 HMA Pavement, Mix No. _____ | Ton |
|---------------------------------|-----|

119  
120  
121 (1) 80% of the contract unit price upon completion of submitting  
122 a job-mix formula acceptable to the Engineer; preparing the  
123 surface, spreading, and finishing the mixture; and compacting the  
124 mixture;  
125

126 (2) 20% of the contract unit price upon completion of cutting  
127 samples from the compacted pavement for testing; placing and  
128 compacting the sampled area with new material conforming to the  
129 surrounding area; protecting the pavement; and final analysis.  
130

131 The Engineer will pay for cold planing in accordance with and under  
132 Section 415 – Cold Planing of Existing Pavement.  
133

134 The Engineer may, in lieu of requiring removal and replacement, use the  
135 sliding scale factor to accept HMA pavements compacted below 92.0 percent  
136 and above 97.0 percent. The Engineer will make payment for the material in

that production day at a reduced price arrived at by multiplying the contract unit price by the pay factor shown in Table 401.05-1.

| Table 401.05-1 – Sliding Scale Pay Factor for Compaction |                    |
|--|--------------------|
| Percent Compaction                                       | Percentage Payment |
| > 98.0   | Removal            |
| 97.1 - 98.0  | 95                 |
| 92.0 - 97.0  | 100                |
| 90.0 - 91.9  | 80                 |
| <90.0  | Removal            |

**END OF SECTION 401**