

**USE WITH 2006 STANDARDS.**

**USE WITH nSSP 39-000 HOT MIX ASPHALT, SUPERPAVE**

**Use this nSSP for PILOT PROJECTS ONLY**

**Use in projects with open graded friction course (OGFC) type hot mix asphalt (open graded)[HMA-O] and when requiring contractor to produce HMA-SP (Type A) or RHMA-SP-G utilizing the Superpave mix design method**

**Use SSP 39-200-SP for rubberized hot mix asphalt - open graded (RHMA-O and RHMA-O-HB).**

**Use this nSSP only with approval. Contact Joseph Peterson, Roadway Materials Testing**

**BEES item codes possible triggered by this SSP are:**

**390134 Hot Mix Asphalt (Open Graded)**

**397005 Tack Coat**

**394060 Data Core**

**Use other HMA BEES item codes required by the plans or other SSPs (e.g., HMA, RHMA, dike, rumble strips, etc.)**

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## **10-1. \_\_ HOT MIX ASPHALT OPEN GRADED FRICTION COURSE**

### **GENERAL**

#### **Summary**

This work includes producing and placing hot mix asphalt (open graded)[HMA-O].

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Hot mix asphalt open graded friction course must comply with section titled "Hot Mix Asphalt, Superpave" of these special provisions.

### **MATERIALS**

**3\*. Fill in the asphalt binder grade. See Design Information Bulletin 86 to determine asphalt binder grade. Edit for multiple binder grades.**

The grade of asphalt binder mixed with aggregate for HMA-O must be PG \_\_.

**4\*. Edit for grading including multiple gradings. Use "3/8-inch" grading when layer thickness is from 0.06 foot to 0.08 foot. Use "1/2-inch" grading when layer thickness is 0.08 foot or more. With approval from the District Materials Engineer, use a "1-inch" grading when layer thickness is from 0.17 foot to 0.25 foot.**

The aggregate for HMA-O must comply with the \_\_\_\_\_ grading.

**5\*. Use when HMA-O will be included on a project with HMA-SP (Type A) or RHMA-SP-G. Edit for type of HMA.**

Treat HMA-O aggregate with the same antistrip treatment used for HMA Type \_\_\_\_.

## CONSTRUCTION

### Material Transfer Vehicle

**6**

A material transfer vehicle (MTV) must be used when placing open graded friction course.

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The MTV must:

1. Either receive HMA directly from trucks or use a windrow pickup head to load it from a windrow deposited on the roadway surface.
2. Transfer HMA directly into the paver's receiving hopper or feed system.
3. Remix the HMA, with augurs, before loading the paver.
4. Have sufficient capacity to prevent stopping the paver.

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HMA deposited in a windrow on the roadway surface must not extend more than 100 feet in front of the MTV.

**Paras 9 through 13 are miscellaneous clauses added to resurfacing projects when appropriate.**

### Vertical Joints

**9. Use on 2-lane highways when the thickness of HMA-O is 0.15 foot or less and the vertical joint between lanes is to be kept to a minimum. Do not use with Para 12.**

If you perform half-width paving, at the end of each day's work the distance between the ends of adjacent surfaced lanes must not be greater than can be completed in the following day of normal paving.

**10. Use when shoulders or median borders receive HMA-O.**

Before opening the lane to public traffic, pave shoulders and median borders adjacent to a lane being paved.

**11. Use on projects or portions of projects with HMA-O surfacing thicker than 0.15 foot. Delete this para if Para 12 is used.**

Do not leave a vertical joint more than 0.15 foot high between adjacent lanes open to public traffic.

**12. Use if a vertical joint is not allowed between lanes open to public traffic, regardless of thickness.**

Place HMA-O on adjacent traveled way lanes so that at the end of each work shift, the distance between the ends of HMA-O layers on adjacent lanes is between 5 feet and 10 feet. Place additional HMA-O along the transverse edge at each lane's end and along the exposed longitudinal edges between adjacent lanes. Hand rake and compact the additional HMA-O to

form temporary conforms. You may place Kraft paper, or another approved bond breaker, under the conform tapers to facilitate the taper removal when paving operations resume.

**13. DO NOT use for paving driveways and road connections. This paragraph covers the short conform taper at the edge of pavement.**

**Conform Tapers**

Place additional HMA-O along the pavement's edge to conform to road connections and private drives. Hand rake, if necessary, and compact the additional HMA-O to form a smooth conform taper.

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**PAYMENT**

The contract prices paid per ton for hot mix asphalt for the HMA type designated in the Engineer's Estimate include full compensation for furnishing and using a material transfer vehicle (MTV) when placing hot mix asphalt as specified in these special provisions, and as directed by the Engineer.

SP Pilot Projects 12-10-2011