

All Regional Engineers

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Special Provision for Hot-Mix Asphalt Mixture IL-9.5L

September 28, 2007

This special provision was developed by the Bureau of Materials and Physical Research to improve stability of Low ESAL mixtures and reduce future risk of RAP stockpile contamination with uncrushed coarse aggregate particles previously allowed in these mixtures. This special provision should be inserted into all contracts using a HMA mixture IL-9.5L.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the January 18, 2008, and subsequent lettings. The Project Development and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory September 28, 2007.

80195m

**HOT-MIX ASPHALT MIXTURE IL-9.5L (BDE)**

Effective: January 1, 2008

Revise the table entry for C Surface Mixture in Article 1004.03(a) of the Standard Specifications to read:

“Use	Mixture	Aggregates Allowed
HMA High ESAL Low ESAL	C Surface IL-12.5, IL-9.5, or IL-9.5L	Crushed Gravel Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag (except when used as leveling binder)”

Revise the second sentence of the first paragraph of Article 1004.03(b) of the Standard Specifications to read:

“For Class A (seal or cover coat), and other binder courses, the coarse aggregate shall be Class C quality or better.”

Revise the table in Article 1030.04(b)(2) of the Standard Specifications to read:

“VOLUMETRIC REQUIREMENTS Low ESAL				
Mixture Composition	Design Compactive Effort	Design Air Voids Target %	VMA (Voids in the Mineral Aggregate), % min.	VFA (Voids Filled with Asphalt Binder), %
IL-9.5L	N <sub>DES</sub> =30	4.0	15.0	65-78
IL-19.0L	N <sub>DES</sub> =30	4.0	13.0	N/A”