

INDIANA DEPARTMENT OF TRANSPORTATION



INTER-DEPARTMENT COMMUNICATION

Standards Section -- Room N642



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June 7, 2002

DESIGN MEMORANDUM No. 02-02 POLICY CHANGE

TO: All Design, Operations, and District Personnel, and Consultants

FROM: /s/ Anthony L. Uremovich
Anthony L. Uremovich
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SUBJECT: Hot Mix Asphalt (HMA) Pavement Design Policy

EFFECTIVE: September 17, 2002, Letting

The construction requirements for HMA pavements have been revised. This has affected design requirements as described below.

Minimum Quantities for Quality Control / Quality Assurance (QC/QA) HMA Pavement. The minimum contract quantity to warrant QC/QA-HMA Surface mixtures is 600 Mg (700 tons). The minimum contract quantity to warrant QC/QA-HMA Intermediate or Base mixtures is 1000 Mg (1000 tons). HMA mixtures should only be specified if the contract quantities for asphalt materials are lower than these.

Mainline Surface and Intermediate Course Layers. All Surface courses are 90 kg/m² (165 lb/syd). All Intermediate courses are 150 kg/m² (275 lb/syd). The total of these two courses is unchanged at 240 kg/m² (440 lb/syd).

Typical Sections for Public Road Approaches. The following typical section should be used for all public road approaches.

90 kg/m² (165 lb/syd) HMA, Type A, Surface, on
150 kg/m² (275 lb/syd) HMA, Type A, Intermediate, on
200 mm (8 in.) Compacted Aggregate, No. 53, Base

Typical Sections for Drives. The following typical sections should be used for drives.

Class II: 90 kg/m² (165 lb/syd) HMA, Type A, Surface, on
150 kg/m² (275 lb/syd) HMA, Type A, Intermediate

Class IV: 90 kg/m² (165 lb/syd) HMA, Type A, Surface, on
150 kg/m² (275 lb/syd) HMA, Type A, Intermediate, on
200 mm (8 in.) Compacted Aggregate, No. 53, Base

Class VI: 90 kg/m² (165 lb/syd) HMA, Type A, Surface, on
330 kg/m² (550 lb/syd) HMA, Type A, Intermediate, on
240 mm (9½ in.) Compacted Aggregate, No. 53, Base

Pay Items. Most pavement-related pay items have changed. The designer should use those recommended in the approved pavement design's typical section. New pay items code numbers, names, and pay units are listed in Design Memorandum 02-02 Technical Advisory.

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