

INDIANA DEPARTMENT OF TRANSPORTATION



INTER-DEPARTMENT COMMUNICATION

Standards Section – Room N642



Writer's Direct Line
232-6775

June 6, 2003

DESIGN MEMORANDUM No. 03-06 TECHNICAL ADVISORY

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

FROM: /s/ Richard L. VanCleave
Richard L. Van Cleave
Design Policy Engineer
Contracts and Construction Division

SUBJECT: Hot Mix Asphalt (HMA) Mixtures

EFFECTIVE: September 16, 2003, Letting

I. Non-QC/QA HMA Mixtures

The design equivalent single axle loads (ESAL) for these mixture types have been revised. The revisions are as follows:

Type	Existing Design ESAL	Revised Design ESAL
A	200,000	200,000
B	1,000,000	2,000,000
C	11,000,000	9,000,000
D	(new mixture)	11,000,000

HMA mixtures specified as type B or C should be changed on the plans where affected by these revisions. Corresponding pay item names in estimates of quantities and cost estimates should also be revised accordingly. The code numbers and pay item names for mixtures A, B, and C are unchanged. The code numbers and pay item names for the new D mixtures are as follows:

304-07783	HMA Patching, Type D
402-07784	HMA Surface, Type D
402-07785	HMA Intermediate, Type D
402-07786	HMA Base, Type D
402-07787	HMA Wedge and Level, Type D
610-07788	HMA for Approaches, Type D

II. Widening Mixtures

Widening mixtures will only be HMA mixtures. QC/QA-HMA mixtures should no longer be specified. Where this work is specified as widening with QC/QA-HMA, it must be changed on the plans to widening with HMA of the type described above for the design ESAL. Corresponding pay item names in estimates of quantities and cost estimates must also be revised to those as follows:

304-07492	Widening With HMA, Type A
304-07493	Widening With HMA, Type B
304-07494	Widening With HMA, Type C
304-07789	Widening With HMA, Type D

All Widening With QC/QA-HMA pay items have been obsoleted.

The designer should change the plans according to this technical advisory, based on the ESALs provided in the pavement design. If the ESALs for a certain road or approach are not provided, the designer should contact the Materials and Tests Division's Pavement Design Engineer (Kumar Dave) via e-mail (kdave@indot.state.in.us) or telephone (317-610-7251 ext. 215), the for the applicable ESAL counts. The corresponding Des number and route number will be required with the request.

RVC:alu