



**South Carolina
Department of Transportation**

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August 9, 1996

INSTRUCTIONAL BULLETIN NO. 96-13

SUBJECT: Recommended Asphalt Surface Mixes

EFFECTIVE DATE: August 15, 1996

SUPERSEDES: Applicable Portions of Memorandum to Road Design Personnel dated October 29, 1996 - "Guidelines for Hot Mix Asphalt Selections"

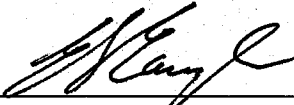
RE: Memorandum dated July 24, 1996 by Deputy Director for Engineering Keller (Attached)

The above reference memorandum must be followed beginning with the September 1996 Highway Letting. Where plans have been prepared with other than the prescribed asphalt mix, the plans must be revised to reflect the recommended changes. The table provided below shows a breakdown of these recommendations.

Route/Road	Traffic volume	Recommended Asphalt Surface Type
Interstate Routes	NA	Superpave.
NHS Routes	NA	Asphalt Concrete Surface Course - Type 1B (ACSC T-1B).
Non - NHS Primary Routes	>1500 vpd	Asphalt Concrete Surface Course - Type 1B (ACSC T-1B).
Non - NHS Primary Routes	<1500 vpd	Consideration should be given to placing Asphalt Concrete Surface Course - Type 1B (ACSC T-1B) - Justification should be provided by the District.
Secondary Roads (Mutilaned)	>1500 vpd	Consideration should be given to placing Asphalt Concrete Surface Course -Type 1B (ACSC T-1B) - Justification should be provided by the District.

Compliance with the chart entitled "Guidelines for Hot Asphalt Selection" is still required due to specific legislation concerning secondary roads with volumes less than 1500 vehicles per day. If extenuating circumstances are present; such as, high percentage of trucks, etc., the District Engineering Administrator will justify any variance from the above noted procedure.

APPROVED: _____



E. S. Eargle
Road Design Engineer

Attachment



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July 24, 1996

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MEMORANDUM TO:

- MR. JAMES Y. CAMPBELL, DIRECTOR OF PLANNING
- MR. WILLIAM M. DUBOSE, III, DIRECTOR OF PRECONSTRUCTION
- MR. DON FREEMAN, DIRECTOR OF CONSTRUCTION
- MR. RICHARD B. WERTS, DIRECTOR OF TRAFFIC ENGINEERING
- MR. RON WERTZ, DIRECTOR OF MAINTENANCE
- MR. T. L. CHAPMAN, DIST. ENGRG. ADM., DIST. NO. 1
- MR. J. K. DERRISO, DIST. ENGRG. ADM., DIST. NO. 2
- MR. C. B. BUSBEE, JR., DIST. ENGRG. ADM., DIST. NO. 3
- MR. C. H. HOLLADAY, JR., DIST. ENGRG. ADM., DIST. NO. 4
- MR. D. W. LEWIS, DIST. ENGRG. ADM., DIST. NO. 5
- MR. HARRY MILLS, DIST. ENGRG. ADM., DIST. NO. 6
- MR. S. D. CAMPBELL, DIST. ENGRG. ADM., DIST. NO. 7

Subject: Use of Type 1B Pavement

As all of you are aware, we have continued to experience rutting with many of our asphalt mixes and have continued modified mixes to try to eliminate the problem. Beginning with the September Letting, it is intended to use Superpave asphalt mixes on all Interstate highways. Also Type 1B surfacing will be used on all NHS primary routes and other STP primary routes with ADT's greater than 1,500 vehicles per day. Type 1B should be considered on those STP primary routes with volumes under 1,500 vehicles per day and on high volume multi-laned secondary roads, however, variations from this will be at the discretion of the District Engineering Administrator. When varied, justification may be requested from the District.

It is requested that the District Engineering Administrator advise all Resident Maintenance and Construction Engineers within their District and other appropriate staff members.

W.A. Keller, III

W. A. Keller, III

Deputy Director for Engineering



cc: Mr. Robert J. Probst
Division Administrator
Federal Highway Administration