



MAR 20 2002

STAFF MTG

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

March 18, 2002

MEMO TO: Charlie Casey, Jay Bennett

MEMO FROM: George C. Gibson *George C. Gibson*

SUBJECT: Pavement Designs for Driveways

ROADWAY DESIGN UNIT	
RECEIVED	FILE
20 2002	
<input checked="" type="checkbox"/>	LYNDOLE TIPPETT
<input checked="" type="checkbox"/>	SECRETARY
<input checked="" type="checkbox"/>	CHERYL WRIGHT
<input checked="" type="checkbox"/>	CHRIS
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REPLY FOR SIGNATURE	
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Pavement Management has been asked to provide pavement designs for numerous driveways as part of the TIP design process. Our normal practice is to replace "in kind"; if an existing driveway is gravel, our standard design is 6" ABC. If the existing driveway is asphalt, the normal design is 2.0" SF9.5A or 2.5" S9.5A or B on 6" ABC. The asphalt type would be selected to match materials on the project as frequently as possible.

The notable exceptions to this practice are driveways with steep grade or grades in excess of 7%. For this case, we would provide the asphalt design listed above, with the ABC thickness increased to 8".

In rare instances, designs are requested for concrete driveways. These would normally consist of at least 6" jointed concrete, reinforced with wire mesh. However, please request a design for all concrete driveways.

The goal of this memo is to allow this information to be attached to design files without all driveway designs receiving pavement design time. I would appreciate your help in getting the information out to the project engineers and squad leaders. Please call Judith Corley-Lay at 250-4094 if you have specific questions or whenever you feel these broad categories are not suitable for a particular project.

GCG, jcl