



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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April 15, 2014

MEMO TO: Ricky Greene, PE
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MEMO FROM: Judith Corley-Lay, PE *Judith Corley-Lay*
State Pavement Management Engineer

SUBJECT: Minimum Design Recommendations for Greenways

For pavement on greenways and multi-use paths, where traffic is limited to occasional use by pick-up trucks, Pavement Management recommends the following as minimum pavement designs:

Option 1
1.5" SF9.5A
6" ABC

Option 2
1.5" SF9.5A
4" ABC
Soil Stabilization Geotextile Fabric

Option 3
4" concrete with
welded wire mesh

The materials used in the construction of the greenway should meet the requirements given in the Special Provision titled "Greenways and Multi-Use Paths".

The Options presented above are minimum pavement designs. Thicker designs that are consistent with the practice of the municipality involved are acceptable.

If the asphalt thickness is increased to 2.0", and SF9.5A is used, it is recommended that the asphalt be placed in two 1.0" lifts. If S9.5B is used, it may be placed in one 2.0" lift, but to obtain adequate compaction, it is recommended that the ABC thickness be increased to 8" under Option 1, or 6" under Option 2.

Please call Clark Morrison, State Pavement Design Engineer at 919-835-8202 if you have specific questions.

JCL;csm

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