



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

April 11, 2006

Chatham County

Subject: Final Plan Review - Windham Phase 2 Subdivision

Mr. Daniel Blackburn, PE,
234 East Main Street
Clayton, NC 27520

Dear Mr. Daniel Blackburn:

The N. C. Department of Transportation, Division of Highways has reviewed the construction plans as submitted to this office and approval is granted subject to the following stipulations and recommendations:

1. All Construction is to be in accordance with the attached approved plans.
2. A properly executed driveway permit has been approved.
3. The entire right of way is to be cleared and grubbed throughout the whole phase of the project. Please be aware that the areas within the sight distance quadrants are to be treated as right of way.
4. All soil areas within the proposed right of way and any other soil areas disturbed during construction shall be seeded and mulched immediately upon completion of roadway construction. The seeding shall be done as outlined in the seeding specification attachment.
5. The crossline drainage as proposed has been reviewed and appears to be adequate and is therefore approved. If, however field conditions dictate any changes these shall be made. Please note that pipes and culverts 48" and greater shall be buried one foot below the streambed, culverts less than 48" shall be buried a depth equal to 20% of the pipe/culvert diameter below the streambed. The hydraulic conveyance of the culvert however should not be compromised. If any of the property owners desire to pipe their ditches within the proposed N C DOT right of way, please advise them that this work should conform to NC DOT specifications for this type of work (see attached). If any ditches are piped and not done to the NC DOT specifications, this could result in the road not being accepted for addition to the state maintained system of roads. Any ditches piped prior to addition to the state maintained system are subject to an encroachment agreement, as are utility companies, when the road is added.
6. The typicals as shown in the plans, are approved. Please note there is a change from the Marshall mix asphalt to Superpave type asphalt. The NCDOT is now requiring all asphalt placed after **March 1, 2003** to be Superpave. I have attached a sheet showing minimum and maximum lift thickness for the various types of Superpave along with an addendum to the subdivision manual for your reference.