



NEW HANOVER COUNTY

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Chad Kimes, PE
North Carolina Department of Transportation
Division 3 Construction Engineer
5501 Barbados Blvd.
Castle Hayne, NC 28429

Dear Mr. Kimes:

On behalf of New Hanover County, I would like to thank you, Bill Kincannon, PE, Trevor Carroll, PE and all the NCDOT personnel that assisted with the construction of the temporary road surface that allowed access to residents, emergency responders and those with business to conduct along Edgewater Club Road. This was a large undertaking to plan and execute in a short period of time and the hard work of NCDOT is greatly appreciated.

New Hanover County is formally requesting NCDOT to re-evaluate the long term solutions for the conveyance of drainage through the NCDOT right-of-way of Edgewater Club Road. As you are aware, New Hanover County Schools is poised to begin construction of the Porters Neck Elementary School on Edgewater Club Road. In addition to the stormwater controls for the school construction, another retention pond is to be constructed on-site to assist in the attenuation of stormwater runoff coming from off-site. After several meetings with Eddie Anderson of New Hanover County Schools and Anthony Law of NCDOT, the determination was made to add a larger culvert under Edgewater Club Road that will be set at an elevation to tie into the retention pond. This coming together of resources was a big step in determining a long term solution to the existing drainage issues in the area.

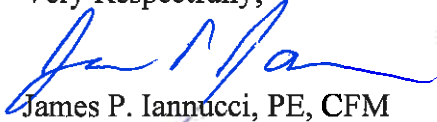
While the storm last week resulted in near record rainfall for the area, it is clear from previous instances of flooding that a long-term solution to flooding along Edgewater Club Road is required. In light of the repeated instances of flooding, New Hanover County is requesting that additional measures be considered and initiated by NCDOT. These measures may include:

- Consult with NCDOT Hydraulics Unit to consider the size of the culvert pipe and the possibility of placing dual culverts through the NCDOT right-of-way to convey the twenty-five year storm event.
- Elevate the roadway surface in conjunction with the culvert work to reduce the chance of flood waters overtopping the pavement.
- Investigate drainage along Edgewater Club Road to determine if roadside swales are functioning as designed.
- Develop plans with New Hanover County and New Hanover County Schools regarding integrating the Porters Neck School site into the revised section of Edgewater Club Road.

New Hanover County requests that the North Carolina Department of Transportation develop and implement plan to address a permanent solution to the flooding on Edgewater Club Road. New Hanover County requests that this evaluation take place within the next thirty days as New Hanover County Schools would like to begin construction of the new school. Finding a resolution to the drainage issues on Edgewater Club Road is a priority for the local residents, the New Hanover County Commissioners and other community leaders.

We look forward to working with NCDOT to improve the area for our residents. We cannot completely resolve the effects of large storm events, but we can take measures to reduce the impacts as much as possible. This is especially important to residents with one way in and one way out of their community. Please feel free to contact me at (910) 798-7142 if you have any questions or would like additional information. Thanks again for your assistance.

Very Respectfully,



James P. Iannucci, PE, CFM
County Engineer

Cc: Karen Eason Collette, PE, Division Engineer
Chris Coudriet, County Manager
Wanda Copley, County Attorney