



April 9, 2015

TIP NUMBER: W-5516  
PROJECT NO.: 44105.1.FD  
COUNTY: Rowan  
DESCRIPTION: Culvert Recommendations for Town Branch and UT Cold Water Creek  
SUBJECT: **Geotechnical Report – Design and Construction Recommendations**

ICA Engineering, Inc. has completed the subsurface investigation for this project and submits the following recommendations for the proposed culverts.

-L- Station 31+84.5 - Town Branch Culvert

- **The bottom of the culvert elevation will be at or near rock line. Up to 2 ft. of rock excavation will be required beneath the proposed culvert. Use a 12 in. blanket of foundation conditioning material below the proposed culvert. See Section 414 of the Standard Specifications.**

-L- Station 108+21.0 - UT Cold Water Creek Culvert

- **The bottom of the culvert elevation will be at or near rock line. Up to 2 ft. of rock excavation will be required beneath the proposed culvert. Use a 12 in. blanket of foundation conditioning material below the proposed culvert. See Section 414 of the Standard Specifications.**

Prepared by,



DocuSigned by:  
*Kenneth R. Bussey, Jr.*  
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6/3/2015

Kenneth R. Bussey, Jr., PE  
Project Engineer