July 24, 2018

Bryan Sowell Division 12 Project Engineer NCDOT Highway Division 12 1710 E. Marion Street (US 74 Business) Shelby, NC 28151-0047

STIP Project No. U-4700A Reference:

US 321 Improvements from north of US 70 in Hickory to US 321A/New Farm Road Intersection

Catawba, Burke and Caldwell Counties, North Carolina

Submittal No. S-008

Dear Mr. Sowell:

We are submitting, herewith, the Hydraulic Technical Report. Included with this submittal are the following items:

- One (1) Copy of the Hydraulic Technical Report Addendum,
- One (1) Copy of the original Hydraulic Technical Report written in 2009,
- One (1) Copy of the Hydraulic Technical Report Update, (Recently approved by Bill Elam, Central Office).

If you have any questions or need additional information, please give me a call at (919) 653-7333.

Sincerely,

Rummel, Klepper & Kahl, LLP

Subay Books

Audrey B. Burnette, PE, CFM Senior Project Engineer

cc: Bill Elam, PE (NCDOT Hydraulics Unit) Gene Tarascio (NCDOT Central Project Delivery Team) Brandon McInnis (RK&K) THS, BDP, KSM, ABB, TAH