

**Project NHS-0001-00(795)**  
**PI 0001795**  
**Richmond County**  
**Drainage Improvements at Cranes Creek at I-20**

**Proposed Project:**

The proposed project will increase the conveyance capacity of the existing 10 x 10 foot concrete box culverts (cbc) by adding three 10 x 10 foot cbc barrels to each existing single 10 x 10 foot cbc. Improvements to the culvert would include construction of a 600-foot long weir box on the inlet culvert end, north of and parallel to I-20. The proposed weir would simulate the existing weir flow over the existing I-20 profile. The three additional 10 x 10 foot cbc barrels would be constructed adjacent to the existing culverts under I-20 and Skinner Mill Road to accommodate the weir overflow. The existing I-20 and Skinner Mill Road culverts would be joined, closing the approximately 30-foot gap currently existing between the culverts. Improvements to the I-20 roadway would include raising the grade up to five feet, to an elevation, which provides one foot of freeboard between the Cranes Creek 100 year flood elevation and the bottom of the sub grade of the roadway.

**Detour Route:**

The detour route will consist of utilizing Walton Way Extension, Walton Way and Boy Scout Road. For those who utilize Skinner Mill Road heading eastbound toward Augusta, traffic will be directed to the south on Walton Way Extension to Walton Way where they will be able to access Boy Scout Road to the east side of Skinner Mill Road. Traffic heading westbound away from Augusta will utilize the same roads but in the opposite order.