

**Call 01 Bridge Repairs on SR 42 over the Chickasawhay River, Bridge No. 107.9, known as Federal Aid Project No. ER-0063-04(010) / 106793302 in Greene County.**

- Q1. I am seeking clarification on the material requirements for the plate girder components. The general notes state “For the plate girder components designated as “ASTM A709, 50W,” provide steel that conforms to the requirements of ASTM A709, Gr. 50WT. Impact testing for all plate girder components shall meet the requirements of Zone 1 for fracture critical, T, material”. ASTM spec A709 states that T testing is for Non-fracture-Critical material and that F testing is for Fracture-Critical. Thank you in advance for your help.
- A1. The plate girder components are fracture critical and should conform with ASTM A709, Gr. 50WF, Fracture Critical Zone 1 impact testing.