



CSI Geo performed a full geotechnical investigation and provided geotechnical engineering services for the replacement of the existing structurally deficient bridge Old Waynesboro Road over Spirit Creek in the City of Augusta. The bridge was built in 1959. The current bridge is 180'-0" long consisting of six 30' simple spans. The superstructure is reinforced concrete Tee-beams supported on steel pile bents.

The geotechnical investigation consisted of 4 – 60 to 75 feet deep Standard Penetration Test (SPT) borings drilled along the alignment of the proposed new bridge, a two span continuous plate girder bridge with an overall length of 180'-0". The findings from this investigation were incorporated into a Bridge Foundation Report, which provided recommendations for the design of pile foundations, minimum tip elevations, nominal bearing resistance, and test pile lengths.

Client

City of Augusta
Hameed Malik, PhD, PE
Assistant Director,
Engineering
(706) 796-5068

Location

Augusta, Georgia

Services

- Geotechnical Investigation
- Geotechnical Engineering
- Bridge Foundation Report

Project Engineer(s)

- Bruce Khosrozadeh, PE
- John Iya, PE

CSI Geo, Inc.

(904) 641-1993

Jacksonville • Atlanta • Savannah • Riviera Beach • New Orleans

www.csi-geo.com