

Sumter Water Treatment Plant

Sumter, South Carolina

Vibrocompaction (AMPier)

A new water treatment plant was proposed for a site with potentially liquefiable soils. WEC worked with the general contractor to evaluate various ground improvement options. Based on recommendations by WEC, additional boring and laboratory testing were performed and it was determined that the site soils would be amenable to densification/improvement using the vibrocompaction method (AMPier).

The resulting ground improvement resulted in cost savings to the client and a shortened construction schedule.



Geotechnical Consultant: ECS
Geotechnical Contractor: WEC