

Project: Planning of Subsurface Investigations and Modeling of Geotechnical Parameters for Settlement and Stability Analyses of an Interchange Embankment

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Area: Geotechnical Engineering

A raised interchange is proposed at an alluvial site located within the floodplain. To support the raised interchange, embankments are to be constructed over soft, highly plastic clay overlying silt and alluvial sands. Geotechnical analyses of the embankments will primarily consider embankment stability and settlement. These analyses require characterization of the strength and compressibility of the soft clay, which are the focus of this project.