GeoEnvironmental Phase I Scope of Work

This report will be used to identify GeoEnvironmental Sites of Concern within the project limits. The main purpose of this investigation is to identify properties within the project study area that are, or may be, contaminated and therefore result in increased project costs and future liability if acquired by the Department. These sites should be avoided, or impacts minimized, to the extent practical. Sites of concern may include, but are not limited to, active and abandoned underground storage tank (UST) sites, hazardous waste sites, dry cleaners, maintenance facilities, regulated landfills and unregulated dumpsites. GeoEnvironmental Sites of Concern identified in the Phase I report should be included in the environmental document and shown on the plans using the standard GeoEnvironmental Symbology found in the MicroStation Geotechnical Workspace.

Scope of Work:

* Identify sites of concern within the project limits.
* Review preliminary MicroStation and other files provided by NCDOT to define the maximum project limits, including intersections and -Y- lines.
* Review historical aerial photography and Sanborn Maps to identify historical sites of concern.
* Search appropriate environmental agencies' databases to assist in evaluating any sites identified during this study.
* Visit the project and document sites of concern with digital photography.
* Prepare a brief report, using the NCDOT GeoEnvironmental Phase I Template, including field activities, findings, and digital images for each site, a site map showing the study area and the location of the sites of concern.
* Provide a MicroStation file with an area of concern for each site using NCDOT Symbology.
* Provide a GIS Shapefile in the NCDOT GeoEnvironmental Phase I Atlas format.
* Complete the NCDOT GeoEnvironmental Phase I Spreadsheet, populating it with pertinent site information.