



INDIANA DEPARTMENT OF TRANSPORTATION

Geotechnical Engineering Division
120 South Shortridge Road
Indianapolis, IN 46219

PHONE: (317) 610-7251
FAX: (317) 356-9351

Eric Holcomb, Governor
Joe McGuinness, Commissioner

Geotechnical Design Memorandum 2021-02

September 8, 2021

TO: Qualified Geotechnical Consultants

FROM: Athar Khan

SUBJECT: QC/QA METHOD FOR SOIL FILL SECTION AND FOR SUBGRADE CONSTRUCTION

EFFECTIVE: IMMEDIATELY

The Department has recently approved a QC/QA construction method for soil fill section and QC/QA for subgrade construction and will be in accordance with 218-R-576. The quality control plan will be submitted in accordance with ITM 803.

The recommendation to include the QC/QA for soil fill section and QC/QA for subgrade shall be considered during the geotechnical investigation process and recommended in the geotechnical report if applicable. The QC/QA for soil fill section shall be considered for use on projects with 40,000 cubic yards of soil fill or more.

QC/QA for soil fill shall not be recommended if the following conditions exist:

- Fills required over an existing water body, which includes but not limited to ponds, lakes, or wetlands
- Areas where MSE walls are present or will be constructed
- Areas of rock backfill or where rock embankments exist or will be constructed

NS/vl
File