

DESIGN CRITERIA

1. Related Sections: See related Division 31 Design Criteria.
2. Earthwork Observation and Testing: The Contractor is required to employ the services of a qualified geotechnical testing consultant to ensure that the work performed is in accordance with the Contract Plans, Specifications, and Project geotechnical report. (This differs from the IBC requirement that the inspectors be engaged by the Government or the Designer.)
3. Prepare Contract Documents in accordance with the project geotechnical report recommendations, and identify earthwork anticipated to be necessary to construct the project. Include soil boring logs from the geotechnical report in the contract plans. Should the designer wish to vary from the recommendations in the geotechnical report, the proposed variation must be submitted to the project geotechnical engineer for review and comment, and approved by DeCA prior to incorporation into the Contract Documents.
4. The contract documents should accurately reflect any phasing required in the execution of the earthwork operations to allow for installation and maintenance of proper erosion control measures or requirements that limit disturbance to specific areas during various phases of the project.
5. If actual field conditions require additional excavation (beyond what is indicated in the Contract Documents) due to the presence of unsatisfactory subgrade material, this work shall be treated as a differing site condition in accordance with specifications.
6. The designer shall ensure that the Earthwork specification accurately reflects the use of locally available materials and construction practices. The State Department of Transportation Specifications and design guides are a readily available source of local information which can be used by the designer should the project geotechnical report not fully address a specific situation or required material.
7. Areas disturbed by earthwork operations shall be stabilized as soon as possible after the area is brought to finished grade. No untreated runoff from disturbed areas should ever be allowed to leave the site.

END OF SECTION