

SECTION 3 EARTHWORK

3.01 DESCRIPTION

Work shall conform with Section 19 of the State Standard Specifications except as noted herein.

3.02 GRADE TOLERANCE

Immediately prior to placing subsequent layers of material, the grading plane of the basement material shall not vary more than 0.05 foot above or below the design grade.

3.03 SUBGRADE STABILITY/DEFLECTION TEST

- A. The contractor may be required to furnish loaded trucks for the purpose of testing the load bearing capacity of the finished basement material or ditch backfill. Total gross load per rear axle shall be 16,000 pounds. Tire pressure must be over 65 pounds. If the tested surface shows a visible deflection extending more than 6 inches from the wheel track at the time of loading, or a visible crack remains after loading, the contractor shall take corrective measures.
- B. Density of subgrade shall be determined by ASTM Relative Compaction Method.

3.04 CLEANING OF STREETS

It shall be the responsibility of the contractor for removing all debris on public streets, daily or upon request, to the satisfaction of the City Engineer. Every effort shall be made to ensure that adequate measures are taken to prevent material from being deposited on City streets. Contractor may be issued a stop work notice for failure to comply with this requirement.

3.05 EROSION CONTROL

The Contractor is responsible for temporary erosion control at all job sites at all times during the project. Such temporary erosion control shall consist of, but not be limited to, constructing such facilities and taking such measures as are necessary to prevent, control, and abate water, mud, and erosion damage to public and private property as a result of the project.

By October 15th of each year, or earlier if conditions warrant, such temporary erosion control features as are necessary to prevent damage during the upcoming winter season shall be constructed and functioning.

Mud and silt shall be settled out of storm runoff before said runoff leaves the construction site or enters the City storm drain system, or a natural channel. All drain inlets, which may be affected by mud, silt, or dirt from the project, shall be adequately filtered to the satisfaction of the City Engineer.