



DENVER

THE MILE HIGH CITY

CITY AND COUNTY OF DENVER
DEPARTMENT OF PUBLIC WORKS | ENGINEERING DIVISION

Storm Drainage and Sanitary Sewer Construction Detail and Technical Specifications

8.0 Structural Excavation

8.0.1 General

All excavation for the construction of structures shall be in conformance with the applicable provisions of CDOT Section 206 except as modified herein.

Unless otherwise stipulated in the Bid Form and Submittal Package, no separate payment will be made for structural excavation, except for overexcavation as directed by the Project Construction Engineer, and all costs incurred will be considered to be included in the unit price bid for the associated structure. The cost of overexcavation will be paid for as specified below.

8.0.2 Over depth

In locations where soil with unsuitable bearing characteristics are encountered, the Project Construction Engineer may order that the unsuitable material be removed and be replaced with granular and/or rock backfill material to provide suitable bearing for the structure.

The overexcavation will be paid for in accordance with the unit price set forth in the Bid Form and Submittal Package for excavation and replacement with granular material; provided, however, no measurement for payment will be made of any material required to fill overexcavated areas outside of the pay limits specified in CDOT Section 206.3, if the Contractor for his own convenience, excavates beyond the limits required for structural excavation, the excess excavation and backfill thereof shall be at the Contractor's expense; or where excavations for footings, slabs, etc., are made below the required elevations without specific authorization from the Project Construction Engineer, the over excavated area shall

be filled in a manner satisfactory to the Project Construction Engineer by the Contractor at his expense.

8.0.3 Removal of Water

All water encountered in excavations shall be removed as required in Section 4.0 of these Detail and Technical Specifications.

8.0.4 Backfill

Backfill around structures shall be per the requirements set forth in Section 11.0 of these Detail and Technical Specifications.

8.0.5 Site Grading

The entire site shall be graded using suitable materials from the required excavation. Grading shall be for the purpose of providing a neat and pleasing appearance and for facilitating positive drainage. Compaction of all grading material shall be as specified in Section 5.0 of these Detail and Technical Specifications.