Index 120-001 Embankment Utilization &
Index 120-002 Subsoil Excavation

Design Criteria

FDOT Soils & Foundations Handbook (S&FH)*; *FDOT Design Manual (FDM)*; *FDOT Flexible Pavement Design Manual (FPDM); *and* ***FDOT Rigid Pavement Design Manual (RPDM)***

Design Assumptions and Limitations

Indexes 102-001 and ***102-002*** provide the standards for proper use of soils as embankment fill (i.e., Embankment Utilization) and the requirements for removal of unsuitable soils below a roadway (i.e., Subsoil Excavation).

The ***S&FH*** *Chapter 8*, ***FDM 216***, and ***Specification 120***, provide general information about the suitability of soils and earthwork requirements.

Additionally, for pavement subgrade design requirements (including usage of Asphalt Base and Special Select Soils for rigid pavement), refer to the ***Flexible Pavement Design Manual (FPDM)*** *and* ***FDOT Rigid Pavement Design Manual (RPDM)***.

Plan Content Requirements

Include geotechnical/soil information in the Plans in accordance with the requirements of the Basis of Estimates Manual (***BOE***), ***FDM***, and ***S&FH***.

Payment

Item number	Item Description	Unit Measure
120-4	Subsoil Excavation	CY
120-6	Embankment	CY

See the ***BOE*** and ***Specification 120*** for additional information on payment, pay item use and compensation.