SECTION 02222
BORROW

PART 1       GENERAL

1.01 SECTION INCLUDES

A. Soil materials for embankment.
B. Not to include beach or dune projects.

1.02 UNIT PRICES

A. Payment for borrow is on cubic yard basis calculated by compacted volume quantities using average end area method based on the Construction Drawings.
B. Borrow shall be measured at the site of embankment.

1.03 SUBMITTALS

A. Submittals shall conform to requirements of all sections and provisions of these specifications.
B. Submit location and description of proposed borrow area for approval. Borrow pits located on Galveston Island will require an excavation permit issued by the City.
C. Submit material samples for testing.

1.04 TESTS

A. Tests and analysis of soil materials will be performed in accordance with ASTM D4318 and ASTM D2216 under provisions of Section 01410 - Testing Laboratory Services.

PART 2       PRODUCTS

2.01 SOIL MATERIAL

A. Excavated material shall be graded free of lumps greater than 6 inches, rocks larger than 3 inches, organic material, chemical waste or other contamination, and debris. Take borrow material from sources approved by Owner’s Representative.
B. Material to be used for topsoil shall meet or exceed requirements for soil materials of Section 02920 - Topsoil.
PART 3 EXECUTION

3.01 PREPARATION

A. Notify Owner’s Representative and testing laboratory 5 days in advance of opening borrow source to permit obtaining samples for qualification testing.

B. Clear approved source of trees, stumps, brush, roots, vegetation, organic matter, and other unacceptable material.

3.02 EXCAVATION

A. Provide adequate drainage of surface water so that surface water run off does not enter borrow pit excavation.

3.03 HAULING

A. Use covered trucks. Conform to requirements of Section 01570 - Traffic Control and Regulation and all local, County and State requirements.

3.04 EMBANKMENT

A. Conform to requirements of Section 02221 - Embankment.

END OF SECTION