NOTES

SPECIFICATIONS

1. General Specifications:
   a. The Florida Department of Transportation (FDOT) "Standard Specifications for Highway and Bridge Construction", Current Edition and Supplements as Amended.

2. Design Specifications:
   c. AASHTO "AASHTO-LRFD Task Force 27 (Ground Modification Techniques), "In situ Soil Improvement Techniques", January 1990.

DESIGN CRITERIA

1. Design is based on the assumption that the material contained within the reinforced soil volume, methods of construction and quality of prefabricated materials are in accordance with Specification Section 548.
2. It is the responsibility of the Engineer to determine that the factored bearing pressure shown for the wall does not exceed the factored bearing resistance of the foundation for site specific local conditions.
3. The Contractor is responsible for internal stability of the wall. Internal stability design, including foundation and slope stability, is the responsibility of the Engineer.

SUB PARAMETERS

1. See wall control drawings for soil characteristics of foundation material to be used in design of the wall.
2. Contractor must provide soil parameters for backfill material based on actual soil characteristics utilized on site. Provide values of unit weight, cohesion and internal friction angle in the Shop Drawings.

MATERIALS

1. Provide soil reinforcement in accordance with Specification Section 548.
2. For additional material notes, see Wall Company General Notes.

CONSTRUCTION

1. Walls must be constructed in accordance with Specification Section 548 and the Wall Company's instructions.
2. Location and alignment of retaining walls, see Wall Control Drawings.
3. Thickness of reinforced soils must be modified for all wall types at the wall elevation and analysis of loads the wall will experience.
4. Reinforcement strip length, factored bearing resistances, minimum wall embedment and anticipated long term and settlement.
5. It is the Contractor's responsibility to determine the location of any guardrail posts behind retaining wall panels. Prior to placement of the precast panel, the location of reinforcement, individual reinforcement, reinforcement, reinforcement, or any other device may be skewed horizontally (15° maximum) to avoid the post locations. The Contractor is responsible for internal stability of the wall. Internal stability design, including foundation and slope stability, is the responsibility of the Engineer.
6. If existing or future structures, pipes, foundations or guardrail posts within the reinforced soil volume interfere with the normal placement of soil reinforcement and specific directions have not been provided on the plans, the Contractor must notify the Engineer to determine what course of action should be taken.
7. The Contractor is responsible for guarding and protecting upper layer(s) of soil reinforcement downward (15° maximum from horizontal) to avoid cutting or damaging the soil reinforcement and conflicts with paving and subgrade preparation. The Contractor's attention is directed especially to situations where roadway superlevelization and/or subyearning at a time.