### GENERAL NOTES

1. **Treatment I**
   - A. If trenching under soil is necessary to achieve the required 1" drop-off, excavated turf and topsoil are to be used for filling voids and low areas at the edge of pavement or for flushing along the edge of soil. Excess material to be uniformly distributed over the shoulder.
   - B. Payment for sod, excavation of turf and topsoil and for backfill of this material under Treatment I is to be included in the contract unit price for Performance Turf, SY.

2. **Treatment II**
   - A. All borrow shall meet requirements for a "Select" material in accordance with Index 555 and Section 200 at the Standard Specifications.
   - B. Borrow may be used in lieu of excavated turf and topsoil when economically feasible, however the upper 6" shall meet the requirements of Section 162 "Finished Sod Layer." There will be no additional payment for substituting borrow for excavated turf and topsoil.
   - C. When existing turf and topsoil do not meet the requirements of Section 162 "Finished Sod Layer," provide additive materials as necessary in the upper 6" to meet the requirements of Section 162. There will be no additional payment for additives.
   - D. Payment for Treatment II will be under Finished Sod Layer. Sod and other materials for turf establishment shall be paid for as Performance Turf, SY.

3. Special attention is to be directed to the construction of the required 1" drop-off at the edge of pavement.

4. Activities such as cleaning, grading, and excavating that will disturb one or more acres of land require coverage under the General Permit for Stormwater Discharge from Large and Small Construction Activities from the Florida Department of Environmental Protection, and implementation of appropriate pollution prevention measures to minimize erosion and sedimentation and properly manage stormwater.

5. **Turf Establishment**
   - A. Wildflowers destroyed by shoulder sodding and turf operations are to be reestablished under the seeding rates prescribed for permanent wildflower #2 group shown by table on Index 104.
   - B. All turf establishment shall be performed meeting the requirements of Section 570 of the Standard Specifications.

### PATTERN DETAIL

**TREATMENT I**

- 2"-8" See Pattern Detail
- Less Than 3" Overlay
- 1" Drop-Off
- Backfill Excavated Turf and Topsoil
- Sod (Avg Depth 6")
- (Depending on asphalt overlay depth may require trenching or borrow under sod to attain the 1" drop at the edge of pavement)

**COMPLETED SHOULDER**

**CRITERIA FOR USING TREATMENT I**

- **Project**
  - is resurfacing, widening and resurfacing or construction of shoulder pavement
  - is rural or urban without curb and gutter
  - resurfacing build-up is 5" or less

- **Completed Shoulder**
  - Sod Blocks Shall Be Placed With Transverse Joints
  - Edges of Pavement

**SHOULDER OPTION 1**

- 1" Drop-Off Width Called For In The Plans (Shoulder Width Plus 2" Min.)
- 1" Drop-Off
- Width Called For In The Plans (Shoulder Width Plus 2" Min.)
- 3" Or More Overlay
- Turf (See Gen. Note No. 20)
- Turf
- Turf
- Salvaged Turf And Topsoil
- New Turf And Topsoil To Be Excavated And Replaced With Borrow

**SHOULDER OPTION 2**

**CRITERIA FOR USING TREATMENT II**

- **Project**
  - is resurfacing or construction of shoulder pavement
  - is rural or urban without curb and gutter
  - resurfacing build-up is 5" or more

A similar treatment may be used for projects that require shoulder widening. Details are to be shown on the plans.