**Removal of Organic Material**

**General Notes**

1. All details shown on this index for removal of organic and plastic materials apply unless otherwise shown on the plans.

2. Utilization of excavated materials shall be in accordance with Index No. 505, unless otherwise shown on the plans.

3. Where organic or plastic material is undercut, backfill shall be made of suitable material in accordance with Index No. 505, unless otherwise shown on the plans.

4. The term "Organic Material" as used on this index is defined as any soil which has an average organic content greater than five (5.0) percent, or an individual organic content test result which exceeds seven (7.0) percent. Organic material shall be removed as shown on this index and the plans unless directed otherwise by the plans.

5. The term "Organic Material" as used on this index is defined as any soil which has an average organic content greater than five (5.0) percent, or an individual organic content test result which exceeds seven (7.0) percent. Organic material shall be removed as shown on this index and the plans unless directed otherwise by the plans.

6. The normal depth of side ditches shall be 3' below the shoulder point except in special cases.

7. In municipal areas, where underdrain is to be constructed beneath the proposed pavement, the grade of the underdrain filter material will not extend above the bottom of the stabilized section of the subgrade. Gradation of the filter material shall conform to FDOT specifications. Minimum grade on underdrain pipe shall be 0.2%.

8. See Index No. 506 for miscellaneous earthwork details.

**Design Notes**

1. At locations where organic material or other soft soil deposits persist to such depth that removal is impractical, the construction of a geosynthetic foundation over these soils should be considered. The Engineer of Record should request guidance from the District Geotechnical Engineer and make a geosynthetic foundation design in accordance with Index No. 501 when pursuing geosynthetic alternatives.

2. The designer shall take into consideration the expectancy of roadway widening to the outside, and where widening is anticipated specify in the plans the limits of removal of organic and plastic materials necessary to accommodate anticipated widening.

**Removal of Organic and Plastic Material**

**In Rural Construction**

**In Urban Construction**

**General Notes**

- Control Line Set By Normal Shoulder Point
- Whether Or Not Shoulder Gutter Is Used
- Outer Roadway
- Overlying Material
- Organic Material
- Bottom Of Organic Material
- Limit For Minimum Removal

**Without Overburden - Half Section**

**With Overburden - Half Section**

- **Organic Material**
- **Overlying Material**
- **1:2 Control Line**
- **Gutter Line**
- **Back Of Proposed Or Future Sidewalk**
- **Outer Roadway**
- **Bottom Of Organic Material**
- **Limit For Minimum Removal**

**Removal of Organic and Plastic Material**

**Design Notes**

- District Geotechnical Engineer.
- Average organic content shall be determined from the test results from a minimum of three randomly selected samples from each stratum. Tests shall be performed in accordance with AASHTO T 267 on the portion of a sample passing the No. 4 sieve.
- The normal depth of side ditches shall be 3' below the shoulder point except in special cases.
- The grade of the underdrain filter material will not extend above the bottom of the stabilized section of the subgrade. Gradation of the filter material shall conform to FDOT specifications. Minimum grade on underdrain pipe shall be 0.2%.
- See Index No. 506 for miscellaneous earthwork details.
REMOVAL OF PLASTIC MATERIAL ON DIVIDED FREEWAYS, ARTERIALS AND MAJOR COLLECTORS HAVING FLUSH MEDIANS, AND ON UNDIVIDED ARTERIALS AND MAJOR COLLECTORS

REMOVAL OF PLASTIC MATERIAL ON INTERSTATE FACILITIES, FREEWAYS, DIVIDED ARTERIALS AND MAJOR COLLECTORS HAVING DEPRESSED MEDIANS

MISCELLANEOUS DETAILS

TYPICAL CUT SECTION

TYPICAL CUT SECTION ON TANGENT

TYPICAL CUT SECTION ON SUPERELEVATION

REMOVAL OF PLASTIC MATERIAL AND LOCATION OF UNDERDRAIN IN URBAN CONSTRUCTION

REMOVAL OF PLASTIC MATERIAL

Note: For GENERAL NOTES see Sheet 1.