**REMOVAL OF ORGANIC AND PLASTIC MATERIAL**

### IN RURAL CONSTRUCTION

**WITH OVERBURDEN - HALF SECTION**

- Control Line Set By Normal Shoulder Point
- Whether Or Not Shoulder Gutter Is Used
- Outer Roadway
- 1:2 Control Line Complimentary To The Outer Roadway That Will Accommodate
- Overlying Material
- Organic Material
- Gutter Line
- Back Of Proposed Or Future Sidewalk
- 1:2 Control Line Complimentary To The Outer Roadway That Will Accommodate
- One Future Median Lane On Each Roadway Unless Specified Otherwise By The Plans.

**WITHOUT OVERBURDEN - HALF SECTION**

- Control Line Set By Normal Shoulder Point
- Whether Or Not Shoulder Gutter Is Used
- Outer Roadway
- 1:2 Control Line Complimentary To The Outer Roadway That Will Accommodate
- Overlying Material
- Organic Material
- Gutter Line
- Back Of Proposed Or Future Sidewalk
- 1:2 Control Line Complimentary To The Outer Roadway That Will Accommodate
- One Future Median Lane On Each Roadway Unless Specified Otherwise By The Plans.

### IN URBAN CONSTRUCTION

**WITH OVERBURDEN - HALF SECTION**

- Control Line Set By Normal Shoulder Point
- Whether Or Not Shoulder Gutter Is Used
- Outer Roadway
- 1:2 Control Line Complimentary To The Outer Roadway That Will Accommodate
- Overlying Material
- Organic Material
- Gutter Line
- Back Of Proposed Or Future Sidewalk
- 1:2 Control Line Complimentary To The Outer Roadway That Will Accommodate
- One Future Median Lane On Each Roadway Unless Specified Otherwise By The Plans.

**WITHOUT OVERBURDEN - HALF SECTION**

- Control Line Set By Normal Shoulder Point
- Whether Or Not Shoulder Gutter Is Used
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- 1:2 Control Line Complimentary To The Outer Roadway That Will Accommodate
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- 1:2 Control Line Complimentary To The Outer Roadway That Will Accommodate
- One Future Median Lane On Each Roadway Unless Specified Otherwise By The Plans.

### 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.

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 "Plastic Material" used in this index in conjunction with removal of plastic soil is as defined under soil classifications for Plastic (P) and High Plastic (H) on Index No. 505.

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 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.

6. The normal depth of side ditches shall be 3.5' 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 persists to such depth that removal is impractical, the construction of a geosynthetic foundation over those 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 alternates.

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

TYPICAL CUT SECTION

Note: When this detail is applied to minor collectors and local facilities, the undercut may be reduced to 18".

REMOVAL OF PLASTIC MATERIAL ON DIVIDED FREEWAYS, ARTERIALS AND MAJOR COLLECTORS HAVING FLUSH MEDIANS, AND ON UNDIVIDED ARTERIALS AND MAJOR COLLECTORS

MISCELLANEOUS DETAILS

TYPICAL CUT SECTION ON TANGENT

HALF SECTION

TYPICAL CUT SECTION ON SUPERELEVATION

REMOVAL OF PLASTIC MATERIAL AND LOCATION OF UNDERDRAIN IN URBAN CONSTRUCTION

REMOVAL OF ORGANIC AND PLASTIC MATERIAL

Note: For GENERAL NOTES see Sheet 1.