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 organic or plastic material 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 material or as defined under soil classifications for Plastic (P) and High Plastic (CH) 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 that equals or exceeds seven (7.0) percent. Organic material shall be removed as shown on this Index and the plans unless otherwise directed otherwise by the District Geotechnical Engineer.
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.<br>
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 shall require 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.

INDEX 500
REMOVAL OF ORGANIC AND PLASTIC MATERIAL

Note: For GENERAL NOTES see Sheet 1.

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

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

REMOVAL OF ORGANIC AND PLASTIC MATERIAL

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

Where paved side ditches are used in areas of removal of plastic material, the top of the ditch pavement must be no higher than the undercut plane.

If during construction it becomes apparent, due to normal required construction procedures, that it is impractical to leave the plastic material in the median, total removal of this material shall be approved by the Engineer.

Where frequency of median breaks indicates that it is impractical to leave plastic material in the median, the designer may elect to indicate total removal of this material.

At locations where plastic material is being removed, the side ditches must be at least as deep as the undercut plane.

Where paved side ditches are used in areas of removal of plastic material, the top of the ditch pavement must be no higher than the undercut plane.

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

If during construction it becomes apparent, due to normal required construction procedures, that it is impractical to leave the plastic material in the median, total removal of this material shall be approved by the Engineer.

At locations where plastic material is being removed, the side ditches must be at least as deep as the undercut plane.

Where paved side ditches are used in areas of removal of plastic material, the top of the ditch pavement must be no higher than the undercut plane.

If during construction it becomes apparent, due to normal required construction procedures, that it is impractical to leave the plastic material in the median, total removal of this material shall be approved by the Engineer.