

Indexes 570-001 and 570-010 Performance Turf

Design Criteria

FDOT Design Manual (FDM); *Drainage Manual (DM)*; *Drainage Design Guide (DDG)*

Design Assumptions and Limitations

Refer to *FDM 210*, *FDM 211*, *FDM 913* (Typical Sections), and *Drainage Manual* for guidance on where to include sod or performance turf.

Index 570-010 only applies to flush shoulder roadways where minor shoulder rework is needed to maintain a pavement edge drop-off between ½ to 1 inch.

For shoulder drop-off soil, assume an average of 250 CY per lane mile of shoulder requiring correction; adjust as necessary based on field conditions and District experience. Include average CY per lane mile of shoulder amount in the Summary of Earthwork Design Notes column.

Cut sod width may vary depending on the project area and how it is cut. Typical sod width for palletized sod is 16" wide and big roll sod sizes range from 36" to 48". Specify sod as single width or multiple row widths of the same size of either palletized or rolled sod depending on what is available in the project area and where the sod will be placed on the project.

Consideration should be given to adjusting the width of sod shown in the Plans when regional sod production widths are greater than the 2'-8" width shown on **Index 570-010**. Coordinate with the District Roadway Design Office.

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 in **Index 570-001**.

Plan Content Requirements

Include Performance Turf or Sod in the Plans in accordance with the requirements of the Basis of Estimates Manual (*BOE*) and (*FDM*).

Include shoulder and sod width in the Plans.

Show limits of sod where different than Roadway Typical Sections or as shown in **Standard Plans**.

Include shoulder slope in the Plans.

Payment

Item number	Item Description	Unit Measure
570- 1- 1	Performance Turf (Contractors Option)	SY
570- 1- 2	Performance Turf (Sod)	SY
570- 13-	Shoulder Dropoff Soil, Truck Measure	CY

See the **BOE** and **Specification 570** for additional information on payment, pay item use and compensation.