
Index 570-010

Shoulder Sodding and Turf on Existing Facilities

ORIGINATION

Date: 6/6/24

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COMMENTARY

The index was reworked as a request from the Districts. Multiple Districts assisted in the development along with the CO Construction office.

COMMENTS AND RESPONSES

BLACK = Industry Review Comments **BLUE** = Standard Plans Response **GREEN** = Change Made to Index

Name: Dustin Baker

Date: 8/8/25

COMMENT: Referring to the Asphalt Overlay detail, if the Contractor disturbs the entire shoulder width to achieve proper drop-off/grade, is the area outside of the sod call out required to be sodded or turfed? For example, a M/R project with 12' shoulders, 5' paved, could result in 7' of shoulder grading to achieve drop-off. The plan quantity for sod would only include 2'8". What is expected for the remaining shoulder width? If sod or turf is required, how is Contractor compensated?

RESPONSE: This scenario is District and project specific; however, the 2'8" is a minimum requirement. The plans will indicate the project specific sod width with the appropriate estimate/pay item.

CHANGE MADE TO INDEX: No.

Response Date: 8/21/25

Name: Dustin Baker

Date: 8/8/25

COMMENT: Assuming a project's typical section required 2'8" of shoulder sod treatment, and Contractor uses 3' wide rolled sod to meet SPI. The difference in installed quantity vs plan quantity is greater than 5% (12-13%). Will Contractor be paid for the additional sod quantity?

RESPONSE: The 2'8" is a minimum requirement for sod width and an industry standard size for two rows of palletized sod. The SPI will be revised to match the changes to the Index; however, there is guidance to designers to adjust design widths based on regional sod production. The plans will indicate the project specific sod width with the appropriate estimate/pay item.

CHANGE MADE TO INDEX: No.

Response Date: 8/21/25

Name: Cristian Bercea

Date: 8/6/25

COMMENT: I have a question about shoulder sodding on existing facilities. Could you please clarify if Clearing and Grubbing required prior to Shoulder Treatment work, Especially Treatment I ? I cannot find any references in the Specs, Standards or BOE. My guess is no since the equipment used for Shoulder Treatment activities is lighter and smaller and only the top layer is tilted but unfortunately I cannot find any concrete information about this.

In other words, does the shoulder treatment activity, if over 0.50 AC require or trigger and NPDES permit?

RESPONSE: Whether a NPDES permit/C&G pay item is needed on a 3R project is dependent on the District, the project, and the contractor's means and methods. However, to clarify the NPDES permit requirements, the threshold is 1 acre and discharges into a MS4.

CHANGE MADE TO INDEX: No.

Response Date: 8/21/25