

SECTION 00545 - REINFORCED CONCRETE BRIDGE APPROACH SLABS

(Follow all instructions and make all edits with "Track Changes" turned on. If there are no instructions [purple text] above a subsection, paragraph, sentence, or bullet, then include it in the Project. Delete all purple text before preparing the final document. All other modifications to this Section will require ODOT Technical Resource and State Specifications Engineer approval.)

Comply with Section 00545 of the Standard Specifications modified as follows:

00545.00 Scope - Replace this subsection, except for the subsection number and title, with the following:

This Work consists of constructing reinforced portland cement concrete bridge approach slabs and sleeper slabs at the locations shown or as directed, and in close conformity to the lines, grades and dimensions shown or established.

(Use the following paragraph and subsection .02 when sleeper slabs are included.)

Add the following subsection:

00545.02 Definitions:

Sleeper Slab - An individual concrete element at the roadway end of an approach slab that provides foundational support, pavement structure transitioning, and accommodations for expansion joint installation.

(Use only one of the following options when Sleeper Slabs are included. Delete the option that does not apply.)

[Option 1 - Use the following subsection .10 when SP00755 is not included in the Project Special Provisions.]

00545.10 Materials - Add the following bullet to the end of this subsection:

- Furnish Foundation Concrete, Class 3300 for sleeper slabs, unless otherwise shown.

[Option 2 - Use the following subsection .10 when SP00755 is included in the Project Special Provisions.]

00545.10 Materials - Add the following bullet to the end of this subsection:

- Furnish concrete according to 00755.11 for sleeper slabs, unless otherwise shown.

(Use the following paragraph and subsection .48 when sleeper slabs are included.)

Add the following subsection:

00545.48 Sleeper Slabs - Construct to the dimensions and details shown.

Vibrate concrete in sleeper slabs until it is completely consolidated and the excavations are completely filled. Construct sleeper slabs at least 24 hours before paving operations, unless otherwise allowed. Cure the surfaces of sleeper slab concrete according to 00755.53.

(Use the following .80 when sleeper slabs are included.)

00545.80 Measurement - Add the following paragraph to the end of this subsection:

The quantities of sleeper slabs will be measured on the length basis. The length will be measured along the joint at the roadway end of the approach slab.

(Use the following .90 when sleeper slabs are included.)

00545.90 Payment - Replace the paragraph that begins "The accepted quantities of reinforced concrete..." with the following paragraphs:

The accepted quantities of Work performed under this Section will be paid for at the Contract unit price per unit of measurement for the following item(s):

Pay Item	Unit of Measurement
(a) Reinforced Concrete Bridge Approach Slabs	Square Yard
(b) Bridge Approach Sleeper Slabs	Foot