SECTION 00585 - EXPANSION JOINTS

(Follow all instructions and make all edits with "Track Changes" turned on. If there are no instructions [orange text] above a subsection, paragraph, sentence, or bullet, then include it in the Project. Delete all orange 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 00585 of the Standard Specifications modified as follows:

00585.43 Armored Corners – Replace the title of this subsection with "**Armored Corners and Edgebeam"**

Replace the paragraph that begins "Provide joint corner armoring …" with the following paragraph:

Provide joint corner armoring or edgebeam with anchors as shown or specified, and according to the following:

00585.43(a) Tolerance - Replace the paragraph that begins "Install armored corners that are straight…" with the following paragraph:

Install armored corners or edgebeams that are straight and do not deviate from a true line by more than 1/4 inch horizontal and 1/8 inch vertical over the length of the joint, nor more than 1/16 inch in either direction from a 12-foot straightedge.

00585.43(b) Installation - Replace the paragraph that begins "Furnish armored corners in the longest …" with the following paragraph:

Furnish armored corners or edgebeams in the longest practical length as controlled by transportation and installation.

Replace the paragraph that begins "For new construction, install armored …" with the following paragraph:

For new construction, install armored corners or edgebeams with anchors in preformed blockouts at least 14 ~~d~~Days after the deck is cast with the joint opening as shown. Support the armored corners or edgebeams securely in position before placing concrete in the joint blockout. Install the preformed seal at least 7 ~~d~~Days after the concrete blockouts have been cast and after the deck concrete reaches 3,000 psi.

00585.47 Strip Seal - Replace the bullet that begins "Use steel retainers acting …" with the following bullet:

- Use steel retainers acting as the edgebeams according to 00585.43.

00585.80 Measurement - Add the following to the end of the subsection:

The estimated quantities of joints are:

(List all applicable joint types, e.g. expansion joints, control joints, or hot applied joint sealant, as the Pay Item name. Obtain information from the Bridge Designer.)

Structure	Joint Type	Quantity (Foot)
Bridge No. _____		
Bridge No. _____		