

**Revision of Sections 105 and 518
Expansion Devices: 0 to 4 Inch**

Notice

The Standard Special Provision (SSP) on the following page revises or modifies CDOT's Standard Specifications for Road and Bridge Construction. The Construction Engineering Services Branch has reviewed, approved, and issued it. Use as written without change. Do not use modified versions of it on CDOT construction projects. Do not use the following special provision on CDOT projects in a manner other than specified in the instructions without approval by CDOT's Standards and Specifications Unit. The instructions for use appear below.

Other agencies using the Standard Specifications for Road and Bridge Construction to administer construction projects may use this special provision appropriately and at their own risk.

Instructions for use on CDOT construction projects:

Use the following standard special provision on all projects with expansion devices.

Revision of Sections 105 and 518 Expansion Devices: 0 to 4 Inch

Section 105 of the Standard Specifications is revised for this project as follows:

In Subsection 105.02, Table 105-1 is revised for this project as follows:

**Table 105-1
Contractor Submittals
(Including Contractor Qualifications)**

Section No.	Description	Type	Contractor P.E. Seal Required?	Specialty Unit Review	Review Time (working days)
202	Bridge Removal Plan	Other	Yes	Staff Bridge	10
206	Shoring	Working Drawing	Yes*	Staff Bridge†	10
502	Piling Equipment Testing	Other	No	No	10
502	Welding	Qualifications	No	No	10
503	Assembly and Placement of Reinforcing Steel	Shop Drawing	Yes	Staff Bridge	30
503	Drilled Shafts	Qualifications	No	No	30
504	Soil Nail Wall	Qualifications	No	No	15
504	Soil Nail Wall (Contractor Alternative & Sacrificial)	Shop Drawing	Yes*†	Geotechnical	10
504	Hybrid Wall (Contractor Alternative)	Shop Drawing	Yes*	Staff Bridge	10
504	MSE Wall	Qualifications	No	No	10
504	MSE Walls (Contractor Alternative)	Shop Drawing	Yes	Staff Bridge/ Geotechnical	15
504	MSE Walls (Default Design)	Shop Drawing	No	Staff Bridge	15
504	Geomembrane and Joints	Working Drawing	No	No	10
508	Timber Structures	Shop Drawing	No	Staff Bridge	20
509	Steel Structures	Shop Drawing	Yes*	Staff Bridge	20
509 and 618	Erection Plan	Other	Yes	Staff Bridge	5
509	Fracture Critical Plan	Other	No	Staff Bridge	15
512	Bearing Devices Type II	Shop Drawing	No	Staff Bridge	15
512	Bearing Devices Type III	Shop Drawing	Yes	Staff Bridge	15
514	Pedestrian and Bikeway Railing	Working Drawing	No	No	10

518	Elastomeric Expansion Devices	Working Drawing	No	No	10
518	Expansion Devices: 0-4"	Shop Drawing	No	Staff Bridge	15
518	Expansion Devices: 0-6", 9", 12"...	Shop Drawing	Yes	Staff Bridge	15
518	Modular Bridge Expansion Joint Design	Other	Yes	Staff Bridge	10
518	PPC End Dam	Qualifications	No	No	15
601 and 618	Precast Panel Deck Forms	Working Drawing	No	Staff Bridge†	10
601	Permanent Steel Bridge Deck Forms	Shop Drawing	Yes	Staff Bridge	10
601	Falsework	Working Drawing	Yes	Staff Bridge†	10
602	Reinforcing Steel	Working Drawing	No	No	10
603	Precast Culvert	Shop Drawing	Yes*	Staff Bridge	20
606	Bridge Railing	Working Drawing	No	Staff Bridge†	10
607	Noise Barriers (Alternative)	Shop Drawing	Yes	Staff Bridge	15
607	Noise Barriers (Default Design)	Working Drawing	No	Staff Bridge†	10
613	Light Standards (Low Mast)	Working Drawing	Yes	Traffic	10
613	Light Standards (High Mast)	Working Drawing	Yes	Traffic	10
614	Overhead Sign Structures	Shop Drawing	Yes*	Staff Bridge/ Traffic	15
614	Variable Message Signs (Cabinet and tilting bracket)	Working Drawing	Yes	Traffic	10
614	Traffic Signal Pole (Mast Arm)	Shop Drawing	No	Staff Bridge/ Traffic	15
614	Traffic Signal Pedestal Pole	Working Drawing	Yes	Traffic	10
614	Traffic Signal Equipment	Working Drawing	No	Traffic	10
618	Prestressed Concrete (Pre-tensioned)	Shop Drawing	Yes*	Staff Bridge	20
618	Prestressed Concrete (Post-tensioned)	Shop Drawing	Yes*	Staff Bridge	10
618	Steel Diaphragms between Prestressed Girders	Working Drawing	No	Staff Bridge†	10
618	PT Grouting	Qualifications	No	No	10
622	Buildings	Shop Drawing	Yes	Staff Bridge	Varies

628	Prefabricated Pedestrian Bridges	Shop Drawing	Yes*†	Staff Bridge	20
641	Shotcrete	Qualifications	No	No	10
641	Shotcrete	Shop Drawing	No	Geotechnical	10
715	Anchor Bolts	Working Drawing	No	Staff Bridge‡	10
Project Specials	As noted in project specials	Qualifications	No	Varies	Varies, 10 min.
Project Specials	As noted in project specials	Varies	Varies	Varies	Varies

Section 518 of the Standard Specifications is revised for this project as follows:

In Subsection 518.09 delete the first paragraph and replace it with the following:

518.09 Elastomeric Expansion Devices. The Contractor shall submit shop drawings as specified in Subsection 105.02. The manufacturer's instructions for proper installation of the expansion joint device shall be included in the shop drawings. Shop drawings that lack the manufacturer's installation instructions will be returned for resubmittal.