

**OPSS 363 – Construction Specification for Repairing Concrete Pavement and
Concrete Base with Precast Concrete Slabs**

Date: April 2026

Comments received by TCP:

Comment ID	Organization	TCP Comment	MTO Response
478	The Fort Miller Co., Inc.	Recommend modifying the draft specification to allow the use of cement-treated concrete sand bedding material in place of fine aggregate bedding material when precast concrete slabs are placed on open-graded aggregate base, cement treated base, or asphalt-treated base. The CTBM cement-treated bedding material will hydrate into a solid bedding layer and not allow migration of bedding material into open-graded aggregate drainage layer below.	Agreed, revisions have been made to the specification to allow the use of cement-treated concrete fine aggregate bedding material in place of fine aggregate bedding material when precast concrete slabs are placed on open-graded drainage layer.
478	The Fort Miller Co., Inc.	We submitted proposed revisions to OPSS 363: 363.05.08 Fine Aggregate for Base Preparation – Fort Miller Super-Slab® Method Add: 363.05.08 a Cement-treated Concrete Sand for Base Preparation - Fort Miller Super-Slab® Method	Please see response to comment above.

		<p>Cement-treated Concrete Sand bedding material consisting of one part Portland cement and six parts of concrete sand meeting the requirements of OPSS 1002 Aggregates-Concrete (add correct reference). Mix the cement and sand dry. Do not add water to the mixing process.</p>	
		<p>363.07.01.01 Fort Miller Super-Slab® Method</p> <p>Add: or cement-treated concrete sand ...placing and grading fine aggregate or cement-treated concrete sand base material,...</p>	<p>Please see response to comment above.</p>
		<p>363.07.05.01 General</p> <p>Modify: Leveling and bedding material shall be a flowable fill for the Michigan Method. For the Fort Miller Super-Slab® Method use fine aggregate or cement-treated concrete bedding material. All leveling and bedding material shall meet the requirement of this specification.</p>	<p>Please see response to comment above.</p>
		<p>Add 306.07.05.03a – Cement-treated Concrete Sand - Fort Miller Super-Slab® Method</p> <p>Cement-treated concrete sand shall be compacted then fine graded using a</p>	<p>Please see response to comment above.</p>

		<p>screeding device capable of grading the fully compacted bedding material to the required tolerance.</p>	
		<p>306.07.07.02 Precast Concrete Slab Installation Add after the first sentence:</p> <p>Dampen or wet the bedding material immediately before slab placement as follows:</p> <p>For Fine Aggregate Bedding Material, Dampen the bedding material with water, if needed, so that the bedding material remains moist after slab placement.</p> <p>For Cement-treated Concrete Sand Bedding Material, fully wet (do not saturate or puddle) the bedding material layer with water to ensure ultimate hydration of the cement.</p>	<p>Please see response to comment above.</p> <p>MTO uses the term “dampen” which means not saturate or puddles.</p>
			<p>The following additional change has been made to the specification:</p> <p>363.04.01.01 General</p> <p>The design of the precast concrete slabs shall be either:</p> <p>a) Fort Miller Super-Slab® Method, or b) Michigan Method, except where an open graded drainage layer (OGDL) is</p>

			<p>present, the Fort Miller Super-Slab® Method shall be used.</p> <p>363.04.02 Submission Requirements</p> <p>363.04.02.01 Precast Concrete Slab Repair Plan</p> <p>b) The Fort-Miller or Michigan Method Precast Concrete Slab Repair Working Drawings detailing of fabrication, transportation, and installation of each precast concrete slab repairs as a minimum. All Working Drawings shall bear the seal and signature of an Engineer and shall be submitted for information purposes only.</p>
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Comments received by email:

Number	Organization	Email Comment	MTO Response
		No comments received by email.	