



To:  <b>SUPERSEDED BY EB 00-069</b> <b>EFFECTIVE 10/31/00</b>		New York State Department of Transportation <b>ENGINEERING</b> <b>BULLETIN</b>	<b>EB</b>  <b>00-057</b>
<i>Expires one year after issue unless replaced sooner</i>			
Title: <b>PORTLAND CEMENT CONCRETE (PCC) PAVEMENT STANDARD SHEETS</b>			
Distribution: <input checked="" type="checkbox"/> Manufacturers (18) <input checked="" type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Main Office (30) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Contractors (39) <input checked="" type="checkbox"/> Regions/Agencies (32) <input type="checkbox"/> ( )	Approved:   <hr/> Philip J. Clark, Deputy Chief Engineer, Design	10/16/00 Date	

**Purpose.** To issue new PCC pavement standard sheets.

**Effective Date.** Effective with projects submitted for the letting of May 3, 2001.

**Background.** Existing PCC pavement standard sheets are largely unchanged since the early-to-mid 1970's. Several aspects of these documents have become obsolete or inappropriate over time. However, the relative scarcity of new PCC pavement construction from 1973 to 1995 made revisions unjustified. The October, 1994 issuance of the Thickness Design Manual for New and Reconstructed Pavements further diverged existing standards from actual construction requirements. Furthermore, recent PCC pavement construction in urban areas highlighted significant inadequacies in the standards when utilities, drainage structures, or other projections into the pavement are encountered.

In an effort to update PCC pavement standards, The Department and the American Concrete Pavement Association (ACPA) formed a Joint Task Force on Concrete Pavement. These Standard Sheets represent the first product from that task force.

**Transmitted Standard Sheets.**

1. M502-11, Typical Plan, Cross Section, and Joint Layout.
2. M502-12, Longitudinal Joints.
3. M502-13, Longitudinal Joint Ties.
4. M502-14, Longitudinal Joint Sawing and Sealing.
5. M502-15, Transverse Joints.
6. M502-16, Transverse Joint Sawing and Sealing.
7. M502-17, Utility Isolation and Joint Layout - General Notes.
8. M502-18, Utility Isolation Guidelines.
9. M502-19, Telescoping Manhole Casting Layout.
10. M502-20, Non-Telescoping Manhole Casting Isolation.
11. M502-21, Shallow Structure Isolation.
12. M502-22, Drainage Structure Isolation.
13. M502-23, Drainage Structure Isolation Near Manhole Castings.
14. M502-24, Multiple Utilities Isolation.
15. M655-14, Telescoping Manhole Casting & Ring.

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### **Disapproved Standard Sheets.**

1. M502-2, Preformed Elastic Joint Sealers (For Sawed Joints).
2. M502-7, Longitudinal Joint Ties.

### **Affected Documents.**

1. These Standard Sheets supersede Figure 2, Typical Rigid Pavement Cross-Section, and Table 2, Tie Bar Design Table, found in the Thickness Design Manual for New and Reconstructed Pavements.
2. Standard Sheet M502-1, Metal Reinforcement for Concrete Pavement, remains effective, however, the reinforcement depicted is not typically used in new PCC pavement construction. This reinforcement is now typically used when constructing PCC pavement widenings adjacent to existing reinforced PCC pavement or when matching short placements in larger existing reinforced PCC pavements.

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