DATE: April 8, 2010

TO: Region Engineers
Region Delivery Engineers
TSC Managers
Resident/Project Engineers
Region Construction Engineers

FROM: Gregory C. Johnson
Chief Operations Officer

John C. Friend
Engineer of Delivery

SUBJECT: Bureau of Highway Instructional Memorandum 2010-03
Materials Quality Assurance Procedures Manual Update

The Construction and Technology (C&T) Division has revised the Materials Quality Assurance Procedures Manual. All holders of record on file with MDOT’s Publications Office will receive copies of the listed additions and revisions to the manual.

Current copies of the Materials Quality Assurance Procedures Manual, including revisions, may be ordered through the Publications Office at 517-322-1676, or by sending an e-mail request to MDOT-Publications@michigan.gov. It is also available to view, print, and download from MDOT’s Web site under “Maps & Publications.” Printed copies of this and other C&T publications will continue to be available through the Publications Office, and annual updates will be made via the instructional memorandum process. Only the most current content is available on the Web site. Superseded or deleted content is available only in printed format. A brief description of the major revisions is presented below and the full text of the revised sections is attached.

**Entire Manual**
Updated contact information, grammar, and punctuation.

**Table of Contents**
Updated to include removals and additional procedures.

**Section A6**
Processing of Materials Source List (Form 501) - Revised to reflect revisions and form name change. The Materials Source List must be submitted before or at the preconstruction meeting.
Section B1
General Tested Stock Procedures – Minor corrections.

Section C1
General Materials Certification Procedures for Approved Manufacturer/Supplier Status – Revised the application for approved manufacturer status requirements.

Section C2
Certification Verification Sampling and Testing – Schedule No. 1 revised list of materials to be sampled and tested.

Section C6
Prequalified Aggregate Supplier Program – Revised the minimum testing frequencies.

Section C7
Certification Procedures for Asphalt Binder – Added references to MDOT’s Web site, vehicle tanks and AASHTO T40.

Section C9
Concrete Pipe, Culvert and Related Items – Updated procedure.

Section D8
Prestressed Concrete Fabrication Inspection – Updated procedure.

Section D10
Structural Steel Fabrication – Updated procedure.

Section D11
Traffic Sign Support Structure Fabrication – Updated procedure.

Section D15
Tower Lighting Unit Fabrication – Updated procedure.

Section D16
Traffic Signal Mast Arm Pole and Mast Arm – Updated procedure.

Section F
Qualified Products Evaluation Procedures – Updated all procedures to reflect new contact information and other revisions. See Table 1 for new, revised or removed procedures.
Table 1

<table>
<thead>
<tr>
<th>Specification Reference</th>
<th>Material Name</th>
<th>Basis of Acceptance</th>
<th>Change Made and Reason for Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>712.03Y</td>
<td>Embedded Galvanic Anodes</td>
<td>Qualified Products List (QPL)</td>
<td>Procedure added</td>
</tr>
<tr>
<td>803.02SP</td>
<td>Detectable Warning Surfaces</td>
<td>QPL</td>
<td>New, add to QPL.</td>
</tr>
<tr>
<td>811.03D</td>
<td>Liquid Applied Pavement Marking Materials</td>
<td>QPL</td>
<td>Formerly 920.01 Revised and renamed</td>
</tr>
<tr>
<td>903.01-03</td>
<td>Qualification Procedure for Admixtures for Concrete</td>
<td>QPL</td>
<td>Combined previous three procedures for admixtures into one.</td>
</tr>
<tr>
<td>904.03-SP</td>
<td>Protective Polymer Coating for HMA</td>
<td>QPL</td>
<td>Procedure removed.</td>
</tr>
<tr>
<td>909.08C</td>
<td>Bridge Deck Drain Extensions</td>
<td>QPL</td>
<td>Procedure removed.</td>
</tr>
<tr>
<td>914.03B</td>
<td>Recycled Rubber Joint Filler</td>
<td>QPL</td>
<td>New, add to QPL.</td>
</tr>
<tr>
<td>914.08AII</td>
<td>Coatings for Dowel Bars, Type B</td>
<td>QPL</td>
<td>Procedure removed.</td>
</tr>
</tbody>
</table>

Section G
Materials Acceptance Requirements Table – Updated table.

Questions concerning these revisions, or the schedule of future revisions, may be directed to the Engineer of Specifications at 517-322-5669.