DATE: July 22, 1999

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

FROM: C. Thomas Maki
      Chief Operations Officer
      Gary D. Taylor
      Chief Engineer/Deputy Director
      Bureau of Highway Technical Services

SUBJECT: Bureau of Highway Instructional Memorandum 1999-15
         Materials Sampling Guide

The attached revisions will be sent to all holders of the Construction and Technology Division’s 1999 Materials Sampling Guide through MDOT’s Publications Office. These revisions include new material suppliers and products that have been accepted into the materials certification program, tested stock program and/or the qualified products listings. Each of the suppliers have agreed to comply with the material specifications and acceptance programs as stated in the standard specifications and the Materials Quality Assurance Manual. Questions regarding products, suppliers or the Materials Sampling Guide should be referred to Steve Purdy, Quality Assurance Specialist, Construction and Technology Division, at 517-322-5665.

Attachments
BOHTS:C&T:JAR
subject Index: Materials Sampling Guide
cc: Lansing C&T Division Engineers  P. Rang  MRPA
    Lansing C&T Division Technicians  J. Ruszkowski  J. Klee
    Real Estate Division, M. Frierson  FHWA, J. Steele  S. Kulkarni
    Design Division, P. Miller  MAPA  R. Knapp
    G. Taylor  MCPA  J. Reincke
    B. Jay  MCA  B. MacNall
    T. Maki  MAA
    V. Blaxton  MRBA
    AUC  OEO, A. Suber
This bulletin lists all the changes made to the 1999 January version of the Materials Sampling Guide.

The 1999 Materials Sampling Guide will be revised on the Internet in June of 1999. It is Located on the MDOT web page under OnLine Publications. The MDOT address; http://www.mdot.state.mi.us

All files/pages have the revision month and date numbers in lower right hand of the footer.

Definitions

<table>
<thead>
<tr>
<th>Specification No.</th>
<th>PAGE a-2</th>
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<tbody>
<tr>
<td>CHANGE: Type “C” certification... to Type “C” has been deleted</td>
<td></td>
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</tbody>
</table>

**Specification No. 703**
Prepackaged Hydraulic Fast Set Patching
Qualified Products

CHANGE: 100 to 60 for Fosroc, Inc.

ADD: * Next to 100% coarse agg

ADD: * percentage based upon weight of cement (this is placed at the end of the information)

**Specification No. 707.03C12**
Bushings for Pins & Link plates
Qualified Products

CHANGE: Dixon Industries Corporation to Furon

**Specification No. 710.03C**
Preforming Waterproofing Membrane
Qualified Products

ADD: Underneath Maximum for V.I.,

NOTE: Not to be used on Treated Wood Materials

**Specification No. 811.02D**
Regular (Solvent), Liquid Pavement Marking Material
Qualified Products

REMOVE: & Fast Dry, In the Material Description

**Specification No. 811.02E**
Polyester, Liquid Pavement Marking Material
Qualified Products

REMOVE: (Resin) after Polyester

CHANGE: BP-5758 to TM 8160
BP-5759 to TM 8163
TM 8145 to TM 8161
Specification No. 812.02C2  Traffic Maintenance and Control, Plastic Drums
ADD: LDPE, After all the product names

Specification No. 901  Cement
ADD: Blue Circle Cement, Great Lakes Region, Bowmanville, Ontario, Canada
Blue Circle Cement, Great Lakes Region, St. Marys, Ontario, Canada
To the Approved Certifiers List

Specification No. 901.07 Pozzolnic Admixtures (Fly Ash) for Concrete
REMOVE: U.S. Ash from all ISG Resources
ADD: ISG Resources C Port Neal #3, Sioux City, Iowa
ISG Resources C Port Neal #4, Sioux City, Iowa
ISG Resources C Ottumwa Power Plant, Chillicothe, Iowa
ISG Resources C Louisa Power Plant, Muscatine, Iowa
ISG Resources C Council Bluffs Plant, Council Bluffs, Iowa
ISG Resources C Burlington Power Plant, Burlington, Iowa
ISG Resources C Lansing Power Plant, Lansing, Iowa
CHANGE: both JTM Industries, Inc. to ISG Resources/ JTM Industries, Inc.
ADD: to Mineral Solutions Wisconsin Power...:
C Edgewater Station Unit 5, Sheboygan, WI

Specification No. 902 Agg.  All Aggregates
CHANGE: 750 to 7500, Under Granular Material Class II A, Basis of acceptance
CHANGE: Pit No. to A.S.I. # on Pages 4 of 8-7 of 8
ADD: to Carr Brothers & Sons, Inc. under Name:
Beck Road Pit 30-068 22A, 23A, CLII
Wade Pit 30-049 21AA, 22A, 23A, CLII
REMOVE: from Holloway Sand & Gravel Co., Inc. under Name:
Rockwood Stone 58-8
ADD: Meekhof’s Lakeside Dock, Inc. Dock All MDOT Agg. Materials
ADD: after Rockwood Quarry: L.L.C  
after Rockwood: Quarry

REMOVE: Verplank Dock Co. Dock All MDOT Agg. Materials

**Specification No. 903.01 thru 903.03 All Admixtures for Concrete**
ADD: under Axim Concrete Technologies to Catextol 1000  
SPMN:  
MR Mid-Range water-reducer 521-782

ADD: under General Resource Technology:  
Polychem KB-1000 A Water-reducer 195

ADD: under W.R. Grace & Company:  
Advaflow F High-range water-reducer 260-650

**Specification No. 903.05 Membrane Curing Compound**
ADD: Note: All curing compounds will not be used after ONE year from manufacture. All manufacturers must have date of manufacture clearly printed on outside of containers.

**Specification No. 905.03C Bar Reinforcement (Epoxy Coated)**
ADD: to Approved Certifiers:  
American Rebar Coaters, Gary, IN

CHANGE: Commercial Steel Corp. to Centennial Steel Corp.

**Specification No. 909.03 Watertight Joint Systems**
CHANGE: Everlastic Type U1000 to Bidco C-56, 300mm x 9.5mm

CHANGE: Pipe Dia. for the Jensen Bridge & Supply Co. to:  
300/375/450/600/750 & larger

CHANGE: Band-Jensen C.M. to Band-Jensen Bridge

REMOVE: Strap-Warren Consolidated

ADD: to Pipe Dia. for both Premarc entries: & up to 1800

CHANGE: 10.8 Rubber Gasket to F477 Polyisoprene for Hancor

ADD: Pipe Dia.. for Advanced Drainage System, Inc. 750/900

**Specification No. 909.05C Metal End Section**
CHANGE: Test(*), to Type “D” Certification

REMOVE: Note: Type “D” Certification required
Specification No.  910.03C  Separator/Stabilization Geotextile
CHANGE: ...responsible for obtaining certification... to ...responsible for certification

Specification No.  912.09  Wood Guardrail Posts & Blocks (Dimension Sawed)
ADD: to Approved Certifiers:
Anro Supply Company, London, Kentucky

ADD: cities to Approved Certifiers:
Anro Supply Company, Wayland, Michigan
John Biewer Lumber Co., St. Clair, Michigan
Midwestern Wholesale (Midwest Wood Treating), Norfork, Ohio

ADD: to Tested Stock Suppliers:
Great Lakes Wood Preserves

Specification No.  913.06  Precast Reinforced Concrete Units for Drainage Structures
ADD: to Approved Certifiers:
Centennial Concrete Pipe & Products, Windsor, ON, Canada
National Concrete Products, Co., Plymouth, MI

Specification No.  913.07  Precast Concrete Bases, Sumps
ADD: to Approved Certifiers:
Centennial Concrete Pipe & Products, Windsor, ON, Canada
National Concrete Products, Co., Plymouth, MI

Specification No.  914.07  Epoxy Resin Adhesive & Temporary Seal (Crack Injection)
ADD: Columbus, OH to Hilti, Inc.

ADD: E Bond 550 Jeene Technology of Michigan, Grand Rapids, MI

Specification No.  914.08  Transverse Pavement Joints
CHANGE: New Jersey Steel Corp. to Co-Steel Sayerville, Sayerville, NJ

Specification No.  914.09  End-of-Pour Joint Devices
CHANGE: Commercial Steel Corp. to Centennial Steel Corp.
ADD: American Rebar Coaters, Gary, IN
CHANGE: Milton Coating Co. to Ameristeel Corporation
Specification No. 914.10  Straight & Bent Tie Bars for Longitudinal Pavement Joints
CHANGE: Commercial Steel Corp. to Centennial Steel Corp.
CHANGE: Milton Coating Co. to Ameristeel Corp.

Specification No. 918.01B  Electrical Conduit (Polyvinyl Chloride)
ADD: Approved Certifiers:
  Cantex, Carlon, J.M. Industries, IPEX, National Pipe & Plastics, Inc.

Specification No. 918.01D  Electrical Conduit (Polyethylene)
CHANGE: Test to Type “D” Certification

Specification No. 919.03  Delineators
CHANGE: May be a “Tested Stock” item to Type “D” Certification
REMOVE: all of the Tested Stock Suppliers

Specification No. 919.03D  Delineator Posts
ADD: to Qualified Products:
  Safe-Hit SH248GP3

Specification No. Spec Prov. #3A  Arrow Boards, Type C, Solar Assist
ADD: to Allmand Brothers, Inc., SEH 15-2-B-5

Specification No. Spec Prov. #4  Raised Pavement Marker
REMOVE: ‘e’ from the word “provision” at the top of the page

Specification No. Spec Prov. #5  Polimer Modified Asphalt Cement
REMOVE: ‘e’ form the word “provision” at the top of the page

APPROVED RECERTIFIERS
ADD: Action Traffic
ADD: American Rebar Coaters, Gary, IN
ADD: Co-Pipe Products
ADD: Meadow Burke, Hackensack, NJ
CHANGE: Spartan Sign, Inc. to Michigan Highway Signs
ADD: Nashville Construction Co., Nashville, MI
ADD: S & N Contractors, Co., Dimondale, MI
SUPPLIERS/MANUFACTURES

ADD: 1,2. American Rebar Coaters, 6400 Industrial HWY, Gary, IN 46406, Mr. Wayne Robinson, Mr. Doug Green, (219) 977-1738, Fax (219) 977-1274

ADD: 1,3. Blue Circle Cement, Great Lakes Region, Bowmanville Plant, 400 Waverley Rd. South, Bowmanville, ON, Canada L1C 3K3, (905) 623-3341

ADD: 1,3. Blue Circle Cement, Great Lakes Region, St. Marys Plant, P.O. Box 1000, 585 Water St. South, St. Marys, ON, Canada N4X 1BG, (519) 284-1020, Fax (519) 284-4104

CHANGE: for Carlesimo Products, Inc.: Farmington, MI to Farmington Hills, MI remove Mr. Alex Haller (313) 474-0415 to (248) 474-0415 Ext 18 Fax (810) to (248)

ADD: 1,2. Co-Pipe Products, Inc., 20501 Goddard Road, Taylor, MI 48180, Mr. Eric Westerburg, (800) 521-3514, (734) 287-1000, Fax (734) 287-8132

CHANGE: for Dale Dukes & Sons, Inc.: Mr. Marty Dukes to Mr. Rex Dukes remove Ms. Jo Ellyn Dukes

CHANGE: Dixon Corp. to Furon

ADD: 3. Great Lakes Wood Preservers, Div. Of Cedar River Lumber, P.O. Box 340, Powers, MI 49874, Mr. Don Leboeuf, (906) 497-5365, Fax (906) 497-5512, Lyle Gearhart Plant, (906) 639-2106

CHANGE: for McDonough & Associates: Contact Linda to Contact Linda Cleyman (313) to (734)

CHANGE: Medusa Cement Company to Southdown, Inc.

ADD: to Southdown, Inc.: Ext. 129, after Phone #

CHANGE: Spartan Sign, Inc. to Michigan Highway Signs

CONSTRUCTION AND TECHNOLOGY DIVISION