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Last Update 9/30/2009

QUALIFIED PAVEMENT MARKING MATERIALS LIST

Materials from the companies listed herein are pre-qualified for use on Wisconsin Department of Transportation projects in accordance with all applicable specifications and/ or Policy Memoranda. These materials have been inspected, tested, or evaluated for use.

All materials used are subject to inspection and testing and possible rejection for use in accordance with the Standard Specifications. Some pre-qualified materials require submittal of Certified Report of Test and Analysis be provided for materials used.

The below listed materials are generally used in permanent highway traffic delineation applications. Solventborne and waterborne paints are also used for temporary pavement marking applications.

[Epoxy Pavement Marking Materials](#)

[Flexible Delineator Post - Permanent](#)

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EPOXY PAVEMENT MARKING MATERIALS, QUALIFIED PRODUCTS

NOTE: Only epoxy products from this list may be furnished to WisDOT projects
For each contract the contractor must submit a certified report of test or analysis indicating the results of laboratory tests made on the epoxy material furnished for the work.
The applicable manufacturer batch numbers are to be identified in the submittal.
Date last edited: 5/28/2009

All yellow epoxy markings approved for use in Wisconsin are required to be lead free.

		Color
Poly-Carb, Inc. 33095 Bainbridge Road Cleveland, Ohio 44139	Slow set Mark-55A, B	White
	Slow set Mark-55A, B (Non-Lead)	Yellow
	Fast set Mark 55.3A, B	White
	Fast set Mark 55.3A, B (Non-Lead)	Yellow

Innovative Performance Systems (IPS) 102 Commerce Dr. Cuba, MO 65453	Slow set HPS-2	White
	Slow set HPS-2 (Non-Lead)	Yellow
	Fast set HPS-3	White
	Fast set HPS-3	No lead Yellow

Epoplex One Park Avenue Maple Shade, NJ 08052	Fast set LS50	White A
	Fast set LS50 (Non-Lead)	Yellow - LF A
	Slow set LS60	White A
	Slow set LS60 (Non-Lead)	Yellow - LF A

Sherwin-Williams 2325 Hollins Ferry Rd Baltimore, Maryland 21230	Slow Cure BP 16427 [PMM(99WI)-130]*	White
	Lead Free- Slow Cure BP 16429 [PMM(99WI)-132]*	Yellow
	Fast Cure TM-8212	White
	Lead Free - Fast Cure TM-8215	Yellow

*[PMM(99WI)-13X] = AASHTO National Transportation Product Evaluation Program(NTPEP)"Report 00, Number 214" line number provided for information only.

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Delineator Flexible Posts**Markers Culvert****E.A.T. Marker Post**

Date last edited: 9/29/09

Manufacturer**Model Code**

Safe-Hit, A Division of
Energy Absorption
Systems, Inc.
35 East Wacker Drive,
Suite 1100
Chicago, Illinois 60601
(800) 537-8958

SH248GP3 - WS (white)

SH248GP3 - WS (white)

SH248GP3 - YA (yellow)

Davidson Traffic
Control Products
Tacoma, WA
253-284-8000

FG-566-SA -W1 (white)
FG-566-SA -Y1 (yellow)

8FG-566WHTPL136(double sided)

FG560-SA-Y1 (yellow)

Carsonite Composites
605 Bob Gifford Blvd
Early Branch, SC 29916
800-648-7916

Survivor Post CDS306601 (white)
Survivor Post CDS306602 (yellow)

Survivor Post CDS306601 (white)

Survivor Post CDS306002 (yellow)

Curv-Flex, CFR406601 (white)
Curv-Flex, CFR406602 (yellow)

Curv-Flex, CFR406601 (white)

Curv-Flex, CFR406002 (yellow)

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Pavement Marking Grooved Wet Reflective Tape

*A temporary marking change order may be required when previous let projects do not include as part of the bid item.

Date edited:7/13/09 Companion of STSP 646-018

Product	Manufacturer
Stamark Wet Reflective Pavement Marking Tape 380 WR ES	3M Traffic Control Materials Division
Stamark Wet Reflective Pavement Marking Tape A380AW	3M Center, Building 225-5S-08
Adhesive	P. O. Box 33225
3M Brand P-50	St. Paul, MN 55133-3225
Training	www.3m.com/tcm
3M Traffic Control Materials Division	
1-800-553-1380	

Existing Asphalt
Ensure the existing pavement can hold a groove

New Asphalt - choice between inlay or grooving

- A) Inlay tape when the coarse mix is between 130 and 170 degrees Fahrenheit, fine mix between 120 and 150 degrees Fahrenheit.
- B) Groove after waiting a minimum of ten days following paving
Air and surface temperature requirement of 40 degrees Fahrenheit and rising.

New For 2008: 100 mils +/- 10 mils groove

- Lane open to traffic - temporary marking included in bid item*.
- Lane closed to traffic - temporary marking not required

Rules to follow for the 2009 Construction Season:

New Marking:

Place Series 380-5WR (wet reflective tape) for entire lane line (12 1/2 feet typical). Do not place the 2 foot supplemental wet reflective tape segment.

Existing Sprayed Marking or 380I-ES(non wet reflective tape):

Place Series 2 foot supplemental segment 380-5WR Tape.

Note: SMA pavements require grooving

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Avoid use of the listed adhesive, no matter the container size, between

May 1 and September 31 in the non-attainment and maintenance Lake Michigan counties of Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Washington and Waukesha.

Pavement Marking Grooved Wet Reflective Contrast Tape

*A temporary marking change order may be required when previous let projects do not include as part of the bid item.

Date edited: 7/13/09 Companion of STSP 646-022

Product	Manufacturer
Stamark Wet Reflective Pavement Marking Tape 380-5WR ES	3M Traffic Control Materials Division
Stamark Wet Reflective Pavement Marking Tape A380AW-5	3M Center, Building 225-5S-08
Adhesive	P. O. Box 33225
3M Brand P-50	St. Paul, MN 55133-3225
Training	www.3m.com/tcm
3M Traffic Control Materials Division	
1-800-553-1380	

Existing Asphalt
Ensure the existing pavement can hold a groove

New Asphalt - choice between inlay or grooving

A) **Inlay tape** when the coarse mix is between 130 and 170 degrees Fahrenheit, fine mix between 120 and 150 degrees Fahrenheit.

B) **Groove after waiting a minimum of ten days following paving**
Air and surface temperature requirement of 40 degrees Fahrenheit and rising.

New For 2008: 100 mils +/- 10 mils groove
Lane open to traffic - temporary marking included in bid item*.
Lane closed to traffic - temporary marking not required

Rules to follow for the 2009 Construction Season:

New Marking:
Place Series 380-5WR (wet reflective tape) for entire lane line (12 1/2 feet typical). Do not place the 2 foot supplemental wet reflective tape segment.

Existing Sprayed Marking or 380I-ES(non wet reflective tape):
Place Series 2 foot supplemental segment 380-5WR Tape.

Note: SMA pavements require grooving

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Avoid use of the listed adhesive, no matter the container size, between May 1 and September 31 in the non-attainment and maintenance Lake Michigan counties of Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Washington and Waukesha.

Pavement Marking Wet Reflective Tape

Date edited: 7/13/2009 Companion of STSP 646-017

Product

Stamark Wet Reflective Pavement Marking Tape 380WR ES
Stamark Wet Reflective Pavement Marking Tape A380AW

Company

3M Traffic Control Materials Division
3M Center, Building 225-5S-08
P. O. Box 33225
St. Paul, MN 55133-3225
www.3m.com/tcm

Adhesive- Only for grooving in SMA

3M Brand P-50

Training

3M Traffic Control Materials Division

1-800-553-1380

Rules to follow for the 2009 Construction Season:

New Marking:

Place Series 380-5WR (wet reflective tape) for entire lane line (12 1/2 feet typical). Do not place the 2 foot supplemental wet reflective tape segment.

Existing Sprayed Marking or 380I-ES (non wet reflective tape):

Place Series 2 foot supplemental segment 380-5WR Tape.

Note: SMA pavements require grooving

Inlay tape when the coarse mix is between 130 and 170 degrees Fahrenheit, fine mix between 120 and 150 degrees Fahrenheit

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Preformed Plastic Marking Materials

Date edited: 8/7/09

Product	Manufacturer	Training
STAMARK Pliant Polymer Patterned Pavement Marking Tape High Performance Wet Reflective Tape 380 WR ES High Performance Wet Reflective Tape A380AW Adhesive- 3M Brand P-50	3M Traffic Control Materials Division 3M Center, Building 225-5S-08 P. O. Box 33225 St. Paul, MN 55133-3225 www.3m.com/tcm	3M Traffic Control Materials Division 1-800-553-1380
Brite-Line 1000 Adhesive- Brite-Line C-20 Contact Adhesive	Brite-Line Technologies, Inc. 104 Revere St. Canton, MA 02021 Phone: 888-201-6448 www.brite-line.com	
Swarco Director 60 Swarco Contact Cement Adhesive or Primer Sealer	Swarco Industries, Inc. 270 Rutherford Lane TN 38402 Columbia / USA Phone: 001-931-388-5900 Fax: 001-931-388-4039 E-Mail: office.industries@swarco.com	

Note: SMA pavements require grooving

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Avoid use of the listed adhesives, no matter the container size, between May 1 and September 31 in the non-attainment and maintenance Lake Michigan counties of Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Sheboygan, Washington and Waukesha

Preformed Thermoplastic Marking Materials**Surface Preheating Required?**

Date: 8/7/09

<u>Manufacturer</u>	<u>Product Name/brand</u>	
Ennis Paint, Inc 3550 Agricultural Center Dr. St. Augustine, FL 32092	Flametape	Yes
Flint Trading 115 Todd Court Thomasville, NC 27360	HotTape	Yes
Flint Trading 115 Todd Court Thomasville, NC 27360	PreMark VisiGrip	No

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SOLVENTBORNE PAINT

Date last edited: 04/01/2005

Only approved pavement marking products selected from the below list may be used. The list is established from the current Traffic Paint Performance Test done by the Bureau of Highway Operations. A sample of the product may be required by the engineer before use in order to verify the product is manufactured within the range of values listed below. The paint number shown on the list is a product number. This number must be marked on product containers and shipping documents. Refer to the Standard Specifications, section 646.2.2.

Company: Ennis Paint, Inc*

<u>Color</u>	<u>Paint number</u>
WHITE	UV 49W0021
YELLOW(no lead)	WIY AC-M-2

Company: Sherwin -Williams

<u>Color</u>	<u>Paint number</u>
WHITE	TM 5648
YELLOW(no lead)	TM 5705

* Formerly LaFarge - Centerline Industries, Inc.

Both products meet the WisDOT requirement of 91 grams/liter or less VOC

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WATERBORNE PAINT

Date last edited: 06/17/2007

Only approved pavement marking products selected from the below list may be used. The list is established from the current Traffic Paint Performance Test done by the Bureau of Highway Operations. A sample of the product may be required by the engineer before use in order to verify the product is manufactured within the range of values listed below. The paint number shown on the list is a product number. This number must be marked on product containers and shipping documents. Refer to the Standard Specifications, section 646.2.2.

<u>Company</u>	<u>Color</u>	<u>Paint Number</u>	<u>Manufacture Number</u>
Diamond -Vogel	White	#73W-VLX 15559	
Diamond -Vogel	Yellow	#79Y-VLX 15565	
Diamond -Vogel	White	#76W-VLX 15562 Hi Build	
Diamond -Vogel	Yellow	#77Y-VLX 15563 Hi Build	
*Ennis Paint	White	#29W-991015	
Ennis Paint	White	#28W-901014	
Ennis Paint	Yellow	#31Y-991017	
**Sherwin Williams - Baltimore	White	BP 16442 (Durable Hi-Build)	
Sherwin Williams - Baltimore	White	BP 16435 ⁽¹⁾	TM-2276
Sherwin Williams - Baltimore	Yellow	BP 16436 ⁽¹⁾	TM 2277
Sherwin Williams - Baltimore	Yellow	BP 16443 (Durable Hi- Build)	

*Formerly LaFarge- Centerline Industries
 ** Sherwin Williams has purchased Baltimore and is phasing out the Baltimore product name.

(1) Denotes products under contract #405088

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