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Last Update 7/28/2010

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
Pavement Marking Wet Reflective Tape
Pavement Marking Grooved Wet Reflective Tape
Pavement Marking Grooved Wet Reflective Contrast Tape
Preformed Plastic Marking Materials
Preformed Thermoplastic Marking Material
Solventborne Paints
Waterborne Paints

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: 4/9/2010

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

Ennis Traffic Safety Solutions (dba Ennis Paint, Inc.) Corporate Head Quarters 5910 N. Central Expressway Suite 1050 Dallas, TX 75206 800-331-8818 fax 214-666-8922 Tony Turoso- Technical Director tturoso@ennistraffic.com www.ennistraffic.com	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

<u>Manufacturer</u>	<u>Model Code</u>		
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)	8FG-566WHTPL136(double sided)	
	FG-566-SA -Y1 (yellow)		FG560-SA-Y1 (yellow)
Carsonite Composites 605 Bob Gifford Blvd Early Branch, SC 29916 800-648-7916	Survivor Post CDS306601 (white)	Survivor Post CDS306601 (white)	
	Survivor Post CDS306602 (yellow)		Survivor Post CDS306002 (yellow)
	Curv-Flex, CFR406601 (white)	Curv-Flex, CFR406601 (white)	
	Curv-Flex, CFR406602 (yellow)		Curv-Flex, CFR406002 (yellow)

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Pavement Marking Grooved Wet Reflective Tape

Bid Item for grooving into asphalt

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

Date edited: 3/3/2010 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 2010 Construction Season:

New Marking:

Place Series 380WR (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 380WR or A380AWTape.

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
Bid Item for grooving into concrete

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

Date edited: 3/3/2010 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 2010 Construction Season:
New Marking:
Place Series 380-5WR or A380AW-5 (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-5ES(non wet reflective tape):
Place Series 2 foot supplemental segment 380-5WR or A380AW-5 Tape.

Note: SMA pavements require grooving

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Pavement Marking Wet Reflective Tape

Inlaid Bid Item- See notes below

Date edited:3/3/2010 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 2010 Construction Season:

New Marking:

Place Series 380WR or A380AW (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 380WR or A380AW 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 (Tape) Marking Materials

See notes below

Date edited: 3/3/2010

Product

Stamark™ Extended Season Tape Series 380I ES
High Performance Wet Reflective Tape 380 WR ES
High Performance Wet Reflective Tape A380AW
Adhesive- 3M Brand P-50

Manufacturer

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

Training

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

Note: SMA pavements require grooving

E-Mail:
office.industries@swarco.com

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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: 4/9/2010

<u>Manufacturer</u>	<u>Product Name/brand</u>	
Ennis Traffic Safety Solutions (dba Ennis Paint, Inc.) Corporate Head Quarters 5910 N. Central Expressway Suite 1050 Dallas, TX 75206 800-331-8818 fax 214-666-8922 Tony Turoso- Technical Director tturoso@ennistraffic.com www.ennistraffic.com	FlametapeHS	Yes
Flint Trading 115 Todd Court Thomasville, NC 27360	HotTape with Skid Optics	Yes
Flint Trading 115 Todd Court Thomasville, NC 27360	PreMark VisiGrip	No

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SOLVENTBORNE PAINT

Date last edited: 7/28/2010

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 Traffic Safety Solutions (dba Ennis Paint, Inc.)*
Corporate Head Quarters
5910 N. Central Expressway
Suite 1050
Dallas, TX 75206
800-331-8818
fax 214-666-8922
Tony Turoso- Technical Director
tturoso@ennistraffic.com
www.ennistraffic.com

<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: 7/28/2010

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	Color	Paint Number	Manufacture Number
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 Traffic Safety Solutions (dba Ennis Paint, Inc.)*			
Coporate Head Quarters	White	#29W-991015	
5910 N. Central Expressway	White	#28W-901014	
Suite 1050	Yellow	#31Y-991017	
Dallas, TX 75206			
800-331-8818			
fax 214-666-8922			
Tony Turoso- Technical Director			
tturoso@ennistraffic.com			
www.ennistraffic.com			
**Sherwin Williams - Baltimore	White	BP 16442 (Durable Hi-Build)	
Sherwin Williams - Baltimore	White	BP 16435 ⁽¹⁾	TM-2326
Sherwin Williams - Baltimore	Yellow	BP 16436 ⁽¹⁾	TM-2327
Sherwin Williams - Baltimore	Yellow	BP 16443 (Durable Hi- Build)	
Sherwin Williams	White		TM 2508
Sherwin Williams	Yellow		TM 2509
Sherwin Williams (Niche Brands) ²	White		SW 106
Sherwin Williams (Niche Brands) ²	Yellow		SW 506

2) Approval for these products is only acceptable for contracts let prior to December 2010
For temporary pavement markings only under section 649- slower drying latex paints

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

(1) Denotes products under contract #405088