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2011



QUALIFIED PAVEMENT MARKING MATERIALS LIST

Last Update 11/7/2011

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
Temporary Pavement Marking Tape
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 certification of compliance certifying
that the epoxy supplied under the contract conforms to the Standard Specifications Section 646
The applicable manufacturer batch numbers are to be identified in the submittal.
Date last edited: 1/31/2011

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

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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Bureau of Project Development
Phone: (608) 266-2842
E-Mail:
Erik.Emerson@dot.wi.gov

Pavement Marking Grooved Wet Reflective Tape

Bid Item for grooving into asphalt

Please note for 2011:

Temporary marking is required when a lane is open to traffic during the 10 day wait period.

***Only 2010 certs allowed**

Date edited: 2/21/2011 Companion of STSP 646-018

<u>Product</u>	<u>Manufacturer</u>
Stamark Wet Reflective Tape 380WR ES*	3M Traffic Control Materials Division
Stamark Wet Reflective Tape A380AW	3M Center, Building 225-5S-08
<u>Adhesive</u>	P. O. Box 33225
3M Brand P-50 or SPA-60	St. Paul, MN 55133-3225
<u>Training</u>	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 2010: 120 mils +/- 10 mils groove

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

Rules to follow for the 2011 Construction Season:

New Marking:

Place Series A380AW or 380WR ES(wet reflective tape) for entire lane line (12 1/2 feet typical).

Existing Sprayed Marking or A380I-ES(non wet reflective tape):

Place 2 foot supplemental segment A380AW or 380WR ES Tape.

Note: SMA pavements require grooving

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Avoid use of the P-50 adhesive, no matter the container size, between

May 1 and September 30 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

Please note for 2011:
Temporary marking is required when a lane is open to traffic during the 10 day wait period.
***Only 2010 certs allowed**

Date edited: 2/21/2011 Companion of STSP 646-022

Product	Manufacturer
Stamark Wet Reflective Tape A380AW-5	3M Traffic Control Materials Division
Stamark Wet Reflective Tape 380-5WR ES*	3M Center, Building 225-5S-08
Adhesive	P. O. Box 33225
3M Brand P-50 or SPA-60	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 2010: 120 mils +/- 10 mils groove
Lane open to traffic - temporary marking bid item is required.
Lane closed to traffic - temporary marking not required

Rules to follow for the 2011 Construction Season:
New Marking:
Place Series A380AW-5 or 380-5WR ES(wet reflective tape) for entire lane line (12 1/2 feet typical).

Existing Sprayed Marking or A380I-5ES(non wet reflective tape):
Place 2 foot supplemental segment A380AW-5 or 380-5WR ES Tape.

Note: SMA pavements require grooving

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Avoid use of the P-50 adhesive, no matter the container size, between May 1 and September 30 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

Inlaid Bid Item- See notes below

***Only 2010 certs allowed**

Date edited:2/21/2011 Companion of STSP 646-017

Product

Stamark Wet Reflective Tape 380WR ES*
Stamark Wet Reflective 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 or SPA-60

Training

3M Traffic Control Materials Division

1-800-553-1380

Rules to follow for the 2011 Construction Season:

New Marking:

Place Series A380AW or 380WR ES(wet reflective tape) for entire lane line (12 1/2 feet typical).

Existing Sprayed Marking or A380I-ES(non wet reflective tape):

Place 2 foot supplemental segment A380AW or 380WR ES 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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Avoid use of the P-50 adhesive, no matter the container size, between May 1 and September 30 in the non-attainment and maintenance Lake Michigan counties of Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Washington and Waukesha.

Preformed Plastic (Tape) Marking Materials

See notes below

Date edited: 2/21/2011

Companion of Hot Topics Preformed Plastic Specials http://dotnet/dtid_bho/extranet/manuals/hottopics/index.shtml

For 646.xxxx and Roundabout SPV bid numbers

For Long Line Marking

*Only 2010 certs allowed

Product

Stamark Tape A380I-ES
Stamark Tape A380I-5ES
Stamark Wet Reflective Tape 380WR ES*
Stamark Wet Reflective Tape 380-5WR ES*

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

Adhesive- 3M Brand P-50 or SPA-60

Deltaline XRP
Deltaline XRP-HCL
Deltaline XRP- R
Deltaline XRP-R-HCL

Brite-Line Technologies, LLC.

10660 E.51st Ave.
Denver, CO 80239
Phone: 888-201-6448
www.brite-line.com

Adhesive- Brite-Line C20 or D20 Contact Adhesive

Swarco Director 60

Swarco Industries, Inc.
270 Rutherford Lane
TN 38402 Columbia / USA
Phone: 001-931-388-5900
Fax: 001-931-388-4039

Swarco Contact Cement Adhesive or Primer Sealer

Note: SMA pavements require grooving

E-Mail:
office.industries@swarco.com

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Avoid use of the listed adhesives, except for SPA-60, no matter the container size, between May 1 and September 30 in the non-attainment and maintenance Lake Michigan counties of Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Washington and Waukesha

Preformed Plastic (Tape) Marking Materials

See notes below

Date edited: 2/21/2011

Companion of Hot Topics Grooved Preformed Plastic Special http://dotnet/dtid_bho/extranet/manuals/hottopics/index.shtml

For 647.xxxx and Roundabout SPV bid numbers

For Special Marking

***Only 2010 certs allowed**

Product

Stamark™ Extended Season Tape Series 380I ES
Stamark Wet Reflective Tape 380WR ES*

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

Adhesive- 3M Brand P-50 or SPA-60

Deltaline XRP

Brite-Line Technologies, LLC.

10660 E.51st Ave.
Denver, CO 80239

Adhesive- Brite-Line C20 or D20 Contact Adhesive

Phone: 888-201-6448
www.brite-line.com

Swarco Director 60

Swarco Industries, Inc.
270 Rutherford Lane
TN 38402 Columbia / USA

Swarco Contact Cement Adhesive or Primer Sealer

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, except for SPA-60, no matter the container size, between May 1 and September 30 in the non-attainment and maintenance Lake Michigan counties of Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Washington and Waukesha

Preformed Thermoplastic Marking Materials

Date: 11/7/2011

Manufacturer	Product Name/brand	Surface Preheating Required?
Flint Trading 115 Todd Court Thomasville, NC 27360	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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***Utilize boarder ,outside edge black marking, when contrast is specified in the contract.**

TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE

Date last edited: 2/8/2011

<u>Manufacturer</u>	<u>Product Name/model</u>	<u>Color</u>
Advanced Traffic Markings	ATM 200 Series	white or yellow
	ATM 280 Series	black
Garlock Rubber Technologies*	Series 2000	white or yellow
Brite-Line Technologies, LLC.	Deltaline BTR	black
	Series 100	white or yellow
	Delta-Line TWR	white or yellow
3M Company	3M ScotchLane Series 710	white or yellow
	3M ScotchLane Series 145	black
PB Laminations, Inc.	Aztec 102	white
	Aztec 390	yellow
Trelleborg	Trelleborg Removable Road Tape	white or yellow
Swarco Industries, Inc.	Director 2	white or yellow
	Director 2 Blackout	black

* Formerly Biltrite

Contact:

Thomas Notbohm

Bureau of Traffic Operations

Division of Transportation Infrastructure Development

Wisconsin Department of Transportation

Phone (608)-266-0982

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thomas.notbohm@dot.state.wi.us

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>
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WHITE	UV 49W0021
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YELLOW(no lead)	WIY AC-M-2
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Company: Sherwin -Williams

<u>Color</u>	<u>Paint number</u>
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WHITE	TM 5648
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YELLOW(no lead)	TM 5705
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* Formerly LaFarge - Centerline Industries, Inc.

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

Contact:

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WATERBORNE PAINT

Date last edited: 8/11/11

Only approved pavement marking products selected from the below list may be used for let contract work. The list is established from the current Traffic Paint Performance Test done by the Bureau of Traffic 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 on file. 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
Sherwin Williams - Baltimore	White	BP 16442 (Durable Hi-Build)	
Sherwin Williams - Baltimore	White	BP 16435	TM-2326(1)
Sherwin Williams - Baltimore	Yellow	BP 16436	TM-2327(1)
Sherwin Williams - Baltimore	Yellow	BP 16443 (Durable Hi- Build)	
Sherwin Williams	White		TM 2508 (1)
Sherwin Williams	Yellow		TM 2509 (1)
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	White	#28W-901014	
	Yellow	#31Y-991017	
	White	985351	Wolverine Low
	Yellow	985352	Temperature Paint
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
Hallman Lindsay Ph: 608-834-8844 paint@hallmanlindsay.com Hallman Lindsay ² Hallman Lindsay ²	White		AQUA ZONE 471
	Yellow		AQUA ZONE 471Y
Sherwin Williams (Niche Brands) ²	White		SW 106
Sherwin Williams (Niche Brands) ²	Yellow		SW 506

(1)Only Sherwin Williams products can be used for both let contract and county TMA maintenance marking. as part of state contract #405944. Sherwin Williams High Build products are optional for let and county maintenance

2)Approval for these products is only acceptable for contracts let prior to December 2011
For temporary pavement markings only under section 649- slower drying latex paints

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