

## NCDOT Signing and Delineation Unit Qualified Products List

### Delineators

#### 3M

3M Center, Building 235-3A-09  
St. Paul MN 55144-

**Rep:** Tim Inglis State Government Rep  
**Phone#'s** (919) 225-3122 (800) 553-1380  
**Fax#** (919) 362-3831

LDS 344/346 Barrier and Guardrail Delineator

[File Comments](#)

Linear reflectorization system for concrete barriers and metal guardrails.

#### ARTUK INC.

1200 Abbott Drive  
Elgin IL 60123

**Rep:** Gregg Schueler  
**Phone#'s** (847) 841-7050  
**Fax#** (847) 488-9154

Model 717 Flexible Guardrail Delineator

[File Comments](#)

Model 717 is bolt on.

Model 721 Flexible Guardrail Delineator

[File Comments](#)

Model 721 is glue on.

#### Astro Optics Corp.

1901 North Roselle Road  
Schaumburg IL 60195

**Rep:** Gary Kinberg President  
**Phone#'s** (847) 488-9151  
**Fax#** (888) 312-8262

FT Series Side Mounted Barrier Delineator

[File Comments](#)

Approved as a side mounted barrier delineator only.

JD Series Side Mounted Barrier Delineator

[File Comments](#)

Approved as a side mounted delineator only.

RT-90 Center Mount Barrier Delineator

[File Comments](#)

Approved as NC Type II object marker. 7 Sq In reflective area

#### Carsonite Composites

19845 U.S. Highway 76  
Newberry SC 29108

**Rep:** Heath McCutcheon Eastern Regional Manager  
**Phone#'s** (800) 648-7916  
**Fax#** (803) 276-8940

Channelizer™ "Round" Surface Mount Tubular Marker

[File Comments](#)

Model #'s SDC20363601MB, SDC20363602MB, SDC20363604MB

GreenLine™ CGD1-U Ground Mounted Flexible Delineator

[File Comments](#)

U-channel required

Super Duck™ Surface Mount Tubular Marker

[File Comments](#)

Product Name	Description	Vendor
<b><u>Flexstake, Inc.</u></b>		
	2150 Andre Lane Ft. Myers FL 33912	<b>Rep:</b> Danny Aguila <b>Phone#'s</b> (239) 481-3539 <b>Fax#</b> (239) 482-3539
TM750 Series <a href="#">File Comments</a>	Surface Mount Tubular Marker	
<b><u>Hall Manufacturing Corp.</u></b>		
	297 Margaret King Avenue Ringwood NJ 07456	<b>Rep:</b> Carrie Clark <b>Phone#'s</b> (973) 962-6022 <b>Fax#</b> (973) 962-7652
Flexx 2020™ <a href="#">File Comments</a>	Barrier Delineator	Director of Operatons
Delineator can be made to varying lengths and either 3" or 4 1/4" wide. Product is only approved if reflective area meets current specs for reflective area.		
Railrider™ <a href="#">File Comments</a>	Guardrail Delineator	
<b><u>Impact Recovery Systems, Inc.</u></b>		
	4955 Stout Drive San Antonio TX 78219	<b>Rep:</b> Bill Ward <b>Phone#'s</b> (800) 736-5256 <b>Fax#</b> (210) 734-6448
TP Series <a href="#">File Comments</a>	Surface Mount Tubular Marker	Southeast Regional Manager
<b><u>Irwin Hodson Company</u></b>		
	2838 SE 9th Avenue Portland OR 97202	<b>Rep:</b> Gary Johnson <b>Phone#'s</b> (503) 419-4624 <b>Fax#</b> (503) 239-5304
Model BTR <a href="#">File Comments</a>	Barrier and Guardrail Delineator	
Four heights available- 5" BTR, 7" BTR, 9" BTR and 11" BTR. The 11" BTR is approved as a top mounted barrier delineator.		
Model BTRL <a href="#">File Comments</a>	Barrier and Guardrail Delineator	
Four heights available- 5" BTRL, 7" BTRL, 9" BTRL and 11" BTRL. The 11" BTRL is approved as a top mounted barrier delineator.		
<b><u>New Direction Mfg. Inc</u></b>		
	8912 North Fork Drive North Fort Myers Flori 33903	<b>Rep:</b> Dale Wheeler <b>Phone#'s</b> (239) 464-6591 <b>Fax#</b> (239) 656-6621
TSM <a href="#">File Comments</a>	Surface Mount Tubular Marker	Vice President
<b><u>Pexco, LLC/Davidson TCP</u></b>		
	3110 70th Avenue East Tacoma WA 98424	<b>Rep:</b> Shelly Williams <b>Phone#'s</b> (253) 284-8000 <b>Fax#</b> (253) 284-8080
City Post® <a href="#">File Comments</a>	Surface Mount Tubular Marker	Southeast Regional Sales
The City Post® is installed to the roadway with an embedded anchor cup. The post threads into the cup and tightened using a supplied wrench. See manufacturer's installation procedure.		
City Post® GD <a href="#">File Comments</a>	Surface Mount Tubular Marker	(469) 271-8648
The City Post® GD is installed to the roadway with a two-part raised pavement marker epoxy. See manufacturer's installation procedure.		

**Product Name****Description****Vendor**

City Post® SM

Surface Mount Tubular Marker

[File Comments](#)

The City Post® SM is installed to the roadway with mechanical fasteners. See manufacturer's recommendation for fasteners and installation procedure.

Flexi-Guide FG300 EFX

Surface Mount Tubular Marker

[File Comments](#)

Flexi-Guide FG300 UR

Surface Mount Tubular Marker

[File Comments](#)

Flexi-Guide FG500

Ground Mounted Flexible Delineator

[File Comments](#)

PCBM

Barrier Delineator

[File Comments](#)

Approved for use as a side mounted barrier delineator:

PCBM-9, PCBM-12, PCBM-T12, PCBM-15

Approved for use as a top mounted barrier delineator:

PCBM-36, PCBM-T16

**Plastic Safety Systems, Inc.**

2444 Baldwin Rd  
Cleveland OH 44104

**Rep:** Steve Walker  
**Phone#'s** (216) 409-6468  
**Fax#** (216) 231-2702

Highway Safety Consltant  
(800) 662-6338

Quik-Gard™

Guardrail Delineator

[File Comments](#)**Professional Pavement Products, Inc.**

9556 Historic Kings Rd. South - Unit  
Jacksonville, FL

**Rep:** Gregory Driskell  
**Phone#'s** (904) 448-4074  
**Fax#** (904) 448-4076

Median Alert™

Median Nose and Curbed Area Delineator

[File Comments](#)

Installation instructions must be followed step by step. Must be screwed in along with using the adhesive backing.

**Safe-Hit**

70 W. Madison Street, Suite 230  
Chicago Illin 60602

**Rep:** Brad Lee  
**Phone#'s** (919) 290-2545  
**Fax#** (800) 770-6755

(800) 537-8958

Safe-Hit™ Guide Post

Ground Mounted Delineator

[File Comments](#)

Flexible post mounted to galvanized anchor. Post can be replaced to existing anchor if damaged.

**Delineation Miscellaneous****Ennis-Flint**

115 Todd Court  
Thomasville NC 27360

**Rep:** Ray Kennedy  
**Phone#'s** (336) 337-0949  
**Fax#** (336) 475-7900

(336) 475-6600

LTL-2000

Retroreflectometer

[File Comments](#)

LTL-X

Retroreflectometer

[File Comments](#)

## Pavement Markers

### 3M

3M Center, Building 235-3A-09  
St. Paul MN 55144-

**Rep:** Tim Inglis State Government Rep  
**Phone#'s** (919) 225-3122 (800) 553-1380  
**Fax#** (919) 362-3831

Series 190 Snowplowable Marker Replacement Lens

[File Comments](#)

One-way and two-way snowplowable markers in 48mm width.

Series 290 Raised Pavement Marker, 4" x 4"

[File Comments](#)

Raised markers for permanent and temporary use.

### Apex Universal, Inc.

11033 Forest Place  
Santa Fe Springs CA 90670

**Rep:** Steve Edsinga Sales Manager  
**Phone#'s** (562) 944-8878  
**Fax#** (562) 944-2298

Model 921 Raised Pavement Marker, 4" x 4"

[File Comments](#)

### Ennis-Flint

115 Todd Court  
Thomasville NC 27360

**Rep:** Ray Kennedy  
**Phone#'s** (336) 337-0949 (336) 475-6600  
**Fax#** (336) 475-7900

PreMark® Bundy Thermoplastic Pavement Marker Adhesive

[File Comments](#)

Stimsonite® Model 101 Snowplowable Marker

[File Comments](#)

Use Model C40 for replacement lens

Stimsonite® Model C40 Snowplowable Marker Lens

[File Comments](#)

Stimsonite® Model C80 Raised Pavement Marker

[File Comments](#)

### Epoplex

1000 East Park Avenue  
Maple Shade NJ 08052

**Rep:** Don Rowell Southeast Sales Manager  
**Phone#'s** (800) 882-6920  
**Fax#** (856) 779-2963

MA50 Epoxy Epoxy Pavement Marker Adhesive

[File Comments](#)

### Henry Company

999 North Sepulveda Blvd., Suite 800  
El Segundo CA 90245

**Rep:**  
**Phone#'s** (310) 955-9200 (800) 486-1278  
**Fax#** (866) 223-1285

HE193 Dot Stick™ Bituminous Pavement Marker Adhesive

[File Comments](#)

Product Name	Description	Rep:	Phone#s	Fax#	Vendor
<b><u>Magnolia Advanced Materials</u></b>					
	5547 Peachtree Blvd Chamblee GA 30341	Artie Livingston	(770) 451-2777		Account Executive
ReflectorLock™	Pavement Marker Adhesive				
<a href="#">File Comments</a>	Adhesive for snowplowable pavement markers.				
<b><u>Martin Asphalt Company</u></b>					
	Three Riverway, Suite 1250 Houston TX 77056	Jack Nimmo	(713) 350-6849		
Evergrip	Bituminous Pavement Marker Adhesive				
<a href="#">File Comments</a>					
<b><u>Olin POLY-CARB</u></b>					
	8440 Tower Drive Twinsburg OH 44087	Dan Patacca	(216) 536-7777 (330) 405-3314		(880) 225-5649
Mark 29	Epoxy Pavement Marker Adhesive				
<a href="#">File Comments</a>	Epoxy adhesive for snowplowable pavement markers.				
Mark 29.9	Epoxy Pavement Marker Adhesive				
<a href="#">File Comments</a>	Low temperature Epoxy adhesive for snowplowable pavement markers.				
<b><u>Pexco, LLC/Davidson TCP</u></b>					
	3110 70th Avenue East Tacoma WA 98424	Shelly Williams	(253) 284-8000 (253) 284-8080		Southeast Regional Sales (469) 271-8648
TRPM Chip Seal Marker	Temporary Raised Marker				
<a href="#">File Comments</a>					
<b><u>Rayolite</u></b>					
	5401 North Sam Houston Parkway Houston TX 77086	Emilio Gonzales	(281) 453-0200 (281) 583-1506		Sr. Business Developer (800) 848-7025
Hallen H1010HP	High Profile Snowplowable Marker				
<a href="#">File Comments</a>					
Model 2002	Raised Pavement Marker				
<a href="#">File Comments</a>					
Model 2004	Snowplowable Marker Lens Replacement				
<a href="#">File Comments</a>					
Model 'AA'	Raised Pavement Marker				
<a href="#">File Comments</a>					
Snowlite 100	High Profile Snowplowable Marker				
<a href="#">File Comments</a>					

## Pavement Marking

### 3M

3M Center, Building 235-3A-09  
St. Paul MN 55144-

**Rep:** Tim Inglis State Government Rep  
**Phone#'s** (919) 225-3122 (800) 553-1380  
**Fax#** (919) 362-3831

3M Reflective Elements Highly Reflective Elements

[File Comments](#)

Stamark™ 145 Removable Black Line Mask Tape

[File Comments](#)

Removable, preformed, patterned, black pavement tape used to mask existing long lines and gore markings.

Stamark™ Series 380I ES High Performance Permanent Tape

[File Comments](#)

380I ES- White tape non-linered, 381I ES- Yellow tape non-linered

Stamark™ Series 380I-5 ES High Performance Permanent Contrast Tape

[File Comments](#)

380I-5 ES White/Black tape, 381I-5 ES Yellow/Black tape

Stamark™ Series 380WR ES High Performance Wet Reflective Tape

[File Comments](#)

Stamark™ Series LPM Highly Reflective Polyurea Pavement Marking

[File Comments](#)

Polyurea with Highly Reflective elements

### Advance Traffic Markings

P. O. Box H  
Roanoke Rapids NC 27870-

**Rep:** Don Rowell Regional Sales Manager  
**Phone#'s** (252) 536-2574 (252) 326-3192  
**Fax#** (252) 536-4940

ATM 200 Series Removable Tape, 45 mils

[File Comments](#)

ATM 300 Series Permanent Tape, 60 mils

[File Comments](#)

ATM 300C Series Contrast Marking Tape

[File Comments](#)

### Brite-Line Technologies

10660 East 51st Ave  
Denver CO 80239

**Rep:** Gordon Sill Product Engineer  
**Phone#'s** (303) 375-1293 (888) 201-6448  
**Fax#** (303) 375-8557

100 Series Removable Tape

[File Comments](#)

Deltaline® TWR Removable Tape

[File Comments](#)

### Crown Technology, LLC

35 Industrial Park Drive  
Woodbury GA 30293

**Rep:** Joe Winters Technical Manager  
**Phone#'s** (706) 553-9500  
**Fax#** (706) 553-9501

TuffLine® Molten Thermoplastic

[File Comments](#)

Product Name	Description	Vendor
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## Ennis-Flint

115 Todd Court  
Thomasville NC 27360

**Rep:** Ray Kennedy  
**Phone#'s** (336) 337-0949  
**Fax#** (336) 475-7900

(336) 475-6600

DecoMark® Decorative Thermoplastic

[File Comments](#)

Used for logos and horizontal signage

HPS®3 Epoxy Fast Cure Epoxy Pavement Marking

[File Comments](#)

Pavemark® Molten Thermoplastic

[File Comments](#)

Product packaging must be labeled "Pave-Mark".

PreMark® Heated-In-Place Preformed Thermoplastic

[File Comments](#)

TrafficPatterns XD™ Decorative Pavement Marking System

[File Comments](#)

Used for decorative crosswalks

TrafficPatterns® Decorative Thermoplastic

[File Comments](#)

Used for decorative crosswalks & traffic calming surfaces

Vibraline® Molten Thermoplastic Profile Pavement Marking

[File Comments](#)

Weissker® Lux Glass Glass Beads

[File Comments](#)

## Epoplex

1000 East Park Avenue  
Maple Shade NJ 08052

**Rep:** Don Rowell  
**Phone#'s** (800) 882-6920  
**Fax#** (856) 779-2963

Southeast Sales Manager

GLOMARC®90 Highly Reflective Polyurea Pavement Marking

[File Comments](#)

Polyurea with Highly Reflective elements

LS50 Epoxy-Long Life Pavement Marking

[File Comments](#)

LS90 Polyurea Pavement Marking

[File Comments](#)

## Olin POLY-CARB

8440 Tower Drive  
Twinsburg OH 44087

**Rep:** Dan Patacca  
**Phone#'s** (216) 536-7777  
**Fax#** (330) 405-3314

(880) 225-5649

MARK-55.0 Epoxy-Long Life Pavement Marking

[File Comments](#)

Slow cure pavement marking.

MARK-55.4 Epoxy-Long Life Pavement Marking

[File Comments](#)

## Ozark Materials, LLC

591 Glendale Avenue  
Greenville AL 36037

**Rep:** Jeff Low  
**Phone#'s** (972) 467-9959  
**Fax#**

Ozark Molten Molten Thermoplastic

[File Comments](#)

Product Name	Description	Vendor
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## Paveway Systems

114 Indian Lakes Lane  
 Florahome FL 32140

**Rep:** Chris Albright  
**Phone#s** (386) 659-1316 (317) 441-7974  
**Fax#** (386) 659-1614

Paveway STS Decorative Crosswalk  
[File Comments](#)

## POTTER'S INDUSTRIES, INC.

P.O. Box 841  
 Valley Forge PA 19482-

**Rep:** Tom Bell Regional Sales Manager  
**Phone#s** (610) 651-4700  
**Fax#** (610) 408-9724

NC High Performance High Performance Glass Beads  
[File Comments](#)  
 High Performance glass bead that can be used as an alternate drop-on bead to standard glass beads.

Potter's Beads Regular Gradation Glass Beads  
[File Comments](#)

Visimax™ Highly Reflective Elements  
[File Comments](#)

## Sherwin-Williams, Highway Products

Cleveland OH 44115

**Rep:** Martin Sierocinski  
**Phone#s** (865) 805-8000 (800) 368-2026  
**Fax#** (423) 318-8899

Smart Mark™ Molten Thermoplastic  
[File Comments](#)

## Swarco Industries, Inc.

270 Rutherford Lane  
 Columbia TN 38402

**Rep:** Scott Pantall  
**Phone#s** (931) 560-4162 (931) 388-5900  
**Fax#** (931) 388-4039

Director 2 Removable Tape  
[File Comments](#)

NC High Performance High Performance Glass Beads  
[File Comments](#)  
 High Performance glass bead that can be used as an alternate drop-on bead to standard glass beads.

NC Type Drop-on Regular Gradation Glass Beads  
[File Comments](#)

Swarcotherm Molten Thermoplastic  
[File Comments](#)

## Channelizing Curb Systems

### Impact Recovery Systems, Inc.

4955 Stout Drive  
 San Antonio TX 78219

**Rep:** Bill Ward Southeast Regional Manager  
**Phone#s** (800) 736-5256  
**Fax#** (210) 734-6448

Tuff Curb® Channelizing Curb System  
[File Comments](#)

Product Name	Description	Vendor
<b><u>Pexco, LLC/Davidson TCP</u></b>		
3110 70th Avenue East Tacoma WA 98424		
FG 300 Curb System	Channelizing Curb System	
<a href="#">File Comments</a>		
		<b>Rep:</b> Shelly Williams <b>Phone#'s</b> (253) 284-8000 <b>Fax#</b> (253) 284-8080 Southeast Regional Sales (469) 271-8648

<b><u>QWICK KURB, INC.</u></b>		
1916 US 41 South Ruskin FL 33570		
Quick Kurb	Channelizing Curb System	
<a href="#">File Comments</a>		
NCHRP 350 Certified		
		<b>Rep:</b> Matthew Schindler <b>Phone#'s</b> (813) 645-5072 <b>Fax#</b> (813) 645-4856 Regional Sales Manager

## Signing Reflective Sheeting

<b><u>3M</u></b>		
3M Center, Building 235-3A-09 St. Paul MN 55144-		
		<b>Rep:</b> Tim Inglis <b>Phone#'s</b> (919) 225-3122 <b>Fax#</b> (919) 362-3831 State Government Rep (800) 553-1380

Diamond Grade™ DG<sup>3</sup> 4000 NC Grade A, B & C: Rigid Sign Sheeting  
[File Comments](#)  
 4090- White, 4091-Yellow, 4092- Red, 4095- Blue, 4097- Green, 4099-Brown, 4081- FL Yellow, 4083- FL Yellow-Green, 4084- FL Orange

Diamond Grade™ Series 3924 Fluorescent Orange Rigid Sign Sheeting  
[File Comments](#)

Diamond Grade™ VIP 3990 NC Grade A, B & C: Rigid Sign Sheeting  
[File Comments](#)  
 3990- White, 3991-Yellow, 3992- Red, 3995- Blue, 3997- Green,  
 3954- FL Orange, 3981- FL Yellow, 3983- FL Yellow-Green

High Intensity Grade 3930 NC Grade C: Rigid Sign Sheeting  
[File Comments](#)  
 3930- White, 3931-Yellow, 3932- Red, 3935- Blue, 3937- Green,  
 3939- Brown

<b><u>Avery Dennison, Reflective Films Div.</u></b>		
7542 North Natchez Avenue Niles IL 60714		
		<b>Rep:</b> Laurie Girton <b>Phone#'s</b> (440) 463-3318 <b>Fax#</b> Regional Sales Manager (800) 443-9380

T-11500 OmniCube™ Series NC Grade A, B & C: Rigid Sign Sheeting  
[File Comments](#)  
 T-11500- White, T-11501- Yellow, T-11505- Blue, T-11507- Green,  
 T-11508- Red, T-11511- FL Yellow, T-11513- FL Yellow-Green

T-6500 Series NC Grade C: Rigid Sign Sheeting  
[File Comments](#)  
 T-6500- White, T-6501-Yellow, T-6504- Orange, T-6505- Blue,  
 T-6507- Green, T-6508- Red, T-6509- Brown

T-9500 OmniView™ Series NC Grade A, B & C: Rigid Sign Sheeting  
[File Comments](#)  
 T-9500- White, T-9501- Yellow, T-9505- Blue, T-9507- Green,  
 T-9508- Red, T-9511- FL Yellow, T-9513- FL Yellow-Green,  
 W-9514- FL Orange

<b>Product Name</b>	<b>Description</b>	<b>Vendor</b>
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W-11000 OmniCube™	Pre-Striped Barricade Sheeting	
<a href="#">File Comments</a>		
Approved for use on barricades		

W-7514	Fluorescent Orange Rigid Sign Sheeting	
<a href="#">File Comments</a>		

WR-6100 Series	Reboundable Microprismatic Sheeting for Drums	
<a href="#">File Comments</a>		
Approved WR-6100 (White) and WR-6104 (Orange) as a Grade C sheeting for use on drums		

## **Nippon Carbide Industries (USA), Inc.**

12981 E. Florence Ave.  
Sante Fe Springs CA 90670

<b>Rep:</b>	James Hu	Technical Director
<b>Phone#'s</b>	(800) 821-4264	
<b>Fax#</b>	(888) 330-7119	

Nikkalite® CRG 94000	NC Grade A & B : Rigid Sign Sheeting	
<a href="#">File Comments</a>		
Approved for use as follows:		
CRG 94802 - White - Grade A		
CRG 94804 - Yellow - Grade A		
CRG 94806 - Blue - Grade A		
CRG 94808 - Green - Grade B		

Nikkalite® Ultralite	NC Grade C: Rigid Sign Sheeting	
<a href="#">File Comments</a>		
CN 504- Yellow, CN 505- Red, CN 506- Blue, CN 507- Orange, CN 508- Green, CN 509- Brown, CN 512- White		

## **ORAFOL Americas Inc.**

120 Darling Drive  
Avon CT 06001

<b>Rep:</b>	Jonathan Corbin	Mid-South Sales
<b>Phone#'s</b>	(678) 358-0959	(860) 676-7100
<b>Fax#</b>	(860) 676-7199	

ORALITE® 5900 Series	NC Grade B & C : Rigid Sign Sheeting	
<a href="#">File Comments</a>		
See note in file regarding NTPEP test samples of this product. Colors were approved for use as the following NC grades:		
5900-010 - White - Grade C		
5900-020 - Yellow - Grade C		
5900-030 - Red - Grade C		
5900-060 - Green - Grade C		
5900-050 - Blue - Grade B		

ORALITE® AR1000	Type V Abrasion-Resistant Sheeting	
<a href="#">File Comments</a>		
Typical for use on flexible delineator posts, barrier-mounted delineators, and guardrail delineators.		

## **Signing Miscellaneous**

### **Chicago Heights Steel**

211 E. Main Street  
Chicago Heights IL 60411

<b>Rep:</b>	Ryan Smith	
<b>Phone#'s</b>	(708) 756-5648	
<b>Fax#</b>	(708) 756-5628	

Safety-Splice™ Signpost	Sign Post Splice System	
<a href="#">File Comments</a>		
This product is to be used in conjunction with Chicago Heights Steel U-Channel Post Sign Supports.		