



# QUALIFIED PRODUCTS LIST (QPL)

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**QPL Category Notes:**

**12/31/19 NDOT has removed all non-MASH-16 compliant products from the following eight QPL categories:**

<u>Category Number</u>	<u>Category Description</u>	<u>Category Number</u>	<u>Category Description</u>
214.02.01	MAILBOX SUPPORT SYSTEMS	625.02.05	IMPACT ATTENUATOR (TRUCK MOUNTED)
618.02.01a	GUARDRAIL TERMINAL	625.02.06	ALTERNATIVE PORTABLE BARRIER RAIL
625.02.03	CHANGEABLE MESSAGE SIGNS	625.03.03	SIGN SUPPORT SYSTEM
625.02.04	IMPACT ATTENUATOR (TEMPORARY)	625.03.04	BARRICADES

Products in the above eight categories on the active QPL just prior to the 12/31/19 deadline date may not be purchased new after that date but can continue to be used throughout their normal service life. MASH-16 compliant devices presented to NDOT through its product evaluation program at <https://www.nevadadot.com/doing-business/about-ndot/ndot-divisions/planning/research/product-evaluation> will be considered for inclusion on future QPLs.

***If you have any questions related to NDOT’s MASH-16 compliance plan or questions regarding the status of any the previously removed safety related products, please contact Eric Dimit at 775-888-7523 or [edimit@dot.nv.gov](mailto:edimit@dot.nv.gov).***

- 401.03.02 ASPHALT RELEASE AGENTS category has new acceptance criteria.
- 502.02.04a CONCRETE STAIN category eliminated from the QPL as the category was no longer needed.
- 502.02.04b CONCRETE PAINT category has new acceptance criteria.
- 612.02.01 GRAFFITI RESISTANT COATINGS category eliminated from the QPL as the category was no longer needed.
- 616.03.01 FENCE POST BAG MIX CONCRETE is a new category.
- 618.02.01a GUARDRAIL TERMINAL. All NCHRP-350 approved tangential products were removed from the category to keep NDOT's QPL compliant with the MASH-16 implementation plan. Tangential products which were listed on the 4/18/18 QPL may be repaired but are no longer approved for replacement or new installation.
- 623.02.31 DRIVER FEEDBACK SIGNS category eliminated from the QPL as the category was no longer needed.
- 625.02.06 WATER FILLED BARRIER RAIL category has been modified to ALTERNATIVE PORTABLE BARRIER RAIL to allow for additional types of barriers.
- 637.03.02 DUST PALLIATIVE (OPTIONAL) category was eliminated from the QPL at the request of the Stormwater section. Please contact this section directly with your project needs.
- 641.02.01 IMPACT ATTENUATOR. All NCHRP-350 approved products were removed from category to keep NDOT's QPL compliant with the MASH-16 implementation plan. Products which were listed on the 12/17/18 QPL may be repaired but are no longer approved for replacement or new installation. If you have any questions on this matter, please contact Eric Dimit at 775-888-7523 or [edimit@dot.nv.gov](mailto:edimit@dot.nv.gov).
- 726.03.04 HERBICIDES category eliminated from the QPL at the request of its Landscape Design and Stormwater sections. Please contact these personnel directly with any needs for your project.
- 726.03.07 MULCH category eliminated from the QPL at the request of its Landscape Design and Stormwater sections. Please contact these personnel directly with any needs for your project.
- 726.03.08 TACKIFIER category eliminated from the QPL at the request of its Landscape Design and Stormwater sections. Please contact these personnel directly with any needs for your project.
- 726.03.17 SOIL STABILIZER category eliminated from the QPL at the request of its Landscape Design and Stormwater sections. Please contact these personnel directly with any needs for your project.

# NEVADA DEPARTMENT OF TRANSPORTATION

## QUALIFIED PRODUCTS LIST (QPL)

### 213.02.17 BACKFLOW PREVENTER COVERS

Vendor Name / Address	Product Name	Remarks
Stongbox, LLC Kim Goldenstein 2063 Wineridge Place Escondido CA 92029 kim@strongbox.com	Phone: (760) 480-6702 Cell: Fax: (760) 480-0211 www.strongbox.com	<b>SBBC-60 ALHP I</b>     approved 6 /14/2006
Strongbox, LLC Kim Goldenstein 2063 Wineridge Place Escondido CA 92029 kim@strongbox.com	Phone: (760) 480-6702 Cell: Fax: (760) 480-0211 www.strongbox.com	<b>SBBC-60 ALHP</b>     approved 6 /14/2006

### 214.02.01 MAILBOX SUPPORT SYSTEMS

Vendor Name / Address	Product Name	Remarks
No Vendors at this time *** *** *** ** ***	Phone: *** Cell: Fax:	MASH-16 crash testing standards are in effect for this category on 12/31/19. Awaiting submission of qualifying products from Industry to repopulate category.    approved 12/31/2019

### 401.03.02 ASPHALT RELEASE AGENTS

Vendor Name / Address	Product Name	Remarks
Arrow-Magnolia International, Inc. Curtis Shaw 2646 Rodney Lane Dallas TX 75229 cshaw@arrowmagnolia.com	Phone: (800) 527-2101 Cell: (214) 415-3984 Fax: (972) 247-7111 www.arrowmagnolia.com	<b>Super Slick Asphalt Release Agent</b> Dilution rate is 10:1    approved 7 /12/2006
BG Chemical LP Jeff Gunter PO Box 720025 Dallas TX 75372 jgunter@bgchemical.com	Phone: (800) 725-8470 Cell: (214) 826-6822 Fax: (214) 826-7290 www.bgchemical.com	<b>Black Magic</b> Dilution rate is 10:1    approved 7 /21/2000
BG Chemical LP Jeff Gunter PO Box 720025 Dallas TX 75372 jgunter@bgchemical.com	Phone: (800) 725-8470 Cell: (214) 826-6822 Fax: (214) 826-7290 www.bgchemical.com	<b>GreenGuard</b> Dilution rate is 10:1    approved 11/5 /2009
Brody Chemical Richard Wagner 6125 W. Double Eagle Circle Salt Lake City UT 84118 richard@brodychemical.com	Phone: (801) 963-2436 Cell: (800) 488-2436 Fax: (801) 963-2437 www.brodychemical.com	<b>First Choice Asphalt Release</b> Dilution rate is 20:1    approved 6 /15/2016

**401.03.02 ASPHALT RELEASE AGENTS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Compound Technologies, Inc. Vickie Grimes 70 Riverside Drive SW Cartersville GA 30120 vgrimes@asphaltrelease.com	Phone: (678) 721-4101 Cell: (770) 891-3307 Fax: (770) 386-3391 www.asphaltrelease.com	<b>BMF</b> Dilution rate is 5:1          <b>approved</b> 6/15/2016

**406.02.01 PRIME COAT MATERIAL**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Ergon Asphalt and Emulsions Mo Rahman 3901 W. Ponderosa Way Las Vegas NV 89118-3018 mo.rahman@ergon.com	Phone: (480) 505-8079 Cell: Fax: ergonasphalt.com	<b>ePrime</b> Product is shipped ready to use (no dilution required). Application rates: Apply 0.20 gal per sq yd for prime coat; Apply 0.15 gal per sq yd for curing seal.          <b>approved</b> 9/11/2012
Marathon Petroleum Jim Ryan PO Box 5655 Bakersfield CA 93388 james.ryan@andeavor.com	Phone: (661) 392-3630 Cell: (661) 978-9357 Fax: (661) 399-1054 www.andeavor.com	<b>Topein-S</b> Dilute 1 part Topein-S with 3 parts water, apply 0.25 gal per sq yd and allow to break, then apply 0.15 gal per sq yd and allow to cure for 24 hours. Adjust at Resident Engineer's direction to prevent puddling or runoff.          <b>approved</b> 9/11/2012
Southwest Liquid Asphalt & Emulsions Gene Chrisenberg 3750 N. Bruce Street North Las Vegas NV 89030 gene.swa@outlook.com	Phone: (435) 659-1984 Cell: Fax:	<b>Asphalt Emulsion Prime (AEP)</b> approved for a standard application rate of 0.25 gal per square yard.          <b>approved</b> 7/22/2019

**408.02.05 ALL WEATHER ASPHALT COLD PATCH**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513 www.crafco.com	<b>HP All Season Asphalt Cold Patch Part No. 34977</b>          <b>approved</b> 10/13/2011
Seaboard Asphalt Products Company Shawn Campbell 3601 Fairfield Road Baltimore MD 21226 sales@seaboardasphalt.com	Phone: (410) 355-0330 Cell: (800) 536-0332 Fax: (410) 355-5864 www.seaboardasphalt.com	<b>Bond-X Green High Performance Cold Mix</b>          <b>approved</b> 9/3/2014
Seaboard Asphalt Products Company Shawn Campbell 3601 Fairfield Road Baltimore MD 21226 sales@seaboardasphalt.com	Phone: (410) 355-0330 Cell: (800) 536-0332 Fax: (410) 355-5864 www.seaboardasphalt.com	<b>Seaboard Bond-X High Performance Cold Mix</b>          <b>approved</b> 10/13/2011

**408.02.05 ALL WEATHER ASPHALT COLD PATCH**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Unique Paving Materials Corporation William Stul 3993 East 93rd Street Cleveland OH 44105 wstull@uniquepavingmaterials.com	Phone: (800) 441-4880 Cell: (216) 533-2226 Fax: (216) 341-8514  www.uniquepavingmaterials.com	<b>UPM High Performance Cold Mix</b>      approved 10/13/2011

**496.02.01 OVERLAY SYSTEM (POLYESTER)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488  www.atlasform.com	<b>Atlas Tech-Deck</b>      approved 3/13/2012
Kwik Bond Polymers, LLC Steve Frank 3491 Old Cobble Court San Diego CA 92111 stevepolymerdek@sbcglobal.net	Phone: (858) 442-8185 Cell: Fax: (858) 571-5043  www.kwikbondpolymers.com	<b>PPC-1121</b>      approved 3/13/2012

**497.02.01 ADHESIVES FOR MULTILAYER OVERLAYS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
E-Bond Epoxies Incorporated Steve Frank 3491 Old Cobble Court San Diego CA 92111 stevepolymerdek@sbcglobal.net	Phone: (858) 442-8185 Cell: Fax: (858) 571-5043  www.polymerdek.com	<b>E-Bond 526</b>      approved 8/29/2009
E-Chem, LLC Raymond Breer 4102 El Rey Road SE Albuquerque NM 87105 ray@e-chem.net	Phone: (505) 217-2121 Cell: (720) 201-8810 Fax: (505) 217-3721  www.e-chem.net	<b>EPX50-OVERLAY FAST</b>      approved 12/17/2018
Olin Epoxy-POLY-CARB Ryan Supan 9456 Freeway Drive Macedonia OH 44056 ryan@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 223-5261 Fax:  www.poly-carb.com	<b>Poly-Carb Mark 163 Flexogrid</b>      approved 8/29/2009
Unitex Chemicals / Dayton Superior Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	Phone: (913) 596-9784 Cell: Fax:  www.unitex-chemicals.com	<b>Pro-Poxy Type III DOT</b>      ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com).  approved 8/29/2009

**502.02.04b CONCRETE PAINT**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**502.02.04b CONCRETE PAINT**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
No Vendors at this time *** *** *** ** ***	Phone: *** Cell: Fax:	New acceptance criteria has been issued for category. Awaiting submission of laboratory testing from applicants to populate category. <b>approved</b> 9/17/2019

**502.03.13b PREFORMED JOINT FILLERS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
BASF/Watson Bowman Acme Corp Tom Dybas 95 Pineview Drive Amherst NY 14228 thomas.dybas@basf.com	Phone: (716) 817-5407 Cell: (716) 817-5410 Fax: (716) 691-9239 www.wbacorp.com	<b>JEENE Structural &amp; Sealing Jt</b> <b>approved</b> 8/2/2006
BASF/Watson Bowman Acme Corp Tom Dybas 95 Pineview Drive Amherst NY 14228 thomas.dybas@basf.com	Phone: (716) 817-5407 Cell: (716) 817-5410 Fax: (716) 691-9239 www.wbacorp.com	<b>Wabo Evazote UV</b> <b>approved</b> 8/2/2006
EMSEAL Joint Systems Nathan Peters 25 Bridle Lane Westborough MA 01581-1228	Phone: (508) 599-3237 Cell: Fax: (508) 836-0281 www.emseal.com	<b>BEJS (Bridge Expansion Joint System)</b> <b>approved</b> 7/22/2019
MasterSpec Materials, LLC Luisa Flores 806 Buchanan Blvd, Ste 115-294 Boulder City NV 89005 lflores@masterspecmaterials.com	Phone: (702) 997-8838 Cell: (702) 430-2407 Fax: www.masterspecmaterials.com	<b>RiteSeal Preformed Joint Seal</b> <b>approved</b> 7/22/2019
Polyset Company Incorporated Terry Eck P.O. Box 111 Mechanicville NY 12118 t.eck@polyset.com	Phone: (518) 664-6000 Cell: (518) 522-6609 Fax: (518) 664-6001 www.polyset.com	<b>Ply-Seal</b> telephone ext. 332 <b>approved</b> 3/28/2011
Polyset Company Incorporated Terry Eck P.O. Box 111 Mechanicville NY 12118 t.eck@polyset.com	Phone: (518) 664-6000 Cell: (518) 522-6609 Fax: (518) 664-6001 www.polyset.com	<b>Ply-Seal XE Beige</b> telephone ext. 332 <b>approved</b> 3/28/2011
RJ Watson Incorporated Robert Carnevale 11035 Walden Alden NY 14004 rcarnevale@rjwatson.com	Phone: (716) 901-7020 Cell: (716) 390-6323 Fax: (716) 901-7015 www.rjwatson.com	<b>Silicoflex</b> <b>approved</b> 12/7/2000



**502.03.13b PREFORMED JOINT FILLERS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Sunshine Industrial, Inc. Mack Hahn 5051 Merriam Drive Merriam KS 66203 mackh.sunshine@yahoo.com	Phone: (913) 362-6300 Cell: (816) 820-0035 Fax: (913) 362-6341 sunshineindustrial.com	<b>Polytite N</b> approved 5 /7 /2015
TechStar Incorporated Warren Brown 1219 West Main Cross Street Findlay OH 45840 warren@techstar-inc.com	Phone: (419) 424-0888 Cell: (419) 408-5469 Fax: (419) 424-5959 www.techstar-inc.com	<b>W Seal</b> approved 4 /19/1999
Watson Bowman Acme Tom Dybas 95 Pineview Drive Amherst NY 14228 thomas.dybas@basf.com	Phone: (716) 817-5407 Cell: Fax: (716) 691-9239 www.wbacorp.com	<b>Wabo FS Bridge Seal</b> approved 12/31/2019
Watson Bowman Acme Debbie Steiger 95 Pineview Drive Amherst NY 14228 debbie.steiger@basf.com	Phone: (716) 691-7566 Cell: Fax: (715) 691-9239 www.wbacorp.com	<b>Wabo SPS Joint System</b> approved 7 /22/2019

**502.03.13c ASPHALTIC PLUG EXPANSION JOINTS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
BASF/Watson Bowman Acme Corp Debra Steiger 95 Pineview Drive Amherst NY 14228 debbie.steiger@basf.com	Phone: (800) 677-4922 Cell: (716) 817-5410 Fax: (716) 691-9239 www.wbacorp.com	<b>Wabo Expandex</b> approved 12/5 /2011
DS Brown Company Brent Toller 300 East Cherry Street North Baltimore OH 45872 btoller@dsbrown.com	Phone: (800) 848-1730 Cell: (801) 837-8555 Fax: (419) 257-2200 www.dsbrown.com	<b>Matrix 502 DS Brown</b> approved 6 /5 /1997

**502.03.13d EXPANSION JOINT SEALANT**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
BASF/Watson Bowman Acme Corp Tom Dybas 95 Pineview Drive Amherst NY 14228 thomas.dybas@basf.com	Phone: (716) 817-5407 Cell: (716) 308-6799 Fax: (716) 691-9239 www.wbacorp.com	<b>Wabo Silicone Seal</b> Two part sealant approved 8 /2 /2006

**502.03.13d EXPANSION JOINT SEALANT**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com	Phone: (925) 785-6241 Cell: Fax: usa.sika.com	<b>Sikasil 728 RCS</b>    approved 10/15/2014
The Dow Chemical Company Jason Sika 12081 West Alameda Parkway #421 Lakewood CO 80228 jason.sika@dowcorning.com	Phone: (989) 496-3833 Cell: (303) 880-9614 Fax: (303) 484-6206 www.dowcorning.com	<b>DOWSIL 890-SL Silicone Sealant</b>    approved 4 /22/2002
The Dow Chemical Company Jason Sika 12081 West Alameda Parkway #421 Lakewood CO 80228 jason.sika@dowcorning.com	Phone: (989) 496-3833 Cell: (303) 880-9614 Fax: (303) 484-6206 www.dowcorning.com	<b>DOWSIL 902 RCS Joint Sealant</b>    approved 4 /22/2002

**502.03.13e EXPANSION JOINT (SPECIAL)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Silicone Specialties Incorporated Eric Larson PO Box 50009 Tulsa OK 74150 eric.larsen@ssicm.com	Phone: (800) 888-8909 Cell: (713) 874-7017 Fax: (918) 582-7510 www.ssicm.com	<b>Dow 902 XJS Joint System</b>    This is a general QPL ONLY; systems on this list will be selected for use based on project specifics. This product is permitted ONLY when specified in the contract documents as an acceptable product. approved 4 /22/2002

**502.03.19 FINE SURFACE FINISH (BONDED GROUT)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	<b>Tammscoat Fine</b>    approved 1 /1 /2006
Textured Coatings of America Bill Borchert PO Box 9235 Santa Rosa CA 95405 specwestreps@aol.com	Phone: (510) 206-8030 Cell: Fax: (323) 235-4365 www.texcote.com	<b>TexCote 300 Bridge Cote</b>    approved 6 /16/2008
Textured Coatings of America Bill Borchert PO Box 9235 Santa Rosa CA 95405 specwestreps@aol.com	Phone: (510) 206-8030 Cell: Fax: (323) 235-4365 www.texcote.com	<b>TexCote XL70 Bridge Cote</b>    approved 6 /16/2008

**502.03.22 JOINT SEALER (ALONG EDGES OF CONCRETE BARRIER RAIL)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**502.03.22 JOINT SEALER (ALONG EDGES OF CONCRETE BARRIER RAIL)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513 www.crafco.com	<b>Crafco Asphalt Rubber</b> Type 1, 2 or 4 depends on the climate zone <b>approved</b> 1 / 7 / 1998
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513 www.crafco.com	<b>Deery 180</b> Type 1, 2 or 4 depends on the climate zone <b>approved</b> 6 / 6 / 2013
Henry Company Randy Rozell 999 North Sepulveda Boulevard Suite 800 El Segundo CA 90245 rrozell@henry.com	Phone: (858) 668-9084 Cell: Fax: www.henry.com	<b>Calseal</b> Type 1, 2 or 4 depends on the climate zone <b>approved</b> 9 / 8 / 1998
Maxwell Products Incorporated Chris Robb 650 South Delong Street Salt Lake City UT 84104 chris.robb@maxwellproducts.com	Phone: (801) 972-2090 Cell: (801) 803-9281 Fax: (801) 972-5536 www.maxwellproducts.com	<b>Elastoflex 650</b> Type 1, 2 or 4 depends on the climate zone <b>approved</b> 9 / 30 / 1996
Maxwell Products Incorporated Chris Robb 650 South Delong Street Salt Lake City UT 84104 chris.robb@maxwellproducts.com	Phone: (801) 972-2090 Cell: (801) 803-9281 Fax: (801) 972-5536 www.maxwellproducts.com	<b>Elastoflex 670</b> Type 1, 2 or 4 depends on the climate zone <b>approved</b> 9 / 30 / 1996
Right Pointe, LLC Philippe Gauthier 234 Harvestore Drive DeKalb IL 60115 philippeg@rightpointe.com	Phone: (815) 754-5700 Cell: Fax: (815) 754-5702 www.rightpointe.com	<b>RP 3719</b> Type 1, 2 or 4 depends on the climate zone <b>approved</b> 11 / 22 / 2016
Right Pointe, LLC Philippe Gauthier 234 Harvestore Drive DeKalb IL 60115 philippeg@rightpointe.com	Phone: (815) 754-5700 Cell: Fax: (815) 754-5702 www.rightpointe.com	<b>RP 5078 B</b> <b>approved</b> 9 / 25 / 2017
The Quikrete Companies DBA QPR Grant Handzlik 7322 Bonnyshire Dr. Chattanooga TN 37416 granth@qprusa.com	Phone: (423) 553-6877 Cell: (423) 637-2499 Fax: www.qprusa.com	<b>NxGen</b> <b>approved</b> 12 / 31 / 2019

**505.02.03 EPOXY COATINGS (FOR STEEL REINFORCING BARS)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**505.02.03 EPOXY COATINGS (FOR STEEL REINFORCING BARS)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Electrical Markets Division Evelyn Lofquist 6801 River Place Boulevard Austin TX 78726 elofquist@mmm.com	Phone: (512) 984-3230 Cell: (979) 215-4571 Fax:  www.3m.com/corrosion	<b>Scotchkote 413 Fusion Bonded Epoxy Powder Coating</b> Fusion Bonded Epoxy Coating 413 - AASHTO M284 / ASTM A775  approved 10/10/2011
Akzo Nobel Andy Stevenson 20 Culvert Street Nashville TN 37210 andy.stevenson@akzonobel.com	Phone: (615) 259-2430 Cell: (623) 203-8337 Fax: (615) 255-7903  www.akzonobel.com	<b>Resicoat RB600 HKF30R</b>  approved 4 /30/2008
IFS Coatings, Inc. Robert R. Phillippi 3601 North I-35 Gainesville TX 76240 rphillippi@ifscoatings.com	Phone: (513) 448-2521 Cell: (940) 668-1062 Fax: (940) 668-1061  www.ifscoatings.com	<b>PureFlex Green, ERSS33252</b>  approved 9 /24/2018
Sherwin-Williams Tony Del Percio 1101 S. 3rd Street Minneapolis MN 55415 adelpercio@valspar.com	Phone: (612) 375-7842 Cell: (612) 309-5900 Fax: (612) 465-2676  www.sherwin-williams.com	<b>Lilly Greenbar #720A009</b>  approved 4 /4 /2000
Sherwin-Williams Anthony Del Percio 1101 South 3rd Street Minneapolis MN 55415 anthony.delpercio@sherwin.com	Phone: (612) 859-1151 Cell: Fax:  www.valsparindustrial.com	<b>Vectrashield</b>  approved 3 /28/2017

**600.02.01 TRENCH DRAINS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
ABT Incorporated Brad Short 259 Murdock Road/PO Box 837 Troutman NC 28166 bshort@abtdrains.com	Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478  www.abtdrains.com	<b>A-67 Interceptor</b> This is a general QPL ONLY; the unit will be selected based on the specific project requirements.  approved 1 /17/2003
ABT Incorporated Brad Short 259 Murdock Road/PO Box 837 Troutman NC 28166 bshort@abtdrains.com	Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478  www.abtdrains.com	<b>MHD 12 (12" ID)</b> (12" Trench Drain System). This is a general QPL ONLY; the unit will be selected based on the specific project requirements.  approved 1 /17/2003
ABT Incorporated Brad Short 259 Murdock Road/PO Box 837 Troutman NC 28166 bshort@abtdrains.com	Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478  www.abtdrains.com	<b>MHD 8 (8" ID)</b> (8" Trench Drain System). This is a general QPL ONLY; the unit will be selected based on the specific project requirements.  approved 1 /17/2003

**600.02.01 TRENCH DRAINS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
ABT Incorporated Brad Short 259 Murdock Road/PO Box 837 Troutman NC 28166 bshort@abtdrains.com	Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478  www.abtdrains.com	<b>Polydrain</b>	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
			approved 1/17/2003
ABT Incorporated Brad Short 259 Murdock Road/PO Box 837 Troutman NC 28166 bshort@abtdrains.com	Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478  www.abtdrains.com	<b>XHD</b>	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
			approved 1/17/2003
Hubbell Lenoir City, Inc. Thomas Beattie 273 Willow Green Way Vacaville CA 95687 tbeattie@hubbell.com	Phone: (800) 346-3061 Cell: (707) 291-6991 Fax: (865) 986-0585  www.polycastdrain.com	<b>Polycast 700</b>	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
			approved 3/2/2005
Hubbell Lenoir City, Inc. Thomas Beattie 273 Willow Green Way Vacaville CA 95687 tbeattie@hubbell.com	Phone: (800) 346-3061 Cell: (707) 291-6991 Fax: (865) 986-0585  www.polycastdrain.com	<b>Polycast 900R</b>	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
			approved 9/18/2012
Multidrain Systems Incorporated Steve Born PO Box 7107 Statesville NC 28687 steve.born@multidrainsystems.com	Phone: (866) 634-6057 Cell: (704) 873-9081 Fax: (704) 873-9082  www.multidrainsystems.com	<b>EconoDrain</b>	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
			approved 4/6/2004
Multidrain Systems Incorporated Steve Born PO Box 88 Barium Springs NC 28010 steve.born@multidrainsystems.com	Phone: (800) 433-1119 Cell: (704) 881-4064 Fax: (704) 508-1011  www.multidrainsystems.com	<b>MultiDrain</b>	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
			approved 4/6/2004

**609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Ardex LP Karen Marz 400 Ardex Park Drive Aliquippa PA 15001 karen.marz@ardexamericas.com	Phone: (724) 203-5000 Cell: (408) 425-3070 Fax:  www.ardexamericas.com	<b>Transportation Repair Mortar (TRM)</b>	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.
			approved 10/31/2013
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488  www.atlasform.com	<b>Atlas Pro-1 Patch</b>	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.
			approved 5/14/2009

**609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
BASF Corporation Doug Gray 889 Valley Park Drive Shakopee MN 55379 doug.gray@basf.com	<b>Master Emaco S466 CI</b> Phone: (952) 496-6547 Cell: (801) 971-1071 Fax: (952) 496-6067 www.buildingstystems.basf.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 1 /3 /2002
BASF Corporation Doug Gray 889 Valley Park Drive Shakopee MN 55379 doug.gray@basf.com	<b>Master Emaco T10-60</b> Phone: (952) 496-6547 Cell: (801) 971-1071 Fax: (952) 496-6067 www.buildingstystems.basf.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 1 /3 /2002
BASF Corporation Doug Gray 889 Valley Park Drive Shakopee MN 55379 doug.gray@basf.com	<b>Master Emaco T545 DOT</b> Phone: (952) 496-6547 Cell: (801) 971-1071 Fax: (952) 496-6067 www.buildingstystems.basf.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 1 /3 /2002
Buzzi Unicem USA Incorporated William Krupa 100 Brodhead Road Suite 230 Bethlehem PA 18017 william.krupa@buzziunicemusa.com	<b>Ulti Pave3</b> Phone: (610) 882-4013 Cell: (610) 882-5013 Fax: (610) 868-8795 www.buzziunicemusa.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 6 /28/2010
Buzzi Unicem USA Incorporated William Krupa 100 Brodhead Road Suite 230 Bethlehem PA 18017 william.krupa@buzziunicemusa.com	<b>UltiGrout</b> Phone: (610) 882-4013 Cell: (610) 882-5013 Fax: (610) 868-8795 www.buzziunicemusa.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 6 /28/2010
Buzzi Unicem USA Incorporated William Krupa 100 Brodhead Road Suite 230 Bethlehem PA 18017 william.krupa@buzziunicemusa.com	<b>Utility Fill One Step</b> Phone: (610) 882-4013 Cell: (610) 882-5013 Fax: (610) 868-8795 www.buzziunicemusa.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 6 /28/2010
Concrete Accessories, Inc. Jack Christiansen 3500 Meade Ave. Las Vegas NV 89102 jack@CaliNevada.com	<b>US SPEC STR Mortar CI</b> Phone: (702) 873-4810 Cell: Fax: www.concreteaccessoriesinc.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /24/2018
CTS Cement Manufacturing Corp Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	<b>RS Cement All</b> Phone: (800) 929-3030 Cell: (626) 833-8838 Fax: (714) 379-8270 www.ctscement.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 1 /27/1994

**609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
CTS Cement Manufacturing Corp Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	<b>RS Concrete Mix</b> Phone: (800) 929-3030 Cell: (626) 833-8838 Fax: (714) 379-8270 www.ctscement.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 1/27/1994
CTS Cement Manufacturing Corp Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	<b>RS DOT Repair Mix</b> Phone: (800) 929-3030 Cell: (626) 833-8838 Fax: (714) 379-8270 www.ctscement.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 1/27/1994
CTS Cement Manufacturing Corp Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	<b>RS Motar Mix</b> Phone: (800) 929-3030 Cell: (626) 833-8838 Fax: (714) 379-8270 www.ctscement.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. RS=Rapid Set	approved 1/27/1994
CTS Cement Manufacturing Corporation Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	<b>Rapid Set Mortar Mix Plus</b> Phone: (657) 222-8040 Cell: (800) 929-3030 Fax: www.ctscement.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 9/25/2017
Dayton Superior Corporation Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	<b>Dayton Superior HD-50</b> Phone: (913) 596-9784 Cell: Fax: www.daytonsuperior.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com).	approved 9/30/1996
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	<b>EucoSpeed</b> Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 9/23/1998
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	<b>EucoSpeed MP</b> Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 9/23/1998
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	<b>Express Repair</b> Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 3/16/2006

**609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	<b>Hi-Flow Grout</b> Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 3 /16/2006
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	<b>Speed Crete 2028 Rapid</b> Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 1 /8 /2004
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	<b>Speed Crete Green Line</b> Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 1 /8 /2004
Five Star Products Inc. Ryan Taylor 60 Parrott Drive Shelton CT 06484 taylorr@fivestarprouducts.com	<b>Highway Patch</b> Phone: (800) 243-2206 Cell: (203) 336-7900 Fax: (203) 336-7930 www.fivestarprouducts.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /30/1996
Five Star Products Inc. Ryan Taylor 60 Parrott Drive Shelton CT 06484 taylorr@fivestarprouducts.com	<b>Structural Concrete</b> Phone: (800) 243-2206 Cell: (203) 336-7900 Fax: (203) 336-7930 www.fivestarprouducts.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /30/1996
H.B. Fuller Construction Products Aaron Michaelson 1105 South Frontenac Street Aurora IL 60504 aaron.michaelson@hbfuller.com	<b>ProSpec BlendCrete</b> Phone: (331) 255-6116 Cell: Fax: www.prospec.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R3 Mortar. Approved for all Districts. approved 12/31/2019
H.B. Fuller Construction Products Aaron Michaelson 1105 South Frontenac Street Aurora IL 60504 aaron.michaelson@hbfuller.com	<b>ProSpec Premium Patch 200</b> Phone: (331) 255-6116 Cell: Fax: www.prospec.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Class R3 Mortar. Approved for all Districts. approved 12/31/2019
Henkel Loctite Tom Lopez 3093 Remington Way Tracy CA 95377 tom.lopez@henkel.com	<b>Loctite PC9410 MagnaCrete</b> Phone: Cell: (209) 650-8317 Fax: www.loctite.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 4 /10/2006



**609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	<b>Planigrout 712</b> Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /25/2017
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	<b>Planitop 18</b> Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 3 /24/2017
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	<b>Planitop 18 ES</b> Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /25/2017
MAPEI Corporation Tom Lundgren 79-923 Rancho La Quinta Dr. La Quinta CA 92253 tlundgren@mapei.com	<b>Planitop 18 TG</b> Phone: (360) 961-7360 Cell: Fax: www.mapei.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /24/2018
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	<b>Planitop X</b> Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /25/2017
MAPEI Corporation Bruce Haller 1144 E. Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	<b>Planitop XS</b> Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /25/2017
MasterSpec Materials, LLC Luisa Flores 806 Buchanan Blvd, Ste 115-294 Boulder City NV 89005 lflores@masterspecmaterials.com	<b>RiteCrete</b> Phone: (702) 997-8838 Cell: (702) 430-2407 Fax: www.masterspecmaterials.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /24/2018
Phosocrete Corporation Erica Gerhart 265 S. Federal Hwy #320 Deerfield Beach FL 33441 erica.gerhart@phosocrete.com	<b>Phosocrete HC</b> Phone: (561) 420-0595 Cell: Fax: (561) 420-0599 www.phosocrete.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 3 /24/2017

**609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com	<b>Sikacrete 321FS</b> Phone: (925) 785-6241 Cell: Fax: usa.sika.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 12/28/2016
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com	<b>Sikaquick 2500</b> Phone: (925) 785-6241 Cell: Fax: usa.sika.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 12/28/2016
SpecChem, LLC Colin Buchanan 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 cbuchanan@specchemllc.com	<b>RepCon 928</b> Phone: (913) 233-9700 Cell: Fax: www.specchemllc.com	the use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 5 /7 /2013
US Concrete Products Ed Brennan 16 Greenmeadow Drive Timonium MD 21093 info@uscproducts.com	<b>HP Cement</b> Phone: (866) 827-8727 Cell: (410) 561-8770 Fax: (410) 561-8771 www.uscproducts.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 10/22/2004
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	<b>US SPEC Quickset</b> Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.uspec.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 3 /24/2017
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	<b>US SPEC R3</b> Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.uspec.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 3 /24/2017
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	<b>US SPEC Transpatch</b> Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.uspec.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 3 /24/2017
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	<b>US SPEC Transpatch Concrete</b> Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /3 /2014

**609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426  www.usspec.com	<b>US SPEC Transpatch EXT</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.
WR Meadows Incorporated of Arizona Lauren Mazza 4220 South Sarival Avenue Goodyear AZ 85338 lmazza@wrmeadows.com	Phone: (623) 932-9383 Cell: Fax: (623) 932-1547  www.wrmeadows.com	<b>Futura-15-Very Rapid-Hardening Hztl. Repair Mortar</b>  The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.

approved  
3/24/2017approved  
8/21/2008**610.02.01 ARTICULATED CONCRETE BLOCK**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Basalite Concrete Products, LLC James Motarex 335 Greg Street Sparks NV 89431-6295 james.motarex@paccoast.com	Phone: (775) 358-1200 Cell: (775) 745-1286 Fax: (775) 359-5997  www.basalite.com	<b>UltraFlex</b>  This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
CONTECH Daniel Priest 9025 Centre Pointe Drive Suite 400 West Chester OH 43069 dpriest@conteches.com	Phone: (800) 338-1122 Cell: (513) 645-7000 Fax:  www.conteches.com	<b>Armorflex</b>  This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
CONTECH Daniel Priest 9025 Centre Pointe Drive Suite 400 West Chester OH 43069 dpriest@conteches.com	Phone: (800) 338-1122 Cell: (513) 645-7000 Fax:  www.conteches.com	<b>Petraflex</b>  This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
Shoretac Cody Colvin 510 O'Neal Lane Ext Baton Rouge LA 70819 ccolvin@premier-concrete.com	Phone: (225) 273-9600 Cell: (225) 328-0545 Fax: (225) 273-0400  www.shoretac.com	<b>Shoreblock</b>  This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
Shoretac Cody Colvin 510 O'Neal Lane Ext Baton Rouge LA 70819 ccolvin@premier-concrete.com	Phone: (225) 273-9600 Cell: (225) 328-0545 Fax: (225) 273-0400  www.shoretac.com	<b>Shoretac</b>  This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
Soil Retention Products, Inc. Nick Jansson 2501 State Street Carlsbad CA 92008 njansson@soilretention.com	Phone: (760) 966-6090 Cell: Fax: (760) 966-6099  www.soilretention.com	<b>Enviroflex</b>  This is a general QPL ONLY; the unit will be selected based on the specific project requirements.

approved  
11/18/2009approved  
10/23/2008approved  
10/23/2008approved  
3/23/2009approved  
3/23/2009approved  
8/23/2011

**613.02.01 DETECTABLE WARNINGS (ADA TILE)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
StrongGo, LLC Jennifer Rinn 3296 East Hemisphere Loop Tucson AZ 85706-5013 jrinn@stronggo.com	Phone: (866) 439-3216 Cell: (502) 547-3510 Fax: (520) 547-3515 www.stronggo.com	<b>TekWay Dome Tiles</b> Approved for concrete panels in NV Red ONLY. <b>approved</b> 11/27/2006
Transpo Industries Incorporated Mike Stenko 20 Jones Street New Rochelle NY 10801 mstenko@transpo.com	Phone: (800) 321-7870 Cell: (914) 636-1000 Fax: (914) 636-1282 www.transpo.com	<b>Step-Safe DWS</b> Approved for concrete panels in NV Red ONLY. <b>approved</b> 3/26/2004

**616.02.01 PLASTIC FENCE FABRIC**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
CONTECH Neil Erickson 9025 Centre Pointe Drive Suite 400 West Chester OH 43069 nerickson@conteches.com	Phone: (800) 338-1122 Cell: (916) 635-0760 Fax: www.conteches.com	<b>Safety Geogrid</b> <b>approved</b> 5/15/2002
Conwed Plastics Customer Service 2810 Weeks Ave. SE Minneapolis MN 55414 customer.service@swmintl.com	Phone: (800) 426-6933 Cell: (612) 623-1700 Fax: (612) 623-2500 swmintl.com	<b>Safety Fence</b> <b>approved</b> 10/10/1999

**616.03.01 FENCE POST BAG MIX CONCRETE**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
No Vendors at this Time *** *** ***	Phone: Cell: Fax: ***	<b>***</b> awaiting submission of applications in this category. <b>approved</b> 3/12/2019

**618.02.01 GUARDRAIL OFFSET BLOCKS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Arizona Structural Laminators Ginger Wiltbank 2000 W. Central Ave. Eagar AZ 85925 gwiltbank@azglulam.com	Phone: (928) 333-5501 Cell: Fax: (928) 333-4403 www.azglulam.com	<b>Glue Laminated Wood</b> Used with w-beam and tri-beam guardrails <b>approved</b> 3/10/2004
Mondo Polymer Technologies, Inc. Maggie Ellis 27620 State Rt. 7 / P.O. Box 250 Reno OH 45773 maggie@mondopolymer.com	Phone: (888) 607-4790 Cell: (740) 376-9396 Fax: (740) 376-9960 www.mondopolymer.com	<b>GB14SH1 Composite Guardrail Blockout</b> 8". For use on Midwestern Guardrail installations. <b>approved</b> 12/17/2018

**618.02.01 GUARDRAIL OFFSET BLOCKS**

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
Mondo Polymer Technologies, Inc. Maggie Ellis 27620 State Route 7 / P.O. Box 250 Reno OH 45773 maggie@mondopolymer.com	Phone: (888) 607-4790 Cell: Fax: (740) 376-9960  www.mondopolymer.com	<b>GB14SH2 Composite Guardrail Block</b>	8". For use on Midwestern Guardrail installations.	approved 12/17/2018
Mondo Polymer Technologies, Inc. Maggie Ellis 27620 State Rt. 7 / P.O. Box 250 Reno OH 45773 maggie@mondopolymer.com	Phone: (888) 607-4790 Cell: (740) 376-9396 Fax: (740) 376-9960  www.mondopolymer.com	<b>MGS14SH Composite Guardrail Blockout</b>	12". For use on Midwestern Guardrail installations.	approved 3 /27/2019
Trinity Highway Products, LLC Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	<b>King-Block</b>	Used with steel post w-beam guardrails	approved 5 /31/2005
Trinity Highway Products, LLC Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	<b>King-Sized King Block</b>	Used with steel post tri-beam guardrails	approved 5 /31/2005

**618.02.01a GUARDRAIL TERMINAL**

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
Lindsay Transportation Solutions, LLC Tom Smiley 180 River Road Rio Vista CA 94571 tony.smiley@lindsay.com	Phone: (707) 374-6800 Cell: Fax: (707) 374-6801  www.barriersystemsinc.com	<b>MAX-Tension</b>	TANGENTIAL; MASH TL-3	approved 3 /27/2019
Lindsay Transportation Solutions, LLC Tom Smiley 180 River Road Rio Vista CA 94571 tony.smiley@lindsay.com	Phone: (707) 374-6800 Cell: Fax: (707) 374-6801  www.barriersystemsinc.com	<b>MAX-Tension</b>	MEDIAN; MASH TL-3	approved 3 /27/2019
Road Systems Incorporated John Durkos PO Box 2163 Big Spring TX 79721 jdurkos@roadsystems.com	Phone: (330) 346-0721 Cell: (432) 263-2435 Fax: (330) 346-0722  www.roadsystems.com	<b>MSKT (MASH Sequentially Kinking Terminal)</b>	TANGENTIAL; MASH, TL-3 Compliant	approved 12/28/2016
Road Systems, Inc. Kaddo Kothmann 3616 Old Howard County Airport Road Big Spring TX 79720 kaddo@baisn	Phone: (432) 263-2435 Cell: (330) 540-2349 Fax: (432) 267-4039  www.roadsystems.com	<b>MFLEAT</b>	FLARED; MASH TL-3	approved 9 /17/2019

**618.02.01a GUARDRAIL TERMINAL**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Trinity Highway Products, LLC Paul Kruse 2525 N. Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.trinityhighway.com	<b>SoftStop</b> TANGENTIAL; MASH, TL-3 Compliant          <b>approved</b> 7 /2 /2018

**619.02.01a GUIDEPOSTS (FLEXIBLE)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Carsonite Composites Keith Lewis 19845 US Highway 76 Newberry SC 29108 mklewis@frontier.com	Phone: (800) 648-7916 Cell: (503) 621-8528 Fax: (803) 276-8940  www.carsonite.com	<b>Flexguard Post System</b> Type 2; standard surface and soil/ground mount options available          <b>approved</b> 1 /17/2013
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	<b>RT 360 HD BD Tub</b> Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available          <b>approved</b> 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	<b>RT 360 HD Tub</b> Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available          <b>approved</b> 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	<b>SH Barrier Replaceable</b> Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available          <b>approved</b> 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	<b>SH Dura Post</b> Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available          <b>approved</b> 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	<b>SH K-Marker</b> Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available          <b>approved</b> 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	<b>SH Tubular</b> Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available          <b>approved</b> 10/5 /2008

**619.02.01a GUIDEPOSTS (FLEXIBLE)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
NDM Marketing Systems, Inc. Dale Wheeler 26 Gateway Drive Jasper GA 30143 info@ndm-inc.com	<b>TSM Series</b> Phone: (706) 253-3040 Cell: (239) 464-6591 Fax: (706) 253-3041 www.ndm-inc.com	approved 9/3/2014
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	<b>FG 300 Complete Curb</b> Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	Type 2; standard surface and soil/ground mount options available approved 6/19/2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	<b>FG 300 Model EFX</b> Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	Type 2; standard surface and soil/ground mount options available approved 6/19/2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	<b>FG 300 Model PE</b> Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	Type 2; standard surface and soil/ground mount options available approved 10/15/1999
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	<b>FG 300 Model UR</b> Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	Type 2; standard surface and soil/ground mount options available approved 10/15/1999
SHUR-TITE Products Gary Champ P.O. Box 2283 Round Rock TX 78680 gary@shur-tite.com	<b>Driveable Del</b> Phone: (512) 218-9500 Cell: Fax: (512) 388-0417 www.shur-tite.com	Type 2; standard surface and surface/soil mount options available approved 4/30/2009
SHUR-TITE Products Gary Champ P.O. Box 2283 Round Rock TX 78680 gary@shur-tite.com	<b>Shur-Flex Guardrail Clamp</b> Phone: (512) 218-9500 Cell: Fax: (512) 388-0417 www.shur-tite.com	Type 2; standard surface and surface/soil mount options available approved 4/30/2009
SHUR-TITE Products Gary Champ P.O. Box 2283 Round Rock TX 78680 gary@shur-tite.com	<b>Shur-Tite Cable Barrier</b> Phone: (512) 218-9500 Cell: Fax: (512) 388-0417 www.shur-tite.com	Type 2; standard surface and soil/ground mount options available approved 4/30/2009

**619.02.01a GUIDEPOSTS (FLEXIBLE)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
SHUR-TITE Products Gary Champ P.O. Box 2283 Round Rock TX 78680 gary@shur-tite.com	Phone: (512) 218-9500 Cell: Fax: (512) 388-0417  www.shur-tite.com	<b>Socket Mt Del</b> Type 2; standard surface and surface/soil mount options available  <b>approved</b> 4 /30/2009
SHUR-TITE Products Gary Champ P.O. Box 2283 Round Rock TX 78680 gary@shur-tite.com	Phone: (512) 218-9500 Cell: Fax: (512) 388-0417  www.shur-tite.com	<b>Surface Mt Del</b> Type 2; standard surface and surface/soil mount options and angled mounts  <b>approved</b> 4 /30/2009
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096  www.trafficwks.com	<b>TD 5500 Earthflex Del</b> Type 2; standard surface and surface/soil mount options available  <b>approved</b> 12/3 /2002

**619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Carsonite Composites Int'l Bill Thurston 19845 US Highway 76 Newberry SC 29108 shsca@yahoo.com	Phone: (800) 648-7916 Cell: (800) 558-5850 Fax: (803) 276-8940  www.carsonite.com	<b>Island Sentry K-Marker</b> Type 2; standard surface and surface/soil mount options available  <b>approved</b> 8 /1 /1989
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	<b>RT 360 HD Bolt Down</b> Type 2; standard surface and surface/soil mount options available; minimum embedment depth: 430 mm (17 inches)  <b>approved</b> 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	<b>RT 360 HD Tubular</b> Type 2; standard surface and surface/soil mount options available; minimum embedment depth: 430 mm (17 inches)  <b>approved</b> 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	<b>SH Dura Post 36"</b> Type 2; standard surface and surface/soil mount options available; minimum embedment depth: 430 mm (17 inches)  <b>approved</b> 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	<b>SH K-Marker Series</b> Type 2; standard surface and soil/ground mount options available  <b>approved</b> 10/5 /2008



**619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	<b>SH Replaceable Barrier</b> Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	Type 2; standard surface and surface/soil mount options available; minimum embedment depth: 430 mm (17 inches) <b>approved</b> 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	<b>SH Tubular</b> Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	Type 2; standard surface and soil/ground mount options available <b>approved</b> 10/5 /2008
Flexstake Incorporated Robert K. Hughes, Jr. 2150 Andrea Lane #C Ft Meyers FL 33912 jim@flexstake.com	<b>BD Marker Round</b> Phone: (800) 348-9839 Cell: (239) 481-3539 Fax: (239) 482-3539  www.flexstake.com	Type 2; standard surface and surface/soil mount options available <b>approved</b> 6 /1 /1994
Flexstake Incorporated Robert K. Hughes, Jr. 2150 Andrea Lane #C Ft Meyers FL 33912 jim@flexstake.com	<b>HM Marker Round</b> Phone: (800) 348-9839 Cell: (239) 481-3539 Fax: (239) 482-3539  www.flexstake.com	Type 2; standard surface and surface/soil mount options available <b>approved</b> 6 /1 /1994
Flexstake Incorporated Robert K. Hughes, Jr. 2150 Andrea Lane #C Ft Meyers FL 33912 jim@flexstake.com	<b>T1 Marker Round</b> Phone: (800) 348-9839 Cell: (239) 481-3539 Fax: (239) 482-3539  www.flexstake.com	Type 2; standard surface and surface/soil mount options available <b>approved</b> 6 /1 /1994
Flexstake Incorporated Robert K. Hughes, Jr. 2150 Andrea Lane #C Ft Meyers FL 33912 jim@flexstake.com	<b>T2 Marker Round</b> Phone: (800) 348-9839 Cell: (239) 481-3539 Fax: (239) 482-3539  www.flexstake.com	Type 2; standard surface and surface/soil mount options available <b>approved</b> 6 /1 /1994
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	<b>FG 300 Complete Curb</b> Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	Type 2; standard surface and surface/soil mount options available <b>approved</b> 6 /19/2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	<b>FG 300 Model PE</b> Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	Type 2; standard surface and surface/soil mount options available <b>approved</b> 6 /19/2009

**619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>FG 300 Model UR</b> Type 2; standard surface and surface/soil mount options available  <b>approved</b> 6 /19/2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>FG 300 Turn Pike Curb</b> Type 2; standard surface and surface/soil mount options available  <b>approved</b> 6 /19/2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>Type K Island Marker</b> Type 2; standard surface and surface/soil mount options available  <b>approved</b> 9 /13/2007
SHUR-TITE Products Gary Champ P.O. Box 2283 Round Rock TX 78680 gary@shur-tite.com	Phone: (512) 218-9500 Cell: Fax: (512) 388-0417  www.shur-tite.com	<b>Shur-Flex Driveable</b> Type 2; standard surface and surface/soil mount options available  <b>approved</b> 2 /2 /2010
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096  www.trafficwks.com	<b>TD 5215 K Marker</b> Type 2; standard surface and surface/soil mount options available  <b>approved</b> 12/3 /2002

**623.01.01 DYNAMIC MESSAGE SIGNS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Daktronics Incorporated Kyle Niemeyer 117 Prince Drive Brookings SD 57006-0128 kyle.niemeyer@daktronics.com	Phone: (605) 692-0200 Cell: (970) 413-4978 Fax: (605) 697-4700  www.daktronics.com	<b>Light-Emitting Diode DMS</b> Type 1 and Type 2  <b>approved</b> 1 /7 /2004

**623.02.08 SERVICE PEDESTALS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Milbank Manufacturing Company Dave Stipe 4801 Deramus Avenue Kansas City MO 64120 dstipe@milbankmfg.com	Phone: (660) 463-0827 Cell: (714) 743-0712 Fax:  www.milbankmfg.com	<b>Metered Service Pedestals</b>  <b>approved</b> 1 /15/2002

**623.02.08 SERVICE PEDESTALS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Myers Power Products Diana Grootenk 2950 East Philadelphia Street Ontario CA 91761 bids@myerspower.com	Phone: (909) 923-1800 Cell: (949) 375-3399 Fax: (909) 923-1806  www.myerspowerproducts.com	<b>Service Pedestals</b> +UPS/BBS    approved 9/5/2000
Tesco Controls Incorporated Curt Vasey 8440 Florin Road Sacramento CA 95828 cvasey@tescocontrols.com	Phone: (916) 395-8800 Cell: (916) 765-0523 Fax: (916) 403-0013  www.tescocontrols.com	<b>Tescoflex Service Pedestals</b>    approved 11/21/2002

**623.02.12c HIGH MAST HEAD FRAME ASSEMBLY**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Carolina High Mast Scott Engberg 700 East McLeroy Boulevard Suite A Saginaw TX 76179 sengberg@chmindustries.com	Phone: (682) 286-0046 Cell: (817) 657-6973 Fax: (682) 286-0086  www.chmindustries.com	<b>Series 426</b> Bottom latching   approved 12/30/2003
Eagle High Mast, LLC Karen Simons 14904 E. Summit Drive Fountain Hills AZ 85268 himastltg@aol.com or Eaglekaren@aol.com	Phone: (847) 473-3800 Cell: (847) 247-1100 Fax: (480) 248-6730  www.eaglehighmast.com	<b>High Mast Assembly</b> Bottom latching   approved 1/2/2004
Holophane Corporation Gary Gorans 4565 Fremonts Loop Rescue CA 95672 gary.gorans@holophane.com	Phone: (623) 465-9135 Cell: (916) 599-2588 Fax: (530) 676-7081  www.holophane.com	<b>Series Holophane LD5 Lighting Lowering D</b> Bottom latching   approved 1/2/2004

**623.02.16 DUCT SEALING COMPOUND**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ideal Industries Incorporated Customer Service Becker Place Sycamore IL 60178 contactus@idealindustries.com	Phone: (800) 435-0705 Cell: Fax: (800) 533-4483  www.idealind.com	<b>Duct Seal</b>    approved 10/7/2009

**623.02.30a VEHICLE DETECTORS (PIEZOELECTRIC SENSORS)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
High Leah Electronics, Inc. (see remarks) Beth Ann Ritz PO Box 1455 Oakridge OR 97463 sales@diamondtraffic.com	Phone: (541) 782-3903 Cell: Fax: (541) 782-2053  www.diamondtraffic.com	<b>Brass Linguine Class 1</b> This company is doing business as Diamond Traffic Products.   approved 1/11/2001

**623.02.30e LOOP DETECTOR SEALANT**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
3M Automotive Aftermarket Division Nhan Nguyen 3M Center Bldg. 250-3E-02 St. Paul MN 55144 nhnguyen2@mmm.com	Phone: (651) 737-9833 Cell: (678) 438-6862 Fax: www.3mcollision.com	<b>5000 Rubberized Loop</b> Rubberized asphalt material	approved 6 /16/2000
3M Automotive Aftermarket Division Nahn Nguyen 3M Center Bldg. 250-3E-02 St. Paul MN 55144 nhnguyen@mmm.com	Phone: (651) 737-9833 Cell: (678) 438-6862 Fax: www.3mcollision.com	<b>P/N 606 Detector Loop</b> Rubberized asphalt material	approved 6 /16/2000
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513 www.crafco.com	<b>271 Loop Detector</b> Rubberized asphalt material	approved 8 /5 /1998
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513 www.crafco.com	<b>272 Loop Detector</b> Rubberized asphalt material	approved 8 /5 /1998
Durant Performance Coating, Inc. Al Losanno 112 Railroad Street Revere MA 02151 alosanno@durantcorp.com	Phone: (800) 420-0021 Cell: (781) 289-1400 Fax: (781) 289-1405 www.durantcorp.com	<b>Stat-a-Flex Polyester Loop</b> Polyester material	approved 11/19/1996
RAI Products Incorporated John Rosenblatt Jr. PO Box 240772 Charlotte NC 28224 john@raiproducts.com	Phone: (704) 525-1852 Cell: (704) 904-1481 Fax: (704) 525-1859 www.raiproducts.com	<b>Perm Sealer 974 Nitrile</b> Nitrile rubber material	approved 12/19/1996
RAI Products Incorporated John Rosenblatt Jr. PO Box 240772 Charlotte NC 28224 john@raiproducts.com	Phone: (704) 525-1852 Cell: (704) 904-1481 Fax: (704) 525-1859 www.raiproducts.com	<b>Pro Seal 6006 Polyester</b> Polyester material	approved 12/19/1996
Reed & Graham Company Peter Fitzpatrick 690 Sunol Street San Jose CA 95126 peter@rginc.com	Phone: (408) 287-1400 Cell: (408) 421-2833 Fax: (408) 294-3696 www.rginc.com	<b>Overkote Loop Filler</b> Asphaltic emulsion material	approved 8 /5 /1998

**623.03.01 TRAFFIC SIGNALS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
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**623.03.01 TRAFFIC SIGNALS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Current by GE Patrick Rossetti 1975 Noble Road E. Cleveland OH 44112 patrick.rossetti@ge.com	Phone: (617) 817-1555 Cell: Fax: (954) 337-0633  www.led.com	<b>GTx LED Signal Modules</b>         <b>approved</b> 8 /7 /2019
Dialight Corporation John Vines 1501 Route 34 South Farmingdale NJ 07727 jvines@dialight.com	Phone: (732) 919-3119 Cell: (732) 751-5883 Fax: (732) 751-3183  www.dialight.com	<b>LED 12" Signal Heads (all) 16"x18" Ped Signal Hea</b> Must be intertek ETL verified to be compliant to the most current ITE VTCOSH-LED or PTCSI-LED specifications         <b>approved</b> 3 /26/2002
Excellence Opto, Inc. Cheryl Huang 21858 Garcia Lane City of Industry CA 91789 vendor@eoius.com	Phone: (909) 468-0550 Cell: (626) 823-8639 Fax: (909) 468-0554  www.eoius.com	<b>LED Traffic Signal</b> 12" TRV-R12SG-D2T Red, TRV-Y12SG-D2T Yellow, and TRV-G12SG-D2T Green  Must be intertek ETL verified to be compliant to the most current ITE VTCOSH-LED or PTCSI-LED specifications.         <b>approved</b> 6 /17/2008
Excellence Opto, Inc. Cheryl Huang 21858 Garcia Lane City of Industry CA 91789 vendor@eoius.com	Phone: (909) 468-0550 Cell: (626) 823-8639 Fax: (909) 468-0554  www.eoius.com	<b>Pedestrian Traffic Signal</b> 12" TRV-R12SG-D2T Red, TRV-Y12SG-D2T Yellow, and TRV-G12SG-D2T Green  Must be intertek ETL verified to be compliant to the most current ITE VTCOSH-LED or PTCSI-LED specifications.         <b>approved</b> 6 /17/2008
Leotek Electronics USA Corp Kimberly Konte 726 South Hillview Drive Milpitas CA 90744 kim@leotek.com	Phone: (408) 381-1788 Cell: (602) 538-7194 Fax: (408) 518-8128  www.leotek.com	<b>TSL-12R-LX-IL6-A1-P2 LED Traffic Signal</b> Must be Intertek ETL verified to be compliant to the most current ITE VTCOSH-LED or PTCSI-LED specifications         <b>approved</b> 9 /25/2017
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	Phone: (408) 380-1788 Cell: (903) 935-2695 Fax: (408) 518-8128  www.leotek.com	<b>LED 12" Signal Heads (all) 16"x18" Tinted Ped</b> Must be intertek ETL verified to be compliant to the most current ITE VTCOSH-LED or PTCSI-LED specifications         <b>approved</b> 4 /6 /2010
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128  www.leotek.com	<b>TSL-12GA-IL6-A1-P3</b> Must be Intertek ETL verified to be compliant to the most current ITE VTCOSH-LED or PTCSI-LED specifications         <b>approved</b> 9 /25/2017
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128  www.leotek.com	<b>TSL-12G-LX-IL6-A1-P3</b> Must be Intertek ETL verified to be compliant to the most current ITE VTCOSH-LED or PTCSI-LED specifications         <b>approved</b> 4 /2 /2015

**623.03.01 TRAFFIC SIGNALS**

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128  www.leotek.com	<b>TSL-12RA-IL6-A1-P3</b>	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	<b>approved</b> 9 /25/2017
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128  www.leotek.com	<b>TSL-12R-LX-IL6-A1-P3</b>	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	<b>approved</b> 4 /2 /2015
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128  www.leotek.com	<b>TSL-12YA-IL6-A1-P3</b>	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	<b>approved</b> 9 /25/2017
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128  www.leotek.com	<b>TSL-12Y-LX-IL6-A1-P3</b>	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	<b>approved</b> 4 /2 /2015
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	Phone: (408) 380-1788 Cell: (903) 935-2695 Fax: (408) 518-8128  www.leotek.com	<b>TSL-PED-16-CIL-P1</b>	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	<b>approved</b> 11/7 /2012
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	Phone: (408) 380-1788 Cell: (903) 935-2695 Fax: (408) 518-8128  www.leotek.com	<b>TSL-PED-16-DIL 16" LED FH/MP Indication</b>	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	<b>approved</b> 4 /6 /2010
Trastar Incorporated Elaine Davis 860 North Dorothy Drive Suite 600 Richardson TX 75081 edavis@trastarusa.com	Phone: (972) 480-0888 Cell: Fax: (972) 480-8884  www.trastarusa.com	<b>JXC-300HFT Series LED Vehicular Lamps</b>	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	<b>approved</b> 11/6 /2012
Trastar Incorporated Elaine Davis 860 North Dorothy Drive Suite 600 Richardson TX 75081 edavis@trastarusa.com	Phone: (972) 480-0888 Cell: Fax: (972) 480-8884  www.trastarusa.com	<b>JXJ300-07T</b>	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	<b>approved</b> 11/6 /2012

**623.03.01 TRAFFIC SIGNALS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Trastar Incorporated Elaine Davis 860 North Dorothy Drive Suite 600 Richardson TX 75081 edavis@trastarusa.com	Phone: (972) 480-0888 Cell: Fax: (972) 480-8884  www.trastarusa.com	<b>JXM 300/400 VIE Series Countdown Pedestrian Lamps</b>  Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications  approved 11/6/2012

**623.03.15 SIGN LIGHTING FIXTURES**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Lumi Trak, Inc. Jeff Harper PO Box 158 Shrewsbury PA 17361 jeff@lumitrak.com	Phone: (717) 235-2863 Cell: (717) 779-8628 Fax: (717) 235-5076  www.lumitrak.com	<b>LT2000 SL120MOD</b>  approved 9/25/2017

**623.03.22 LUMINAIRE RETRIEVAL SYSTEM**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Lumi Trak Incorporated George Townsend PO Box 158 Shrewsbury PA 17361 george@lumitrak.com	Phone: (717) 235-2863 Cell: (717) 818-8203 Fax: (717) 235-5076  www.lumitrak.com	<b>Lumi Trak</b>  approved 10/11/2000

**623.05.26 RED LIGHT DETECTORS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
McCain Incorporated Carol Jarvis-Murphy 2365 Oak Ridge Way Vista CA 92081 cmurphy@mccain-inc.com	Phone: (760) 734-5027 Cell: (750) 727-8100 Fax: (760) 597-7108  www.mccain-inc.com	<b>Red Light Detector</b>  approved 7/16/2003

**625.02.02 MARKERS (REFLECTIVE ON CONCRETE BARRIER RAILS)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Artuk Gregg Schueler 1200 Abbott Drive Elgin IL 60123 sales@artukinc.com	Phone: (847) 841-7050 Cell: (847) 707-4698 Fax: (847) 488-9154  http://artukinc.com	<b>FB 33 Flexible Barrier</b>  approved 2/2/1993
Artuk Gregg Schueler 1200 Abbott Drive Elgin IL 60123 sales@artukinc.com	Phone: (847) 841-7050 Cell: (847) 707-4698 Fax: (847) 488-9154  http://artukinc.com	<b>FB34</b>  approved 12/28/2016

**625.02.02 MARKERS (REFLECTIVE ON CONCRETE BARRIER RAILS)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Artuk Gregg Schueler 1200 Abbott Drive Elgin IL 60123 sales@artukinc.com	Phone: (847) 841-7050 Cell: (847) 707-4698 Fax: (847) 488-9154  http://artukinc.com	<b>FT - Flex Tab</b>       approved 12/28/2016
Irwin Hodson Company Gary Johnson 2838 SE 9th Ave Portland OR 97202 garyj@ihco.com	Phone: (503) 419-4624 Cell: (503) 709-6608 Fax: (503) 239-5304  www.irwinhodson.com	<b>A-Shape Highway Traffic Reflector</b> Epoxy shall be used for fastening the reflective marker to the top of the concrete barrier rail  approved 5 /7 /2015
Irwin Hodson Company Gary Johnson 2838 SE 9th Ave Portland OR 97202 garyj@ihco.com	Phone: (503) 419-4624 Cell: (503) 709-6608 Fax: (503) 239-5304  www.ihco.com	<b>Barrier Traffic Reflector Series</b>       approved 9 /3 /2013
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>DAPCO Straight Guardrail Reflector Plates</b> Type II; standard surface and soil/ground mount options available  approved 1 /9 /1995
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>PCBM 12H High Impact</b> Type II; standard surface and soil/ground mount options available  approved 11/3 /2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>PCBM T12H High Impact</b> Type II; standard surface and soil/ground mount options available  approved 11/3 /2009
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096  www.trafficwks.com	<b>TD 9300 Roadguide</b>       approved 12/3 /2002
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096  www.trafficwks.com	<b>TD 9400 Roadguide</b>       approved 12/3 /2002

**625.02.03 CHANGEABLE MESSAGE SIGNS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**625.02.03 CHANGEABLE MESSAGE SIGNS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
No Vendors at this time *** *** *** ** ***	Phone: *** Cell: Fax:	MASH-16 crash testing standards are in effect for this category on 12/31/19. Awaiting submission of qualifying products from Industry to repopulate category. <b>approved</b> 12/31/2019

**625.02.04 IMPACT ATTENUATOR (TEMPORARY)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Lindsay Transportation Solutions, LLC Larry Savage 180 River Road Rio Vista CA 94571 larry.savage@lindsay.com	Phone: (707) 374-6800 Cell: (914) 474-9644 Fax: (707) 374-6801 www.barriersystemsinc.com	<b>ABSORB-M Non-Redirective Crash Cushion</b> MASH TL-3. Must be mounted on a concrete or asphalt slab per manufacturer's requirements. <b>approved</b> 9/17/2019
Lindsay Transportation Solutions, LLC Larry Savage 180 River Road Rio Vista CA 94571 larry.savage@lindsay.com	Phone: (707) 374-6800 Cell: (916) 474-9644 Fax: (707) 374-6801 www.lindsay.com/transportation-solutions	<b>Universal TAU-M</b> MASH TL-3 <b>approved</b> 7/22/2019
PSS Benjamin Gascoigne 2444 Baldwin Road Cleveland OH 44104 benjamin_gascoigne@PSS-Innovations.com	Phone: (800) 662-6338 Cell: (216) 231-8590 Fax: (216) 231-2702 www.PSS-Innovations.com	<b>CrashGard Sand Barrel</b> MASH TL-3; Must be mounted on a concrete or asphalt slab per manufacturer's requirements. <b>approved</b> 9/12/2012
Trinity Highway Products, LLC Paul Kruse 2525 N. Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.trinityhighway.com	<b>QuadGuard M10</b> MASH TL-3 <b>approved</b> 3/27/2019
Work Area Protection Jeffery Smith 2500 Production Drive St. Charles IL 60174 workarea@workareaprotection.com	Phone: (800) 327-4417 Cell: (630) 330-8063 Fax: (630) 377-9270 www.workareaprotection.com	<b>SCI100GM</b> MASH TL-3. Must be mounted on a concrete or asphalt slab per manufacturer's requirements. <b>approved</b> 2/23/2007

**625.02.05 IMPACT ATTENUATOR (TRUCK MOUNTED)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Gregory Industries, Inc. Eric Smith 4100 13th Street SW Canton OH 44710 esmith@gregorycorp.com	Phone: (330) 477-4800 Cell: Fax: (330) 477-0626 www.gregorycorp.com	<b>TTMA-200 Trailer Truck Mounted Attenuator</b> MASH TL-3. Trailer Mounted - Min. support vehicle weight of 10,000lbs (4,535.9kg), Max. support vehicle weight: unlimited. Unit selected must have a manufacturer recommended installation for the design speed specified in the bid item. <b>approved</b> 9/17/2019

**625.02.05 IMPACT ATTENUATOR (TRUCK MOUNTED)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Verdegro USA, LLC Herman Harderwijk 1700 W. Irving Park Road, Suite 303 Chicago IL 60613 sales@verdegro.com	Phone: (786) 408-5709 Cell: Fax: (786) 431-3097  www.BLADE-TMA.com	<b>BLADE TMA</b> MASH TL-3    approved 7 /22/2019

**625.02.06 ALTERNATIVE PORTABLE BARRIER RAIL**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Hill and Smith, Inc. Jeff Shewmaker 987 Buckeye Park Road Columbus OH 43207 jeff.shewmaker@hillandsmith.com	Phone: (707) 366-8759 Cell: Fax:  www.hillandsmith.com	<b>Zoneguard Steel Barrier</b> MASH TL-3; install per manufacturer's requirements.    approved 12/31/2019

**625.02.07 PORTABLE BEACON LIGHT SYSTEM**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
K&K Systems Incorporated Timothy Keith 687 Palmetto Road Tupelo MS 38801 timothy@k-systems.com	Phone: (888) 414-3003 Cell: (662) 566-2025 Fax: (662) 566-7123  www.k-systems.com	<b>Safety Beacon Light</b>    approved 1 /6 /1998

**625.03.03 SIGN SUPPORT SYSTEM**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Traffix Devices, Inc. Cary LeMonds 160 Avenida La Pata San Clemente CA 92673 clemonds@traffixdevices.com	Phone: (801) 979-7099 Cell: Fax: (949) 573-9290  www.traffixdevices.com	<b>Zephyr Portable Stand</b> MASH TL-3. Must conform to section 716. Dibond substrate is allowed only with stands specified by FHWA letters of acceptance.    approved 3 /22/2000

**625.03.04 BARRICADES**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>Barricade</b> Type 3B; with or without lights    approved 11/5 /2009
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: (847) 966-8074  www.plasticade.com	<b>Plasticade Angle Iron Type III Barricade</b> Type 3    approved 12/31/2012

**625.03.04 BARRICADES**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: (847) 966-8074  www.plasticade.com	<b>Plasticade Telespar Type III Barricade</b> Type 3  approved 12/31/2012
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: (847) 955-8074  www.plasticade.com	<b>Sentinel</b> Type 3  approved 2 /21/2007
PSS Benjamin Gascoigne 2444 Baldwin Road Cleveland OH 44104 benjamin.gascoigne@PSS-Innovations.com	Phone: (800) 662-6338 Cell: (216) 231-8590 Fax: (216) 231-2702  www.PSS-Innovations.com	<b>Anchor Mast Barricade</b> Type 3; with or without lights  approved 5 /5 /2010

**627.02.01 THERMOPLASTIC SIGN PANELS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
No Vendors at this Time *** *** ***	Phone: *** Cell: Fax:	approved 11/4 /2008

**630.02.01 HEADLIGHT GLARE SCREENS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Carsonite Composites Int'l Keith Lewis 19845 US Highway 76 Newberry SC 29108 mklewis@frontier.net	Phone: (800) 648-7916 Cell: (503) 621-8528 Fax: (803) 276-8940  www.carsonite.com	<b>Modular Guidance System</b>  approved 10/1 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax:  www.TrinityHighway.com	<b>Glare Screen System</b>  approved 7 /31/1996
Flexstake Incorporated Robert K. Hughes, Jr. 2150 Andrea Lane #C Ft Meyers FL 33912 jim@flexstake.com	Phone: (800) 348-9839 Cell: (239) 481-3539 Fax: (239) 482-3539  www.flexstake.com	<b>Glare Screen System</b>  approved 7 /31/1996

**632.03.05 RETROREFLECTOMETERS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**632.03.05 RETROREFLECTOMETERS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflintamericas.com/	<b>LTL-2000 discontinuing</b> 10/08 LTL 2000 Geometry Retroreflectometer was discontinued but still qualifies  <b>approved</b> 6 /1 /1999
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflintamericas.com/	<b>LTL-X 30 Meter Geometry</b>   <b>approved</b> 6 /1 /1999
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflintamericas.com/	<b>LTL-X Mark II</b>   <b>approved</b> 9 /25/2017
Mirolux Products Incorporated William Kaiser 12571 S. Deer Canyon Lane Draper UT 84020-3105 sales@miroluxproducts.com	Phone: (801) 718-7089 Cell: Fax: (801) 571-3394  www.miroluxproducts.com	<b>Mirolux Ultra 30</b>   <b>approved</b> 12/26/1999
RoadVista Eric Nelson 9925 Carroll Canyon Road San Diego CA 92131 enelson@roadvista.com	Phone: (858) 279-6044 Cell: (888) 637-2758 Fax: (858) 576-9286  www.roadvista.com	<b>LaserLux CEN 30</b> <b>LaserLux CEN 30 Mobile</b> 10/08 MX 30 Retroreflectometer was discontinued but still qualifies; 12/16 CEN 30 both the mobile and portable units have been discontinued but still qualify.  <b>approved</b> 12/5 /2016
RoadVista Eric Nelson 9925 Carroll Canyon Road San Diego CA 92131 enelson@roadvista.com	Phone: (858) 279-6044 Cell: (888) 637-2758 Fax: (858) 576-9286  www.roadvista.com	<b>LaserLux G7 Mobile</b>   <b>approved</b> 9 /25/2017
RoadVista Eric Nelson 9925 Carroll Canyon Road San Diego CA 92131 enelson@roadvista.com	Phone: (858) 279-6044 Cell: (888) 637-2758 Fax: (858) 576-9286  www.roadvista.com	<b>StripeMaster Series I</b>   <b>approved</b> 5 /27/2010
RoadVista Eric Nelson 9925 Carroll Canyon Road San Diego CA 92131 enelson@roadvista.com	Phone: (858) 279-6044 Cell: (888) 637-2758 Fax: (858) 576-9286  www.roadvista.com	<b>StripeMaster Series II</b>   <b>approved</b> 5 /27/2010

**633.02.01 PAVEMENT MARKERS (NON-REFLECTIVE, PERMANENT)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**633.02.01 PAVEMENT MARKERS (NON-REFLECTIVE, PERMANENT)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Alpine Products Bart Farrar 550 3rd Street SW, Building C Auburn WA 98001 bart@alpinemarkings.com	Phone: (253) 351-9828 Cell: Fax: (253) 735-6303 www.alpinemarkings.com	<b>DDOT ABS</b> 100 mm (4") round approved 6 /2 /1999
Apex Universal Incorporated Steve Edsinga 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 805-3839 Fax: (562) 944-2298 www.apexmarker.com	<b>929 ABS</b> 100 mm (4") round approved 6 /1 /1999
Apex Universal Incorporated Steve Edsinga 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 805-3839 Fax: (562) 944-2298 www.apexmarker.com	<b>929 PP</b> 100 mm (4") round approved 6 /1 /1999
Apex Universal Incorporated Steve Edsinga 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 805-3839 Fax: (562) 944-2298 www.apexmarker.com	<b>Ceramic</b> 100 mm (4") round approved 6 /1 /1999
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	<b>B10</b> 100 mm (4") round approved 12/20/2017
Interstate Sales Mike Trentman 12600 Locksley Lane, Suite 200 Auburn CA 95602 mike@interstatesales.com	Phone: (800) 237-7245 Cell: (530) 823-6070 Fax: (530) 823-0994 www.interstatesales.com	<b>Diamond Back (ABS &amp; Polypropylene)</b> 100 mm (4") round (ABS & Polypropylene) approved 5 /1 /2019
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096 www.trafficwks.com	<b>TD 10000 Series</b> 100 mm (4") round approved 12/4 /2002

**633.02.02 PAVEMENT MARKERS (REFLECTIVE, PERMANENT)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	<b>290 Durable Raised</b> 89 mm x 100 mm (3.6"X4") approved 6 /1 /1999

**633.02.02 PAVEMENT MARKERS (REFLECTIVE, PERMANENT)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Apex Universal Incorporated Steve Edsinga 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 805-3839 Fax: (562) 944-2298  www.apexmarker.com	<b>921 AR</b>     approved 6 /1 /1999
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflintamericas.com	<b>C80-FH Raised Pavement Marker</b>     approved 2 /6 /2002
Ray-O-Lite A Division of Pac-Tec Inc Todd Sowell 5401 N. Sam Houston Parkway W Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506  www.rayolite.com	<b>AA</b>     100 mm x 100 mm (4"x4") approved 6 /1 /1999
Ray-O-Lite A Division of Pac-Tec Inc Todd Sowell 5401 N. Sam Houston Parkway W Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506  www.rayolite.com	<b>ARC</b>     100 mm x 100 mm (4"x4") approved 6 /1 /1999
Ray-O-Lite A Division of Pac-Tec Inc Todd Sowell 5401 N. Sam Houston Parkway W Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506  www.rayolite.com	<b>Round Shoulder ARC</b>     100 mm x 100 mm (4"x4") approved 6 /1 /1999

**633.02.03 PAVEMENT MARKERS (REFLECTIVE, RECESSED)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ray-O-Lite A Division of Pac-Tec Inc Todd Sowell 5401 N. Sam Houston Parkway W Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506  www.rayolite.com	<b>2002</b>     58 mm x 19 mm (2.3"x4.6") approved 6 /1 /1999
Ray-O-Lite A Division of Pac-Tec Inc Todd Sowell 5401 N. Sam Houston Parkway W Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506  www.rayolite.com	<b>2004</b>     58 mm x 19 mm (2.3"x4.6") approved 6 /1 /1999

**633.02.04 PAVEMENT MARKERS ADHESIVE**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**633.02.04 PAVEMENT MARKERS ADHESIVE**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513  www.crafco.com	<b>34270 Hot Applied Flexible</b>     approved 6/16/1998
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflintamericas.com/	<b>Bundy 12 cm X 12 cm Pad;</b> White color on plantmix and back color on PCCP <b>(5" X 5") Pad</b>    approved 5/4/1998
Martin Asphalt Dolly Navarrete 300 Christy Place South Houston TX 77587 dnavarrete@martinmlp.com	Phone: (713) 941-4410 Cell: (713) 818-1005 Fax: (713) 947-4906  www.martinasphalt.com	<b>172542 Evergrip Bituminous</b>    approved 6/15/1998
Martin Asphalt Company Dolly Navarrete 300 Christy Place South Houston TX 77587 dolly.navarrete@martinmlp.com	Phone: (713) 943-5210 Cell: (713) 941-4410 Fax: (713) 947-4908  www.martinasphalt.com	<b>Evergrip Flexible GTR BMA</b>    approved 6/15/2016
Seal Bond Kelly Iverson 14851 Michael Lane Spring Lake MN 49456 kiverson@seal-bond.com	Phone: (800) 252-4144 Cell: Fax: (616) 850-0530  www.seal-bond.com	<b>SB 9113 Traffic Reflector Adhesive</b>    approved 9/25/2017

**633.02.05 LANE LINE MARKERS (REFLECTIVE, TEMPORARY)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Apex Universal Incorporated Steve Edsinga 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 805-3839 Fax: (562) 944-2298  www.apexmarker.com	<b>Apex Chip Seal / Overlay Marker</b>    approved 1/8/2013
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>Halftrack Model 25</b> Work zone pavement markers    approved 11/29/2000
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080  www.pexco.com	<b>Halftrack Model 26</b> Work zone pavement markers    approved 11/29/2000

**633.02.05 LANE LINE MARKERS (REFLECTIVE, TEMPORARY)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	<b>TOM</b> Work zone pavement markers	approved 11/29/2000
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	<b>TRPM (Temporary Overlay)</b> Work zone pavement markers	approved 11/29/2000

**635.02.01 PAVEMENT STRIPING TAPE (TEMPORARY)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	<b>710 WRR</b> WRR = Wet Reflective Removable white/yellow available	approved 8/16/2006
Advance Traffic Markings Raeleen Lucas 5182 Katella Ave. #104-B Los Alamitos CA 90720 lucasco@ralucasco.com	Phone: (562) 799-6160 Cell: (714) 397-4428 Fax: (562) 799-6150 www.ralucasco.com	<b>200 Construction R</b> R = Removable white/yellow available	approved 9/24/2003
Brite Line Technologies Shea Durkin 10660 E. 51st Ave Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	<b>Series 100R</b> R = Removeable white/yellow available	approved 6/15/1999
Brite Line Technologies Shea Durkin 10660 E. 51st Ave Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	<b>Series 200R</b> R = Removeable white/yellow available	approved 6/15/1999
Brite Line Technologies Shea Durkin 10660 E. 51st Ave Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	<b>Series Deltaline TWR</b> TWR = Temporary Wet Removeable white/yellow available	approved 6/15/1999
Swarco Industries / Traffic Mgt Johnathan Knudson 270 Rutherford Lane / PO Box 89 Columbia TN 38401 mark.colombo@swarco.com	Phone: (931) 560-4158 Cell: (314) 221-7833 Fax: (314) 729-1797 www.swarco.com	<b>Director 2 - (DG) Director 2 (DG-WR)</b> DG = Detour Grade WR = Wet Reflective white/yellow available	approved 4/26/1999



**635.02.01 PAVEMENT STRIPING TAPE (TEMPORARY)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Tape4 LLC Greg Gibson P.O. Box 300575 St Louis MO 63130 greg@tape4.com	Phone: (314) 968-2569 Cell: (314) 504-0742 Fax: (314) 968-0494 www.tape4.com	<b>Aztec III R</b> R = Removeable white/yellow available alt. contact is David Littleton (e: david@tape4.com)

approved  
6 / 7 / 2013

**641.02.01 IMPACT ATTENUATORS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Lindsay Transportation Solutions, LLC Larry Savage 180 River Road Rio Vista CA 94571 larry.savage@lindsay.com	Phone: (707) 374-6800 Cell: (916) 474-9644 Fax: (707) 374-6801 www.lindsay.com/transportation-solutions	<b>Universal TAU-M</b> MASH TL-3
Trinity Highway Products, LLC Paul Kruse 2525 N. Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.trinityhighway.com	<b>QuadGuard M10</b> MASH TL-3
Work Area Protection Jeffery Smith 2500 Production Drive St. Charles IL 60174 workarea@workareaprotection.com	Phone: (800) 327-4417 Cell: (630) 330-8063 Fax: (630) 377-9270 www.workareaprotection.com	<b>SCI100GM</b> MASH approved, TL-3 Compliant; Approved at all speeds.

approved  
7 / 22 / 2019

approved  
3 / 27 / 2019

approved  
2 / 23 / 2007

**642.02.02 CONCRETE PANEL WALL SYSTEMS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Big R Bridge: Vist-A-Wall Systems Jeffrey Stone 650 Justice Lane Mansfield TX 76063 jstone@bigrbridge.com	Phone: (817) 225-0852 Cell: (770) 871-9782 Fax: (817) 507-0197 bigrbridge.com	<b>Stabilized Earth Walls</b> NV sales contact Pete Niemann (ph) 970-584-2382 (e) pniemann@bigrbridge.com.
Hilfiker Retaining Wall Lauren Blankinship 1902 Hilfiker Lane Eureka CA 95503 lauren@hilfiker.com	Phone: (800) 762-8962 Cell: (707) 443-5093 Fax: (707) 443-2891 www.hilfiker.com	<b>Reinforced Soil Embankment Wall</b>
Reinforced Earth Company James Sullivan 12001 Westwood Center Drive, Suite 400 Reston VA 20191 jsullivan@reinforcedearth.com	Phone: (703) 547-8797 Cell: Fax: www.reinforcedearth.com	<b>GeoMega MSE Wall System</b> Approved with Omega connection only. Height restricted to 50 ft maximum.

approved  
8 / 28 / 2013

approved  
9 / 8 / 1998

approved  
3 / 27 / 2019

**642.02.02 CONCRETE PANEL WALL SYSTEMS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Reinforced Earth Company Jacques Bloomfield 23161 Mill Creek Drive #315 Laguna Hills CA 92653 jbloomfield@reinforcedearth.com	Phone: (949) 689-9023 Cell: Fax:  www.reinforcedearth.com	<b>Reinforced Earth Lrg Wall</b>     approved 2 /7 /2001
Reinforced Earth Company Jacques Bloomfield 23161 Mill Creek Drive #315 Laguna Hills CA 92653 jbloomfield@reinforcedearth.com	Phone: (949) 689-9023 Cell: Fax:  www.reinforcedearth.com	<b>Retained Earth</b>     approved 2 /7 /2001
SSL, LLC Andrew Thompson 4740 Scotts Valley Drive Suite E Scotts Valley CA 95066 andrewt@mseplus.com	Phone: (831) 430-9300 Cell: (831) 331-6199 Fax: (831) 430-9340  www.mseplus.com	<b>MSE Earth</b>     Modified panels required; W24 longitudinal wire not permitted approved 5 /6 /2002
SSL, LLC Andrew Thompson 4740 Scotts Valley Drive Suite E Scotts Valley CA 95066 andrewt@mseplus.com	Phone: (831) 430-9300 Cell: (831) 331-6199 Fax: (831) 430-9340  www.mseplus.com	<b>MSE Large Wall Panel</b>     Modified panels required; W24 longitudinal wire not permitted approved 5 /6 /2002
SSL, LLC Andrew Thompson 4740 Scotts Valley Drive Suite E Scotts Valley CA 95066 andrewt@mseplus.com	Phone: (831) 430-9300 Cell: (831) 331-6199 Fax: (831) 430-9340  www.mseplus.com	<b>MSE Plus</b>     Modified panels required; W24 longitudinal wire not permitted approved 5 /6 /2002
Tensor International Corporation Willie Liew 2500 Northwinds Parkway, Suite 500 Alpharetta GA 30009 wliew@tensarcorp.com	Phone: (770) 344-2090 Cell: (404) 219-0431 Fax: (770) 344-2084  www.tensarcorp.com	<b>Ares Retaining Precast Wall</b>     approved 6 /11/1998

**642.02.03 SEGMENTAL BLOCK WALL SYSTEMS**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Jensen Precast Frank Nunes 625 Bergin Way Sparks NV 89431-5803 fnunes@jensenprecast.com	Phone: (800) 431-9308 Cell: (775) 352-6345 Fax: (775) 359-1038  www.jensenprecast.com	<b>Redi-Rock</b>     Permitted on a project-by-project basis with approvals from NDOT bridge and NDOT geotechnical and in accordance with 640.02.03 NDOT specifications approved 7 /23/2009
Reinforced Earth Company Jacques Bloomfield 23161 Mill Creek Drive #315 Laguna Hills CA 92653 jbloomfield@reinforcedearth.com	Phone: (949) 689-9023 Cell: Fax:  www.reinforcedearth.com	<b>Pyramid</b>     Permitted on a project-by-project basis with approvals from NDOT bridge and NDOT geotechnical and in accordance with 640.02.03 NDOT specifications approved 9 /30/1994

**642.02.03 SEGMENTAL BLOCK WALL SYSTEMS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Super Lite Block Estrella Cotto 3565 East Bost Road Suite 108 Las Vegas NV 89021 estrella.cotto@oldcastleapg.com	Phone: (866) 758-3427 Cell: (702) 255-6364 Fax:  www.keystonewalls.com	<b>KeySteel SQFT MSE Panel</b> Permitted on a project-by-project basis with approvals from NDOT bridge and NDOT geotechnical and in accordance with 640.02.03 NDOT specifications  <b>approved</b> 5 /15/2002
Tensor International Corporation Willie Liew 2500 Northwinds Parkway, Suite 500 Alpharetta GA 30009 wliew@tensarcorp.com	Phone: (770) 344-2090 Cell: (404) 219-0431 Fax: (770) 344-2084  www.tensarcorp.com	<b>MESA</b> Permitted only when specified in the contract documents as an acceptable product  <b>approved</b> 1 /1 /2012

**646.02.02 CRACK SEALANTS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Adhesives Technology Corporation Renee Thomas 450 East Copans Rd. Pompano Beach FL 33064-5509 atcinfo@atcepoxy.com	Phone: (800) 892-1880 Cell: Fax: (800) 362-3320  www.atcepoxy.com	<b>CRACKBOND HEALER/SEALER</b> Type I, II, IV and V; Grade 1; Class B and C.  <b>approved</b> 12/17/2018
E-Chem, LLC Jason Burgoon 4102 El Rey Road SE Albuquerque NM 87105 jason@e-chem.net	Phone: (505) 217-2121 Cell: Fax:  www.e-chem.net	<b>EP100-SEAL HM</b> ASTM C881 Type I, II, IV, and V; Grade 1; Class B and C  <b>approved</b> 7 /22/2019
E-Chem, LLC Jason Burgoon 4102 El Rey Road SE Albuquerque NM 87105 jason@e-chem.net	Phone: (505) 217-2121 Cell: Fax:  www.e-chem.net	<b>EP-SLV</b> ASTM C881 Type I, II, IV, and V; Grade 1; Class B and C  <b>approved</b> 7 /22/2019
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com	Phone: (925) 785-6241 Cell: Fax:  usa.sika.com	<b>Sikadur 55 SLV</b> Type I and II; Grade 1; Class C  <b>approved</b> 6 /15/2016

**646.02.05 LIQUID MEMBRANE**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Bridge Preservation, LLC Jonathan Haydu 686 South Adams Street Kansas City KS 66105 info@bridgepreservation.com	Phone: (913) 912-3305 Cell: Fax: (913) 951-0601  www.bridgepreservation.com	<b>Bridge Deck Membrane (BDM)</b>  <b>approved</b> 9 /25/2017

**646.02.05 LIQUID MEMBRANE**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Olin Epoxy-POLY-CARB Ryan Supan 9456 Freeway Drive Macedonia OH 44056 ryan@poly-carb.com	Phone: (800) 225-5649 Cell: (440) 223-5261 Fax:  www.poly-carb.com	<b>Poly-Carb Mark 155 (Uregrid Waterproof Membrane)</b> Spray applied    approved 9 /25/2017

**702.03.01c CURING COMPOUND (LIQUID MEMBRANE FORMING FOR CURING CONCRETE)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488  www.atlasform.com	<b>Atlas Res-Cure</b> ASTM C309 Type 1D    approved 9 /2 /2008
Dayton Superior Corporation Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	Phone: (913) 596-9784 Cell: Fax:  www.daytonsuperior.com	<b>Resin Cure w/Dye J11WD</b> ASTM C309 Type 1D ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com).  approved 1 /8 /2010
SpecChem, LLC David Swain 3930 East Lone Mountain Road North Las Vegas NV 89081 dswain@specchemllc.com	Phone: (866) 791-8700 Cell: (602) 206-2563 Fax:  www.specchem.com	<b>SpecRez</b> Type 1D    approved 3 /26/2018
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426  www.usspec.com	<b>US SPEC MaxCure Resin Clear</b> ASTM C309 Type 1D    approved 2 /6 /2006
W.R. Meadows of N. CA Anita Vuchkovska 652 Indiana Street Benicia CA 94510 dot@wrmeadows.com	Phone: (800) 342-5976 Cell: (707) 745-6666 Fax: (707) 747-6206  www.wrmeadows.com	<b>1100 Clear</b> ASTM C309 Type 1D Variant Only    approved 8 /21/2019
W.R. Meadows of N. CA Anita Vuchkovska 652 Indiana Street Benicia CA 94510 dot@wrmeadows.com	Phone: (800) 342-5976 Cell: (707) 745-6666 Fax: (707) 747-6206  www.wrmeadows.com	<b>1300 Clear</b> ASTM C309 Type 1D Variant Only    approved 8 /21/2019

**702.03.01d CURING COMPOUND (WHITE PIGMENTED, WAX BASE)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**702.03.01d CURING COMPOUND (WHITE PIGMENTED, WAX BASE)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488 www.atlasform.com	<b>Atlas Pro-Cure White</b> approved 9 / 2 / 2008
Dayton Superior Corporation Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	Phone: (913) 596-9784 Cell: Fax: www.daytonsuperior.com	<b>White Wax Cure J9A</b> ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com). approved 8 / 29 / 2008
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	<b>Kurez Vox White Pigmented</b> approved 8 / 21 / 1997
SpecChem, LLC Colin Buchanan 1511 Baltimore Ave Ste 600 Kansas City MO 64108 cbuchanan@specchemllc.com	Phone: (816) 968-5600 Cell: (913) 223-9700 Fax: (816) 561-4021 www.specchemllc.com	<b>Atlas Pro-Cure White</b> approved 1 / 22 / 2014
SpecChem, LLC Colin Buchanan 1511 Baltimore Ave., Suite 600 Kansas City KS 64108 cbuchanan@specchemllc.com	Phone: Cell: (913) 223-9700 Fax: www.specchemllc.com	<b>PaveCure WW</b> approved 2 / 18 / 2008
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	<b>US SPEC MaxCure Wax White</b> approved 7 / 2 / 2008
Vexcon Chemicals Clifford Platt 7240 State Road Philadelphia PA 19135 ciplatt@vexcon.com	Phone: (215) 332-7709 Cell: Fax: (215) 332-9997 vexcon.com	<b>Envirocure White 500</b> approved 12 / 31 / 2019
W.R. Meadows of N. CA Anita Vuchkovska 652 Indiana Street Benicia CA 94510 dot@wrmeadows.com	Phone: (800) 342-5976 Cell: (707) 745-6666 Fax: (707) 747-6206 www.wrmeadows.com	<b>1600 White</b> approved 5 / 2 / 2019

**702.03.04 CURING COMPOUND (BRIDGE DECK)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
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**702.03.04 CURING COMPOUND (BRIDGE DECK)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488 www.atlasform.com	<b>Atlas Pro-Cure AMS</b> Bridge Decks ASTM C309, Type 2, Class B approved 9/2/2008
Dayton Superior Corporation Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	Phone: (913) 596-9784 Cell: Fax: www.daytonsuperior.com	<b>DSSCC White PAMS Cure</b> Bridge Decks ASTM C309, Type 2, Class B ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com). approved 6/17/2008
SpecChem, LLC Colin Buchanan 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 cbuchanan@specchemllc.com	Phone: (816) 968-5600 Cell: (913) 233-9700 Fax: (816) 561-4029 www.specchemllc.com	<b>Atlas Pro-Cure AMS</b> approved 1/22/2014
SpecChem, LLC Colin Buchanan 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 cbuchanan@specchemllc.com	Phone: Cell: (913) 233-9700 Fax: www.specchemllc.com	<b>Pave Cure AMS</b> approved 5/7/2013
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	<b>US SPEC AMS 3754 White</b> Bridge Decks ASTM C309, Type 2, Class B approved 6/17/2008
Vexcon Chemicals Clifford Platt 7240 State Road Philadelphia PA 19135 ciplatt@vexcon.com	Phone: (215) 332-7709 Cell: Fax: (215) 332-9997 vexcon.com	<b>Enviocure White 1315</b> approved 12/31/2019

**702.03.05 POZZOLANS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Boral Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@boral.com	Phone: (239) 565-2338 Cell: (239) 565-2338 Fax: (866) 499-8108 www.boralflyash.com	<b>Boral Micron 3 Fly Ash Class F</b> Plant: Rockdale, TX approved 2/17/2010
Boral Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@boral.com	Phone: (239) 565-2338 Cell: Fax: (866) 449-8108 www.flyash.com	<b>Carbon II Class F Fly Ash</b> Class F approved 12/31/2019

**702.03.05 POZZOLANS**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Boral Resources, LLC Larry Bronson P.O. Box 50192 Henderson NV 89016 lbronson@boral.com	<b>Class F Fly Ash</b> Phone: (702) 547-6941 Cell: (702) 498-4797 Fax: (702) 547-6941 www.boralflyash.com	Class F Fly Ash Sources: Plant: Delta Plant, UT Plant: Navajo Plant, Page, AZ Plant: Bridger Plant, WY approved 2/17/2010
Boral Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@boral.com	<b>Plant Apache Class F Fly Ash</b> Phone: (239) 565-2338 Cell: (239) 565-2338 Fax: (866) 499-8108 www.boralflyash.com	approved 6/15/2016
Boral Resources, LLC Ken Sears 1345 E. Philadelphia Street Pomona CA 91766 ksears@boral.com	<b>Pomona Fly Ash</b> Phone: (909) 627-9066 Cell: Fax: (909) 627-1037 http://boralamerica.com/fly-ash	Class F/C approved 3/27/2019
Nevada Cement Company Scott Murphy 1290 West Main Street Fernley NV 89408 smurphy@nevadacement.com	<b>Pozzolan Class "N"</b> Phone: (775) 575-2281 Cell: (775) 232-4508 Fax: (775) 575-4387 www.nevadacement.com	Class N approved 4/8/2011
Salt River Materials Group - Phoenix Cement Co Jeff Hearne 8800 East Chaparral Road, Suite 155 Scottsdale AZ 85250-2606 jhearne@srmaterials.com	<b>Bonanza Class F Fly Ash</b> Phone: (480) 850-5757 Cell: (602) 321-6040 Fax: (480) 850-5758 www.srmaterials.com	approved 9/25/2017
Salt River Materials Group - Phoenix Cement Co Jeff Hearne 8800 East Chaparral Road, Suite 155 Scottsdale AZ 85250-2606 jhearne@srmaterials.com	<b>Pozzolan Class F</b> Phone: (480) 850-5757 Cell: (602) 321-6040 Fax: (480) 850-5758 www.srmaterials.com	Plant: Cholla Plant, Joseph City, AZ Plant: Four Corners Plant, Fruitland, NM Plant: Gallup Plant, Gallup, NM Plant: San Juan Plant, Waterflow, NM approved 2/4/2011
Whitemud Resources Incorporated Thomas O' Neill Bow Valley Square 2 205 - 5 Avenue SW Suite 3900 Calgary, AB, T2P 2V7 Canada info@whitemudresources.com	<b>Whitemud</b> Phone: (403) 441-8206 Cell: (403) 266-1985 Fax: (403) 263-5035 www.whitemudresources.com	approved 2/4/2011

**707.03.04 JOINT SEALER (FOR WEAKENED PLANE JOINTS IN PCCP)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**707.03.04 JOINT SEALER (FOR WEAKENED PLANE JOINTS IN PCCP)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513  www.crafco.com	<b>Roadsaver Silicone SL</b>    approved 6 /20/2006
DS Brown Company Ryan Sypherd 300 East Cherry Street North Baltimore OH 45872 rsypherd@dsbrown.com	Phone: (800) 848-1730 Cell: (651) 262-6308 Fax: (419) 257-2200  www.dsbrown.com	<b>DSB 900 SL Silicone</b> SL = Self Leveling    approved 4 /5 /2005
Pecora Corporation Glen Murphy 165 Wambold Road Harleysville PA 19438 murphyg@pecora.com	Phone: (214) 723-6051 Cell: (818) 519-7658 Fax: (215) 721-0286  www.pecora.com	<b>Pecora 300</b>    approved 9 /15/2001
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com	Phone: (925) 785-6241 Cell: Fax:  usa.sika.com	<b>Sikasil 728 SL</b>    approved 8 /5 /2005
The Dow Chemical Company Jason Sika 12081 West Alameda Parkway #421 Lakewood CO 80228 jason.sika@dowcorning.com	Phone: (989) 496-6833 Cell: (303) 880-9614 Fax: (303) 484-6206  www.dowcorning.com	<b>DOWSIL 890-SL Silicone Sealant</b>    approved 3 /20/1997
Tremco Incorporated Technical Services 3735 Green Road Beachwood OH 44122 tscs@tremcoinc.com	Phone: (866) 209-2404 Cell: (216) 292-5000 Fax: (216) 766-5535  www.tremcosealants.com	<b>Spectrem 900 SL Formula 974831 w/ 333 Cartridges</b> SL = Self Leveling    approved 5 /31/2002

**714.03.01b COATING SYSTEMS FOR BRIDGES**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Carboline Company Agatha McFarland 2150 Schuetz Road Maryland Heights MO 63146 amcfarland@carboline.com	Phone: (314) 644-1000 Cell: (770) 846-1318 Fax: (314) 587-2693  www.carboline.com	<b>Use the System in Remarks</b>    Shop Coat: Carbozinc 11, Part A: Base Part B: Zinc Filler. 1st Field Coat: Carboguard 893 Cycloaliphatic Amine Epoxy-Part A: Resin Part B: Catalyst. Top Coat: Carbothane 134 HS Aliphatic Acrylic Polyurethane-Part A: Resin Part B: Urethane Converter 811  approved 12/30/1998
PPG Protective & Marine Coatings Tod Savage 6359 Rancho Mission Rd #2 San Diego CA 92108 nymiller@msn.com	Phone: (714) 337-1953 Cell: (619) 633-8406 Fax:  www.ppgpmc.com	<b>Use the System in Remarks</b>    Shop Coat: Dimetcote 9 Inorganic Zinc, Part A: Base Part B: Zinc Dust 1st Field Coat: Amercoat® 385 Multi-Purpose Epoxy - PartA: Resin Part B: Cure Top Coat: Amercoat 450 H Aliphatic Polyurethane - Part A: Resin Part B: Cure  approved 5 /21/2008



**714.03.01b COATING SYSTEMS FOR BRIDGES**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Sherwin Williams Company Paul Trautman 101 Prospect Avenue NW Cleveland OH 44115 paul.trautmann@sherwin.com	Phone: (216) 566-1733 Cell: (210) 861-2286 Fax: (216) 830-7721  www.sherwin-williams.com	<b>Use the System in Remarks</b> Shop Coat: Zinc Clad II, Part E: B69V3 Part F: B69D11 1st Field Coat: Recoatable Epoxy Primer - Part G: B67R5 Part H: B67V5 Top Coat: Sherthane® 2K Urethane - Part A: B65-150 Series Part B: B65V150

approved  
12/30/1998

**716.03.01a REFLECTIVE SHEETING (TYPE IV)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>3300 Flex P</b> Type IV for Barricades and Cones
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>3910 FL DG</b> Type IV for work zone drums and delineators
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>3911 FL Y DG</b> Type IV for work zone drums and delineators
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>3914 FL DG</b> Type IV for work zone drums and delineators
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>3924S</b> Type IV for Barricades ONLY and Permanent Traffic
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>3930</b> Type IV for Barricades ONLY and Permanent Traffic
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>T6500 P HI</b> Type IV for temporary traffic control devices, delineators and permanent signs ONLY

approved  
9/10/2010

approved  
8/16/2000

approved  
8/16/2000

approved  
8/16/2000

approved  
12/1/2004

approved  
12/1/2004

approved  
7/10/2001

**716.03.01a REFLECTIVE SHEETING (TYPE IV)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>W6000 P</b> Type IV for temporary traffic control devices, delineators, and work zone signs ONLY  approved 7 /10/2001
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>W7514 F</b> Type IV for temporary traffic control devices, delineators, and work zone signs ONLY  approved 7 /10/2001
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>WR-7100 White R</b> Type IV F= Fluorescent; R= Reboundable  approved 3 /31/2011
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>WR-7114 Orange FR</b> Type IV F= Fluorescent; R= Reboundable  approved 3 /31/2011
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951  www.orafolamericas.com	<b>ORALITE 5900 High Intensity Prismatic All Colors</b> Type IV  approved 2 /5 /2013
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951  www.orafolamericas.com	<b>ORALITE 5900 White and Yellow Intensity Prismatic</b> Type IV  approved 2 /5 /2013
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951  www.orafolamericas.com	<b>ORALITE Resilience Channelizer Tape</b> Type IV for use in construction work zones on drums, cones, tubes, posts, and vertical panels  approved 4 /6 /2011

**716.03.01b REFLECTIVE SHEETING (TYPE V)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951  www.orafolamericas.com	<b>ORALITE AP 1000</b> Type V For use in work zones on barrier and guardrail delineation and roadside delineation posts.  approved 4 /8 /1999

**716.03.01b REFLECTIVE SHEETING (TYPE V)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951  www.orafolamericas.com	<b>ORALITE AR 1000</b> Type V For use in work zones on barrier and guardrail delineation and roadside delineation posts. approved 4 / 8 / 1999

**716.03.01c REFLECTIVE SHEETING (TYPE VI)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Company, Traffic Safety Security Division Eric Dornak P.O. Box 23139 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (701) 743-0012 Cell: Fax:  www.3m.com/tss	<b>RS60/641 Roll-Up Signs</b> Type VI approved 12/28/2016
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>3340 Cone</b> Type VI for traffic PVC cones ONLY approved 8 / 16 / 2000
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>RS-24* Roll-Up</b> Type VI for Barricades ONLY and Permanent Traffic; *Roll-up Signs approved 8 / 16 / 2000
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>RS-34* Roll-Up</b> Type VI for Barricades ONLY and Permanent Traffic; *Roll-up Signs approved 8 / 16 / 2000
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>S9000C Cone Collar</b> Type VI for reboundable traffic cones ONLY approved 2 / 2 / 2004
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951  www.orafolamericas.com	<b>ORALITE Marathon Roll-Up</b> Type VI for use in emergency traffic control construction work zones and utility work areas approved 4 / 8 / 1999
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951  www.orafolamericas.com	<b>ORALITE Super Bright Roll-Up</b> Type VI for use in emergency traffic control construction work zones and utility work areas approved 4 / 8 / 1999

**716.03.01c REFLECTIVE SHEETING (TYPE VI)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951  www.orafolamericas.com	<b>Reflective Flag*</b> Type VI *for flagger poles ONLY  approved 4 /6 /2011

**716.03.01d REFLECTIVE SHEETING (TYPE IX)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>3990 VIP DG</b> Type IX DG=Diamond Grade  approved 9 /10/2010
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>OV T9500</b> Type IX OV=OmniView  approved 7 /10/2001
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>OV T9511</b> Type IX OV=OmniView, Fluorescent Yellow  approved 7 /10/2001
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>OV T9513</b> Type IX OV=OmniView, Fluorescent Yellow Green  approved 7 /10/2001
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>OV T9514</b> Type IX OV=OmniView, Fluorescent Orange  approved 7 /10/2001
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951  www.orafolamericas.com	<b>ORALITE 5930 Fluorescent Orange Work Zone Rigid</b> Type IX  approved 2 /5 /2013

**716.03.01e REFLECTIVE SHEETING (TYPE XI)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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**716.03.01e REFLECTIVE SHEETING (TYPE XI)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>4000 DG3</b> Type XI B=Barricade; WZ=Work Zones  approved 8 /16/2000
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>4080 DG3 WZ</b> Type XI B=Barricade; WZ=Work Zones  approved 8 /16/2000
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>444 DG3 B</b> Type XI B=Barricade; WZ=Work Zones  approved 8 /16/2000
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>OC T11500</b> Type XI OC=OmniCube  approved 7 /29/2010
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>OC T11511</b> Type XI OC=OmniCube, Fluorescent Yellow  approved 7 /29/2010
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>OC T11513</b> Type XI OC=OmniCube, Fluorescent Yellow Green  approved 7 /29/2010
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688  www.reflectives.averydennison.com	<b>OC T11514</b> Type XI OC=OmniCube, Fluorescent Orange  approved 7 /29/2010

**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Adhesives Technology Corporation Renee Thomas 450 East Copans Road Pompano Beach FL 33064-5509 rthomas@atcepoxy.com	Phone: (800) 892-1880 Cell: (954) 782-2221 Fax: (954) 782-2499  www.atcepoxy.com	<b>ULTRABOND 1</b> Type I, II, IV and V; Grade 3; Class A, B and C  approved 11/21/2005

**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Adhesives Technology Corporation Renee Thomas 450 East Copans Road Pompano Beach FL 33064-5509 rthomas@atcepoxy.com	<b>ULTRABOND 1300</b> Phone: (800) 892-1880 Cell: (954) 782-2221 Fax: (954) 782-2499 www.atcepoxy.com	Type I, II, IV and V; Grade 3; Class B and C	approved 11/21/2005
Adhesives Technology Corporation Renee Thomas 450 East Copans Road Pompano Beach FL 33064-5509 rthomas@atcepoxy.com	<b>ULTRABOND HS-1CC</b> Phone: (800) 892-1880 Cell: (954) 782-2221 Fax: (954) 782-2499 www.atcepoxy.com	Type II, IV and V; Grade 3; Class A, B and C	approved 3 /26/2018
Adhesives Technology Corporation Renee Thomas 450 East Copans Road Pompano Beach FL 33064-5509 rthomas@atcepoxy.com	<b>ULTRABOND HS-200</b> Phone: (800) 892-1880 Cell: (954) 782-2221 Fax: (954) 782-2499 www.atcepoxy.com	Type I, II, IV and V; Grade 3; Class A, B and C	approved 11/21/2005
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	<b>Atlas Epoxy Bonder</b> Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488 www.atlasform.com	Type I, II, IV and V; Grade 2; Class B and C	approved 4 /29/2004
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	<b>LPL Epoxy Bonder</b> Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488 www.atlasform.com	Type I, II and V; Grade 2; Class B and C	approved 4 /29/2004
Dayton Superior Corporation Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	<b>Sure Anchor I J-51</b> Phone: (913) 596-9784 Cell: Fax: www.daytonsuperior.com	Type I, II, IV and V; Grade 3; Class B and C ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com).	approved 1 /14/2003
E-Chem, LLC Jason Burgoon 4102 El Rey Road SE Albuquerque NM 87105 jason@e-chem.net	<b>EP-GEL FAST</b> Phone: (505) 217-2121 Cell: (505) 300-9579 Fax: (505) 217-3721 www.e-chem.net	Type I, II, IV and V; Grade 3; Class B and C	approved 8 /30/2017
E-Chem, LLC Jason Burgoon 4102 El Rey Road SE Albuquerque NM 87105 jason@e-chem.net	<b>EP-MV</b> Phone: (505) 217-2121 Cell: Fax: www.e-chem.net	ASTM C881 Type I and II; Grade 2; Class B and C	approved 7 /22/2019

**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	<b>Dural 452 MV</b>	Type I, II, IV and V; Grade 2; Class C     approved 11/29/2012
Hilti Incorporated Pete Anderson 7250 Dallas Parkway, Suite 1000 Plano TX 75024 us-sales@hilti.com	Phone: (800) 879-8000 Cell: Fax: (800) 879-7000 www.hilti.com	<b>HTE 50</b>	Type I, II, IV and V; Grade 3; Class B and C     approved 7 /6 /2009
Hilti, Inc. Lisa Barkand 7250 Dallas Parkway, Suite 1000 Plano TX 75024 lisa.barkand@hilti.com	Phone: (877) 749-6337 Cell: Fax: www.hilti.com	<b>HIT-RE 10</b>	Type I, II, IV and V; Grade 3; Class A, B and C     approved 9 /24/2018
Hilti, Inc. Peter Anderson 7250 Dallas Parkway, Suite 1000 Plano TX 75024 us-sales@hilti.com	Phone: (972) 403-5948 Cell: Fax: (800) 879-7000 www.us.hilti.com	<b>HIT-RE 100</b>	Type I, II, IV and V; Grade 3; Class A, B and C     approved 12/17/2018
Hilti, Inc. Peter Anderson 7250 Dallas Parkway, Suite 1000 Plano TX 75024 peter.anderson@hilti.com	Phone: (972) 403-5948 Cell: Fax: www.us.hilti.com	<b>HIT-RE 500v3</b>	Type I, II, IV, and V; Grade 3; Class A, B, and C     approved 9 /25/2017
ITW Commercial Construction North America Amy Kolczak 700 High Grove Boulevard Glendale Heights IL 60319 akolczak@itwccna.com	Phone: (630) 825-7900 Cell: Fax: www.itwredhead.com	<b>Red Head C6+</b>	Type I, II, IV and V; Grade 3; Class B and C     approved 9 /24/2018
ITW Commercial Construction North America Amy Kolczak 700 High Grove Boulevard Glendale Heights IL 60319 akolczak@itwccna.com	Phone: (630) 825-7900 Cell: Fax: www.itwredhead.com	<b>Red Head G5+</b>	Type I, II, IV and V; Grade 3; Class B and C     approved 9 /25/2017
MAPEI Americas Headquarters Bruce Haller 1144 East Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	Phone: (800) 425-2734 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	<b>Planibond AE</b>	Type I, II, IV and V; Grade 3; Class B and C     approved 8 /3 /2011

**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
MasterSpec Materials, LLC Luisa Flores 806 Buchanan Blvd, Ste 115-294 Boulder City NV 89005 lflores@masterspecmaterials.com	Phone: (702) 997-8838 Cell: (702) 430-2407 Fax: www.masterspecmaterials.com	<b>RiteBond</b> Type I, II, IV and V; Grade 2; Class B and C	approved 9/24/2018
MKT Fastening, LLC Bert Mayer 1 Gunnebo Drive Lonoke AR 72086 bert@mktfastening.com	Phone: (501) 676-2222 Cell: Fax: (501) 676-7266 www.mktfastening.com	<b>Liquid Roc 500+</b> Type IV; Grade 3; Class B and C	approved 9/25/2017
Pecora Corporation Glen Murphy 165 Wambold Road Harleysville PA 19438 murphyg@pecora.com	Phone: (214) 723-6051 Cell: (818) 519-7658 Fax: (215) 721-0286 www.pecora.com	<b>Dynapoxy EP-420</b> Type II; Grade 2; Class B and C	approved 6/7/2010
Pecora Corporation Glen Murphy 165 Wambold Road Harleysville PA 19438 murphyg@pecora.com	Phone: (214) 723-6051 Cell: (818) 519-7658 Fax: (215) 721-0286 www.pecora.com	<b>Dynapoxy EP-430 Fast</b> Type I, II, IV and V; Grade 1; Class A, B and C	approved 6/7/2010
Pecora Corporation Glen Murphy 165 Wambold Road Harleysville PA 19438 murphyg@pecora.com	Phone: (214) 723-6051 Cell: (818) 519-7658 Fax: (215) 721-0286 www.pecora.com	<b>Dynapoxy EP-450</b> Type I, II, IV and V; Grade 1; Class B and C	approved 6/7/2010
Pecora Corporation Glen Murphy 165 Wambold Road Harleysville PA 19438 murphyg@pecora.com	Phone: (214) 723-6051 Cell: (818) 519-7658 Fax: (215) 721-0286 www.pecora.com	<b>Dynapoxy Low Mod Epoxy</b> Type III; Grade 2; Class B and C	approved 6/7/2010
Powers Fasteners Mark Ziegler 2 Powers Lane Brewster NY 10509 mark.ziegler@powers.com	Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	<b>DEWALT PE1000+</b> Type I, II, IV and V; Grade 3; Class B and C	approved 12/1/2016
Powers Fasteners Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoINETTE@sbdinc.com	Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	<b>DEWALT Pure 110+</b> Type I, II, IV and V; Grade 3; Class B and C	approved 12/1/2016



**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Powers Fasteners Beth Hinkley 2 Powers Lane Brewster NY 10509 beth.hinkley@sbdinc.com	Phone: (800) 524-3244 Cell: (845) 230-7503 Fax: (914) 576-6483 anchors.dewalt.com	<b>DEWALT Pure GP</b> Type I, II, IV and V; Grade 3; Class B and C	approved 12/1 /2016
Powers Fasteners Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoINETte@sbdinc.com	Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	<b>DEWALT Pure50+</b> Type I, II, IV and V; Grade 3; Class B and C	approved 12/1 /2016
Powers Fasteners Mark Ziegler 2 Powers Lane Brewster NY 10509 mark.ziegler@sbdinc.com	Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	<b>PE1000+</b> Type I, II, IV and V; Grade 3; Class B and C	approved 12/5 /2011
Powers Fasteners Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoINETte@sbdinc.com	Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	<b>Pure 110+</b> Type I, II, IV and V; Grade 3; Class B and C	approved 11/22/2013
Powers Fasteners Beth Hinkley 2 Powers Lane Brewster NY 10509 beth.hinkley@sbdinc.com	Phone: (800) 524-3244 Cell: (845) 230-7503 Fax: (914) 576-6483 anchors.dewalt.com	<b>Pure GP</b> Type I, II, IV and V; Grade 3; Class B and C	approved 3 /25/2016
Powers Fasteners Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoINETte@sbdinc.com	Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	<b>Pure50+</b> Type I, II, IV and V; Grade 3; Class B and C	approved 11/22/2013
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com	Phone: (925) 785-6241 Cell: Fax: usa.sika.com	<b>Sika AnchorFix 3001</b> ASTM C881 Type IV; Grade 3; Class C. Automatic proportioning, mixing, and dispensing equipment must be used.	approved 7 /22/2019
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com	Phone: (925) 785-6241 Cell: Fax: usa.sika.com	<b>Sikadur 35 Hi Mod</b> Type I, II and IV; Grade 1; Class C	approved 4 /10/2006

**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Simpson Strong Tie Wendy Allen 5151 South Airport Way Stockton CA 95206 wallen@strongtie.com	<b>ET-HP Epoxy Adhesive</b>	Type IV; Grade 3; Class C	approved 1/15/2009
SpecChem, LLC Connor Harwood 1511 Baltimore Ave. Kansas City MO 64108 charwood@specchemllc.com	<b>SpecPoxy 3000</b>	Type I, II, IV and V; Grade 3; Class B and C	approved 3/27/2019
Unitex Chemicals / Dayton Superior Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	<b>J-51 Sure Anchor I</b>	Type I, II, IV and V; Grade 3; Class B and C ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com).	approved 1/14/2003
Unitex Chemicals / Dayton Superior Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	<b>Pro-Poxy 200</b>	Type I and II; Grade 2; Class B and C ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com).	approved 1/14/2003
Unitex Chemicals / Dayton Superior Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	<b>Pro-Poxy 300</b>	Type I, II, IV and V; Grade 3; Class B and C ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com).	approved 1/14/2003
Unitex Chemicals / Dayton Superior Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	<b>Pro-Poxy 300 FAST</b>	Type I, II, IV and V; Grade 3; Class B and C ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com).	approved 1/14/2003
Unitex Chemicals / Dayton Superior Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	<b>Pro-Poxy 50</b>	Type I, II, IV and V; Grade 1; Class B and C ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com).	approved 1/14/2003
USP Structural Connectors, MiTek USA, Inc. Jim Collins 14305 Southcross Drive, Suite 200 Burnsville MN 55306 jcollins@mii.com	<b>CIA-GEL 6000-GP</b>	Type I, II, IV and V; Grade 3; Class A, B and C	approved 3/25/2016

**728.03.02 EPOXY RESIN ADHESIVE FOR BONDING**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
USP Structural Connectors, MiTek USA, Inc. Phone: (800) 328-5934	<b>CIA-GEL 7000 Adhesive</b>	Type I and IV; Grade 3; Class B, C and D approved
Jim Collins 14305 Southcross Drive Suite 200 Burnsville MN 55306 jcollins@mii.com	Cell: (952) 898-8772 Fax: (952) 898-8605 www.uspconnectors.com	8 /9 /2000

**729.03.03 PAINT MARKING MATERIAL - EPOXY**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Colorado Paint Company/Swarco Marilou Bruce 4747 Holly Street Denver CO 80216 marilou.bruce@swarco.com	Phone: (303) 388-9265 Cell: (303) 332-9216 Fax: (303) 388-0881 www.coloradopaint.com	<b>1180</b> White: 1180 Part A Yellow: 1186 Part A Hardener: 1185 Part B "Lead Free Yellow" contains organic yellow pigment. approved 3 /23/2000
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 27410 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com	<b>HPS-3</b> White: HPS-3 Part A Yellow: HPS-3 Part A Black: HPS-3 Part A Hardener: HPS-3 Part B "Lead Free Yellow" contains organic yellow pigment. approved 7 /25/2002
Epoplex Cindi Westlund 1000 East Park Avenue Maple Shade NJ 08052 epoplex@epoplex.com	Phone: (800) 822-6920 Cell: (856) 667-8399 Fax: (856) 779-2963 www.epoplex.com	<b>Epoplex LS50</b> White: LS50 Part A Yellow: LS50 Part A Hardener: LS50 Part B "Lead Free Yellow" contains organic yellow pigment. approved 2 /6 /2003
Epoplex Cindi Westlund 1000 East Park Avenue Maple Shade NJ 08052 epoplex@epoplex.com	Phone: (800) 822-6920 Cell: (856) 667-8399 Fax: (856) 779-2963 www.epoplex.com	<b>Epoplex LS60</b> White: LS60 Part A Yellow: LS60 Part A Hardener: LS60 Part B "Lead Free Yellow" contains organic yellow pigment. approved 2 /6 /2003
Olin Epoxy-POLY-CARB Ryan Supan 9456 Freeway Drive Macedonia OH 44056 ryan@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 223-5261 Fax: www.poly-carb.com	<b>Mark 55.2 NV</b> White: Mark 55.2 Part A Yellow: Mark 55.2 Part A Hardener: Mark 55.2 Part B "Lead Free Yellow" contains organic yellow pigment. approved 5 /11/2004
Olin Epoxy-POLY-CARB Ryan Supan 9456 Freeway Drive Macedonia OH 44056 ryan@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 223-5261 Fax: www.poly-carb.com	<b>Mark 55.3 NV</b> White: Mark 55.3 Part A Yellow: Mark 55.3 Part A Hardener: Mark 55.3 Part B "Lead Free Yellow" contains organic yellow pigment. approved 5 /11/2004
Olin Epoxy-POLY-CARB Ryan Supan 9456 Freeway Drive Macedonia OH 44056 ryan@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 223-5261 Fax: www.poly-carb.com	<b>Mark 55.4 NV</b> White: Mark 55.4 Part A Yellow: Mark 55.4 Part A Hardener: Mark 55.4 Part B "Lead Free Yellow" contains organic yellow pigment. approved 10/24/1997

**729.03.05 PAINT MARKING MATERIAL - POLYUREA**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
3M Transportation Safety Division Thanh-Huong Do 3M Center, 235-3W-052 St Paul MN 55144 ttdo@mmm.com	Phone: (651) 733-1110 Cell: (702) 743-0012 Fax:  www.3m.com	<b>3M All Weather Liquid Pavement Marking Series 5000</b> Reflective media applied by Double Drop w/Reflective Element Method. Usage is restricted to Clark Co w/elevation ≤ 4,000 feet.	approved 3 /25/2016
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflintamericas.com/	<b>HPS-5</b> White: Part A Yellow: Part A Cross Linker: Part B Double Drop w/Glass Spheres Method can be used statewide without restrictions. Double Drop w/Reflective Element Method is restricted to Clark County w/elevations ≤ 4,000 feet.	approved 7 /25/2002
Epoplex Cindi Westlund 1000 East Park Avenue Maple Shade NJ 08052 epoplex@epoplex.com	Phone: (800) 822-6920 Cell: (856) 667-8399 Fax: (856) 779-2963  www.epoplex.com	<b>Epoplex LS90</b> White: Part A Yellow: Part A Cross Linker: Part B Reflective media applied by Double Drop w/Reflective Element Method is restricted to Clark Co w/elevation ≤ 4,000 feet. Reflective media applied by Double Drop w/Glass Spheres statewide	approved 2 /6 /2003
Olin Epoxy-POLY-CARB Ryan Supan 9456 Freeway Drive Macedonia OH 44056 ryan@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 223-5261 Fax:  www.poly-carb.com	<b>Mark 75.4</b> White: Part A Yellow: Part A Cross Linker: Part B Double Drop w/Glass Sphere Method can be used statewide without restrictions. Double Drop w/Reflective Element Method is restricted to Clark County w/elevations ≤ 4,000 feet.	approved 1 /10/2013
Swarco Colorado Paint Company Ling Tan 2851 Walden Street Aurora CO 80011 ling.tan@swarco.com	Phone: (303) 388-9265 Cell: (919) 208-3360 Fax: (303) 388-0881  www.coloradopaint.com	<b>MFUA 12</b> 6180 White: Part A 6185 Crosslinker: Part B 6186 Yellow: Part A 6187 Black: Part A Reflective media applied by Double Drop w/Reflective Element Method is restricted to Clark County w/elevation ≤ 4,000 feet. Double Drop applied w/Glass Sphere statewide	approved 6 /7 /2013

**729.03.05a PAINT MARKING MATERIAL - RAPID DRY WATERBORNE (ACRYLIC EMULSION)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Arkema Incorporated  no contact information provided OR required	Phone: Cell: Fax:	<b>ENCOR DT 250</b> Type I	approved 7 /19/2002
Arkema Incorporated  no contact information provided OR required	Phone: Cell: Fax:	<b>ENCOR DT 400</b> Type II	approved 7 /19/2002
Dow Chemical/Rohm & Haas LLC  no contact information available OR required	Phone: Cell: Fax:	<b>Fastrack 3427</b> Type I; prev Rhoplex Fastrack 3427; Bulk #10081323; Substance #101051012	approved 5 /20/1999

**729.03.05a PAINT MARKING MATERIAL - RAPID DRY WATERBORNE (ACRYLIC EMULSION)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Dow Chemical/Rohm & Haas LLC no contact information available OR required	<b>Fastrack HD-21A</b>	Type II; prev Rhoplex Fastrack HD21A; Bulk #10076070; Substance #101084604
Phone: (330) 388-9265 Cell: (330) 388-9216 Fax: (330) 388-0881		approved 5 /20/1999

**729.03.05b PAINT MARKING MATERIAL - RAPID DRY WATERBORNE PAINT (TYPE I, TEMPORARY STRIPING FORMULATION)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Colorado Paint Company/Swarco Marilou Bruce 4747 Holly Street Denver CO 80216 marilou.bruce@swarco.com	<b>W: 1160-NV Waterborne</b> <b>Y: 1166-NV Waterborne</b>	Fastrack 3427 W = White; Y = Yellow
Phone: (303) 388-9265 Cell: (303) 332-9216 Fax: (303) 388-0881 www.coloradopaint.com		approved 12/16/2011
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	<b>170 White, 176 Yellow</b> <b>Fast Dry Waterborne Paint</b>	Fastrack 3427
Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/		approved 1 /15/2013
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	<b>W: 982801 NVW-21-M-2</b> <b>Y: 982802 NVY-21-M-2</b>	ENCOR DT 250 W = White; Y = Yellow
Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/		approved 12/11/2002
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	<b>W: 982821 NVW-34-M-1</b> <b>Y: 982822 NVY-34-M-1</b>	Fastrack 3427 W = White; Y = Yellow
Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/		approved 12/1 /2002
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	<b>W: Pervo Plastics 6000</b> <b>Y: Pervo Plastics 6003</b>	Fastrack 3427 W = White; Y = Yellow
Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/		approved 7 /30/2002
International Coatings Company, Inc. Amelia Nucup 13929 East 166th Street Cerritos CA 90703 anucup@iccink.com	<b>W: Line-Pro 5630</b> <b>Y: Line-Pro 5640</b>	Fastrack HD-21A W = White; Y = Yellow
Phone: (562) 926-1010 Cell: Fax: (562) 926-9486 www.iccink.com		approved 7 /24/2013
Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@ozarkmaterials.net	<b>Waterborne Standard</b> <b>Paint (white and yellow)</b>	Fastrack 3427
Phone: (334) 213-2995 Cell: Fax: (334) 213-2996 www.ozarkmaterials.net		approved 3 /27/2019

**729.03.05b PAINT MARKING MATERIAL - RAPID DRY WATERBORNE PAINT (TYPE I, TEMPORARY STRIPING FORMULATION)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Vista Paint Corporation Steve Tetreault 2020 East Orangethorpe Ave. Fullerton CA 92831 stetreault@vistapaint.com	Phone: (702) 539-8973 Cell: (714) 680-3800 Fax: (702) 359-6320  www.vistapaint.com	<b>On-Line Fast Dry 6900</b> <b>Series: white/yellow/black</b>  approved 7/22/2019

**729.03.05c PAINT MARKING MATERIAL - RAPID DRY WATERBORNE (TYPE II, PERMANENT STRIPING FORMULATION)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>
Colorado Paint Company/Swarco Marilou Bruce 4747 Holly Street Denver CO 80216 marilou.bruce@swarco.com	Phone: (303) 388-9265 Cell: (303) 332-9216 Fax: (303) 388-0881  www.coloradopaint.com	<b>W: 1110-NV Ultra High</b> <b>Y: 1116-NV Ultra High</b>  Fastrack HD-21A W = White; Y = Yellow  approved 12/16/2011
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflintamericas.com/	<b>380 White High Build</b> <b>Paint 386 Yellow High</b> <b>Build</b>  Fastrack HD-21A; 386 was approved 7/22/2013  approved 12/4 /2014
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflintamericas.com/	<b>W: 982811 NVW-40-M-2</b> <b>Y: 982812 NVY-40-M-2</b>  ENCOR DT 400 W - White; Y = Yellow  approved 12/11/2002
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflintamericas.com/	<b>W: 982831 NVW-HD-M-1</b> <b>Y: 982832 NVY-HD-M-1</b>  Fastrack HD-21A W = White; Y = Yellow  approved 12/11/2002
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflintamericas.com/	<b>W: 982851</b> <b>Y: 982852</b>  Fastrack HD-21A W = White; Y = Yellow Product previously known as W: Pervo Plastics 6050 & Y: Pervo Plastics 6053  approved 7/30/2002
International Coatings Company, Inc. Amelia Nucup 13929 East 166th Street Cerritos CA 90703 anucup@iccink.com	Phone: (562) 926-1010 Cell: Fax: (562) 926-9486  www.iccink.com	<b>Line-Pro 5610 White</b> <b>Line-Pro 5620 Yellow</b>  Fastrack HD-21A Company contact: Amelia Nucup and/or Scott Johnson, (562) 926-1010 ext 343 and/or (714) 299- 0631  approved 11/19/2013
Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@ozarkmaterials.net	Phone: (334) 213-2995 Cell: Fax: (334) 213-2996  www.ozarkmaterials.net	<b>Waterborne Durable</b> <b>Paint (white and yellow)</b>  Fastrack HD-21A  approved 12/17/2018

**729.03.05c PAINT MARKING MATERIAL - RAPID DRY WATERBORNE (TYPE II, PERMANENT STRIPING FORMULATION)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Sherwin Williams Company Paul Trautman 101 Prospect Avenue NW Cleveland OH 44115 paul.trautmann@sherwin.com	Phone: (216) 566-1733 Cell: (210) 861-2286 Fax: (216) 830-7721  www.sherwin-williams.com	<b>W: TM2398</b> <b>Y: TM2399</b>  Fastrack HD-21A Fastrack HD-21A W = White; Y = Yellow	approved 7 /9 /2003

**732.03.01 PAVEMENT MARKING TAPE (TYPE I)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>Series 270</b>  Type I white/yellow available	approved 5 /6 /2011
Advance Traffic Markings Raeleen Lucas 5182 Katella Ave. #104-B Los Alamitos CA 90720 lucasco@ralucasco.com	Phone: (562) 799-6160 Cell: (714) 397-4428 Fax: (562) 799-6150  www.ralucasco.com	<b>Series 300</b>  Type I white/yellow available	approved 4 /29/2008
Advance Traffic Markings Raeleen Lucas 5182 Katella Ave. #104-B Los Alamitos CA 90720 lucasco@ralucasco.com	Phone: (562) 799-6160 Cell: (714) 397-4428 Fax: (562) 799-6150  www.ralucasco.com	<b>Series 400</b>  Type I white/yellow available	approved 4 /29/2008
Brite Line Technologies Shea Durkin 10660 E. 51st Ave. Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557  www.brite-line.com	<b>Series 100</b>  Type I white/yellow available	approved 10/10/2007
Brite Line Technologies Shea Durkin 10660 E. 51st Ave. Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557  www.brite-line.com	<b>Series 200</b>  Type I white/yellow available	approved 10/10/2007
Brite Line Technologies Shea Durkin 10660 E. 51st Ave. Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557  www.brite-line.com	<b>Series Deltaline TWR</b>  Type I white/yellow available	approved 10/10/2007
Swarco Industries / Traffic Mgt Mark Colombo 270 Rutherford Lane / PO Box 89 Columbia TN 38401 mark.colombo@swarco.com	Phone: (931) 560-4158 Cell: (314) 221-7833 Fax: (314) 729-1797  www.swarco.com	<b>Series Director 35</b>  Type I white/yellow available	approved 2 /17/2004

**732.03.01 PAVEMENT MARKING TAPE (TYPE I)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Swarco Industries / Traffic Mgt Mark Colombo 270 Rutherford Lane / PO Box 89 Columbia TN 38401 mark.colombo@swarco.com	Phone: (931) 560-4158 Cell: (314) 221-7833 Fax: (314) 729-1797  www.swarco.com	<b>Series Director 60</b> Type I white/yellow available  approved 2 /17/2004

**732.03.02 PAVEMENT MARKING TAPE (TYPE II)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Advance Traffic Markings Raeleen Lucas 5182 Katella Ave. #104-B Los Alamitos CA 90720 lucasco@ralucasco.com	Phone: (562) 799-6160 Cell: (714) 397-4428 Fax: (562) 799-6150  www.ralucasco.com	<b>Series 300</b> Type II white/yellow available  approved 4 /29/2008

Advance Traffic Markings Raeleen Lucas 5182 Katella Ave. #104-B Los Alamitos CA 90720 lucasco@ralucasco.com	Phone: (562) 799-6160 Cell: (714) 397-4428 Fax: (562) 799-6150  www.ralucasco.com	<b>Series 400</b> Type II white/yellow available  approved 4 /29/2008
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Brite Line Technologies Shea Durkin 10660 E. 51st Ave. Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557  www.brite-line.com	<b>Series 900</b> Type II white/yellow available  approved 2 /2 /2010
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Brite Line Technologies Shea Durkin 10660 E. 51st Ave. Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557  www.brite-line.com	<b>Series Deltaline XRP</b> Type II white/yellow available  approved 2 /2 /2010
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Swarco Industries / Traffic Mgt Mark Colombo 270 Rutherford Lane / PO Box 89 Columbia TN 38401 mark.colombo@swarco.com	Phone: (931) 560-4158 Cell: (314) 221-7833 Fax: (314) 729-1797  www.swarco.com	<b>Series Director 35</b> Type II white/yellow available  approved 2 /17/2004
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**732.03.03 PAVEMENT MARKING TAPE (TYPE IV)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>Series 270</b> Type IV IES is a standard high performance optic WR ES is a standard high performance, wet reflective optics  approved 5 /6 /2011



**732.03.03 PAVEMENT MARKING TAPE (TYPE IV)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>Series 380IES 380AW</b> Series Type IV IES is a standard high performance optic WR ES is a standard high performance, wet reflective optics	approved 5 /6 /2011
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435  www.3M.com/tcm	<b>Series 390</b> Type IV IES is a standard high performance optic WR ES is a standard high performance, wet reflective optics	approved 5 /6 /2011
Advance Traffic Markings Raeleen Lucas 5182 Katella Ave. #104-B Los Alamitos CA 90720 lucasco@ralucasco.com	Phone: (562) 799-6160 Cell: (714) 397-4428 Fax: (562) 799-6150  www.ralucasco.com	<b>Series 300</b> Type IV white/yellow available	approved 10/19/2012
Advance Traffic Markings Raeleen Lucas 5182 Katella Ave. #104-B Los Alamitos CA 90720 lucasco@ralucasco.com	Phone: (562) 799-6160 Cell: (714) 397-4428 Fax: (562) 799-6150  www.ralucasco.com	<b>Series 400</b> Type IV	approved 4 /29/2008
Brite Line Technologies Shea Durkin 10660 E. 51st Ave. Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557  www.brite-line.com	<b>Series Deltaline XRP</b> Type IV	approved 2 /2 /2010

**732.03.04a PAVEMENT MARKINGS (HOT APPLIED THERMOPLASTIC)**

<b>Vendor Name / Address</b>	<b>Product Name</b>	<b>Remarks</b>	
Crown Technology, LLC Jeannie Elliott 35 Industrial Park Drive Woodbury GA 30293 jelliott@crownthermo.com	Phone: (706) 553-9500 Cell: (800) 457-6267 Fax: (866) 553-9501  www.crownthermo.com	<b>Ecotherm Yellow Alkyd</b> Yellow Only	approved 10/23/2013
Crown Technology, LLC Jeannie Elliott 35 Industrial Park Drive Woodbury GA 30293 jelliott@crownthermo.com	Phone: (800) 457-6267 Cell: (706) 553-9500 Fax: (706) 553-9501  www.crownthermo.com	<b>Tuffline Alkyd</b> Lead free	approved 10/14/2004
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  https://www.ennisflintamericas.com/	<b>W: 885555 Alkyd Thermoplastic Y: 884685 Alkyd</b> Lead free W = White; Y = Yellow	approved 9 /30/2009

**732.03.04a PAVEMENT MARKINGS (HOT APPLIED THERMOPLASTIC)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@ozarkmaterials.net	Phone: (334) 213-2995 Cell: Fax: (334) 213-2996  www.ozarkmaterials.net	<b>Accel Thermoplastic</b> White and yellow.    approved 3 /27/2019

Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@ozarkmaterials.net	Phone: (334) 213-2995 Cell: Fax: (334) 213-2996  www.ozarkmaterials.net	<b>Thermoplastic</b> White and yellow.    approved 3 /27/2019
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**732.03.04b PAVEMENT MARKINGS (PREFORMED THERMOPLASTIC)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Crown Technology, LLC Jeannie Elliott 35 Industrial Park Drive Woodbury GA 30293 jelliott@crownthermo.com	Phone: (800) 457-6267 Cell: (706) 553-9500 Fax: (706) 553-9501  www.crownthermo.com	<b>Tuff-Mark</b> Select 125-mil thickness.    approved 7 /22/2019

Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  <a href="https://www.ennisflintamericas.com/">https://www.ennisflintamericas.com/</a>	<b>HotTape</b> Select 125-mil thickness.    approved 5 /3 /2001
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Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900  <a href="https://www.ennisflintamericas.com/">https://www.ennisflintamericas.com/</a>	<b>PreMark</b> Select 125-mil thickness. Product name shortened to PreMark.    approved 5 /3 /2001
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Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (336) 477-8363 Cell: (800) 311-8118 Fax: (336) 475-7900  <a href="http://www.ennisflintamericas.com">http://www.ennisflintamericas.com</a>	<b>PreMarkXF</b> Select 125-mil thickness.    approved 9 /17/2019
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Geveko Markings, Inc. Laura Clark 300 Brogdon Road, Ste. 180 Suwanee GA 30024 lclark@gevekomarkings.com	Phone: (770) 847-9410 Cell: Fax: (470) 226-3394  www.geveko-markings.us	<b>OPTAMARK</b> Select 125-mil thickness.    approved 12/20/2017
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Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@ozarkmaterials.net	Phone: (334) 213-2995 Cell: Fax: (334) 213-2996  www.ozarkmaterials.net	<b>Prefomed Thermoplastic</b> select 125-mil thickness.    approved 12/17/2018
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**732.03.04b PAVEMENT MARKINGS (PERFORMED THERMOPLASTIC)**

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Swarco Industries Matthew Conlee 270 Rutherford Ln Columbia TN 38401 matthew.conlee@swarco.com	Phone: (931) 981-0936 Cell: Fax: (931) 388-4039  www.swarco.com/americas	<b>Preformed Thermoplastic</b> Select 125-mil thickness.      approved 7 /2 /2018

**QPL NOTES  
December 31, 2019**

If specified in a contract’s Special Provisions under the “Notice to Contractors”, contractors are required to use that Qualified Products List (QPL). This dated QPL is distributed to the contractors along with contract documentation.

The QPL is maintained by the NDOT Research Section. Products will remain on the QPL as long as their performance is satisfactory and the product vendor/manufacturer complies with NDOT requirements. Poor performance in the field will result in suspension and/or removal at any time from the QPL, as per established NDOT product evaluation procedures. The NDOT Product Evaluation Coordinator must be notified of any modification of material, composition or configuration of a product or change in manufacturer’s name and address in a timely manner (defined as within 30 days). Failure to disclose this information may result in suspension of approval and/or removal from the QPL.

The evaluation of a product listed on the QPL does not constitute an endorsement by the Department nor does it imply a commitment to purchase, recommend, or specify the product in the future.

If you have any questions regarding QPL and/or product evaluation process, contact Sabra Gilbert -Young, Product Evaluation Coordinator, via e-mail at [sgilbert-young@dot.nv.gov](mailto:sgilbert-young@dot.nv.gov) or by telephone at (775) 888-7894.