



QUALIFIED PRODUCTS LIST

March 15, 2023



QUALIFIED PRODUCTS LIST (QPL)

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Archived Editions of the QPL:

Past editions of the NDOT QPL have been removed from the Research Section webpages. If you need to obtain one, please use the list of archived QPLs at the back of this document to identify the exact edition(s) you require. Send your request to the Product Evaluation Coordinator at sgilbert-young@dot.nv.gov.

QPL Category Notes:

- 497.02.04 *ADHESIVES FOR MULTILAYER OVERLAYS category acceptance criteria has been modified to allow consideration of completed NTPEP HFTO field testing under equivalent winter conditions.*
- 702.03.05 *POZZOLANS category acceptance criteria has been modified to now only require 1-gallon sample for verification testing.*

General Notices:

NDOT is currently seeking applications for product evaluation in the following QPL categories:

214.02.01	MAILBOX SUPPORT SYSTEMS
496.02.01	OVERLAY SYSTEM (POLYESTER)
497.02.04	ADHESIVES FOR MULTILAYER OVERLAYS
497.02.05	AGGREGATES FOR MULTILAYER OVERLAYS
502.02.04b	CONCRETE PAINT
613.02.01	DETECTABLE WARNINGS (ADA TILE)
623.02.016	DUCT SEALING COMPOUND
625.02.03	CHANGEABLE MESSAGE SIGNS
627.02.01	THERMOPLASTIC SIGN PANELS
646.02.04	SHEET MEMBRANE
646.02.05	LIQUID MEMBRANE

If you represent a product which meets the acceptance criteria for evaluation by NDOT, please consider submitting an application for product evaluation at <https://www.dot.nv.gov/doing-business/about-ndot/ndot-divisions/planning/research/product-evaluation>.

MASH Changes to QPL:

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 <https://www.dot.nv.gov/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 QPL products, please contact Tim Rudnick at 775-888-7598 or trudnick@dot.nv.gov.

NEVADA DEPARTMENT OF TRANSPORTATION

QUALIFIED PRODUCTS LIST (QPL)

213.02.17 BACKFLOW PREVENTER COVERS

Vendor Name / Address	Product Name	Remarks
Strongbox, LLC Michael Williams 2320 Meyers Ave. Escondido CA 92029 mwilliams@strongbox.com	Phone: (562) 480-7553 Cell: Fax: (760) 480-0211 www.strongbox.com	SBBC-60 ALHP approved 6/14/2006
Strongbox, LLC Michael Williams 2320 Meyers Ave. Escondido CA 92029 mwilliams@strongbox.com	Phone: (562) 480-7553 Cell: Fax: (760) 480-0211 www.strongbox.com	SBBC-60 ALHP I 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	Super Slick Asphalt Release Agent Dilution rate is 10:1. Expires 12/1/24. NTPEP test on file ARA-2019-04-002. approved 7/12/2006
BG Chemical Mike Blanco 2007 Industrial Blvd., Suite A Rockwall TX 75087 mblanco@bgchemical.com	Phone: (214) 826-6822 Cell: (832) 236-8018 Fax: (214) 826-7290 bgchemical.com	Loose Juice Dilution rate is 10:1. Expires 6/1/24. NTPEP test on file ARA-2019-02-010. approved 3/11/2021
BG Chemical LP Jeff Gunter 2007 Industrial Blvd., Suite A Rockwall TX 75087 jgunter@bgchemical.com	Phone: (800) 725-8470 Cell: (214) 826-6822 Fax: (214) 826-7290 www.bgchemical.com	GreenGuard Dilution rate is 10:1. Expires 12/1/21. NTPEP test on file ARA-2018-04-013. HAVE NOT RECEIVED UPDATED TESTING INFO. approved 11/5/2009
ChemStation of Nevada Mark Stipek 4430 Mitchell Street North Las Vegas NV 89081 mstipek@chemstation.com	Phone: (702) 771-3455 Cell: (702) 771-3455 Fax: (702) 360-6588 chemstation.com	41470C Dilution rate is 4:1. Expires 3/1/25. NTPEP test on file ARA-2020-01-020. approved 6/11/2020

401.03.02 ASPHALT RELEASE AGENTS

Vendor Name / Address	Product Name	Remarks	
Chemtek, Inc. Joshua Rigsbee P.O. Box 14481 Research Triangle NC 27709 Park sales@pavepro.com	Phone: (919) 724-5390 Cell: Fax:	BA-30 Ready to use. Expires 12/1/27. NTPEP test on file ARA-2022-01-009.	approved 12/14/2022
Chemtek, Inc. Kat Murray 3005 Carrington Mill Blvd. Morrisville NC 27560 kat.murray@chemtek.us	Phone: (800) 672-8536 Cell: Fax: www.chemtekinc.com	Product 357 (Tradenames: PavePro Blue/NoTrax) Ready to use. Expires 9/1/21. NTPEP test on file ARA-2018-03-003. HAVE NOT RECEIVED UPDATED TESTING INFO.	approved 4/1/2020
Lubrication Technologies, Inc. Scott Hommerding 900 Mendelssohn Ave. N Golden Valley MN 55427 scotthom@lubetech.com	Phone: (763) 746-1426 Cell: Fax: lubetech.com	Lube-Tech Endurance HD Asphalt Release Agent Dilution rate is 10:1. Expires 6/1/27. NTPEP test on file ARA-2022-01-004.	approved 9/19/2022
Meyer Laboratory, Inc. Gary Brandt 2401 NW Jefferson St. Blue Springs MO 64015 gbrandt@meyerlab.com	Phone: (816) 228-4433 Cell: Fax: (816) 229-4604 www.meyerlab.com	Avalanche 2022 Ready to use. Expires 3/1/27. NTPEP test on file ARA-2022-01-002.	approved 9/19/2022
Meyer Laboratory, Inc. Gary Brandt 2401 NW Jefferson St. Blue Springs MO 64015 gbrandt@meyerlab.com	Phone: (816) 228-4433 Cell: Fax: (816) 229-4604 www.meyerlab.com	Super Slider Ready to use. Expires 3/1/25. NTPEP test on file ARA-2020-01-017.	approved 3/11/2021
SoySolv Biosolvents, LLC Kyle Kure 4450 Hamilton Ave. Cleveland OH 44114 kyle.kure@soysolv.com	Phone: (440) 785-7090 Cell: Fax: www.soysolv.com	TackSolv Dilution rate is 30:1. Expires 3/1/26. NTPEP test on file ARA-2021-01-001.	approved 6/15/2022
Zep, Inc. Allen Popham 70 Riverside Drive SW Cartersville GA 30120 charles.popham@zep.com	Phone: (678) 721-4101 Cell: (770) 547-1431 Fax: (770) 386-3391 www.asphaltrelease.com	BMF Dilution rate is 3:1. Expires 3/1/27. NTPEP test on file ARA-2021-01-010. Product was previously under Compound Technologies, Inc.	approved 6/15/2016

406.02.01 PRIME COAT MATERIAL

Vendor Name / Address	Product Name	Remarks	
Centennial Asphalt Co. Edgard Hitti 1201 China Grade Loop Bakersfield CA 93388 edgard.hitti@gcinc.com	Phone: (661) 591-6900 Cell: Fax:	Topein-S 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.	approved 9/11/2012

406.02.01 PRIME COAT MATERIAL

Vendor Name / Address	Product Name	Remarks	
Enviroad, LLC Andy Clayton 2601 N. Newark Street Portland OR 97217 andy@enviroad.com	Phone: (503) 279-2605 Cell: (760) 317-7146 Fax: (503) 279-2621 www.enviroad.com	Earthbind Prime (aka EB-Prime) Application rate of 0.50 gal/sq yd at a dilution ratio of 4:1 or 0.60 gal/sq yd at a diution ratio of 5:1.	approved 6 /15/2022
Ergon Asphalt & Emulsions, Inc. Mo Rahman 3901 W. Ponderosa Way Las Vegas NV 89118-3018 mo.rahman@ergon.com	Phone: (480) 505-8079 Cell: (480) 252-4602 Fax:	ePrime Typ. sent ready to use. Appl. rates: 0.20 gal/yd2 Prime Coat; 0.15 gal/yd2 Curing Seal. If shipped as concentrate, dilute 1 part concentrate to 2 parts water. Prior to dilution, concentrate shall have a minimum 57% residue when tested to Nev. T759.	approved 9 /11/2012
Southwest Liquid Asphalt & Emulsions Gene Chrisenbery 3750 N. Bruce Street North Las Vegas NV 89030 gene.swa@outlook.com	Phone: (435) 659-1984 Cell: Fax:	Asphalt Emulsion Prime (AEP) approved for a standard application rate of 0.25 gal per square yard.	approved 7 /22/2019

408.02.05 ALL WEATHER ASPHALT COLD PATCH

Vendor Name / Address	Product Name	Remarks	
Cold Mix Manufacturing Corporation Dario Amicucci 65 Edison Avenue Mount Vernon NY 10550 info@greenpatch.com	Phone: (718) 463-1444 Cell: (718) 463-1444 Fax: (718) 463-0292 www.greenpatch.com	GreenPatch	approved 9 /19/2022
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	HP All Season Cold Patch PN 34977ER	approved 10/13/2011
Perma-Patch, LLC Eric Osterchrist 6123 Oakleaf Ave. Baltimore MD 21515 eric@permapatch.com	Phone: (800) 847-5744 Cell: (719) 231-2475 Fax: (410) 764-7137 www.permapatch.com	Perma-Patch	approved 1 /11/2022
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	Bond-X Green High Performance Cold Mix	approved 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	Seaboard Bond-X High Performance Cold Mix	approved 10/13/2011

408.02.05 ALL WEATHER ASPHALT COLD PATCH

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
SpecChem Mike LeMark 1511 Baltimore Ave. Kansas City MO 64108 mlemark@specchemllc.com	Phone: (816) 986-5600 Cell: (562) 489-9607 Fax: (816) 561-4029 specchemllc.com	Max-A-Patch ACP approved 12/3 /2020
The EZ Street Company Tom Francione 13611 S. Dixie Hwy., Ste. 430 Miami FL 33176 tom@ez.st	Phone: (305) 663-3090 Cell: Fax: (305) 663-0832 www.ezstreetasphalt.com	EZ Street Asphalt approved 9 /19/2022
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	QPR approved 9 /19/2022
Unique Paving Materials Corporation Frank "Skip" Rodick 3993 East 93rd Street Cleveland OH 44105 srodick@uniquepavingmaterials.com	Phone: (800) 441-4880 Cell: (216) 533-2230 Fax: (216) 341-8514 www.uniquepavingmaterials.com	UPM High Performance Cold Mix approved 10/13/2011

496.02.02 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	Atlas Tech-Deck 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	PPC-1121 approved 3 /13/2012

497.02.04 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	E-Bond 526 approved 8 /29/2009

497.02.04 ADHESIVES FOR MULTILAYER OVERLAYS

Vendor Name / Address	Product Name	Remarks
E-Chem, LLC Renee Thomas 4102 El Rey Road SE Albuquerque NM 87105 rthomas@atcepoxy.com	Phone: (505) 217-2121 Cell: (954) 789-4764 Fax: (505) 217-3721 www.e-chem.net	EPX50-OVERLAY FAST approved 12/17/2018
Kwik Bond Polymers Gregg Freeman 923 Teal Drive Benicia CA 94510 gregg@kwikbondpolymers.com	Phone: (720) 626-6643 Cell: (866) 434-1772 Fax: (707) 746-7981 www.kwikbondpolymers.com	KBP Epoxy LM approved 6/15/2022
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 http://www.kwikbondpolymers.com/	Kwik Bond PPC-HFST For use in high friction surface treatments (HFST). approved 9/21/2021
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	Phone: (654) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	Planiseal Traffic Coat approved 6/15/2022
Olin Poly-Carb Solmaz Pirouz 4005 Technology Drive, Suite 1500 Angleton TX 77515 spirouz@olin.com	Phone: (330) 748-6407 Cell: (979) 480-4607 Fax: https://olinpolycarb.com/	Poly-Carb Mark 163 Flexogrid 4/26/21 informed by vendor that this product is not being produced or sold in 2023. approved 8/29/2009

497.02.05 AGGREGATES FOR MULTILAYER OVERLAYS

Vendor Name / Address	Product Name	Remarks
Earth Work Solutions, LLC Shay Lundvall 2506 Little Powder River Road Gillette WY 82716 shay.lundvall@earthwork.us.com	Phone: (307) 682-4346 Cell: (307) 228-3050 Fax: earthwork.us.com	Traction Control calcined bauxite. Available in super sacks. approved 9/20/2021
Earthwork Solution, LLC Patrick Malfitano 5595 East Bijou Street Colorado Springs CO 80916 patrick@ewslag.com	Phone: (719) 492-0706 Cell: Fax: x	#8 EAF Steel Slag steel slag. Awaiting updated contact info. approved 9/20/2021
Great Lakes Minerals, LLC Georgia Eusner 1200 Port Road Wurtland KY 41144 georgia@glmin.com	Phone: (703) 989-4861 Cell: Fax: (606) 834-1106 greatlakesminerals.com	GRIPgrain Calcined bauxite. Company notes product is packaged in 4000# bulk bag and placed on a pallet with rain cap and shrink wrapping to ensure it stays dry. approved 9/20/2021

497.02.05 AGGREGATES FOR MULTILAYER OVERLAYS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Harsco Metals LLC Norm Winery x x x	Phone: (870) 763-6505 Cell: (870) 549-0395 Fax:	#8 EAF Steel Slag steel slag. Awaiting updated contact info.
Kwik Bond Polymers Gregg Freeman 923 Teal Drive Benicia CA 94510 gregg@kwikbondpolymers.com	Phone: (720) 626-6643 Cell: (866) 434-1772 Fax: http://kwikbondpolymers.com	KBP Calcined Bauxite calcined bauxite.
Newport Industries Ltd Head Office contact 20 Belmont Terrace, Chiswick W4 5UG London sales@newport-industries.com	Phone: (919) 522-8113 Cell: Fax: www.calcined-bauxite.com	Calcined Bauxite calcined bauxite. Tel: +44 208 742 0333, Fax: +44 208 742 0444. Awaiting updated contact info.
Schmidt Construction Tom Blair x x tblair@edwclevy.net	Phone: (248) 675-0103 Cell: (248) 766-3586 Fax:	#8 EAF Steel Slag steel slag. Awaiting updated contact info.
Washington Rock Quarries Inc. Dale Mortensen 21711 103rd Ave Ct E, Suite C302 Graham WA 98338 dale@wa-rock.com	Phone: (801) 884-3510 Cell: (253) 262-1661 Fax: (253) 262-1664 wa-rock.com	Basalt by Armorstone epoxy overlay aggregate. Available in super sacks.

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.

502.03.13b PREFORMED JOINT FILLERS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Chase Corporation Ben Shterengarts 201 Zeta Dr. Pittsburg PA 15238 bshterengarts@chasecorp.com	Phone: (412) 302-7996 Cell: (781) 332-0700 Fax: www.chasecorp.com	Phyzite 380

502.03.13b PREFORMED JOINT FILLERS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
EMSEAL Joint Systems, LTD Greg Rodgers 25 Bridle Lane Westborough MA 01581-1228 grodgers@emseal.com	Phone: (508) 599-3229 Cell: (508) 836-0280 Fax: www.emseal.com	BEJS (Bridge Expansion Joint System) approved 7 /22/2019
EMSEAL Joint Systems, LTD Greg Rodgers 25 Bridle Lane Westborough MA 01581 grodgers@emseal.com	Phone: (508) 836-0280 Cell: Fax: (508) 836-0281 www.emseal.com/bridge	EMV-Seal approved 9 /20/2021
MasterSpec Materials, LLC Luisa Flores 806 Buchanan Blvd, Ste 115-294 Boulder City NV 89005 info@masterspecmaterials.com	Phone: (702) 997-8838 Cell: (505) 974-0421 Fax: www.masterspecmaterials.com	RiteSeal Preformed Joint Seal approved 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	Ply-Seal telephone ext. 332 approved 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	Ply-Seal XE Beige telephone ext. 332 approved 3 /28/2011
RJ Watson Incorporated Tammy Gilbert 11035 Walden Alden NY 14004 tgilbert@rjwatson.com	Phone: (716) 901-7020 Cell: (716) 864-9122 Fax: (716) 901-7015 www.rjwatson.com	Silicoflex approved 12/7 /2000
Sunshine Industrial, Inc. Mack Hahn P.O. Box 3734 Olathe KS 66063 mackh.sunshine@yahoo.com	Phone: (816) 820-0035 Cell: (816) 820-0035 Fax: (913) 362-6341 sunshineindustrial.com	Polytite N approved 5 /7 /2015
TechStar Incorporated Steve Brown 1219 West Main Cross Street Findlay OH 45840 steve@techstar-inc.com	Phone: (419) 424-0888 Cell: (419) 408-5469 Fax: (419) 424-5959 www.techstar-inc.com	W Seal approved 4 /19/1999

502.03.13b PREFORMED JOINT FILLERS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
The DS Brown Company Brent Toller 300 East Cherry Street North Baltimore OH 45872 brent.toller@dsbrown.com	Phone: (419) 257-3561 Cell: (801) 837-8555 Fax: www.dsbrown.com	J Series Sealing System approved 3/15/2023
Watson Bowman Acme Chris Smyth 95 Pineview Drive Amherst NY 14228 chris.smyth@watsonbowmanacme.com	Phone: (716) 544-4620 Cell: (716) 817-5410 Fax: (716) 691-9239 www.wbacorp.com	JEENE Structural & Sealing Jt approved 8/2/2006
Watson Bowman Acme Chris Smyth 95 Pineview Drive Amherst NY 14228 chris.smyth@watsonbowmanacme.com	Phone: (716) 544-4620 Cell: (716) 817-5410 Fax: (716) 691-9239 www.wbacorp.com	Wabo Evazote UV approved 8/2/2006
Watson Bowman Acme Chris Smyth 95 Pineview Drive Amherst NY 14228 chris.smyth@watsonbowmanacme.com	Phone: (716) 544-4620 Cell: Fax: (716) 691-9239 www.wbacorp.com	Wabo FS Bridge Seal approved 12/31/2019
Watson Bowman Acme Chris Smyth 95 Pineview Drive Amherst NY 14228 chris.smyth@watsonbowmanacme.com	Phone: (716) 544-4620 Cell: Fax: (716) 691-9239 www.wbacorp.com	Wabo SPS Joint System approved 7/22/2019

502.03.13c ASPHALTIC PLUG EXPANSION JOINTS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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	Matrix 502 DS Brown approved 6/5/1997
Watson Bowman Acme Chris Smyth 95 Pineview Drive Amherst NY 14228 chris.smyth@watsonbowmanacme.com	Phone: (716) 544-4620 Cell: Fax: (716) 691-9239 www.wbacorp.com	Wabo Expandex approved 12/5/2011

502.03.13d EXPANSION JOINT SEALANT

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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502.03.13d EXPANSION JOINT SEALANT

Vendor Name / Address	Product Name	Remarks
Sika Corporation Don Edwards 201 Polito Avenue Lyndhurst NJ 07071 edwards.don@us.sika.com	Phone: (201) 933-8800 Cell: (816) 372-3599 Fax: usa.sika.com	Sikasil 728 RCS approved 10/15/2014
The Dow Chemical Company Jason Sika 12081 West Alameda Parkway #421 Lakewood CO 80228 jason.sika@dow.com	Phone: (989) 496-3833 Cell: (303) 880-9614 Fax: www.dow.com	DOWSIL 890-SL Silicone Sealant approved 4 /22/2002
The Dow Chemical Company Jason Sika 12081 West Alameda Parkway #421 Lakewood CO 80228 jason.sika@dow.com	Phone: (989) 496-3833 Cell: (303) 880-9614 Fax: www.dow.com	DOWSIL 902 RCS Joint Sealant approved 4 /22/2002
Watson Bowman Acme Chris Smyth 95 Pineview Drive Amherst NY 14228 chris.smyth@watsonbowmanacme.com	Phone: (716) 544-4620 Cell: (716) 308-6799 Fax: (716) 691-9239 www.wbacorp.com	Wabo Silicone Seal Two part sealant approved 8 /2 /2006

502.03.13e EXPANSION JOINT (SPECIAL)

Vendor Name / Address	Product Name	Remarks
Chase Corporation Ben Shterengarts 201 Zeta Dr. Pittsburg PA 15238 bshterengarts@chasecorp.com	Phone: (412) 302-7996 Cell: (781) 332-0700 Fax: www.chasecorp.com	CEVA Expansion Joint System approved 1 /31/2023
Silicone Specialties Incorporated Eric Larson PO Box 50009 Tulsa OK 74150 eric.larson@ssicm.com	Phone: (800) 888-8909 Cell: (713) 874-7017 Fax: (918) 582-7510 www.ssicm.com	Dow 902 XJS Joint System 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)

Vendor Name / Address	Product Name	Remarks
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	Tammscoat Fine approved 1 /1 /2006

502.03.19 FINE SURFACE FINISH (BONDED GROUT)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Textured Coatings of America Bill Borchert PO Box 9235 Santa Rosa CA 95405 specwestreps@aol.com	Phone: (510) 206-8030 Cell: Fax: www.texcote.com	TexCote 300 Bridge Cote 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: www.texcote.com	TexCote XL70 Bridge Cote approved 6 /16/2008
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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	Crafco Asphalt Rubber Type 1, 2 or 4 depends on the climate zone approved 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	Deery 180 Type 1, 2 or 4 depends on the climate zone approved 6 /6 /2013
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FPT Infrastructure Stacey Cleary 401 Old US 52 South Mount Airy NC 27030 stacey.cleary@FPTInfrastructure.com	Phone: (336) 466-9559 Cell: (336) 789-7259 Fax: https://www.fptinfrastructure.com/	Greyseal 6690 approved 3 /15/2023
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Henry Company Dean Yake 336 Coldstream Road Kimberton PA 19442 dyake@henry.com	Phone: (228) 239-3568 Cell: (610) 933-8888 Fax: www.henry.com	Calseal Type 1, 2 or 4 depends on the climate zone approved 9 /8 /1998
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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	Elastoflex 650 Type 1, 2 or 4 depends on the climate zone approved 9 /30/1996
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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	Elastoflex 670 Type 1, 2 or 4 depends on the climate zone approved 9 /30/1996
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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>
The Quikrete Companies DBA QPR Susan Holder 7322 Bonnyshire Dr. Chattanooga TN 37416 susan.holder@quikrete.com	Phone: (423) 553-6877 Cell: (901) 317-5243 Fax: www.qprusa.com	NxGen approved 12/31/2019

505.02.01 EPOXY COATINGS (FOR STEEL REINFORCING BARS)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Electrical Markets Division Jennifer Pratt 13011 McCallen Pass, Bldg. C Austin TX 78753 jkpratt@mmm.com	Phone: (737) 259-0765 Cell: (979) 215-4571 Fax: www.3m.com/corrosion	Scotchkote 413 Fusion Bonded Epoxy Powder Coating Fusion Bonded Epoxy Coating 413 - AASHTO M284 / ASTM A775 approved 10/10/2011

Akzo Nobel Lynette Drumm 20 Culvert Street Nashville TN 37210 lynette.drumm@akzonobel.com	Phone: (615) 259-2430 Cell: (248) 245-2667 Fax: (615) 255-7903 www.akzonobel.com	Resicoat RB600 HKF30R approved 4 /30/2008
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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	PureFlex Green, ERSS33252 approved 9 /24/2018
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The Sherwin-Williams Company Anthony Del Percio 1101 South 3rd Street Minneapolis MN 55415 anthony.delpercio@sherwin.com	Phone: (612) 375-7842 Cell: (612) 859-1151 Fax: www.sherwin-williams.com	Greenbar approved 4 /4 /2000
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The Sherwin-Williams Company Anthony Del Percio 1101 South 3rd Street Minneapolis MN 55415 anthony.delpercio@sherwin.com	Phone: (612) 375-7842 Cell: (612) 859-1151 Fax: www.sherwin-williams.com	Vectrashield approved 3 /28/2017
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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	A-67 Interceptor 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

Vendor Name / Address	Product Name	Remarks
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	MHD (8", 12", 18", and 24" Trench Drain Systems). 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	Polydrain 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	XHD (8", 12", and 18"). This is a general QPL ONLY; the unit will be selected based on the specific project requirements. approved 1/17/2003
Multidrain Systems Incorporated Steve Born PO Box 7107 Statesville NC 28687 steve.born@multidrainsystems.com	Phone: (800) 433-1119 Cell: (704) 881-4064 Fax: (704) 508-1011 www.multidrainsystems.com	EconoDrain 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 7107 Statesville NC 28687 steve.born@multidrainsystems.com	Phone: (800) 433-1119 Cell: (704) 881-4064 Fax: (704) 508-1011 www.multidrainsystems.com	MultiDrain This is a general QPL ONLY; the unit will be selected based on the specific project requirements. approved 4/6/2004

609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

Vendor Name / Address	Product Name	Remarks
Aquafin Alexander Gugliotta 505 Blue Ball Road, Suite 160 Elkton MD 21921 agugliotta@aquafin.net	Phone: (410) 920-9395 Cell: (410) 392-2300 Fax: https://www.aquafin.net/us/en	Aquafin Pavemend SL 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 9/20/2021
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	Transportation Repair Mortar (TRM) 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	Atlas Pro-1 Patch 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

609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

Vendor Name / Address	Product Name	Remarks	
Buzzi Unicem USA Incorporated William Krupa 100 Brodhead Road Suite 230 Bethlehem PA 18017 william.krupa@buzziunicemusa.com	Phone: (610) 882-4013 Cell: (610) 882-5013 Fax: (610) 868-8795 www.buzziunicemusa.com	Ulti Pave3 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	Phone: (610) 882-4013 Cell: (610) 882-5013 Fax: (610) 868-8795 www.buzziunicemusa.com	UltiGrout 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	Phone: (610) 882-4013 Cell: (610) 882-5013 Fax: (610) 868-8795 www.buzziunicemusa.com	Utility Fill One Step 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
CTS Cement Manufacturing Corp Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	Phone: (800) 929-3030 Cell: (626) 833-8838 Fax: (714) 379-8270 www.ctscement.com	Rapid Set Cement All 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	Phone: (800) 929-3030 Cell: (626) 833-8838 Fax: (714) 379-8270 www.ctscement.com	Rapid Set Concrete Mix 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	Phone: (800) 929-3030 Cell: (626) 833-8838 Fax: (714) 379-8270 www.ctscement.com	Rapid Set DOT Repair Mix 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	Phone: (800) 929-3030 Cell: (626) 833-8838 Fax: (714) 379-8270 www.ctscement.com	Rapid Set Motar Mix 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 Corporation Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	Phone: (800) 929-3030 Cell: (626) 833-8838 Fax: (714) 379-8270 www.ctscement.com	Rapid Set Mortar Mix Plus 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

609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

Vendor Name / Address	Product Name	Remarks
Dayton Superior Corporation Sarah Clark 1125 Byers Rd. Miamisburg OH 45342 sarahclark@daytonsuperior.com	Dayton Superior HD-50 Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 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. 44376. approved 9/30/1996
Euclid Chemical Company Brian Lewis 19215 Redwood Rd. Cleveland OH 44110 blewis@euclidchemical.com	EucoRepair SCC Fast Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 513-9399 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. Class R2 Mortar. Approved for all Districts. approved 9/20/2021
Euclid Chemical Company Brian Lewis 19215 Redwood Rd. Cleveland OH 44110 blewis@euclidchemical.com	EucoRepair V100 Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 513-9399 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. Class R2 Mortar. Approved for all Districts. approved 9/20/2021
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	EucoSpeed 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 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	EucoSpeed MP 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 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Express Repair 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 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Hi-Flow Grout 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 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	VersaSpeed 100 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. Class R3 Mortar. Approved for all Districts. approved 9/20/2021

609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

Vendor Name / Address	Product Name	Remarks	
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	Versaspeed LS100 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 R2 Mortar. Approved for all Districts.	approved 9/20/2021
Five Star Products Inc. Ryan Taylor 60 Parrott Drive Shelton CT 06484 taylorr@fivestarpromts.com	Phone: (800) 243-2206 Cell: (203) 336-7900 Fax: (203) 336-7930 www.fivestarpromts.com	Highway Patch 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@fivestarpromts.com	Phone: (800) 243-2206 Cell: (203) 336-7900 Fax: (203) 336-7930 www.fivestarpromts.com	Structural Concrete 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 Dylan Bryant 1702 Kimberly Park Drive Dalton GA 30720 dylan.bryant@hbfuller.com	Phone: (706) 459-3362 Cell: Fax: www.prospec.com	ProSpec BlendCrete 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 Dylan Bryant 1702 Kimberly Park Drive Dalton GA 30720 dylan.bryant@hbfuller.com	Phone: (706) 459-3362 Cell: Fax: www.prospec.com	ProSpec Premium Patch 200 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 Matt Yetka 2735 Paint Drive Auburn CA 95603 matthew.yetka@henkel.com	Phone: Cell: (209) 482-4488 Fax: www.loctite.com	Loctite PC9410 MagnaCrete 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 10/17/2008
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	Planigrout 712 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	Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	Planitop 18 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

609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

Vendor Name / Address	Product Name	Remarks
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	Planitop 18 ES 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	Planitop 18 TG 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 /24/2018
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	Planitop X 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	Planitop XS 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
Master Builders Solutions Construction Systems Mark Aument 889 Valley Park Drive Shakopee MN 55379 mark.aument@mbcc-group.com	Master Emaco S466 CI Phone: (952) 403-6547 Cell: (952) 250-1787 Fax: (952) 496-6067 https://www.master-builders-solutions.co	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
Master Builders Solutions Construction Systems Mark Aument 889 Valley Park Drive Shakopee MN 55379 mark.aument@mbcc-group.com	Master Emaco T10-60 Phone: (952) 403-6547 Cell: (952) 250-1787 Fax: (952) 496-6067 https://www.master-builders-solutions.co	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
Master Builders Solutions Construction Systems Mark Aument 889 Valley Park Drive Shakopee MN 55379 mark.aument@mbcc-group.com	Master Emaco T545 DOT Phone: (952) 403-6547 Cell: (952) 250-1787 Fax: (952) 496-6067 https://www.master-builders-solutions.co	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
MasterSpec Materials, LLC Luisa Flores 806 Buchanan Blvd, Ste 115-294 Boulder City NV 89005 info@masterspecmaterials.com	RiteCrete Phone: (702) 997-8838 Cell: (505) 974-0421 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

609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Phoscrete Corporation Brian Mintz 1800 NW 15th Ave., Ste. 130 Pompano Beach FL 33069 brian.mintz@phoscrete.com	Phoscrete HC Phone: (561) 420-0595 Cell: (727) 944-4368 Fax: (561) 420-0599 www.phoscrete.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.719. approved 3/24/2017
Sika Corporation Don Edwards 201 Polito Avenue Lyndhurst NJ 07071 edwards.don@us.sika.com	Sikacrete 321FS Phone: (201) 933-8800 Cell: (816) 372-3599 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 Don Edwards 201 Polito Avenue Lyndhurst NJ 07071 edwards.don@us.sika.com	Sikaquick 2500 Phone: (201) 933-8800 Cell: (816) 372-3599 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
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	RPS-263 Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.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 9/19/2022
SpecChem Michael Lemark 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 mlemark@specchemllc.com	RepCon 928 Phone: (816) 968-5600 Cell: (562) 489-9607 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
The QUIKRETE Companies, LLC Dave Wingard 500 Marathon Parkway Lawrenceville GA 30046 dave.wingard@quikrete.com	QUIKRETE Comm. Grade FastSet Repair Mortar 1241 Phone: (404) 926-3128 Cell: (800) 282-5828 Fax: (770) 237-2548 www.quikrete.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 R2 Mortar. Approved for all Districts. approved 12/10/2020
The QUIKRETE Companies, LLC Dave Wingard 500 Marathon Parkway Lawrenceville GA 30046 dave.wingard@quikrete.com	QUIKRETE Commerical Grade FastSet DOT Mix 1244-56 Phone: (404) 926-3128 Cell: (800) 282-5828 Fax: (770) 237-2548 www.quikrete.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 12/10/2020
US Concrete Products Thomas Brennan 16 Greenmeadow Drive Timonium MD 21093 tjbrennan@uscproducts.com	HP Concrete 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

609.02.01 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

Vendor Name / Address	Product Name	Remarks	
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	US SPEC Quickset 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 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	US SPEC SC Concrete 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 Concrete. Approved for all Districts.	approved 9/20/2021
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	US SPEC STR Mortar CI 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
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	US SPEC Transpatch 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 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	US SPEC Transpatch Concrete 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
W.R. Meadows Chris Mader 300 Industrial Dr. Hampshire IL 60140 dot@wrmeadows.com	Phone: (847) 214-2100 Cell: (224) 325-1080 Fax: www.wrmeadows.com	Futura-15-Very Rapid-Hardening Hztl. Repair Mortar 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 8/21/2008
Western Material & Design Zach Gebhardt 101 E Walnut Street Archie MO 64725 zgebhardt@wmdus.com	Phone: (816) 380-4747 Cell: Fax: fastracproducts.com	FasTrac 246 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 3/11/2021

610.03.06 ARTICULATED CONCRETE BLOCK

Vendor Name / Address	Product Name	Remarks	
Basalite Concrete Products, LLC James Motarex 335 Greg Street Sparks NV 89431-6295 james.motarex@basalite.com	Phone: (775) 358-1200 Cell: (775) 745-1286 Fax: (775) 359-5997 www.basalite.com	UltraFlex This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 11/18/2009

610.03.06 ARTICULATED CONCRETE BLOCK

Vendor Name / Address	Product Name	Remarks	
CONTECH Daniel Priest 9100 Centre Pointe Drive Suite 400 West Chester OH 43069 dpriest@conteches.com	Armorflex Phone: (800) 338-1122 Cell: (513) 645-7000 Fax: www.conteches.com	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 10/23/2008
CONTECH Daniel Priest 9100 Centre Pointe Drive Suite 400 West Chester OH 43069 dpriest@conteches.com	Petraflex Phone: (800) 338-1122 Cell: (513) 645-7000 Fax: www.conteches.com	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 10/23/2008
Shoretec Cody Colvin 510 O'Neal Lane Ext Baton Rouge LA 70819 ccolvin@premier-concrete.com	Shoreblock Phone: (225) 273-9600 Cell: (225) 328-0545 Fax: (225) 273-0400 www.shoretec.com	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 3 /23/2009
Shoretec Cody Colvin 510 O'Neal Lane Ext Baton Rouge LA 70819 ccolvin@premier-concrete.com	Shoretac Phone: (225) 273-9600 Cell: (225) 328-0545 Fax: (225) 273-0400 www.shoretac.com	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 3 /23/2009
Soil Retention Products, Inc. Nick Jansson 1265 Carlsbad Village Dr., Suite 100 Carlsbad CA 92008 njansson@soilrentention.com	Enviroflex Phone: (760) 966-6090 Cell: Fax: (760) 966-6099 www.soilretention.com	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 8 /23/2011

613.02.01 DETECTABLE WARNINGS (ADA TILE)

Vendor Name / Address	Product Name	Remarks	
ADA Solutions, a Surewex Brand John Stieby 323 Andover Street Wilmington MA 01887 jstieby@surewex.com	Iron Dome Cast Iron Detectable Warning Plates Phone: (910) 695-5462 Cell: Fax: (978) 262-9125 adatile.com	Approved for cast iron in Patina (natural).	approved 3 /14/2022
Detectable Warning Systes, a div. of Mar- Bal, Inc. Ryan West 10095 Queens Way Chagrin Falls OH 44023 rwest@detectable-warning.com	DWS Cast Iron Phone: (440) 543-7526 Cell: (866) 999-7452 Fax: (904) 212-0022 www.detectable-warning.com	Approved for cast iron in Patina (natural).	approved 6 /15/2022
MetaDome, LLC Duane Sippola P.O. Box 7534 Madison WI 53707 ds@metadome.com	CAST-DWD Cast Iron Phone: (608) 249-8644 Cell: (608) 692-0837 Fax: (608) 249-8922 www.metadome.com	Approved for cast iron in Patina (natural).	approved 9 /20/2021

616.03.01 FENCE POST BAG MIX CONCRETE

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
The QUIKRETE Companies, LLC Dave Wingard 500 Marathon Parkway Lawrenceville GA 30046 dave.wingard@quikrete.com	Phone: (404) 926-3128 Cell: (800) 282-5828 Fax: (770) 237-2548 www.quikrete.com	Crack Resistant Concrete Mix approved 6 /22/2021
The QUIKRETE Companies, LLC Dave Wingard 500 Marathon Parkway Lawrenceville GA 30046 dave.wingard@quikrete.com	Phone: (404) 926-3128 Cell: (800) 282-5828 Fax: (770) 237-2548 www.quikrete.com	Fiber Reinforced Deck Mix approved 6 /22/2021
The QUIKRETE Companies, LLC Dave Wingard 500 Marathon Parkway Lawrenceville GA 30046 dave.wingard@quikrete.com	Phone: (404) 926-3128 Cell: (800) 282-5828 Fax: (770) 237-2548 www.quikrete.com	Form and Pour Concrete Mix MS approved 6 /22/2021
The QUIKRETE Companies, LLC Dave Wingard 500 Marathon Parkway Lawrenceville GA 30046 dave.wingard@quikrete.com	Phone: (404) 926-3128 Cell: (800) 282-5828 Fax: (770) 237-2548 www.quikrete.com	QUIKRETE 1101 CONCRETE MIX 80LB approved 6 /22/2021

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	Glue Laminated Wood For use on w-beam and thrie-beam guardrails approved 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	GB14SH1 Composite Guardrail Blockout 8". For use on Midwestern Guardrail installations. approved 12/17/2018
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: (740) 376-9396 Fax: (740) 376-9960 www.mondopolymer.com	GB14SH2 Composite Guardrail Block 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	MGS14SH Composite Guardrail Blockout 12". For use on Midwestern Guardrail installations. approved 3 /27/2019

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 Rt. 7 / PO Box 250 Reno OH 45773 maggie@mondopolymer.com	Phone: (888) 607-4790 Cell: (740) 376-9396 Fax: (740) 376-9960 www.mondopolymer.com	TB21SH Composite Guardrail Blockout	Usage permitted only when creating MGS transition or repairing existing three-beam.	approved 4 /1 /2020
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	12in King MASH16 Composite Block	12". For use on Midwestern Guardrail installations.	approved 12/20/2021
Valtir, LLC Chelsea Dunn 15601 Dallas Parkway, Suite 525 Addison TX 75001 chelsea.dunn@trin.net	Phone: (214) 589-8056 Cell: Fax: www.valtir.com	8in King MASH16 Composite Block	8". For use on Midwestern Guardrail installations.	approved 3 /11/2021

618.02.01a GUARDRAIL TERMINAL

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
Lindsay Transportation Solutions, LLC Larry Savage 18135 Burke Street, Suite 100 Omaha NE 68022 larry.savage@lindsay.com	Phone: (402) 829-6800 Cell: (916) 474-9644 Fax: (402) 829-6834 www.lindsay.com/infrastructure	MAX-Tension	TANGENTIAL; MASH TL-3	approved 3 /27/2019
Lindsay Transportation Solutions, LLC Larry Savage 18135 Burke Street, Suite 100 Omaha NE 68022 larry.savage@lindsay.com	Phone: (402) 829-6800 Cell: (916) 474-9644 Fax: (402) 829-6834 www.lindsay.com/infrastructure	MAX-Tension	MEDIAN; MASH TL-3	approved 3 /27/2019
Road Systems Incorporated Kaddo Kothmann 3616 Old Howard County Airport Road Big Spring TX 79720 kaddo@basin-net.net	Phone: (432) 263-2435 Cell: (432) 517-0697 Fax: (432) 267-4039 www.roadsystems.com	MSKT (MASH Sequentially Kinking Terminal)	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-net.net	Phone: (432) 263-2435 Cell: (432) 517-0697 Fax: (432) 267-4039 www.roadsystems.com	MFLEAT	FLARED; MASH TL-3	approved 9 /17/2019
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	MATT Median Attenuating TREND Terminal	MEDIAN; MASH TL-3	approved 9 /19/2022

618.02.01a GUARDRAIL TERMINAL

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	SoftStop TANGENTIAL; MASH, TL-3 Compliant approved 7/2/2018

619.02.01a GUIDEPOSTS (FLEXIBLE)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Carsonite Composites Cynthia Young 19845 US Highway 76 Newberry SC 29108 cindy.young@valmont.com	Phone: (800) 648-7916 Cell: (803) 940-1190 Fax: (803) 276-8940 www.carsonite.com	Flexguard Post System Type 2; standard surface and soil/ground mount options available approved 1/17/2013
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	FG 300 Complete Curb MASH TL-3; 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	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	FG 300 Model EFX 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	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	FG 300 Model PE 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	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	FG 300 Model UR Type 2; standard surface and soil/ground mount options available approved 10/15/1999
Pexco, LLC Craig Schulz 3110 70th Ave. East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com/traffic	Flexi-Guide FG 348 Ground Mount Type XI sheeting is required. approved 9/17/2020
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	TSM Series approved 8/3/2014

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 965 Hutto TX 78634 gary@shur-tite.com	Phone: (512) 218-9500 Cell: Fax: (512) 388-0417 www.shur-tite.com	Driveable Del	Type 2; standard surface and surface/soil mount options available approved 4 /30/2009
SHUR-TITE Products Gary Champ P.O. Box 965 Hutto TX 78634 gary@shur-tite.com	Phone: (512) 218-9500 Cell: Fax: (512) 388-0417 www.shur-tite.com	Shur-Flex Guardrail Clamp	Type 2; standard surface and surface/soil mount options available approved 4 /30/2009
SHUR-TITE Products Gary Champ P.O. Box 965 Hutto TX 78634 gary@shur-tite.com	Phone: (512) 218-9500 Cell: Fax: (512) 388-0417 www.shur-tite.com	Shur-Tite Cable Barrier	Type 2; standard surface and soil/ground mount options available approved 4 /30/2009
SHUR-TITE Products Gary Champ P.O. Box 965 Hutto TX 78634 gary@shur-tite.com	Phone: (512) 218-9500 Cell: Fax: (512) 388-0417 www.shur-tite.com	Socket Mt Del	Type 2; standard surface and surface/soil mount options available approved 4 /30/2009
SHUR-TITE Products Gary Champ P.O. Box 965 Hutto TX 78634 gary@shur-tite.com	Phone: (512) 218-9500 Cell: Fax: (512) 388-0417 www.shur-tite.com	Surface Mt Del	Type 2; standard surface and surface/soil mount options and angled mounts approved 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	TD 5500 Earthflex Del	Type 2; soil mount only approved 12/3 /2002
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	RT 360 HD BD Tub	Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available approved 10/5 /2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	RT 360 HD Tub	Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available approved 10/5 /2008

619.02.01a GUIDEPOSTS (FLEXIBLE)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	SH Barrier Replaceable Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available approved 10/5 /2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	SH Dura Post Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available approved 10/5 /2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	SH K-Marker Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available approved 10/5 /2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	SH Tubular Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available approved 10/5 /2008

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	FG 300 Complete Curb MASH TL-3; Type 2; standard surface and surface/soil mount options available approved 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	FG 300 Model PE Type 2; standard surface and surface/soil mount options available approved 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	FG 300 Model UR Type 2; standard surface and surface/soil mount options available approved 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	FG 300 Turn Pike Curb MASH TL-3; Type 2; standard surface and surface/soil mount options available approved 6 /19/2009

619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)

Vendor Name / Address	Product Name	Remarks	
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	Type K Island Marker Type 2; standard surface and surface/soil mount options available	approved 9/13/2007
SHUR-TITE Products Gary Champ P.O. Box 965 Hutto TX 78634 gary@shur-tite.com	Phone: (512) 218-9500 Cell: Fax: (512) 388-0417 www.shur-tite.com	Shur-Flex Driveable Type 2; standard surface and surface/soil mount options available	approved 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	TD 5215 K Marker Type 2; standard surface and surface/soil mount options available	approved 12/3/2002
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	RT 360 HD Bolt Down Type 2; standard surface and surface/soil mount options available; minimum embedment depth: 430 mm (17 inches)	approved 10/5/2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	RT 360 HD Tubular Type 2; standard surface and surface/soil mount options available; minimum embedment depth: 430 mm (17 inches)	approved 10/5/2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	SH Dura Post 36" Type 2; standard surface and surface/soil mount options available; minimum embedment depth: 430 mm (17 inches)	approved 10/5/2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	SH K-Marker Series Type 2; standard surface and soil/ground mount options available	approved 10/5/2008
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	SH Replaceable Barrier Type 2; standard surface and surface/soil mount options available; minimum embedment depth: 430 mm (17 inches)	approved 10/5/2008

619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	SH Tubular	Type 2; standard surface and soil/ground mount options available	approved 10/5 /2008

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	Metered Service Pedestals		approved 1 /15/2002
Myers Power Products Diana Grootonk 2950 East Philadelphia Street Ontario CA 91761 quotes-PEDS@myerspower.com	Phone: (909) 923-1800 Cell: (949) 375-3399 Fax: (909) 923-1806 www.myerspowerproducts.com	Service Pedestals	+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	Tescoflex Service Pedestals		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 Daniel Thomas 700 East McLeroy Boulevard Suite A Saginaw TX 76179 dthomas@chmindustries.com	Phone: (682) 286-0046 Cell: (817) 586-9845 Fax: (682) 286-0086 www.chmindustries.com	Series 426	Ext. 2156. Bottom latching	approved 12/30/2003
Holophane Corporation Michele Janson 1839 Dutchman Drive Sparks NV 89434 michele.janson@acuitybrands.com	Phone: (775) 431-4390 Cell: Fax: www.holophane.com	Series Holophane LD5 Lighting Lowering D	Bottom latching	approved 1 /2 /2004
Stratus Products Bill Shoemaker 3900 Lubbock Avenue Fort Worth TX 76110 bill@s-steel.com	Phone: (817) 878-3141 Cell: (800) 782-5804 Fax: www.s-steel.com	Model 2060 with a lowering device	Bottom latching. Company is a division of Structural & Steel Products, Inc.	approved 12/20/2021

623.02.16 DUCT SEALING COMPOUND

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
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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	Duct Seal approved 10/7 /2009

623.02.30e LOOP DETECTOR SEALANT

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Automotive Aftermarket Division Rebecca Zappala 3M Center Bldg. 250-3E-02 St. Paul MN 55144 rzappala@mmm.com	Phone: (651) 736-6952 Cell: Fax: www.3mcollision.com	5000 Rubberized Loop Rubberized asphalt material approved 6 /16/2000

3M Automotive Aftermarket Division Rebecca Zappala 3M Center Bldg. 250-3E-02 St. Paul MN 55144 rzappala@mmm.com	Phone: (651) 736-6952 Cell: Fax: www.3mcollision.com	P/N 606 Detector Loop Rubberized asphalt material approved 6 /16/2000
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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	271 Loop Detector Rubberized asphalt material approved 8 /5 /1998
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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	272 Loop Detector Rubberized asphalt material approved 8 /5 /1998
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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	Stat-a-Flex Polyester Loop Polyester material approved 11/19/1996
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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	Perm Sealer 974 Nitrile Nitrile rubber material approved 12/19/1996
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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	Pro Seal 6006 Polyester Polyester material approved 12/19/1996
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623.02.30e LOOP DETECTOR SEALANT

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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	Overkote Loop Filler Asphaltic emulsion material approved 8 /5 /1998

623.02.37 DYNAMIC MESSAGE SIGNS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Daktronics Incorporated Kyle Niemeyer 201 Daktronics Dr. Brookings SD 57006 kyle.niemeyer@daktronics.com	Phone: (605) 692-0200 Cell: (970) 413-4978 Fax: (605) 697-4700 www.daktronics.com	Dynamic Message Signs Type 1 and Type 2 approved 1 /7 /2004
SES America, Inc. Chad Bodemann 720 Washington St. Pembroke MA 02359 cbodemann@sunrisesesatech.com	Phone: (781) 826-9706 Cell: (781) 857-8819 Fax: www.sunrisesesatech.com	Dynamic Message Signs Type 1 and Type 2 approved 6 /11/2020

623.03.01 TRAFFIC SIGNALS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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	GTx LED Signal Modules approved 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	LED 12" Signal Heads (all) 16"x18" Ped Signal Hea Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications approved 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	LED Traffic Signal 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 VTCSH-LED or PTCSI-LED specifications. approved 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	Pedestrian Traffic Signal 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 VTCSH-LED or PTCSI-LED specifications. approved 6 /17/2008

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: (408) 380-1788 Cell: (903) 399-8055 Fax: (408) 518-8128 www.leotek.com	LED 12" Signal Heads (all) 16"x18" Tinted Ped	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 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	TSL-12GA-IL6-A1-P3	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 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	TSL-12G-LX-IL6-A1-P3	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 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	TSL-12RA-IL6-A1-P3	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 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	TSL-12R-LX-IL6-A1-P3	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 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	TSL-12YA-IL6-A1-P3	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 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	TSL-12Y-LX-IL6-A1-P3	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 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) 935-8055 Fax: (408) 518-8128 www.leotek.com	TSL-PED-16-DIL 16" LED FH/MP Indication	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 4 /6 /2010

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@liteon.com	Phone: (408) 380-1788 Cell: (903) 935-8055 Fax: (408) 518-8128 https://leotek.com/	TSL-PED-16-SPC-V1	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications. Replaced model TSL-PED-16-CIL-P1. approved 9 /30/2021
TraStar Incorporated Jennifer Murray 860 North Dorothy Drive Suite 600 Richardson TX 75081 jenniferm@trastarusa.com	Phone: (972) 480-0888 Cell: Fax: (972) 480-8884 www.trastarusa.com	JXC-300HFT Series LED Vehicular Lamps	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications approved 11/6 /2012
TraStar Incorporated Jennifer Murray 860 North Dorothy Drive Suite 600 Richardson TX 75081 jenniferm@trastarusa.com	Phone: (972) 480-0888 Cell: Fax: (972) 480-8884 www.trastarusa.com	JXJ300-07T	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications approved 11/6 /2012
TraStar Incorporated Jennifer Murray 860 North Dorothy Drive Suite 600 Richardson TX 75081 jenniferm@trastarusa.com	Phone: (972) 480-0888 Cell: Fax: (972) 480-8884 www.trastarusa.com	JXM 400 VIE Series Countdown Pedestrian Lamps	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	LT2000 SL120MOD	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 Iris Townsend PO Box 158 Shrewsbury PA 17361 iris@lumitrak.com	Phone: (717) 235-2863 Cell: (717) 818-8203 Fax: (717) 235-5076 www.lumitrak.com	Lumi Trak	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	Red Light Detector	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>
RetroFlex, LLC Terry Anest 6185 Element Lane Roseville CA 95747 tanest@retroflexllc.com	Phone: (916) 305-8687 Cell: (916) 305-8687 Fax: www.retroflexllc.com	RF3N1 RetroFlex Reflector approved 6 /11/2020
SHUR-TITE Products Gary Champ P.O. Box 965 Hutto TX 78634 gary@shur-tite.com	Phone: (512) 218-9500 Cell: Fax: www.shur-tite.com	Trafco CTB16 Concrete Barrier Wall Flex Delineator Do not use Type III sheeting approved 12/10/2020
SHUR-TITE Products Gary Champ P.O. Box 965 Hutto TX 78634 gary@shur-tite.com	Phone: (512) 218-9500 Cell: Fax: www.shur-tite.com	Trafco CTB3 Concrete Barrier Wall Flex Delineator Do not use Type III sheeting approved 12/10/2020
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	TD 9300 Roadguide 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	TD 9400 Roadguide approved 12/3 /2002

625.02.03 CHANGEABLE MESSAGE SIGNS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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

625.02.04 IMPACT ATTENUATOR (TEMPORARY)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Hill & Smith, Inc. Cecil Brown 987 Buckeye Park Road Columbus OH 43207 cecil.brown@hillandsmith.com	Phone: (614) 340-6294 Cell: Fax: www.hillandsmith.com	SCI100GM MASH TL-3. Install per manufacture recommendations. approved 2 /23/2007

625.02.04 IMPACT ATTENUATOR (TEMPORARY)

Vendor Name / Address	Product Name	Remarks
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.barriersystemsinc.com	ABSORB-M Non-Redirective Crash Cushion MASH TL-3; water filled. Install per manufacture recommendations. approved 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	Universal TAU-M MASH TL-3. Install per manufacture recommendations. approved 7/22/2019
Traffix Devices, Inc. Howard Tolliver 160 Avenida La Pata San Clemente CA 92673 htolliver@traffixdevices.com	Phone: (949) 361-5663 Cell: (859) 469-0364 Fax: see remarks	Delta Crash Cushion MASH TL-3; https://www.traffixdevices.com/products/attenuators/delta approved 12/20/2021
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	Sentry Longitudinal Energy Dissipater (SLED) MASH TL-3; water-filled. Install per manufacture recommendations. approved 4/9/2020
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	QuadGuard Elite M10 MASH TL-3; 24 and 69 inch widths approved; Install per manufacturer's recommendations. approved 3/11/2021
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	QuadGuard M Wide MASH TL-3; Install per manufacture recommendations. approved 3/11/2021
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	QuadGuard M10 MASH TL-3. Install per manufacture recommendations. approved 3/27/2019

625.02.05 IMPACT ATTENUATOR (TRUCK MOUNTED)

Vendor Name / Address	Product Name	Remarks
Gregory Industries, Inc. Rick Mauer 4100 13th Street SW Canton OH 44710 rmauer@gregoryhighway.com	Phone: (330) 477-4800 Cell: Fax: (330) 477-0626 www.gregoryhighway.com	TTMA-200 Trailer Truck Mounted Attenuator 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. approved 9/17/2019

625.02.05 IMPACT ATTENUATOR (TRUCK MOUNTED)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Traffix Devices, Inc. Cary W. LeMonds 2267 East Crimson Ridge Drive Saint George UT 84790 CLeMonds@TraffixDevices.com	Phone: (801) 979-7099 Cell: (949) 361-5663 Fax: (949) 573-9290 www.traffixdevices.com	Scorpion II TA	MASH TL-3, trailer-mounted approved 4 /1 /2020
Traffix Devices, Inc. Cary W. LeMonds 2267 East Crimson Ridge Drive Saint George UT 84790 CLeMonds@TraffixDevices.com	Phone: (801) 979-7099 Cell: (949) 361-5663 Fax: (949) 573-9290 www.traffixdevices.com	Scorpion II TMA	MASH TL-3 approved 1 /27/2019
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison NV 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	SMT	MASH TL-3, trailer mounted approved 9 /17/2020
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison NV 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	SS180M	MASH TL-3 approved 9 /17/2020
Verdegro USA, LLC Herman Harderwijk 1700 W. Irving Park Road, Suite 302 Chicago IL 60613 sales@verdegro.com	Phone: (786) 408-5709 Cell: Fax: (786) 431-3097 www.BLADE-TMA.com and www.verdegro.	BLADE TMA	MASH TL-3. Alt# is +31615839389. approved 7 /22/2019

625.02.06 ALTERNATIVE PORTABLE BARRIER RAIL

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Easi-Set Worldwide Chris Reese P.O. Box 400 Midland VA 22728 creese@easiset.com	Phone: (540) 439-8911 Cell: (540) 272-7267 Fax: (540) 439-2541 www.easiset.com and www.jjhooks.com	J-J Hooks Portable Concrete Barrier Rail	MASH TL-3; Freestanding, Pinned, or Bolted. approved 4 /1 /2020
Hill & Smith, Inc. Cecil Brown 987 Buckeye Park Road Columbus OH 43207 cecil.brown@hillandsmith.com	Phone: (614) 340-6294 Cell: Fax: www.hillandsmith.com	ZoneBloc +	MASH TL-3 compliant. Install freestanding or pinned per manufactures requirements. approved 1 /11/2022
Hill and Smith, Inc. Cecil Brown 987 Buckeye Park Road Columbus OH 43207 cecil.brown@hillandsmith.com	Phone: (614) 340-6294 Cell: Fax: www.hillandsmith.com	Zoneguard Steel Barrier	MASH TL-3; install per manufacturer's requirements. approved 12/31/2019

625.02.06 ALTERNATIVE PORTABLE BARRIER RAIL

Vendor Name / Address	Product Name	Remarks
Valtir, LLC Jim Thonn 15601 Dallas Parkway, Suite 525 Addison TX 75001 jim.thonn@trin.net	Phone: (312) 705-8424 Cell: Fax: www.valtir.com	HighwayGuard MASH TL-3; install per manufacturer's recommendations. approved 9 /20/2021
Valtir, LLC Joe Duque 15601 Dallas Parkway, Suite 525 Addison TX 75001 joseph.duque@valtir.com	Phone: (888) 323-6374 Cell: Fax: www.valtir.com	HighwayGuard MDS MASH TL-3 approved 3 /15/2023
Valtir, LLC Joe Duque 15601 Dallas Parkway, Suite 525 Addison TX 75001 joseph.duque@valtir.com	Phone: (888) 323-6374 Cell: Fax: www.valtir.com	HighwayGuard Soil MASH TL-3 approved 3 /15/2023

625.02.07 PORTABLE BEACON LIGHT SYSTEM

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

625.03.03 SIGN SUPPORT SYSTEM

Vendor Name / Address	Product Name	Remarks
Marketing Displays International Eric Larson 38271 W. 12 Mile Road Farmington Hills MI 48331 tcpsales@mdiworldwide.com	Phone: (800) 521-6776 Cell: Fax: (248) 488-5700 www.mditraficcontrol.com	S0SM-NS MASH TL-3. Roll-up signs only. approved 9 /17/2020
Pacific Safety dba Dicke Safety Michael Burke 1845 Anunsen St. NE Salem OR 97301 mike@dicketool.com	Phone: (206) 818-9277 Cell: (800) 333-5641 Fax: (800) 695-6054 www.dicketool.com	UF2000w MASH TL-3. Roll-up signs only. approved 12/10/2020
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: www.plasticade.com	Plasticade SS300 Compact Sign Stand MASH TL-3. Roll-up signs only. approved 9 /17/2020

625.03.04 BARRICADES

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Crashworthy Traffic Control, LLC Juan Banuelos 2265 Highland Vista Drive Arcadia CA 91006 juanbanuelos88@gmail.com	Phone: (626) 500-3800 Cell: (626) 662-7094 Fax: www.crashworthy.net	Crashworthy MASH Barricade / Sign Support System MASH TL-3; Type III with or without signs and/or light. approved 6 /15/2022
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	Barricade 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	Plasticade Angle Iron Type III Barricade 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) 966-8074 www.plasticade.com	Plasticade Telespar Type III Barricade 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) 966-8074 www.plasticade.com	Sentinel Type 3 approved 2 /21/2007
PSS Benjamin Gascoigne 2444 Baldwin Road Cleveland OH 44104 bwg1@PSS-Innovations.com	Phone: (800) 662-6338 Cell: (216) 658-7556 Fax: (216) 231-2702 www.PSS-Innovations.com	Anchor Mast Barricade Type 3; with or without lights approved 5 /5 /2010
PSS Benjamin Gascoigne 2444 Baldwin Road Cleveland OH 44104 bwg1@pss-innovations.com	Phone: (800) 662-6338 Cell: (216) 658-7556 Fax: (216) 231-2702 pss-innovations.com	LaneGard 3 MASH TL-3; Type 3 approved 6 /11/2020

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 Cynthia Young 19845 US Highway 76 Newberry SC 29108 cindy.young@valmont.com	Phone: (800) 648-7916 Cell: (803) 940-1190 Fax: (803) 276-8940 www.carsonite.com	Modular Guidance System approved 10/1 /2008
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	Glare Screen System approved 7 /31/1996
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: www.plasticade.com	Plasticade Modular Glare Screen approved 6 /11/2020
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	Glare Screen System approved 7 /31/1996

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 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflint.com/	LTL-2000 discontinuing 10/08 LTL 2000 Geometry Retroreflector was discontinued but still qualifies approved 6 /1 /1999
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflint.com/	LTL-X 30 Meter Geometry approved 6 /1 /1999
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflint.com/	LTL-X Mark II approved 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	Mirolux Ultra 30 approved 12/26/1999

633.02.02 PAVEMENT MARKERS (REFLECTIVE, PERMANENT)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ray-O-Lite A Division of Pac-Tec Inc Mary Haddad 5825 N. Sam Houston Parkway W, Ste. 220 Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506 www.rayolite.com	ARC 100 mm x 100 mm (4"X4") approved 6 /1 /1999
Ray-O-Lite A Division of Pac-Tec Inc Mary Haddad 5825 N. Sam Houston Parkway W, Ste. 220 Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506 www.rayolite.com	Round Shoulder ARC 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 Mary Haddad 5825 N. Sam Houston Parkway W, Ste. 220 Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506 www.rayolite.com	2002 58 mm x 19 mm (2.3"x4.6") approved 6 /1 /1999
Ray-O-Lite A Division of Pac-Tec Inc Mary Haddad 5825 N. Sam Houston Parkway W, Ste. 220 Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506 www.rayolite.com	2004 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>
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	34270 Hot Applied Flexible approved 6 /16/1998
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflint.com/	Bundy 12 cm X 12 cm Pad; White color on plantmix and black color on PCCP (5" X 5") Pad approved 5 /4 /1998
Martin Asphalt Company Juan Hermosillo 300 Christy Place South Houston TX 77587 juan.hermosillo@martinmlp.com	Phone: (713) 943-5210 Cell: (713) 941-4410 Fax: (713) 947-4908 www.martinasphalt.com	172542 Evergrip Bituminous approved 6 /15/1998

633.02.04 PAVEMENT MARKERS ADHESIVE

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Martin Asphalt Company Juan Hermosillo 300 Christy Place South Houston TX 77587 juan.hermosillo@martinmlp.com	Phone: (713) 943-5210 Cell: (713) 941-4410 Fax: (713) 947-4908 www.martinasphalt.com	Evergrip Flexible GTR BMA approved 6/15/2016

Seal Bond Kelly Iverson 1251 E. Mt. Garfield Road Norton Shores MI 49444 kiverson@seal-bond.com	Phone: (800) 252-4144 Cell: Fax: (616) 850-0530 www.seal-bond.com	SB 9113 Traffic Reflector Adhesive approved 9/25/2017
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633.02.05 LANE LINE MARKERS (REFLECTIVE, TEMPORARY)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Apex Universal Incorporated Janet Yang 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 879-6888 Fax: (562) 944-2298 www.apexmarker.com	Apex Chip Seal / Overlay Marker 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	Halftrack Model 25 Work zone pavement markers approved 11/29/2000
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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	Halftrack Model 26 Work zone pavement markers approved 11/29/2000
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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	TOM Work zone pavement markers approved 11/29/2000
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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	TRPM (Temporary Overlay) Work zone pavement markers approved 11/29/2000
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635.02.01 PAVEMENT STRIPING TAPE (TEMPORARY)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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635.02.01 PAVEMENT STRIPING TAPE (TEMPORARY)

Vendor Name / Address	Product Name	Remarks	
3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	710 WRR WRR = Wet Reflective Removable white/yellow available	approved 8 /16/2006
Advance Traffic Markings Raeleen Lucas 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940 www.trafficmarkings.com	200 Construction R R = Removable white/yellow available	approved 9 /24/2003
Brite Line Technologies Shea Durkin 10390 E. 48th Ave Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	Series 100R R = Removeable white/yellow available	approved 6 /15/1999
Brite Line Technologies Shea Durkin 10390 E. 48th Ave Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	Series 200R R = Removeable white/yellow available	approved 6 /15/1999
Brite Line Technologies Shea Durkin 10390 E. 48th Ave Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	Series Deltaline TWR TWR = Temporary Wet Removeable white/yellow available	approved 6 /15/1999
Swarco Industries / Traffic Mgt Johnathan Knutson 270 Rutherford Lane / PO Box 89 Columbia TN 38401 jonathan.knutson@swarco.com	Phone: (503) 421-5227 Cell: (503) 421-5227 Fax: (503) 208-2785 www.swarco.com	Director 2 - (DG) Director 2 (DG-WR) DG = Detour Grade WR = Wet Reflective white/yellow available	approved 4 /26/1999
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.tape-4.com	Aztec III R R = Removeable white/yellow available alt. contact is David Littleton (e): david@tape4.com	approved 6 /7 /2013

641.02.01 IMPACT ATTENUATORS

Vendor Name / Address	Product Name	Remarks	
Hill & Smith, Inc. Cecil Brown 987 Buckeye Park Road Columbus OH 43207 cecil.brown@hillandsmith.com	Phone: (614) 340-6294 Cell: Fax: www.hillandsmith.com	SCI100GM MASH approved, TL-3 Compliant; Approved at all speeds.	approved 2 /23/2007

641.02.01 IMPACT ATTENUATORS

Vendor Name / Address	Product Name	Remarks
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	Universal TAU-M MASH TL-3 approved 7 /22/2019
Traffix Devices, Inc. Howard Tolliver 160 Avenida La Pata San Clemente CA 92673 htolliver@traffixdevices.com	Phone: (949) 361-5663 Cell: (859) 469-0364 Fax: see remarks	Delta Crash Cushion MASH TL-3; https://www.traffixdevices.com/products/attenuators/delta approved 12/20/2021
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	QuadGuard Elite M10 MASH TL-3; 24 and 69 inch widths approved approved 3 /11/2021
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	QuadGuard M Wide MASH TL-3 approved 3 /11/2021
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	QuadGuard M10 MASH TL-3 approved 3 /27/2019
Valtir, LLC Paul Kruse 15601 Dallas Parkway, Suite 525 Addison TX 75001 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.valtir.com	REACT M MASH TL-3 approved 12/20/2021

642.02.02 CONCRETE PANEL WALL SYSTEMS

Vendor Name / Address	Product Name	Remarks
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	Stabilized Earth Walls NV sales contact Pete Niemann (ph) 970-584-2382 (e) priemann@bigrbridge.com. approved 8 /28/2013
Hilfiker Retaining Wall Dave Woods 1902 Hilfiker Lane Eureka CA 95503 dave@hilfiker.com	Phone: (800) 762-8962 Cell: (707) 443-5093 Fax: (707) 443-2891 www.hilfiker.com	Reinforced Soil Embankment Wall approved 9 /8 /1998

642.02.02 CONCRETE PANEL WALL SYSTEMS

Vendor Name / Address	Product Name	Remarks
Reinforced Earth Company Jack Mackie 3033 S. Parker Rd., Suite 1100 Aurora CA 80014 jmackie@reinforcedearth.com	Phone: (720) 779-2925 Cell: Fax: www.reinforcedearth.com	GeoMega MSE Wall System MANDATORY consultation with NDOT Structures and Geotechnical BEFORE submitting on a bid--contact coordinator to get contact info for this well in advance. Approved with Omega connection ONLY. Height restricted to 50 ft maximum.
Reinforced Earth Company Jacques Bloomfield 25910 Acero, Suite 200 Mission Viejo CA 92691 jbloomfield@reinforcedearth.com	Phone: (949) 689-9023 Cell: (949) 247-3601 Fax: www.reinforcedearth.com	Reinforced Earth Lrg Wall approved 3 /27/2019
Reinforced Earth Company Jacques Bloomfield 25910 Acero, Suite 200 Mission Viejo CA 92691 jbloomfield@reinforcedearth.com	Phone: (949) 689-9023 Cell: (949) 247-3601 Fax: www.reinforcedearth.com	Retained Earth 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	MSE Earth 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	MSE Large Wall Panel 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	MSE Plus Modified panels required; W24 longitudinal wire not permitted approved 5 /6 /2002
Tensor International Corporation Robert Johnson 2500 Northwinds Parkway, Suite 500 Alpharetta GA 30009 rjohnson@tensarcorp.com	Phone: (770) 344-2090 Cell: (770) 557-5015 Fax: (770) 344-2084 www.tensarcorp.com	Ares Retaining Precast Wall approved 6 /11/1998

642.02.03 SEGMENTAL BLOCK WALL SYSTEMS

Vendor Name / Address	Product Name	Remarks
Jensen Precast Steven Jensen 9895 Double R Blvd. Reno NV 89521 sjensen@jensenprecast.com	Phone: (775) 352-2700 Cell: (775) 352-6307 Fax: (775) 359-6364 www.jensenprecast.com	Redi-Rock Permitted on a project-by-project basis with approvals from NDOT bridge and NDOT geotechnical and in accordance with 642.02.03 NDOT specifications approved 7 /23/2009

642.02.03 SEGMENTAL BLOCK WALL SYSTEMS

Vendor Name / Address	Product Name	Remarks
Reinforced Earth Company Jacques Bloomfield 25910 Acero, Suite 200 Mission Viejo CA 92691 jbloomfield@reinforcedearth.com	Pyramid Phone: (949) 689-9023 Cell: (949) 427-3601 Fax: www.reinforcedearth.com	Permitted on a project-by-project basis with approvals from NDOT bridge and NDOT geotechnical and in accordance with 642.02.03 NDOT specifications approved 9 /30/1994
Super Lite Block Estrella Cotto 3565 East Bost Road Suite 108 Las Vegas NV 89021 estrella.cotto@oldcastleapg.com	KeySteel SQFT MSE Panel Phone: (866) 758-3427 Cell: (702) 255-6364 Fax: www.keystonewalls.com	Permitted on a project-by-project basis with approvals from NDOT bridge and NDOT geotechnical and in accordance with 642.02.03 NDOT specifications approved 5 /15/2002
Tensar International Corporation Robert Johnson 2500 Northwinds Parkway, Suite 500 Alpharetta GA 30009 rjohnson@tensarcorp.com	MESA Phone: (770) 344-2090 Cell: (770) 557-5015 Fax: (770) 344-2084 www.tensarcorp.com	Permitted only when specified in the contract documents as an acceptable product. approved 1 /1 /2012

646.02.02 CRACK SEALANTS

Vendor Name / Address	Product Name	Remarks
Adhesives Technology Corporation Renee Thomas 450 East Copans Rd. Pompano Beach FL 33064-5509 atcinfo@atcepoxy.com	CRACKBOND V65 HI-MOD Phone: (800) 892-1880 Cell: (954) 782-2221 Fax: (954) 782-2499 www.atcepoxy.com	Type I, II, IV and V; Grade 1; Class B and C. approved 12/17/2018
E-Chem, LLC Renee Thomas 4102 El Rey Road SE Albuquerque NM 87105 rthomas@atcepoxy.com	EP100-SEAL HM Phone: (505) 217-2121 Cell: (954) 789-4764 Fax: www.e-chem.net	ASTM C881 Type I, II, IV, and V; Grade 1; Class B and C approved 7 /22/2019
E-Chem, LLC Renee Thomas 4102 El Rey Road SE Albuquerque NM 87105 rthomas@atcepoxy.com	EP-SLV Phone: (505) 217-2121 Cell: (954) 789-4764 Fax: www.e-chem.net	ASTM C881 Type I, II, IV, and V; Grade 1; Class B and C approved 7 /22/2019
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Dural 335 Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	ASTM C881 Type I and IV; Grade 1; Class C approved 6 /22/2021
Sika Corporation Don Edwards 201 Polito Avenue Lyndhurst NY 07071 edwards.don@us.sika.com	Sikadur 55 SLV Phone: (201) 933-8800 Cell: (816) 372-3599 Fax: usa.sika.com	Type I and II; Grade 1; Class C approved 6 /15/2016

646.02.02 CRACK SEALANTS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.com	CI-GV ASTM C881 Type I, II, IV and V; Grade 3; Class B and C approved 9/19/2022
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.com	CI-LPL ASTM C881 Type I and IV; Grade 1; Class C approved 9/19/2022
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.com	CI-LV ASTM C881 Type I, II, IV and V; Grade 1; Class B and C approved 9/19/2022
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.com	CI-LV FS ASTM C881 Type I, II, IV and V; Grade 1; Class B and C approved 9/19/2022
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	Phone: (480) 450-5321 Cell: (702) 524-5524 Fax: strongtie.com	CI-SLV ASTM C881 Type I and IV; Grade 1; Class C approved 9/19/2022

646.02.04 SHEET MEMBRANE

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
W.R. Meadows, Inc. Christopher Mader 300 Industrial Drive Hampshire IL 60140 DOT@wrmeadows.com	Phone: (847) 214-2110 Cell: (224) 325-1080 Fax: www.wrmeadows.com	MEL-DEK approved 10/3/2022

646.02.05 LIQUID MEMBRANE

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
PPG Jonathan Haydu 686 S. Adams Street Kansas City KS 66105 info@bridgepreservation.com	Phone: (913) 321-9000 Cell: Fax: www.bridgepreservation.com	Bridge Deck Membrane (BDM) 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>
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702.03.01c CURING COMPOUND (LIQUID MEMBRANE FORMING FOR CURING CONCRETE)

Vendor Name / Address	Product Name	Remarks	
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	Atlas Res-Cure	ASTM C309 Type 1D approved 9 / 2 / 2008
ChemMasters, Inc. John Kirk 300 Edwards St. Madison OH 44057 johnkirk@chemmasters.net	Phone: (800) 486-7866 Cell: (440) 428-2105 Fax: (440) 428-7091 www.chemmasters.net	Safe-Cure 1000 Clear w/Dye	ASTM C309 Type 1D Variant On ly approved 3 / 11 / 2021
Dayton Superior Corporation Sarah Clark 1125 Byers Rd. Miamisburg OH 45342 sarahclark@daytonsuperior.com	Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 www.daytonsuperior.com	Resin Cure w/Dye J11WD	ASTM C309 Type 1D. Ext. 44376. approved 1 / 8 / 2010
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Phone: (216) 531-9222 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	KUREZ DR VOX	ASTM C309 Type 1D approved 3 / 15 / 2023
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Phone: (216) 531-9222 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	Tammsecure WB	ASTM C309 Type 1D approved 3 / 15 / 2023
SpecChem Michael Lemark 1511 Baltimore Ave. Kansas City MO 64108 mlemark@specchemllc.com	Phone: (816) 968-5600 Cell: (562) 489-9607 Fax: www.specchem.com	SpecRez	Type 1D approved 3 / 26 / 2018
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	US SPEC MaxCure Resin Clear	ASTM C309 Type 1D approved 2 / 6 / 2006
W.R. Meadows Chris Mader 300 Industrial Dr. Hampshire IL 60140 dot@wrmeadows.com	Phone: (847) 214-2100 Cell: (224) 325-1080 Fax: www.wrmeadows.com	1100 Clear	ASTM C309 Type 1D Variant Only approved 8 / 21 / 2019

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

Vendor Name / Address	Product Name	Remarks
W.R. Meadows Chris Mader 300 Industrial Dr. Hampshire IL 60140 dot@wrmeadows.com	Phone: (847) 214-2100 Cell: (224) 325-1080 Fax: www.wrmeadows.com	1300 Clear ASTM C309 Type 1D Variant Only approved 8 /21/2019

702.03.01d CURING COMPOUND (WHITE PIGMENTED, WAX BASE)

Vendor Name / Address	Product Name	Remarks
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	Atlas Pro-Cure White approved 9 /2 /2008
ChemMasters, Inc. John Kirk 300 Edwards St. Madison OH 44057 johnkirk@chemmasters.net	Phone: (800) 486-7866 Cell: (440) 428-2105 Fax: (440) 428-7091 www.chemmasters.net	Safe-Cure 800 approved 3 /11/2021
Crafco, Inc. Kelsey Naumann 6165 W. Detroit Street Chandler AZ 85226 kelsey.naumann@crafco.com	Phone: (602) 276-0406 Cell: Fax: https://crafco.com	White Water Wax 309 approved 3 /14/2022
Dayton Superior Corporation Sarah Clark 1125 Byers Rd. Miamisburg OH 45342 sarahclark@daytonsuperior.com	Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 www.daytonsuperior.com	White Wax Cure J9A Ext. 44376. approved 8 /29/2008
SpecChem Michael Lemark 1511 Baltimore Ave Ste 600 Kansas City MO 64108 mlemark@specchemllc.com	Phone: (816) 968-5600 Cell: (562) 489-9607 Fax: www.specchemllc.com	Atlas Pro-Cure White approved 1 /22/2014
SpecChem Michael Lemark 1511 Baltimore Ave., Suite 600 Kansas City KS 64108 mlemark@specchemllc.com	Phone: (816) 968-5600 Cell: (562) 489-9607 Fax: www.specchemllc.com	PaveCure WW approved 2 /18/2008
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	US SPEC MaxCure Wax White approved 7 /2 /2008

702.03.01d CURING COMPOUND (WHITE PIGMENTED, WAX BASE)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
W.R. Meadows Chris Mader 300 Industrial Dr. Hampshire IL 60140 dot@wrmeadows.com	Phone: (847) 214-2100 Cell: (224) 325-1080 Fax: www.wrmeadows.com	1600 White approved 5 /2 /2019

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	Atlas Pro-Cure AMS Bridge Decks ASTM C309, Type 2, Class B approved 9 /2 /2008
ChemMasters, Inc. John Kirk 300 Edwards St. Madison OH 44057 johnkirk@chemmasters.net	Phone: (800) 486-7866 Cell: (440) 428-2105 Fax: (440) 428-7091 www.chemmasters.net	Certi-Vex Envio Cure White 1315 approved 12/31/2019
SpecChem Michael Lemark 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 mlemark@specchemllc.com	Phone: (816) 968-5600 Cell: (562) 489-9607 Fax: www.specchemllc.com	Atlas Pro-Cure AMS approved 1 /22/2014
SpecChem Michael Lemark 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 mlemark@specchemllc.com	Phone: (816) 968-5600 Cell: (562) 489-9607 Fax: www.specchemllc.com	Pave Cure AMS approved 5 /7 /2013
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 andrew.beaty@oldcastle.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	US SPEC AMS 3754 White Bridge Decks ASTM C309, Type 2, Class B approved 6 /17/2008
W.R. Meadows, Inc. Chris Mader 300 Industrial Drive Hampshire IL 60140 DOT@wrmeadows.com	Phone: (847) 214-2100 Cell: (224) 325-1080 Fax: www.wrmeadows.com	2250-WHITE approved 9 /19/2022

702.03.05 POZZOLANS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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702.03.05 POZZOLANS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Gokul Venkitachalam 18750 Minnesota Road Corona CA 92881-4313 gvenkitachalam@mmm.com	NP200C	Class N approved 9/17/2020
Charah Solutions Timothy Cole 12601 Plantside Drive Louisville KY 40299 tcole@charah.com	Miami Fort	Class F approved 6/22/2021
EM Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@ecomaterial.com	Carbon II Class F Fly Ash	Class F approved 12/31/2019
EM Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@ecomaterial.com	Class F Fly Ash	Class F Fly Ash Sources: Plant: Delta Plant, UT approved 2/17/2010
EM Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@ecomaterial.com	Coal Creek Class F Fly Ash	Class F approved 4/1/2020
EM Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB-190 Cape Coral FL 33904 cwallace@ecomaterial.com	Craig Class F Fly Ash	Class F approved 4/1/2020
EM Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@ecomaterial.com	Kirkland Natural Pozzolan	Class N approved 9/20/2021
EM Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@ecomaterial.com	Prairie State	Class F approved 6/22/2021

702.03.05 POZZOLANS

Vendor Name / Address	Product Name	Remarks
Geofortis Utah, LLC Dana Francis 30 S Tooele Blvd Tooele UT 84074 dfrancis@geofortis.com	Phone: (325) 207-1512 Cell: (925) 878-1459 Fax: www.Geofortis.com	Geofortis Utah Natural Pozzolan Class N approved 9/17/2020
Golden State Pozzolan Ben Inkster 5980 Outfall Circle Sacramento CA 95828 ben@goldenstatecrushing.com	Phone: (916) 381-4100 Cell: (209) 552-5550 Fax: www.goldenstatecrushing.com	GSP Class N Class N approved 3/14/2022
Nevada Cement Company, LLC Scott Murphy 1290 West Main Street Fernley NV 89408 smurphy@nevadacement.com	Phone: (775) 575-2281 Cell: (775) 232-4508 Fax: (775) 575-4387 www.nevadacement.com	Pozzolan Class "N" 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	Phone: (480) 850-5757 Cell: (602) 321-6040 Fax: (480) 850-5758 www.srmaterials.com	Apache Class F Fly Ash approved 4/16/2020
Salt River Materials Group - Phoenix Cement Co Jeff Hearne 8800 East Chaparral Road, Suite 155 Scottsdale AZ 85250-2606 jhearne@srmaterials.com	Phone: (480) 850-5757 Cell: (602) 321-6040 Fax: (480) 850-5758 www.srmaterials.com	Bonanza Class F Fly Ash 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	Phone: (480) 850-5757 Cell: (602) 321-6040 Fax: (480) 850-5758 www.srmaterials.com	Huntington Class F Fly Ash Class F approved 3/14/2022
Salt River Materials Group - Phoenix Cement Co Jeff Hearne 8800 East Chaparral Road, Suite 155 Scottsdale AZ 85250-2606 jhearne@srmaterials.com	Phone: (480) 850-5757 Cell: (602) 321-6040 Fax: (480) 850-5758 www.srmaterials.com	Pozzolan Class F Plant: Cholla Plant, Joseph City, AZ Plant: Four Corners Plant, Fruitland, NM Plant: Gallup Plant, Gallup, NM approved 2/4/2011
Salt River Materials Group - Phoenix Cement Co. Jeff Hearne 8800 East Chaparral Road, Suite 155 Scottsdale AZ 85250 jhearne@srmaterials.com	Phone: (480) 850-5757 Cell: (602) 321-6040 Fax: (480) 850-5758 www.srmaterials.com	Bridger Class F Fly Ash Class F approved 2/9/2023

702.03.05 POZZOLANS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Whitemud Resources Incorporated Thomas O'Neill 6713 Fairmount Drive SE Calgary, Alberta, T2H 0X6 Canada info@whitemudresources.com	Phone: (403) 281-2215 Cell: (403) 801-4125 Fax: www.whitemudresources.com	Metakaolin Class N. Mobile# (403) 801-4125. 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>
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	Roadsaver Silicone SL approved 6 /20/2006
DS Brown Company Ryan Sypherd 300 East Cherry Street North Baltimore OH 45872 rsypherd@dsbrown.com	Phone: (419) 257-3561 Cell: (651) 262-6308 Fax: (419) 257-2200 www.dsbrown.com	DSB 900 SL Silicone 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	Pecora 300SL approved 9 /15/2001
Sika Corporation Don Edwards 201 Polito Avenue Lyndhurst NJ 07071 edwards.don@us.sika.com	Phone: (201) 933-8800 Cell: (816) 372-3599 Fax: usa.sika.com	Sikasil 728 SL approved 8 /5 /2005
The Dow Chemical Company Jason Sika 12081 West Alameda Parkway #421 Lakewood CO 80228 jason.sika@dow.com	Phone: (989) 496-3833 Cell: (303) 880-9614 Fax: www.dow.com	DOWSIL 890-SL Silicone Sealant approved 3 /20/1997
Tremco CPG, Inc. Technical Services 3735 Green Road Beachwood OH 44122 techresources@tremcoinc.com	Phone: (866) 209-2404 Cell: (216) 292-5000 Fax: (216) 766-5535 www.tremcosealants.com	Spectrem 900 SL Formula 974831 w/ 333 Cartridges 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>
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714.03.01b COATING SYSTEMS FOR BRIDGES

Vendor Name / Address	Product Name	Remarks	
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	Use the System in Remarks 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 nyemiller@msn.com	Phone: (714) 337-1953 Cell: (619) 633-8406 Fax: www.ppgpmc.com	Use the System in Remarks 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
Sherwin Williams Company Paul Trautman 101 Prospect Avenue NW Cleveland OH 44115 paul.trautmann@sherwin.com	Phone: (216) 566-1733 Cell: (714) 699-6358 Fax: (216) 830-7721 www.sherwin-williams.com	Use the System in Remarks 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)

Vendor Name / Address	Product Name	Remarks	
3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3910 FL DG Type IV for work zone drums and delineators	approved 8 /16/2000
3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3911 FL Y DG Type IV for work zone drums and delineators	approved 8 /16/2000
3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3914 FL DG Type IV for work zone drums and delineators	approved 8 /16/2000
3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3924S Type IV for Barricades ONLY and Permanent Traffic	approved 12/1 /2004
3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3930 Type IV for Barricades ONLY and Permanent Traffic	approved 12/1 /2004

716.03.01a REFLECTIVE SHEETING (TYPE IV)

Vendor Name / Address	Product Name	Remarks	
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	T6500 P HI Type IV for temporary traffic control devices, delineators and permanent 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: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	W6000 P Type IV for temporary traffic control devices, delineators, and work zone barricade 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: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	W7514 F 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: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	WR-7100 White R 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: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	WR-7114 Orange FR Type IV F= Fluorescent; R= Reboundable	approved 3 /31/2011
Avery Dennison Reflective Solutions Nipa Joshi 7542 North Natchez Ave. Niles IL 60174 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	Avery Dennison WC-4100 Cone Collar Sheeting	approved 6 /11/2020
Nippon Carbide Industries (USA), Inc. Andy Kato 13856 Bettencourt St. Cerritos CA 90703 akato@nikkalite.com	Phone: (800) 821-4264 Cell: (562) 777-1810 Fax: (562) 777-1811 www.nikkalite.com	Nikkalite CRG 94000	approved 6 /11/2020
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199 www.orafol.com	ORALITE 5900 High Intensity Prismatic All Colors	Type IV approved 2 /5 /2013

716.03.01a REFLECTIVE SHEETING (TYPE IV)

Vendor Name / Address	Product Name	Remarks
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199 www.orafol.com	ORALITE 5900 White and Yellow Intensity Prismatic Type IV approved 2 /5 /2013

ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199 www.orafol.com	ORALITE 5934 Super Bright Reboundable Sheeting approved 9 /17/2020
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716.03.01b REFLECTIVE SHEETING (TYPE V)

Vendor Name / Address	Product Name	Remarks
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199 www.orafol.com	ORALITE AP 1000 Type V For use in work zones on barrier and guardrail delineation and roadside delineation posts. approved 4 /8 /1999

ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199 www.orafol.com	ORALITE AR 1000 Type V For use in work zones on barrier and guardrail delineation and roadside delineation posts. approved 4 /8 /1999
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716.03.01c REFLECTIVE SHEETING (TYPE VI)

Vendor Name / Address	Product Name	Remarks
3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3340 Cone Type VI for traffic PVC cones ONLY approved 8 /16/2000

3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	RS-24* Roll-Up Type VI for Barricades ONLY and Permanent Traffic; *Roll-up Signs approved 8 /16/2000
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Avery Dennison Reflective Solutions Nipa Joshi 7542 North Natchez Ave. Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	Avery Dennison OmniBrite WU-7000 Roll-Up Series approved 6 /11/2020
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716.03.01c REFLECTIVE SHEETING (TYPE VI)

Vendor Name / Address	Product Name	Remarks
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199 www.orafol.com	ORALITE 5934 Super Bright Reboundable Sheeting approved 9 /17/2020
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199 www.orafol.com	ORALITE Marathon Roll-Up Type VI for use in emergency traffic control construction work zones and utility work areas approved 4 /8 /1999
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199 www.orafol.com	ORALITE Super Bright Roll-Up Type VI for use in emergency traffic control construction work zones and utility work areas approved 4 /8 /1999
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199 www.orafol.com	Reflective Flag* Type VI *for flagger poles ONLY approved 4 /6 /2011

716.03.01d REFLECTIVE SHEETING (TYPE IX)

Vendor Name / Address	Product Name	Remarks
3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3990 VIP DG 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: (773) 255-3739 Fax: (847) 288-7925 www.reflectives.averydennison.com	OV T9500 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: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	OV T9511 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: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	OV T9513 Type IX OV=OmniView, Fluorescent Yellow Green approved 7 /10/2001

716.03.01d REFLECTIVE SHEETING (TYPE IX)

Vendor Name / Address	Product Name	Remarks
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	OV T9514 Type IX OV=OmniView, Fluorescent Orange approved 7 /10/2001
ORAFOL Americas, Inc. Chris Gaudette 120 Darling Drive Avon CT 06001 chris.gaudette@orafol.com	Phone: (860) 676-7181 Cell: Fax: (860) 676-7199 www.orafol.com	ORALITE 5930 Fluorescent Orange Work Zone Rigid Type IX approved 2 /5 /2013

716.03.01e REFLECTIVE SHEETING (TYPE XI)

Vendor Name / Address	Product Name	Remarks
3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	4000 DG3 Type XI B=Barricade; WZ=Work Zones approved 8 /16/2000
3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	4080 DG3 WZ Type XI B=Barricade; WZ=Work Zones approved 8 /16/2000
3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	444 DG3 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: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	OC T11500 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: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	OC T11511 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: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	OC T11513 Type XI OC=OmniCube, Fluorescent Yellow Green approved 7 /29/2010

716.03.01e REFLECTIVE SHEETING (TYPE XI)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (773) 255-3739 Fax: (847) 588-7925 www.reflectives.averydennison.com	OC T11514 Type XI OC=OmniCube, Fluorescent Orange approved 7/29/2010

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	Phone: (800) 892-1880 Cell: (954) 782-2221 Fax: (954) 782-2499 www.atcepoxy.com	CRACKBOND 2100 MV Type II; Grade 2; Class B and C approved 6/11/2020
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	CRACKBOND LR-321LPL Type I, II, IV and V; Grade I; Class C approved 6/11/2020
Adhesives Technology Corporation Renee Thomas 450 East Copans Road Pompano Beach FL 33064-5509 rthomas@atcepoxy.com	Phone: (754) 399-1684 Cell: (954) 782-2221 Fax: (800) 362-3320 www.atcepoxy.com	ULTRABOND 1 Type I, II, IV and V; Grade 3; Class A, B and C approved 11/21/2005
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	ULTRABOND 1300 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	Phone: (800) 892-1880 Cell: (954) 782-2221 Fax: (954) 782-2499 www.atcepoxy.com	ULTRABOND HS-1CC 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	Phone: (800) 892-1880 Cell: (954) 782-2221 Fax: (954) 782-2499 www.atcepoxy.com	ULTRABOND HS-200 Type I, II, IV and V; Grade 3; Class A, B and C approved 11/21/2005
ChemCo Systems Sara Geary 2800 Bay Rd Redwood City CA 94063 sara@chemcosystems.com	Phone: (562) 378-7407 Cell: (650) 261-3790 Fax: https://www.chemcosystems.com/	ProGuard Bonder Paste LP Type I, II, IV and V; Grade 3; Class C approved 3/15/2023

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Dayton Superior Corporation Sarah Clark 1125 Byers Road Miamisburg OH 45342 sarahclark@daytonsuperior.com	ProAnchor Elite Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 www.daytonsuperior.com	Type I, II, IV and V; Grade 3; Class A and B. Ext. 44376.	approved 3 /11/2021
Dayton Superior Corporation Sarah Clark 1125 Byers Rd. Miamisburg OH 45342 sarahclark@daytonsuperior.com	Sure Anchor I J-51 Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 www.daytonsuperior.com	Type I, II, IV and V; Grade 3; Class B and C. Ext. 44376.	approved 1 /14/2003
Dayton Superior Corporation Sarah Clark 1125 Byers Road Miamisburg OH 45342 sarahclark@daytonsuperior.com	Sure Bond J58 Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 www.daytonsuperior.com	Type II; Grade 2; Class B and C. Ext. 44376.	approved 6 /22/2021
DEWALT Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoINETTE@sbdinc.com	DEWALT PE1000+ Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	Type I, II, IV and V; Grade 3; Class B and C	approved 12/1 /2016
DEWALT Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoINETTE@sbdinc.com	DEWALT Pure 110+ Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	Type I, II, IV and V; Grade 3; Class B and C	approved 12/1 /2016
DEWALT Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoINETTE@sbdinc.com	DEWALT Pure50+ Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	Type I, II, IV and V; Grade 3; Class B and C	approved 12/1 /2016
E-Chem, LLC Renee Thomas 4102 El Rey Road SE Albuquerque NM 87105 rthomas@atcepoxy.com	EP-GEL FAST Phone: (505) 217-2121 Cell: (954) 789-4764 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 Renee Thomas 4102 El Rey Road SE Albuquerque NM 87105 rthomas@atcepoxy.com	EP-MV Phone: (505) 217-2121 Cell: (954) 789-4764 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 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	Dural 452 Gel	Type I, II, IV and V; Grade 3; Class C. approved 9 /20/2021
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	Dural 452 LV	Type I and IV; Grade 1; Class C. approved 9 /20/2021
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	Dural 452 MV	Type I, II, IV and V; Grade 2; Class C approved 11/29/2012
Euclid Chemical Company Brian Lewis 19215 Redwood Road Cleveland OH 44110 blewis@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	Dural Fast Set Gel	Type I and IV; Grade 3; Class C. approved 9 /20/2021
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	HIT-RE 10	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	HIT-RE 100	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	HIT-RE 500v3	Type I, II, IV, and V; Grade 3; Class A, B, and C approved 9 /25/2017
ITW Commercial Construction North America Christopher Nelli 155 Harlem Ave. Glenview IL 60025 Adhesive-Anchors@itwccna.com	Phone: (224) 307-9287 Cell: Fax: www.itwredhead.com	Red Head C6+	Type I, II, IV and V; Grade 3; Class B and C. Alt. company email is Adhesive-Anchors@itwccna.com approved 9 /24/2018

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
MAPEI Corporation Bruce Haller 1144 East Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	Planibond AE Type I, II, IV and V; Grade 3; Class B and C	approved 8 / 3 / 2011
MasterSpec Materials, LLC Luisa Flores 806 Buchanan Blvd, Ste 115-294 Boulder City NV 89005 info@masterspecmaterials.com	Phone: (702) 997-8838 Cell: (505) 974-0421 Fax: www.masterspecmaterials.com	RiteBond Type I, II, IV and V; Grade 2; Class B and C	approved 9 / 24 / 2018
MiTek USA, Inc. Tom Curry 14305 Southcross Drive, Suite 200 Burnsville MN 55306 tcurry@mii.com	Phone: (952) 898-8630 Cell: Fax: (952) 898-8605 mittek-us.com	CIA-GEL 6000-GP Type I, II, IV and V; Grade 3; Class A, B and C	approved 3 / 25 / 2016
MiTek USA, Inc. Tom Curry 14305 Southcross Drive Suite 200 Burnsville MN 55306 tcurry@mii.com	Phone: (952) 898-8630 Cell: Fax: (952) 898-8605 mittek-us.com	CIA-GEL 7000 Adhesive Type I and IV; Grade 3; Class B, C and D	approved 8 / 9 / 2000
MKT Fastening, LLC Louis Peyron 1 Gunnebo Drive Lonoke AR 72086 louis@mktfastening.com	Phone: (501) 676-2222 Cell: Fax: (501) 676-7266 www.mktfastening.com	Liquid Roc 500+ 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	Dynapoxy Low Mod Epoxy Type III; Grade 2; Class B and C	approved 6 / 7 / 2010
Sika Corporation Don Edwards 201 Polito Avenue Lyndhurst NJ 07071 edwards.don@us.sika.com	Phone: (201) 933-8800 Cell: (816) 372-3599 Fax: usa.sika.com	Sika AnchorFix 3001 ASTM C881 Type IV; Grade 3; Class C. Automatic proportioning, mixing, and dispensing equipment must be used.	approved 7 / 22 / 2019
Sika Corporation Don Edwards 201 Polito Avenue Lyndhurst NJ 07071 edwards.don@us.sika.com	Phone: (201) 933-8800 Cell: (816) 372-3599 Fax: usa.sika.com	Sikadur 35 Hi Mod Type I, II and IV; Grade 1; Class C	approved 4 / 10 / 2006

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Simpson Strong Tie Wendy Allen 5151 South Airport Way Stockton CA 95206 wallen@strongtie.com	ET-HP Epoxy Adhesive Phone: (800) 999-5099 Cell: (415) 559-9038 Fax: (209) 234-3868 www.stongtie.com/products/anchorsyste	Type I, II, IV and V; Grade 3; Class B and C	approved 1/15/2009
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	ET-HP Phone: (480) 450-5321 Cell: (702) 524-5524 Fax:	ASTM C881 Type I, II, IV and V; Grade 3; Class B and C	approved 9/19/2022
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	RPS-752 Phone: (480) 450-5321 Cell: (702) 524-5524 Fax:	ASTM C881 Type II; Grade 2; Class B	approved 9/19/2022
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	SET-3G Phone: (480) 450-5321 Cell: (702) 524-5524 Fax:	ASTM C881 Type I, II, IV and V; Grade 3; Class B and C	approved 9/19/2022
Simpson Strong-Tie Daniel Bartlett 12246 Holly St. N Riverside CA 92509 dbartlett@strongtie.com	SET-XP Phone: (480) 450-5321 Cell: (702) 524-5524 Fax:	ASTM C881 Type I, II, IV and V; Grade 3; Class C	approved 9/19/2022
SpecChem Michael LeMark 1511 Baltimore Ave. Kansas City MO 64108 mlemark@specchemllc.com	SpecPoxy 3000 Phone: (816) 968-5600 Cell: (562) 489-9607 Fax:	Type I, II, IV and V; Grade 3; Class B and C	approved 3/27/2019
Unitex Chemicals / Dayton Superior Sarah Clark 1125 Byers Road Miamisburg OH 45342 sarahclark@daytonsuperior.com	Pro-Poxy 200 Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 www.daytonsuperior.com	Type II; Grade 2; Class B and C. Ext. 44376.	approved 6/22/2021
Unitex Chemicals / Dayton Superior Sarah Clark 1125 Byers Rd. Miamisburg OH 45342 sarahclark@daytonsuperior.com	Pro-Poxy 300 Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 www.daytonsuperior.com	Type I, II, IV and V; Grade 3; Class B and C. Ext. 44376.	approved 1/14/2003

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Unitex Chemicals / Dayton Superior Sarah Clark 1125 Byers Rd. Miamisburg OH 45342 sarahclark@daytonsuperior.com	Phone: (937) 866-0711 Cell: (937) 479-5164 Fax: (937) 847-8473 www.daytonsuperior.com	Pro-Poxy 300 FAST Type I, II, IV and V; Grade 3; Class B and C. Ext. 44376. approved 1/14/2003

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 2851 N. Walden Street Aurora CO 80011 marilou.bruce@swarco.com	Phone: (303) 388-9265 Cell: (303) 332-9216 Fax: (303) 388-0881 www.swarco.com/cpc	1180 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. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflint.com	HPS-3 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 Chris Beadle 1000 East Park Avenue Maple Shade NJ 08052 cbeadle@epoplex.com	Phone: (800) 822-6920 Cell: (302) 893-0009 Fax: (856) 779-2963 www.epoplex.com	Epoplex LS50 White: LS50 Part A Yellow: LS50 Part A Hardener: LS50 Part B "Lead Free Yellow" contains organic yellow pigment. approved 2/6/2003
Epoplex Chris Beadle 1000 East Park Avenue Maple Shade NJ 08052 cbeadle@epoplex.com	Phone: (800) 822-6920 Cell: (302) 893-0009 Fax: (856) 779-2963 www.epoplex.com	Epoplex LS60 White: LS60 Part A Yellow: LS60 Part A Hardener: LS60 Part B "Lead Free Yellow" contains organic yellow pigment. approved 2/6/2003
Olin Poly-Carb Solmaz Pirouz 4005 Technology Drive, Suite 1500 Angleton TX 77515 spirouz@olin.com	Phone: (330) 748-6407 Cell: (979) 480-4607 Fax: https://olinpolycarb.com/	Mark 55.2 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 Poly-Carb Solmaz Pirouz 4005 Technology Drive, Suite 1500 Angleton TX 77515 spirouz@olin.com	Phone: (330) 748-6407 Cell: (979) 480-4607 Fax: https://olinpolycarb.com/	Mark 55.3 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 Poly-Carb Solmaz Pirouz 4005 Technology Drive, Suite 1500 Angleton TX 77515 spirouz@olin.com	Phone: (330) 748-6407 Cell: (979) 480-4607 Fax: https://olinpolycarb.com/	Mark 55.4 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

729.03.03 PAINT MARKING MATERIAL - EPOXY

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
Swarco/Colorado Paint Company Ling Tan 2851 N. Walden Street Aurora CO 80011 ling.tan@swarco.com	Phone: (303) 388-9265 Cell: (919) 208-3360 Fax: (303) 388-0881 www.swarco.com/cpc	MFUA-10	modified polyacrylate two-component 3180 White, 3186 Yellow, 3187 Black, 3185 catalyst	approved 9/17/2020

729.03.04a 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:	ENCOR DT 250	Type I	approved 7/19/2002

Arkema Incorporated no contact information provided OR required	Phone: Cell: Fax:	ENCOR DT 400	Type II	approved 7/19/2002
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Dow Chemical/Rohm & Haas LLC no contact information available OR required	Phone: Cell: Fax:	Fastrack 3427	Type I; prev Rhoplex Fastrack 3427; Bulk #10081323; Substance #101051012	approved 5/20/1999
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Dow Chemical/Rohm & Haas LLC no contact information available OR required	Phone: Cell: Fax:	Fastrack HD-21A	Type II; prev Rhoplex Fastrack HD21A; Bulk #10076070; Substance #101084604	approved 5/20/1999
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729.03.04b 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 2851 N Walden Street Aurora CO 80011 marilou.bruce@swarco.com	Phone: (303) 388-9265 Cell: (303) 332-9216 Fax: (303) 388-0881 www.swarco.com/cpc	W: 1160-NV Waterborne Y: 1166-NV Waterborne	Fastrack 3427 W = White; Y = Yellow	approved 12/16/2011

Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflint.com/	W: Pervo Plastics 6000 Y: Pervo Plastics 6003	Fastrack 3427 W = White; Y = Yellow	approved 7/30/2002
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729.03.04b PAINT MARKING MATERIAL - RAPID DRY WATERBORNE PAINT (TYPE I, TEMPORARY STRIPING FORMULATION)

Vendor Name / Address	Product Name	Remarks	
International Coatings Company, Inc. Lin Lin 13929 East 166th Street Cerritos CA 90703 llin@iccink.com	Phone: (562) 926-1010 Cell: Fax: (562) 926-9486 www.iccink.com	W: Line-Pro 5630 Y: Line-Pro 5640	Fastrack HD-21A W = White; Y = Yellow approved 7/24/2013
Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@ozarkmaterials.net	Phone: (334) 213-2995 Cell: Fax: (334) 371-2302 www.ozarkmaterials.net	Waterborne Standard Paint (white and yellow)	Fastrack 3427 approved 3/27/2019
Svevia USA, Inc. Jason Martyn 14567 Rancho Vista Dr. Fontana CA 92335 jason@roadmaxproducts.com	Phone: (909) 559-4134 Cell: (909) 957-4204 Fax: https://www.roadmaxproducts.com/	Roadmax Fastdry NDOT Series	Fastrack 3427 White = RMP-1000NV-1; Yellow = RMP-1000NV-2 approved 6/22/2021
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	On-Line Fast Dry 6900 Series: white/yellow/black	Fastrack 3427 approved 7/22/2019

729.03.04c PAINT MARKING MATERIAL - RAPID DRY WATERBORNE (TYPE II, PERMANENT STRIPING FORMULATION)

Vendor Name / Address	Product Name	Remarks	
Colorado Paint Company/Swarco Marilou Bruce 2851 N. Walden Street Aurora CO 80011 marilou.bruce@swarco.com	Phone: (303) 388-9265 Cell: (303) 332-9216 Fax: (303) 388-0881 www.swarco.com/cpc	W: 1110-NV Ultra High Y: 1116-NV Ultra High	Fastrack HD-21A W = White; Y = Yellow approved 12/16/2011
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflint.com/	W: 982831 NVW-HD-M-1 Y: 982832 Nvy-HD-M-1	Fastrack HD-21A W = White; Y = Yellow approved 12/11/2002
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 dl-QPLAdmin@ppg.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflint.com/	W: 982851 Y: 982852	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. Lin Lin 13929 East 166th Street Cerritos CA 90703 llin@iccink.com	Phone: (562) 926-1010 Cell: Fax: (562) 926-9486 www.iccink.com	Line-Pro 5610 White Line-Pro 5620 Yellow	Fastrack HD-21A Company contact: (562) 926-1010 ext 371 approved 11/19/2013

729.03.04c PAINT MARKING MATERIAL - RAPID DRY WATERBORNE (TYPE II, PERMANENT STRIPING FORMULATION)

Vendor Name / Address	Product Name	Remarks	
Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@ozarkmaterials.net	Phone: (334) 213-2995 Cell: Fax: (334) 371-2302 www.ozarkmaterials.net	Waterborne Durable Paint (white and yellow)	Fastrack HD-21A approved 12/17/2018
Sherwin Williams Company Paul Trautman 101 Prospect Avenue NW Cleveland OH 44115 paul.trautmann@sherwin.com	Phone: (216) 566-1733 Cell: (714) 699-6358 Fax: (216) 830-7721 www.sherwin-williams.com	W: TM2398 Y: TM2399	Fastrack HD-21A W = White; Y = Yellow approved 7 /9 /2003
Svevia USA, Inc. Jason Martyn 14567 Rancho Vista Dr. Fontana CA 92335 jason@roadmaxproducts.com	Phone: (909) 559-4134 Cell: (909) 957-4204 Fax: https://www.roadmaxproducts.com/	Roadmax HI-BUILD Fastdry NDOT Series	Fastrack HD-21A RMP-1100NV-2 White = RMP-1100NV-1; Yellow = approved 9 /17/2020

729.03.05 PAINT MARKING MATERIAL - POLYUREA

Vendor Name / Address	Product Name	Remarks	
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	3M All Weather Liquid Pavement Marking Series 5000	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 3 /25/2016
Epoplex Chris Beadle 1000 East Park Avenue Maple Shade NJ 08052 cbeadle@epoplex.com	Phone: (800) 822-6920 Cell: (302) 893-0009 Fax: (856) 779-2963 www.epoplex.com	Epoplex LS90	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
Swarco Colorado Paint Company Ling Tan 2851 N. Walden Street Aurora CO 80011 ling.tan@swarco.com	Phone: (303) 388-9265 Cell: (919) 208-3360 Fax: (303) 388-0881 www.swarco.com/cpc	MFUA 12	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

732.03.01 PAVEMENT MARKING TAPE (TYPE I)

Vendor Name / Address	Product Name	Remarks	
3M Transportation Safety Division Eric Dornak 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	Series 270	Type I white/yellow available approved 5 /6 /2011

732.03.01 PAVEMENT MARKING TAPE (TYPE I)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Advance Traffic Markings Raeleen Lucas 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940 www.trafficmarkings.com	Series 300 Type I white/yellow available approved 4 /29/2008
Advance Traffic Markings Raeleen Lucas 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940 www.trafficmarkings.com	Series 400 Type I white/yellow available approved 4 /29/2008
Brite Line Technologies Shea Durkin 10390 E. 48th Ave. Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	Series 100 Type I white/yellow available approved 10/10/2007
Brite Line Technologies Shea Durkin 10390 E. 48th Ave. Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	Series 200 Type I white/yellow available approved 10/10/2007
Brite Line Technologies Shea Durkin 10390 E. 48th Ave. Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	Series Deltaline TWR Type I white/yellow available approved 10/10/2007
Swarco Industries, LLC Jonathan Knutson 270 Rutherford Lane / PO Box 89 Columbia TN 38401 jonathan.knutson@swarco.com	Phone: (503) 421-5227 Cell: (503) 421-5227 Fax: (503) 208-2785 www.swarco.com	Series Director 60 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 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940 www.trafficmarkings.com	Series 300 Type II white/yellow available approved 5 /2 /2008
Advance Traffic Markings Raeleen Lucas 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940 www.trafficmarkings.com	Series 400 Type II white/yellow available approved 4 /29/2008

732.03.02 PAVEMENT MARKING TAPE (TYPE II)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Brite Line Technologies Shea Durkin 10390 E. 48th Ave. Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	Series 900 Type II white/yellow available approved 2 / 2 / 2010

Brite Line Technologies Shea Durkin 10390 E. 48th Ave. Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	Series Deltaline XRP Type II white/yellow available approved 2 / 2 / 2010
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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 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	Series 270 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 1605 Sabatini Drive Henderson NV 89052 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	Series 380AW and Series 380IES Type IV IES is a standard high performance optic WR ES is a standard high performance, wet reflective optics approved 5 / 6 / 2011
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Advance Traffic Markings Raeleen Lucas 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940 www.trafficmarkings.com	Series 300 Type IV white/yellow available approved 10/19/2012
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Advance Traffic Markings Raeleen Lucas 100 Patch Rubber Road Weldon NC 27890 lucasco@ralucasco.com	Phone: (252) 536-2574 Cell: (714) 397-4428 Fax: (252) 536-4940 www.trafficmarkings.com	Series 400 Type IV approved 4 / 29 / 2008
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Brite Line Technologies Shea Durkin 10390 E. 48th Ave. Denver CO 80238 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	Series Deltaline XRP Type IV approved 2 / 2 / 2010
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732.03.04a PAVEMENT MARKINGS (HOT APPLIED THERMOPLASTIC)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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Past Editions of the NDOT QPL

NDOT typically publishes a QPL four times a year but may do so at any time to capture significant changes. If the QPL you are trying to find is no longer available on the NDOT website, please contact the [Product Evaluation Coordinator](#) to request the specific QPL you are looking for.

2023:	
2022:	December 14, September 19, June 15, March 14
2021:	December 20, September 21, June 22, April 15, March 11
2020:	December 10, September 17, June 11, April 1
2019:	December 31, September 17, July 22, May 2, March 29
2018:	December 31, December 17, September 26, July 2, June 30, April 18, March 28, February 9
2017:	December 27, October 2, June 27, April 25
2016:	December 6, September 30, June 22, May 2, April 13, March 17
2015:	May 14
2014:	December 24, September 9, June 9, February 7, January 3
2013:	September 10, June 25, February 8
2012:	December 7, September 18, May 17, April 5, March 2, February 8, January 4
2011:	December 5, November 29, October 14, September 23, August 8, August 3, July 22 , June 9, June 2, May 27, April 14, April 6, April 5, March 31, March 29, March 21, January 25, January 6
2010:	December 10, October 28, August 23, July 20, July 7, June 7, May 7, April 15, March 2, February 22
2009:	December 3, October 8, June 22, May 1, April 14, March 24, March 17
2008:	November 12, November 4, September 3, July 16, June 2, April 4, March 31, March 6, January 22
2007:	November 27, November 20, September 14, August 10, July 6, May 21, March 30, February 21
2006:	November 14, October 23, August 1, June 22, May 22, May 8, March 28, March 23, February 21, January 19
2005:	November 10, August 29, February 9
2004:	<i>None known</i>
2003:	May 22, March 23
2002:	May 30
2001:	November 30

QPLs displayed in **red** were not previously displayed on the Product Evaluation webpage. While the Product Evaluation program welcomes inquiries it can only provide a specific QPL that a product appeared on. It cannot answer questions regarding which products were used on a specific project or why one product was selected instead of another. Inquiries of that nature are best directed to the contractor who was awarded that work.