



QUALIFIED PRODUCTS LIST (QPL)

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On 12/31/18 NDOT removed the NCHRP 350 approved products from category 641.02.01 IMPACT ATTENUATOR. This action is being taken to keep NDOT's QPL compliant with the MASH-16 implementation plan. Products which were listed on the 12/17/18 QPL may be repaired but are no longer approved for replacement or new installation. If you have any questions on this matter, please contact Eric Dimit at 775-888-7523 or edimit@dot.nv.gov.

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Please note that NDOT will be removing all remaining non MASH-16 compliant products from the QPL on the following deadlines:

<u>Category Number</u>	<u>Category Description</u>	<u>Removal Date</u>
214.02.01	MAILBOX SUPPORT SYSTEMS	12/31/2019
618.02.01a	GUARDRAIL TERMINAL (flared and median)	12/31/2019
625.02.03	CHANGEABLE MESSAGE SIGNS	12/31/2019
625.02.04	IMPACT ATTENUATOR (TEMPORARY)	12/31/2019
625.02.05	IMPACT ATTENUATOR (TRUCK MOUNTED)	12/31/2019
625.02.06	WATER FILLED BARRIER RAIL	12/31/2019
625.03.03	SIGN SUPPORT SYSTEM	12/31/2019
625.03.04	BARRICADES	12/31/2019

NEVADA DEPARTMENT OF TRANSPORTATION

QUALIFIED PRODUCTS LIST (QPL)

213.02.17 BACKFLOW PREVENTER COVERS

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

214.02.01 MAILBOX SUPPORT SYSTEMS (TYPE C)

Vendor Name / Address	Product Name	Remarks
SHUR-TITE Products Gary Champ P.O. Box 2283 Round Rock TX 78680 gary@shur-tite.com	Phone: (512) 218-9500 Cell: (512) 971-9502 Fax: (512) 388-0417 www.shur-tite.com	Shur-Tite Multiple Mailbox Type C approved 7 /2 /2018
SHUR-TITE Products Gary Champ P.O. Box 2283 Round Rock TX 78680 gary@shur-tite.com	Phone: (512) 218-9500 Cell: (512) 971-9502 Fax: (512) 388-0417 www.shur-tite.com	Shur-Tite Single Mailbox Type C approved 7 /2 /2018
S-Square Tube Products Lori Beedon 2275 W. Midway Blvd., Unit C Broomfield CO 80037 admin@s-squartube.com	Phone: (303) 286-7051 Cell: (888) 267-6463 Fax: (866) 639-5717 www.s-squartube.com	NEX Single Mailbox System Type C approved 3 /29/2004
Traffic & Parking Control Company, Inc. (TAPCO) Matthew Francois 5100 West Brown Deer Road Brown Deer WI 53223 matthew.francois@tapconet.com	Phone: (262) 814-7310 Cell: (800) 236-0112 Fax: (800) 444-0331 www.tapconet.com/vloc	V-LOC Type C approved 11/4 /1997

401.03.02 ASPHALT RELEASE AGENTS

Vendor Name / Address	Product Name	Remarks
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401.03.02 ASPHALT RELEASE AGENTS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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 approved 7/12/2006
BG Chemical LP Jeff Gunter PO Box 720025 Dallas TX 75372 jgunter@bgchemical.com	Phone: (800) 725-8470 Cell: (214) 826-6822 Fax: (214) 826-7290 www.bgchemical.com	Black Magic approved 7/21/2000
BG Chemical LP Jeff Gunter PO Box 720025 Dallas TX 75372 jgunter@bgchemical.com	Phone: (800) 725-8470 Cell: (214) 826-6822 Fax: (214) 826-7290 www.bgchemical.com	GreenGuard approved 11/5/2009
Brody Chemical Richard Wagner 6125 W. Double Eagle Circle Salt Lake City UT 84118 richard@brodychemical.com	Phone: (801) 963-2436 Cell: (800) 488-2436 Fax: (801) 963-2437 www.brodychemical.com	First Choice Asphalt Release approved 6/15/2016
Compound Technologies Inc Vickie Grimes 70 Riverside Drive Cartersville GA 30120 vgrimes@asphaltrelease.com	Phone: (678) 721-4101 Cell: (770) 891-3307 Fax: (770) 386-3391 www.asphaltrelease.com	No 1 Dilution rates: 1:5 (water) for superpave mix designs; 1:20 (water) for conventional mix designs. approved 7/21/2000
Compound Technologies, Inc. Vickie Grimes 70 Riverside Drive SW Cartersville GA 30120 vgrimes@asphaltrelease.com	Phone: (678) 721-4101 Cell: (770) 891-3307 Fax: (770) 386-3391 www.asphaltrelease.com	BMF approved 6/15/2016
Compound Technologies, Inc. Vickie Grimes 70 Riverside Drive Cartersville GA 30120 vgrimes@asphaltrelease.com	Phone: (678) 721-4101 Cell: (770) 891-3307 Fax: (770) 386-3391 www.asphaltrelease.com	SPX-7 approved 9/25/2017
KT Chemicals, Inc. Karl Taft 1002 N Central Expressway Ste 499 Richardson TX 75080 info@kt-chemicals.com	Phone: (855) 932-2228 Cell: Fax: www.kt-chemicals.com	ClearRelease approved 6/15/2016

401.03.02 ASPHALT RELEASE AGENTS

Vendor Name / Address	Product Name	Remarks
Rhomar Industries David Slayden 2107 East Rockhurst Springfield MO 65802 dslayden@rhomar.com	Phone: (800) 688-6221 Cell: (417) 866-5592 Fax: (417) 866-5593 www.rhomar.com	Enviro-Slide Ultra approved 4 /26/2000

406.02.01 PRIME COAT MATERIAL

Vendor Name / Address	Product Name	Remarks
Ergon Asphalt and Emulsions Mo Rahman 3901 W. Ponderosa Way Las Vegas NV 89118-3018 mo.rahman@ergon.com	Phone: (480) 505-8079 Cell: Fax: ergonasphalt.com	ePrime Product is shipped ready to use (no dilution required). Application rates: Apply 0.20 gal per sq yd for prime coat; Apply 0.15 gal per sq yd for curing seal. approved 9 /11/2012
Marathon Petroleum Jim Ryan PO Box 5655 Bakersfield CA 93388 james.ryan@andeavor.com	Phone: (661) 392-3630 Cell: (661) 978-9357 Fax: (661) 399-1054 www.andeavor.com	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

408.02.05 ALL WEATHER ASPHALT COLD PATCH

Vendor Name / Address	Product Name	Remarks
Cold Mix Manufacturing Corporation Dario Amicucci 65 Edison Ave Mount Vernon NY 10550 sales@greenpatch.com	Phone: (800) 985-9192 Cell: Fax: (718) 463-0292 www.greenpatch.com	GreenPatch approved 8 /28/2013
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 Asphalt Repair approved 10/13/2011
QPR Lloyd Washington 7322 Bonnyshire Drive Chattanooga TN 37416 lwashington@qprmail.com	Phone: (800) 388-4338 Cell: (425) 553-6874 Fax: (423) 553-6879 www.qprusa.com	QPR High Performance Cold Patch approved 10/13/2011
Seaboard Asphalt Products Company Shawn Campbell 3601 Fairfield Road Baltimore MD 21226 sales@seaboardasphalt.com	Phone: (410) 355-0330 Cell: (800) 536-0332 Fax: (410) 355-5864 www.seaboardasphalt.com	Bond-X Green High Performance Cold Mix approved 9 /3 /2014

408.02.05 ALL WEATHER ASPHALT COLD PATCH

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

Unique Paving Materials Corporation William Stul 3993 East 93rd Street Cleveland OH 44105 wstull@uniquepavingmaterials.com	Phone: (800) 441-4880 Cell: (216) 533-2226 Fax: (216) 341-8514 www.uniquepavingmaterials.com	UPM High Performance Cold Mix approved 10/13/2011
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496.02.01 OVERLAY SYSTEM (POLYESTER)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488 www.atlasform.com	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: (866) 494-1772 Cell: (858) 442-8185 Fax: (858) 571-5043 www.kwikbondpolymers.com	PPC-1121 approved 3/13/2012
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497.02.01 ADHESIVES FOR MULTILAYER OVERLAYS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
E-Bond Epoxies Incorporated Steve Frank 3491 Old Cobble Court San Diego CA 92111 stevepolymerdek@sbcglobal.net	Phone: (858) 571-5043 Cell: (858) 442-8185 Fax: (858) 571-5043 www.polymerdek.com	E-Bond 526 approved 8/29/2009

E-Chem, LLC Raymond Breer 4102 El Rey Road SE Albuquerque NM 87105 ray@e-chem.net	Phone: (505) 217-2121 Cell: (720) 201-8810 Fax: (505) 217-3721 www.e-chem.net	EPX50-OVERLAY FAST approved 12/17/2018
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Olin Epoxy-POLY-CARB Ryan Supan 9456 Freeway Drive Macedonia OH 44056 ryan@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 223-5261 Fax: www.poly-carb.com	Poly-Carb Mark 163 Flexogrid approved 8/29/2009
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497.02.01 ADHESIVES FOR MULTILAYER OVERLAYS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Unitex Chemicals / Dayton Superior Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	Phone: (913) 596-9784 Cell: Fax: www.unitex-chemicals.com	Pro-Poxy Type III DOT ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com). approved 8 /29/2009

502.03.13b PREFORMED JOINT FILLERS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
BASF/Watson Bowman Acme Corp Tom Dybas 95 Pineview Drive Amherst NY 14228 thomas.dybas@basf.com	Phone: (716) 817-5407 Cell: (716) 817-5410 Fax: (716) 691-9239 www.wbacorp.com	JEENE Structural & Sealing Jt approved 8 /2 /2006
BASF/Watson Bowman Acme Corp Tom Dybas 95 Pineview Drive Amherst NY 14228 thomas.dybas@basf.com	Phone: (716) 817-5407 Cell: (716) 817-5410 Fax: (716) 691-9239 www.wbacorp.com	Wabo Evazote UV approved 8 /2 /2006
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 Robert Carnevale 11035 Walden Alden NY 14004 rcarnevale@rjwatson.com	Phone: (716) 901-7020 Cell: (716) 390-6323 Fax: (716) 901-7015 www.rjwatson.com	Silicoflex approved 12/7 /2000
Sunshine Industrial, Inc. Mack Hahn 5051 Merriam Drive Merriam KS 66203 mackh.sunshine@yahoo.com	Phone: (913) 362-6300 Cell: (816) 820-0035 Fax: (913) 362-6341 sunshineindustrial.com	Polytite N approved 5 /7 /2015
TechStar Incorporated Warren Brown 1219 West Main Cross Street Findlay OH 45840 warren@techstar-inc.com	Phone: (419) 424-0888 Cell: (419) 408-5469 Fax: (419) 424-5959 www.techstar-inc.com	W Seal approved 4 /19/1999

502.03.13c ASPHALTIC PLUG EXPANSION JOINTS

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

502.03.13d EXPANSION JOINT SEALANT

Vendor Name / Address	Product Name	Remarks
BASF/Watson Bowman Acme Corp Tom Dybas 95 Pineview Drive Amherst NY 14228 thomas.dybas@basf.com	Phone: (716) 817-5407 Cell: (716) 308-6799 Fax: (716) 691-9239 www.wbacorp.com	Wabo Silicone Seal Two part sealant approved 8/2/2006
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com	Phone: (925) 785-6241 Cell: Fax: usa.sika.com	Sikasil 728 RCS approved 10/15/2014
The Dow Chemical Company Jason Sika 12081 West Alameda Parkway #421 Lakewood CO 80228 jason.sika@dowcorning.com	Phone: (989) 496-3833 Cell: (303) 880-9614 Fax: (303) 484-6206 www.dowcorning.com	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@dowcorning.com	Phone: (989) 496-3833 Cell: (303) 880-9614 Fax: (303) 484-6206 www.dowcorning.com	DOWSIL 902 RCS Joint Sealant approved 4/22/2002

502.03.13e EXPANSION JOINT (SPECIAL)

Vendor Name / Address	Product Name	Remarks
Silicone Specialties Incorporated Eric Larson PO Box 50009 Tulsa OK 74150 eric.larsen@ssicm.com	Phone: (800) 888-8909 Cell: (713) 874-7017 Fax: (918) 582-7510 www.ssicm.com	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
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502.03.19 FINE SURFACE FINISH (BONDED GROUT)

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

502.03.22 JOINT SEALER (ALONG EDGES OF CONCRETE BARRIER RAIL)

Vendor Name / Address	Product Name	Remarks
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
Henry Company Randy Rozell 999 North Sepulveda Boulevard Suite 800 El Segundo CA 90245 rrozell@henry.com	Phone: (858) 668-9084 Cell: Fax: www.henry.com	Calseal Type 1, 2 or 4 depends on the climate zone approved 9 / 8 / 1998
Maxwell Products Incorporated Chris Robb 650 South Delong Street Salt Lake City UT 84104 chris.robb@maxwellproducts.com	Phone: (801) 972-2090 Cell: (801) 803-9281 Fax: (801) 972-5536 www.maxwellproducts.com	Elastoflex 650 Type 1, 2 or 4 depends on the climate zone approved 9 / 30 / 1996
Maxwell Products Incorporated Chris Robb 650 South Delong Street Salt Lake City UT 84104 chris.robb@maxwellproducts.com	Phone: (801) 972-2090 Cell: (801) 803-9281 Fax: (801) 972-5536 www.maxwellproducts.com	Elastoflex 670 Type 1, 2 or 4 depends on the climate zone approved 9 / 30 / 1996

502.03.22 JOINT SEALER (ALONG EDGES OF CONCRETE BARRIER RAIL)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Right Pointe, LLC Philippe Gauthier 234 Harvestore Drive DeKalb IL 60115 philippeg@rightpointe.com	Phone: (815) 754-5700 Cell: Fax: (815) 754-5702 www.rightpointe.com	RP 3719 Type 1, 2 or 4 depends on the climate zone approved 11/22/2016
Right Pointe, LLC Philippe Gauthier 234 Harvestore Drive DeKalb IL 60115 philippeg@rightpointe.com	Phone: (815) 754-5700 Cell: Fax: (815) 754-5702 www.rightpointe.com	RP 5078 B approved 9/25/2017

505.02.03 EPOXY COATINGS (FOR STEEL REINFORCING BARS)

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

600.02.01 TRENCH DRAINS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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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	A-67 Interceptor Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478 www.abtdrains.com	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	MHD 12 (12" ID) Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478 www.abtdrains.com	(12" Trench Drain System). This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 1 /17/2003
ABT Incorporated Brad Short 259 Murdock Road/PO Box 837 Troutman NC 28166 bshort@abtdrains.com	MHD 8 (8" ID) Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478 www.abtdrains.com	(8" Trench Drain System). This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 1 /17/2003
ABT Incorporated Brad Short 259 Murdock Road/PO Box 837 Troutman NC 28166 bshort@abtdrains.com	Polydrain Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478 www.abtdrains.com	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	XHD Phone: (800) 438-6057 Cell: (949) 633-6111 Fax: (704) 528-5478 www.abtdrains.com	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 1 /17/2003
Hubbell Lenoir City, Inc. Thomas Beattie 273 Willow Green Way Vacaville CA 95687 tbeattie@hubbell.com	Polycast 700 Phone: (800) 346-3061 Cell: (707) 291-6991 Fax: (865) 986-0585 www.polycastdrain.com	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 3 /2 /2005
Hubbell Lenoir City, Inc. Thomas Beattie 273 Willow Green Way Vacaville CA 95687 tbeattie@hubbell.com	Polycast 900R Phone: (800) 346-3061 Cell: (707) 291-6991 Fax: (865) 986-0585 www.polycastdrain.com	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 9 /18/2012
Multidrain Systems Incorporated Steve Born PO Box 7107 Statesville NC 28687 steve.born@multidrainsystems.com	EconoDrain Phone: (866) 634-6057 Cell: (704) 873-9081 Fax: (704) 873-9082 www.multidrainsystems.com	This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 4 /6 /2004

600.02.01 TRENCH DRAINS

Vendor Name / Address	Product Name	Remarks
Multidrain Systems Incorporated Steve Born PO Box 88 Barium Springs NC 28010 steve.born@multidrainsystems.com	Phone: (800) 433-1119 Cell: (704) 881-4064 Fax: (704) 508-1011 www.multidrainsystems.com	MultiDrain This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
		approved 4 /6 /2004

609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

Vendor Name / Address	Product Name	Remarks
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
BASF Corporation Doug Gray 889 Valley Park Drive Shakopee MN 55379 doug.gray@basf.com	Phone: (952) 496-6547 Cell: (801) 971-1071 Fax: (952) 496-6067 www.buildingstystems.basf.com	Master Emaco S466 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 1 /3 /2002
BASF Corporation Doug Gray 889 Valley Park Drive Shakopee MN 55379 doug.gray@basf.com	Phone: (952) 496-6547 Cell: (801) 971-1071 Fax: (952) 496-6067 www.buildingstystems.basf.com	Master Emaco T10-60 The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.
		approved 1 /3 /2002
BASF Corporation Doug Gray 889 Valley Park Drive Shakopee MN 55379 doug.gray@basf.com	Phone: (952) 496-6547 Cell: (801) 971-1071 Fax: (952) 496-6067 www.buildingstystems.basf.com	Master Emaco T545 DOT The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.
		approved 1 /3 /2002
Buzzi Unicem USA Incorporated William Krupa 100 Brodhead Road Suite 230 Bethlehem PA 18017 william.krupa@buzziunicemusa.com	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

609.03.02 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	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
Concrete Accessories, Inc. Jack Christiansen 3500 Meade Ave. Las Vegas NV 89102 jack@CaliNevada.com	Phone: (702) 873-4810 Cell: Fax: www.concreteaccessoriesinc.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
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	RS 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	RS 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	RS 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	RS 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. RS=Rapid Set	approved 1/27/1994
CTS Cement Manufacturing Corporation Grant Kao 12442 Knott Street Garden Grove CA 92841 gkao@ctscement.com	Phone: (657) 222-8040 Cell: (800) 929-3030 Fax: 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
Dayton Superior Corporation Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	Phone: (913) 596-9784 Cell: Fax: www.daytonsuperior.com	Dayton Superior HD-50 The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. Ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com).	approved 9/30/1996

609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

Vendor Name / Address	Product Name	Remarks
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@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 19320 Redwood Road Cleveland OH 44110 lewisbr@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 19320 Redwood Road Cleveland OH 44110 lewisbr@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 19320 Redwood Road Cleveland OH 44110 lewisbr@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 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	Speed Crete 2028 Rapid Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 1 /8 /2004
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	Speed Crete Green Line Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 1 /8 /2004
Five Star Products Inc. Ryan Taylor 60 Parrott Drive Shelton CT 06484 taylorr@fivestarprouducts.com	Highway Patch Phone: (800) 243-2206 Cell: (203) 336-7900 Fax: (203) 336-7930 www.fivestarprouducts.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /30/1996
Five Star Products Inc. Ryan Taylor 60 Parrott Drive Shelton CT 06484 taylorr@fivestarprouducts.com	Structural Concrete Phone: (800) 243-2206 Cell: (203) 336-7900 Fax: (203) 336-7930 www.fivestarprouducts.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /30/1996

609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Henkel Loctite Tom Lopez 3093 Remington Way Tracy CA 95377 tom.lopez@henkel.com	Loctite PC9410 MagnaCrete Phone: (209) 650-8317 Cell: Fax: www.loctite.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 4 /10/2006
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	Planigrout 712 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 Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 3 /24/2017
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	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 Tom Lundgren 79-923 Rancho La Quinta Dr. La Quinta CA 92253 tlundgren@mapei.com	Planitop 18 TG Phone: (360) 961-7360 Cell: Fax: www.mapei.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /24/2018
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	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
MasterSpec Materials, LLC Luisa Flores 806 Buchanan Blvd, Ste 115-294 Boulder City NV 89005 lflores@masterspecmaterials.com	RiteCrete Phone: (702) 997-8838 Cell: (702) 430-2407 Fax: www.masterspecmaterials.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /24/2018

609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Phosocrete Corporation Erica Gerhart 265 S. Federal Hwy #320 Deerfield Beach FL 33441 erica.gerhart@phosocrete.com	Phosocrete HC Phone: (561) 420-0595 Cell: Fax: (561) 420-0599 www.phosocrete.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 3/24/2017
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com	Sikacrete 321FS Phone: (925) 785-6241 Cell: Fax: usa.sika.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 12/28/2016
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com	Sikaquick 2500 Phone: (925) 785-6241 Cell: Fax: usa.sika.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 12/28/2016
SpecChem, LLC Colin Buchanan 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 cbuchanan@specchemllc.com	Repcon 928 Phone: (913) 233-9700 Cell: Fax: www.specchemllc.com	the use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 5/7/2013
US Concrete Products Ed Brennan 16 Greenmeadow Drive Timonium MD 21093 info@uscproducts.com	HP Cement Phone: (866) 827-8727 Cell: (410) 561-8770 Fax: (410) 561-8771 www.uscproducts.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 10/22/2004
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	US SPEC Quickset Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.uspec.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 3/24/2017
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	US SPEC R3 Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.uspec.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 3/24/2017
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	US SPEC Transpatch Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.uspec.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 3/24/2017

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

610.02.01 ARTICULATED CONCRETE BLOCK

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

610.02.01 ARTICULATED CONCRETE BLOCK

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Soil Retention Products, Inc. Nick Jansson 2501 State Street Carlsbad CA 92008 njansson@soilrentention.com	Phone: (760) 966-6090 Cell: Fax: (760) 966-6099 www.soilretention.com	Enviroflex 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)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
StrongGo, LLC Jennifer Rinn 3296 East Hemisphere Loop Tucson AZ 85706-5013 jrinn@stronggo.com	Phone: (866) 439-3216 Cell: (502) 547-3510 Fax: (520) 547-3515 www.stronggo.com	TekWay Dome Tiles Approved for concrete panels in NV Red ONLY.
		approved 11/27/2006
Transpo Industries Incorporated Mike Stenko 20 Jones Street New Rochelle NY 10801 mstenko@transpo.com	Phone: (800) 321-7870 Cell: (914) 636-1000 Fax: (914) 636-1282 www.transpo.com	Step-Safe DWS Approved for concrete panels in NV Red ONLY.
		approved 3 /26/2004
United Diamond & Stone, Inc. Darren Thomas 16788 Placer Hills Road Suite C Meadow Vista CA 95722 darren_thomas@sbcglobal.net	Phone: (530) 878-2440 Cell: (530) 320-4180 Fax: (530) 878-8263 www.uniteddiamondandstone.com	Cast-in-Tact 3 Approved for concrete panels in NV Red ONLY.
		approved 8 /20/2009

616.02.01 PLASTIC FENCE FABRIC

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

616.03.01 FENCE POST BAG MIX CONCRETE

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
No Vendors at this Time *** *** ***	Phone: Cell: Fax:	***
		approved 3 /12/2019

618.02.01 GUARDRAIL OFFSET BLOCKS

Vendor Name / Address	Product Name	Remarks
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 Used with w-beam and tri-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: 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
Trinity Highway Products, LLC Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	King-Block Used with steel post w-beam guardrails approved 5 /31/2005
Trinity Highway Products, LLC Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	King-Sized King Block Used with steel post tri-beam guardrails approved 5 /31/2005

618.02.01a GUARDRAIL TERMINAL

Vendor Name / Address	Product Name	Remarks
Lindsay Transportation Solutions Tom Smiley 180 River Road Rio Vista CA 94571 tony.smiley@lindsay.com	Phone: (707) 374-6800 Cell: Fax: (707) 374-6801 www.barriersystemsinc.com	MAX-Tension MEDIAN; MASH TL-3 approved 3 /27/2019
Lindsay Transportation Solutions Tom Smiley 180 River Road Rio Vista CA 94571 tony.smiley@lindsay.com	Phone: (707) 374-6800 Cell: Fax: (707) 374-6801 www.barriersystemsinc.com	MAX-Tension TANGENTIAL; MASH TL-3 approved 3 /27/2019

618.02.01a GUARDRAIL TERMINAL

Vendor Name / Address	Product Name	Remarks
Road Systems Incorporated John Durkos PO Box 2163 Big Spring TX 79721 jdurkos@roadsystems.com	Phone: (330) 346-0721 Cell: (432) 263-2435 Fax: (330) 346-0722 www.roadsystems.com	Fleat 350 FLARED; NCHRP 350, TL-3 Compliant approved 9 /29/2009
Road Systems Incorporated John Durkos PO Box 2163 Big Spring TX 79721 jdurkos@roadsystems.com	Phone: (330) 346-0721 Cell: (432) 263-2435 Fax: (330) 346-0722 www.roadsystems.com	Fleat SP FLARED; NCHRP 350, TL-3 Compliant approved 9 /29/2009
Road Systems Incorporated John Durkos PO Box 2163 Big Spring TX 79721 jdurkos@roadsystems.com	Phone: (330) 346-0721 Cell: (432) 263-2435 Fax: (330) 346-0722 www.roadsystems.com	MSKT (MASH Sequentially Kinking Terminal) TANGENTIAL; MASH, TL-3 Compliant approved 12/28/2016
Trinity Highway Products, LLC Paul Kruse 2525 N. Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.trinityhighway.com	SoftStop TANGENTIAL; MASH, TL-3 Compliant approved 7 /2 /2018
Trinity Highway Products, LLC Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	SRT 350 FLARED; NCHRP 350, TL-3 Compliant approved 3 /30/1997

619.02.01a GUIDEPOSTS (FLEXIBLE)

Vendor Name / Address	Product Name	Remarks
Carsonite Composites Keith Lewis 19845 US Highway 76 Newberry SC 29108 mklewis@frontier.com	Phone: (800) 648-7916 Cell: (503) 621-8528 Fax: (803) 276-8940 www.carsonite.com	Flexguard Post System Type 2; standard surface and soil/ground mount options available approved 1 /17/2013
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	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
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	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>	
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	SH Barrier Replaceable Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available	approved 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	SH Dura Post Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available	approved 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	SH K-Marker Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available	approved 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	SH Tubular Type 2; minimum embedment depth: 430 mm (17 inches); standard surface and surface/soil mount options available	approved 10/5 /2008
NDM Marketing Systems, Inc. Dale Wheeler 26 Gateway Drive Jasper GA 30143 info@ndm-inc.com	Phone: (706) 253-3040 Cell: (239) 464-6591 Fax: (706) 253-3041 www.ndm-inc.com	TSM Series	approved 9 /3 /2014
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 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

619.02.01a GUIDEPOSTS (FLEXIBLE)

<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 Model UR Type 2; standard surface and soil/ground mount options available approved 10/15/1999
SHUR-TITE Products Gary Champ P.O. Box 2283 Round Rock TX 78680 gary@shur-tite.com	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 2283 Round Rock TX 78680 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 2283 Round Rock TX 78680 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 2283 Round Rock TX 78680 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 2283 Round Rock TX 78680 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; standard surface and surface/soil mount options available approved 12/3 /2002

619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Carsonite Composites Int'l Bill Thurston 19845 US Highway 76 Newberry SC 29108 shsca@yahoo.com	Phone: (800) 648-7916 Cell: (800) 558-5850 Fax: (803) 276-8940 www.carsonite.com	Island Sentry K-Marker Type 2; standard surface and surface/soil mount options available approved 8 /1 /1989

619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.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
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	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
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	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
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	SH K-Marker Series Type 2; standard surface and soil/ground mount options available	approved 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	SH Replaceable Barrier Type 2; standard surface and surface/soil mount options available; minimum embedment depth: 430 mm (17 inches)	approved 10/5 /2008
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	SH Tubular Type 2; standard surface and soil/ground mount options available	approved 10/5 /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	BD Marker Round Type 2; standard surface and surface/soil mount options available	approved 6 /1 /1994
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	HM Marker Round Type 2; standard surface and surface/soil mount options available	approved 6 /1 /1994

619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
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	T1 Marker Round Type 2; standard surface and surface/soil mount options available	approved 6 /1 /1994
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	T2 Marker Round Type 2; standard surface and surface/soil mount options available	approved 6 /1 /1994
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 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 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	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 2283 Round Rock TX 78680 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

619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)

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

623.01.01 DYNAMIC MESSAGE SIGNS

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

623.02.08 SERVICE PEDESTALS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Milbank Manufacturing Company Dave Stipe 4801 Deramus Avenue Kansas City MO 64120 dstipe@milbankmfg.com	Phone: (660) 463-0827 Cell: (714) 743-0712 Fax: www.milbankmfg.com	Metered Service Pedestals approved 1 /15/2002
Myers Power Products Diana Grootenk 2950 East Philadelphia Street Ontario CA 91761 bids@myerspower.com	Phone: (909) 923-1800 Cell: (949) 375-3399 Fax: (909) 923-1806 www.myerspowerproducts.com	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 Scott Engberg 700 East McLeroy Boulevard Suite A Saginaw TX 76179 sengberg@chmindustries.com	Phone: (682) 286-0046 Cell: (817) 657-6973 Fax: (682) 286-0086 www.chmindustries.com	Series 426 Bottom latching approved 12/30/2003
Eagle High Mast, LLC Karen Simons 14904 E. Summit Drive Fountain Hills AZ 85268 himastlgt@aol.com or Eaglekaren@aol.com	Phone: (847) 473-3800 Cell: (847) 247-1100 Fax: (480) 248-6730 www.eaglehighmast.com	High Mast Assembly Bottom latching approved 1 /2 /2004

623.02.12c HIGH MAST HEAD FRAME ASSEMBLY

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Holophane Corporation Gary Gorans 4565 Fremonts Loop Rescue CA 95672 gary.gorans@holophane.com	Phone: (623) 465-9135 Cell: (916) 599-2588 Fax: (530) 676-7081 www.holophane.com	Series Holophane LD5 Lighting Lowering D Bottom latching approved 1 /2 /2004

623.02.16 DUCT SEALING COMPOUND

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

623.02.30a VEHICLE DETECTORS (PIEZOELECTRIC SENSORS)

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

623.02.30e LOOP DETECTOR SEALANT

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Automotive Aftermarket Division Nhan Nguyen 3M Center Bldg. 250-3E-02 St. Paul MN 55144 nhnguyen2@mmm.com	Phone: (651) 737-9833 Cell: (678) 438-6862 Fax: www.3mcollision.com	5000 Rubberized Loop Rubberized asphalt material approved 6 /16/2000
3M Automotive Aftermarket Division Nahn Nguyen 3M Center Bldg. 250-3E-02 St. Paul MN 55144 nhnguyen@mmm.com	Phone: (651) 737-9833 Cell: (678) 438-6862 Fax: www.3mcollision.com	P/N 606 Detector Loop Rubberized asphalt material approved 6 /16/2000
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513 www.crafco.com	271 Loop Detector Rubberized asphalt material approved 8 /5 /1998
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513 www.crafco.com	272 Loop Detector Rubberized asphalt material approved 8 /5 /1998

623.02.30e LOOP DETECTOR SEALANT

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

623.02.31 DRIVER FEEDBACK SIGNS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Traffic Logix Brett Ferrin 3 Harriett Lane Spring Valley NY 10977 bferrin@trafficlogix.com	Phone: (866) 915-6449 Cell: (801) 391-8784 Fax: (844) 405-6449 www.trafficlogix.com	Driver Feedback Signs approved 6 /14/2011
TraffiCalm Systems/MOR Manufacturing Karen Hentemann 5676 East Seltice Way Post Falls ID 83854 khentemann@trafficalm.com	Phone: (855) 738-2722 Cell: (208) 691-0102 Fax: www.mormanufacturing.com	TraffiCalm Radar Driver Feedback Signs approved 1 /13/2011

623.03.01 TRAFFIC SIGNALS

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

623.03.01 TRAFFIC SIGNALS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Excellence Opto, Inc. Cheryl Huang 21858 Garcia Lane City of Industry CA 91789 vendor@eoius.com	LED Traffic Signal Phone: (909) 468-0550 Cell: (626) 823-8639 Fax: (909) 468-0554 www.eoius.com	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	Pedestrian Traffic Signal Phone: (909) 468-0550 Cell: (626) 823-8639 Fax: (909) 468-0554 www.eoius.com	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
Leotek Electronics USA Corp Kimberly Konte 726 South Hillview Drive Milpitas CA 90744 kim@leotek.com	TSL-12R-LX-IL6-A1-P2 LED Traffic Signal Phone: (408) 381-1788 Cell: (602) 538-7194 Fax: (408) 518-8128 www.leotek.com	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	LED 12" Signal Heads (all) 16"x18" Tinted Ped Phone: (408) 380-1788 Cell: (903) 935-2695 Fax: (408) 518-8128 www.leotek.com	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	TSL-12GA-IL6-A1-P3 Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128 www.leotek.com	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	TSL-12G-LX-IL6-A1-P3 Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128 www.leotek.com	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	TSL-12RA-IL6-A1-P3 Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128 www.leotek.com	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	TSL-12R-LX-IL6-A1-P3 Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128 www.leotek.com	Must be Intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 4 /2 /2015

623.03.01 TRAFFIC SIGNALS

Vendor Name / Address	Product Name	Remarks
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) 935-2695 Fax: (408) 518-8128 www.leotek.com	TSL-PED-16-CIL-9 16" Countdown LED FH/MP 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: (408) 380-1788 Cell: (903) 935-2695 Fax: (408) 518-8128 www.leotek.com	TSL-PED-16-CIL-P1 Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications approved 11/7 /2012
Leotek Electronics USA, LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	Phone: (408) 380-1788 Cell: (903) 935-2695 Fax: (408) 518-8128 www.leotek.com	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
Trastar Incorporated Elaine Davis 860 North Dorothy Drive Suite 600 Richardson TX 75081 edavis@trastarusa.com	Phone: (972) 480-0888 Cell: Fax: (972) 480-8884 www.trastarusa.com	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 Elaine Davis 860 North Dorothy Drive Suite 600 Richardson TX 75081 edavis@trastarusa.com	Phone: (972) 480-0888 Cell: Fax: (972) 480-8884 www.trastarusa.com	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 Elaine Davis 860 North Dorothy Drive Suite 600 Richardson TX 75081 edavis@trastarusa.com	Phone: (972) 480-0888 Cell: Fax: (972) 480-8884 www.trastarusa.com	JXM 300/400 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

Vendor Name / Address	Product Name	Remarks
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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 George Townsend PO Box 158 Shrewsbury PA 17361 george@lumitrak.com	Phone: (717) 235-2863 Cell: (717) 818-8203 Fax: (717) 235-5076 www.lumitrak.com	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>
Artuk Gregg Schueler 1200 Abbott Drive Elgin IL 60123 sales@artukinc.com	Phone: (847) 841-7050 Cell: (847) 707-4698 Fax: (847) 488-9154 http://artukinc.com	FB 33 Flexible Barrier approved 2/2/1993
Artuk Gregg Schueler 1200 Abbott Drive Elgin IL 60123 sales@artukinc.com	Phone: (847) 841-7050 Cell: (847) 707-4698 Fax: (847) 488-9154 http://artukinc.com	FB34 approved 12/28/2016
Artuk Gregg Schueler 1200 Abbott Drive Elgin IL 60123 sales@artukinc.com	Phone: (847) 841-7050 Cell: (847) 707-4698 Fax: (847) 488-9154 http://artukinc.com	FT - Flex Tab approved 12/28/2016
Irwin Hodson Company Gary Johnson 2838 SE 9th Ave Portland OR 97202 garyj@ihco.com	Phone: (503) 419-4624 Cell: (503) 709-6608 Fax: (503) 239-5304 www.irwinhodson.com	A-Shape Highway Traffic Reflector Epoxy shall be used for fastening the reflective marker to the top of the concrete barrier rail approved 5/7/2015

625.02.02 MARKERS (REFLECTIVE ON CONCRETE BARRIER RAILS)

Vendor Name / Address	Product Name	Remarks
Irwin Hodson Company Gary Johnson 2838 SE 9th Ave Portland OR 97202 garyj@ihco.com	Phone: (503) 419-4624 Cell: (503) 709-6608 Fax: (503) 239-5304 www.ihco.com	Barrier Traffic Reflector Series approved 9/3/2013
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	DAPCO Straight Guardrail Reflector Plates Type II; standard surface and soil/ground mount options available approved 1/9/1995
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	PCBM 12H High Impact Type II; standard surface and soil/ground mount options available approved 11/3/2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	PCBM T12H High Impact Type II; standard surface and soil/ground mount options available approved 11/3/2009
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096 www.trafficwks.com	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

Vendor Name / Address	Product Name	Remarks
ADDCO Acquisition, LLC Customer Service 240 Arlington Avenue East St Paul MN 55117 sales@addco.com	Phone: (651) 488-8600 Cell: Fax: (651) 558-3600 www.addco.com	Sign Dot Sign DH1000 Type I approved 5/28/1996
American Signal Company Casey Inoue 2755 Bankers Industrial Drive Atlanta GA 30360 info@amsig.com	Phone: (770) 448-6650 Cell: Fax: (770) 448-8970 www.amsig.com	CMS GP 465 Regular and Type I approved 4/10/1997

625.02.03 CHANGEABLE MESSAGE SIGNS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
American Signal Company Casey Inoue 2755 Bankers Industrial Drive Atlanta GA 30360 info@amsig.com	Phone: (770) 448-6650 Cell: Fax: (770) 448-8970 www.amsig.com	CMS T331	Regular and Type I approved 4 /10/1997
National Signal, Inc. Geoff George 2440 Artesia Avenue Fullerton CA 92833 geoff@nationalsignalinc.net	Phone: (888) 994-0300 Cell: (714) 441-7707 Fax: (714) 441-7714 www.nationalsignalinc.com	Sunray Solar 345	Regular and Type I approved 4 /10/2000
National Signal, Inc. Geoff George 2440 Artesia Avenue Fullerton CA 92833 geoff@nationalsignalinc.net	Phone: (888) 994-0300 Cell: (714) 441-7707 Fax: (714) 441-7714 www.nationalsignalinc.com	Sunray Solar 380	Regular and Type I approved 4 /10/2000
Precision Solar Control, Inc. Charles Frick 2205 Hightower Drive Garland TX 75041 cfrick@nesl.com	Phone: (972) 278-0553 Cell: (800) 868-7414 Fax: (972) 278-8683 www.precisionsolarcontrols.com	SMC HE 1000	Regular approved 2 /22/1998
Signalisation-Ver-Mac Incorporated Kimberly Jack 1781 rue Bresse Sainte-Foy, Quebec G2G 2V2 kim.jack@ver-mac.com	Phone: (888) 488-7446 Cell: (418) 654-1303 Fax: (418) 654-0517 www.ver-mac.com	PCMS	Regular and Type I approved 2 /22/1998
Solar Technology Incorporated Maryse Kleckner 7620 Cetronia Road Allentown PA 18106 mkleckner@solartechnology.com	Phone: (610) 391-8600 Cell: (484) 223-4980 Fax: (610) 391-8601 www.solartechnology.com	Silent Messenger II	Type I approved 8 /14/2009
Solar Technology Incorporated Maryse Kleckner 7620 Cetronia Road Allentown PA 18106 mkleckner@solartechnology.com	Phone: (610) 391-8600 Cell: (484) 223-4980 Fax: (610) 391-8601 www.solartechnology.com	Silent Messenger III	Type I approved 8 /14/2009
Solar Technology Incorporated Maryse Kleckner 7620 Cetronia Road Allentown PA 18106 mkleckner@solartechnology.com	Phone: (610) 391-8600 Cell: (484) 223-4980 Fax: (610) 391-8601 www.solartechnology.com	Silent Messenger Solar Powered	Type I approved 2 /22/1998

625.02.03 CHANGEABLE MESSAGE SIGNS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Wanco, Inc. Bill Brewer 5870 Tennyson St. Arvada CO 80003 bill.brewer@wanco.com	Phone: (303) 427-5700 Cell: (714) 501-4272 Fax: (303) 867-3468 www.wanco.com	MVTM Mini Matrix Message Sign Regular and Type I approved 9/24/2018
Wanco, Inc. Daniel Sikora 5870 Tennyson St. Arvada CO 80003 daniel.sikora@wanco.com	Phone: (303) 427-5700 Cell: (800) 972-0755 Fax: (303) 427-5700 www.wanco.com	WTLMB-(A) or -(B) Regular and Type I approved 9/24/2018
Wanco, Inc. Dan Myers 5870 Tennyson St. Arvada CO 80003 dan.myers@wanco.com	Phone: (303) 427-5700 Cell: (800) 972-0755 Fax: (303) 427-5700 www.wanco.com	WVT3-(A) or -(B) Regular and Type I approved 9/24/2018
Wanco, Inc. Dan Myers 5870 Tennyson St. Arvada CO 80003 dan.myers@wanco.com	Phone: (303) 427-5700 Cell: (800) 972-0755 Fax: (303) 427-5700 www.wanco.com	WVTM-(A) or -(B) Regular and Type I approved 9/24/2018
Work Area Protection Corporation Keith Pipkins 2205 Hightower Drive Garland TX 75041 kpipkins@hillandsmith.com	Phone: (972) 278-0553 Cell: (214) 453-9840 Fax: (972) 278-8683 www.workareaprotection.com	PSC SMC 1000 ST Regular approved 7/18/2013
Work Area Protection Corporation Keith Pipkins 2205 Hightower Drive Garland TX 75041 kpipkins@hillandsmith.com	Phone: (972) 278-0553 Cell: (214) 453-9840 Fax: (972) 278-8683 www.workareaprotection.com	SMC / MMMC 4000 FM Mini Regular approved 2/27/2013
Work Area Protection Corporation Keith Pipkins 2205 Hightower Drive Garland TX 75041 kpipkins@hillandsmith.com	Phone: (972) 278-0553 Cell: (214) 453-9840 Fax: (972) 278-8683 www.workareaprotection.com	SMC 2000 FM ST Regular approved 11/7/2012

625.02.04 IMPACT ATTENUATOR (TEMPORARY)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	Energite III TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements. approved 4/14/1999

625.02.04 IMPACT ATTENUATOR (TEMPORARY)

Vendor Name / Address	Product Name	Remarks	
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Engergite III Module Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements.	approved 4 /26/2006
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Quadguard Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements.	approved 4 /26/2006
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	React 350 Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements.	approved 4 /14/1999
Lindsay Transportation Solutions / Barrier Systems Vance Ezell 3049 Golden State Frontage Rd Fresno CA 93725 vezell@stssi.com	Absorb 350 Phone: (559) 999-5015 Cell: Fax: www.barriersystemsinc.com	TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements.	approved 10/30/2009
Lindsay Transportation Solutions / Barrier Systems Vance Ezell 3049 Golden State Frontage Rd Fresno CA 93725 vezell@stssi.com	Universal Tau II Phone: (559) 999-5015 Cell: Fax: www.barriersystemsinc.com	TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements.	approved 10/30/2009
Lindsay Transportation Solutions / Barrier Systems Vance Ezell 3049 Golden State Frontage Rd Fresno CA 93725 vezell@stssi.com	XTENUator Phone: (559) 999-5015 Cell: Fax: www.barriersystemsinc.com	TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements.	approved 10/30/2009
PSS Benjamin Gascoigne 2444 Baldwin Road Cleveland OH 44104 benjamin.gascoigne@PSS-Innovations.com	CrashGard Sand Barrel Phone: (800) 662-6338 Cell: (216) 231-8590 Fax: (216) 231-2702 www.PSS-Innovations.com	TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements.	approved 9 /12/2012
Traffix Devices, Inc. Cary LeMonds 160 Avenida La Pata San Clemente CA 92673 clemonds@traffixdevices.com	Big Sandy 48247-SPI Temp Phone: (801) 979-7099 Cell: Fax: (949) 573-9290 www.traffixdevices.com	TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements.	approved 11/1 /2002

625.02.04 IMPACT ATTENUATOR (TEMPORARY)

Vendor Name / Address	Product Name	Remarks	
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	Big Sandy Sand Barrel 	TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements. approved 3 /23/2000
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) 	TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements. approved 3 /25/2016
Trinity Highway Products, LLC Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	QuadGuard II Narrow CZ TL-3 	This (24") attenuator shall only be allowed for use as a temporary end treatment. TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements. approved 3 /24/2017
Trinity Highway Products, LLC Paul Kruse 2525 N. Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.trinityhighway.com	QuadGuard M10 	MASH TL-3 approved 3 /27/2019
Trinity Highway Products, LLC Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	Triton Barrier CET TL-3 	TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements. approved 12/28/2016
Work Area Protection Jeffery Smith 2500 Production Drive St. Charles IL 60174 workarea@workareaprotection.com	Phone: (800) 327-4417 Cell: (630) 330-8063 Fax: (630) 377-9270 www.workareaprotection.com	SCI100GM 	MASH Approved, TL-3 compliant; Must be mounted on a concrete or asphalt slab per manufacturer's requirements. approved 2 /23/2007

625.02.05 IMPACT ATTENUATOR (TRUCK MOUNTED)

Vendor Name / Address	Product Name	Remarks	
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	Safe-Stop 180 TMA 	NCHRP 350, TL-3 Compliant; Required truck weight 7300 to 12,000 kg (16,096 to 26,460 lbs); Unit selected must have a manufacture recommended installation for the design speed specified in the bid item. approved 11/3 /1999
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	SS90HD 	NCHRP 350, TL-3 Compliant; Trailer Mounted - required truck weight 7,300 to 12,000 kg (16,096 to 26,460 lbs). Unit selected must have a manufacturer recommended installation for the design speed specified in the bid item. approved 12/4 /2014

625.02.05 IMPACT ATTENUATOR (TRUCK MOUNTED)

Vendor Name / Address	Product Name	Remarks
Gregory Industries Incorporated Eric Smith 4100 13th Street SW Canton OH 44710 esmith@gregorycorp.com	TTMA-100 Trailer Truck Mounted Attenuator Phone: (330) 477-4800 Cell: (330) 265-1168 Fax: (330) 477-0626 www.gregorycorp.com	NCHRP 350, TL-3 Compliant; 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 3 /4 /2015
Lindsay Transportation Solutions / Barrier Systems Vance Ezell 3049 Golden State Frontage Rd Fresno CA 93725 vezell@stssi.com	UMAD TMA Phone: (559) 999-5015 Cell: Fax: www.barriersystemsinc.com	NCHRP 350, TL-3 Compliant; Truck Mounted - Unit selected must have a manufacturer recommended installation for the design speed specified in the bid item. approved 10/10/2011
Lindsay Transportation Solutions / Barrier Systems Vance Ezell 3049 Golden State Frontage Rd Fresno CA 93725 vezell@stssi.com	U-MAD Trailer Phone: (559) 999-5015 Cell: Fax: www.barriersystemsinc.com	NCHRP 350, TL-3 Compliant; Trailer Mounted - Support Vehicle must be 18,998lbs (8613kg) +/- 992lbs(450kg). Unit length selected must be 129 inch TL-3 length cushion & must have a mnfr. recommended installation for the design speed specified in the bid item. approved 2 /25/2015
Traffix Devices, Inc. Cary LeMonds 160 Avenida La Pata San Clemente CA 92673 clemonds@traffixdevices.com	ScorPion C 10,000 Phone: (801) 979-7099 Cell: Fax: (949) 573-9290 www.traffixdevices.com	NCHRP 350, TL-3 Compliant; Required truck weight 9,000 kg (19,842 lb); Unit selected must have a manufacturer recommended installation for the design speed specified in the bid item. approved 7 /26/2000
Trinity Highway Products, LLC Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	MPS 350X Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	NCHRP 350, TL-3 Compliant; Truck Mounted - Required truck weight 6350 to 10,900 kg (16,090 to 19,845 lbs); Unit selected must have a manufacture recommended installation for the design speed specified in the bid item. approved 7 /2 /2018

625.02.06 WATER FILLED BARRIER RAIL

Vendor Name / Address	Product Name	Remarks
Armorcast Products Company Aria Aleong 13230 Saticoy Street North Hollywood CA 91605 aria@armorcastprod.com	Guardian Barrier Water Filled w/350 Kit Phone: (818) 982-3600 Cell: (714) 271-8754 Fax: (818) 982-7742 www.armorcastprod.com	Allowed for speeds less than or equal to 45 mph. approved 6 /23/1998
Energy Absorption Systems, Inc. Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Triton Barrier Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	Use 30 m (100 ft) minimum for LON for speeds less than or equal to 45 mph (white colored 6.5 ft sections). approved 3 /30/1997

625.02.06 WATER FILLED BARRIER RAIL

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Trinity Highway Products, LLC Paul Kruse 2525 North Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.TrinityHighway.com	Traffic Control System 2001 Allowed for speeds less than or equal to 45 mph. approved 11/27/2007

625.02.07 PORTABLE BEACON LIGHT SYSTEM

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

625.03.03 SIGN SUPPORT SYSTEM

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3A Composites, Inc. Amanda Goode 208 West 5th Street Benton KY 42025 amanda.goode@3acomposites.com	Phone: (877) 424-9860 Cell: (866) 278-3620 Fax: (866) 512-7199 www.graphicdisplayusa.com	Dibond for Highway Work Zone Signage Must conform to section 716. Alpolic sign substrate is allowed only with stands specified by the FHWA letters of acceptance approved 5 /9 /2006
Bone Safety Signs Chris Goode 6450 Industrial Way Alpharetta GA 30004 chris@bonesafety.com	Phone: (770) 333-1635 Cell: (352) 598-5308 Fax: (770) 333-1639 www.bonesafety.com	Bone Light 4MM ACM Aluminum Composite Approved for RIGID SIGN substrates as specified by the FHWA letter of acceptance; attached signs must conform to section 716 approved 10/16/2008
Bone Safety Signs Chris Goode 6450 Industrial Way Alpharetta GA 30004 chris@bonesafety.com	Phone: (770) 333-1635 Cell: (352) 598-5308 Fax: (770) 333-1639 www.bonesafety.com	SZ-412 Approved for ROLL-UP signs only; attached signs must conform to section 716. approved 10/16/2008
Bone Safety Signs Chris Goode 6450 Industrial Way Alpharetta GA 30004 chris@bonesafety.com	Phone: (770) 333-1635 Cell: (352) 598-5308 Fax: (770) 333-1639 www.bonesafety.com	SZ-412-2S Approved for RIGID SIGN substrates as specified by the FHWA letter of acceptance; attached signs must conform to section 716. approved 10/16/2008
Bone Safety Signs Chris Goode 6450 Industrial Way Alpharetta GA 30004 chris@bonesafety.com	Phone: (770) 333-1635 Cell: (352) 598-5308 Fax: (770) 333-1639 www.bonesafety.com	SZ-412-S Approved for ROLL-UP SIGNS only; attached signs must conform to section 716. approved 9 /24/2018

625.03.03 SIGN SUPPORT SYSTEM

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Bone Safety Signs Chris Goode 6450 Industrial Way Alpharetta GA 30004 chris@bonesafety.com	Phone: (770) 333-1635 Cell: (352) 598-5308 Fax: (770) 333-1639 www.bonesafety.com	SZ-460 Approved for ROLL-UP signs only; attached signs must conform to section 716.
		approved 10/16/2008
Bone Safety Signs Chris Goode 6450 Industrial Way Alpharetta GA 30004 chris@bonesafety.com	Phone: (770) 333-1635 Cell: (352) 598-5308 Fax: (770) 333-1639 www.bonesafety.com	SZ-460-2S Approved for RIGID SIGN substrates as specified by the FHWA letter of acceptance; attached signs must conform to section 716.
		approved 10/16/2008
Bone Safety Signs Chris Goode 6450 Industrial Way Alpharetta GA 30004 chris@bonesafety.com	Phone: (770) 333-1635 Cell: (352) 598-5308 Fax: (770) 333-1639 www.bonesafety.com	SZ-484 Approved for ROLL-UP signs only; attached signs must conform to section 716.
		approved 10/16/2008
Bone Safety Signs Chris Goode 6450 Industrial Way Alpharetta GA 30004 chris@bonesafety.com	Phone: (770) 333-1635 Cell: (352) 598-5308 Fax: (770) 333-1639 www.bonesafety.com	SZ-484-2S Approved for RIGID SIGN substrates as specified by the FHWA letter of acceptance; attached signs must conform to section 716.
		approved 10/16/2008
Dicke Tool Company Michael Burke 1845 Anunsen Street NE Salem OR 97301 mike@dicketool.com	Phone: (800) 333-5641 Cell: (206) 818-9277 Fax: (800) 695-6054 www.dicketool.com	DF3000S Dynaflex Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance
		approved 12/7 /1998
Dicke Tool Company Michael Burke 1845 Anunsen Street NE Salem OR 97301 mike@dicketool.com	Phone: (800) 333-5641 Cell: (206) 818-9277 Fax: (800) 695-6054 www.dicketool.com	DF3000W Dynaflex Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance
		approved 12/7 /1998
Dicke Tool Company Michael Burke 1845 Anunsen Street NE Salem OR 97301 mike@dicketool.com	Phone: (800) 333-5641 Cell: (206) 818-9277 Fax: (800) 695-6054 www.dicketool.com	DF3003S Dynaflex Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance
		approved 12/7 /1998
Dicke Tool Company Michael Burke 1845 Anunsen Street NE Salem OR 97301 mike@dicketool.com	Phone: (800) 333-5641 Cell: (206) 818-9277 Fax: (800) 695-6054 www.dicketool.com	DF3003W Dynaflex Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance
		approved 12/7 /1998

625.03.03 SIGN SUPPORT SYSTEM

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Dicke Tool Company Michael Burke 1845 Anunsen Street NE Salem OR 97301 mike@dicketool.com	DL1003W Dynaflex Phone: (800) 333-5641 Cell: (206) 818-9277 Fax: (800) 695-6054 www.dicketool.com	Must conform to section 716. Dibond susbstrate is allowed only with stands specified by the FHWA letters of acceptance approved 12/7 /1998
Dicke Tool Company Michael Burke 1845 Anunsen Street NE Salem OR 97301 mike@dicketool.com	UF2000 Uniflex Vertical Portable Phone: (800) 333-5641 Cell: (206) 818-9277 Fax: (800) 695-6054 www.dicketool.com	Must conform to section 716. Dibond susbstrate is allowed only with stands specified by the FHWA letters of acceptance approved 12/7 /1998
Eastern Metal Sarah Jordan 1430 Sullivan Street Elmira NY 14901 sjordan@usa-sign.com	C200 Phone: (800) 872-7446 Cell: (607) 734-2295 Fax: (607) 734-8783 easternmetalsignandsafety.com	must conform to section 716. Dibond susbstrate is allowed only with stands specified by the FHWA letters of acceptance approved 5 /31/2000
Eastern Metal Sarah Jordan 1430 Sullivan Street Elmira NY 14901 sjordan@usa-sign.com	C202 Phone: (800) 872-7446 Cell: (607) 734-2295 Fax: (607) 734-8783 easternmetalsignandsafety.com	Must conform to section 716. Dibond susbstrate is allowed only with stands specified by the FHWA letters of acceptance approved 5 /31/2000
Eastern Metal Sarah Jordan 1430 Sullivan Street Elmira NY 14901 sjordan@usa-sign.com	C902 Superflex Compact Stand w/Fiberglass Leaf Spr Phone: (800) 872-7446 Cell: (607) 734-2295 Fax: (607) 734-8783 easternmetalsignandsafety.com	Must conform to section 716. Dibond susbstrate is allowed only with stands specified by the FHWA letters of acceptance approved 5 /31/2000
Eastern Metal Sarah Jordan 1430 Sullivan Street Elmira NY 14901 sjordan@usa-sign.com	Superflex Compact Stand w/Fiberglass Leaf Spr Phone: (800) 872-7446 Cell: (607) 734-2295 Fax: (607) 734-8783 easternmetalsignandsafety.com	Must conform to section 716. Dibond susbstrate is allowed only with stands specified by the FHWA letters of acceptance approved 5 /31/2000
Eastern Metal Sarah Jordan 1430 Sullivan Street Elmira NY 14901 sjordan@usa-sign.com	X501 FS Coil Spring Phone: (800) 872-7446 Cell: (607) 734-2295 Fax: (607) 734-8783 easternmetalsignandsafety.com	Must conform to section 716. Dibond susbstrate is allowed only with stands specified by the FHWA letters of acceptance approved 4 /4 /2000
Eastern Metal Sarah Jordan 1430 Sullivan Street Elmira NY 14901 sjordan@usa-sign.com	X550 FS Coil Spring Phone: (800) 872-7446 Cell: (607) 734-2295 Fax: (607) 734-8783 easternmetalsignandsafety.com	Must conform to section 716. Dibond susbstrate is allowed only with stands specified by the FHWA letters of acceptance approved 4 /4 /2000

625.03.03 SIGN SUPPORT SYSTEM

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>		
Eastern Metal Sarah Jordan 1430 Sullivan Street Elmira NY 14901 sjordan@usa-sign.com	Phone: (800) 872-7446 Cell: (607) 734-2295 Fax: (607) 734-8783 easternmetalsignsandsafety.com	X551 FS Coil Spring	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 4 /4 /2000
Eastern Metal Sarah Jordan 1430 Sullivan Street Elmira NY 14901 sjordan@usa-sign.com	Phone: (800) 872-7446 Cell: (607) 734-2295 Fax: (607) 734-8783 easternmetalsignsandsafety.com	X600 FS Coil Spring	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 4 /4 /2000
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	SS1	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	SS548	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	SS548A	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	SS548AE	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	SS548C	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	SS548CA	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003

625.03.03 SIGN SUPPORT SYSTEM

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	SS548CAE Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance approved 1 /24/2003
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	SS548CE Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance approved 1 /24/2003
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	SS548E Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance approved 1 /24/2003
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	SS548UC Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance approved 1 /24/2003
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	SS548UCA Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance approved 1 /24/2003
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	SS548UCR Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance approved 1 /24/2003
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	SS548UCRA Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance approved 1 /24/2003
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	SS560 Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance approved 1 /24/2003

625.03.03 SIGN SUPPORT SYSTEM

Vendor Name / Address	Product Name	Remarks		
Korman Signs Incorporated John Murray 3029 Lincoln Avenue Richmond VA 23228-4295 jam@kormansigns.com	Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040 www.kormansigns.com	SS560A	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003
Marketing Displays International Eydie Case 38271 West Twelve Mile Road Farmington Hills MI 48331 tcpsales@mdiworldwide.com	Phone: (800) 521-6776 Cell: (248) 488-5762 Fax: (248) 488-5700 www.mditraficcontrol.com	4812	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003
Marketing Displays International Eydie Case 38271 West Twelve Mile Road Farmington Hills MI 48331 tcpsales@mdiworldwide.com	Phone: (800) 521-6776 Cell: (248) 488-5762 Fax: (248) 488-5700 www.mditraficcontrol.com	4814K Windmaster	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003
Marketing Displays International Eydie Case 38271 West Twelve Mile Road Farmington Hills MI 48331 tcpsales@mdiworldwide.com	Phone: (800) 521-6776 Cell: (248) 488-5762 Fax: (248) 488-5700 www.mditraficcontrol.com	4815RB	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003
Marketing Displays International Eydie Case 38271 West Twelve Mile Road Farmington Hills MI 48331 tcpsales@mdiworldwide.com	Phone: (800) 521-6776 Cell: (248) 488-5762 Fax: (248) 488-5700 www.mditraficcontrol.com	4818	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003
Marketing Displays International Eydie Case 38271 West Twelve Mile Road Farmington Hills MI 48331 tcpsales@mdiworldwide.com	Phone: (800) 521-6776 Cell: (248) 488-5762 Fax: (248) 488-5700 www.mditraficcontrol.com	4850RB	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003
Marketing Displays International Eydie Case 38271 West Twelve Mile Road Farmington Hills MI 48331 tcpsales@mdiworldwide.com	Phone: (800) 521-6776 Cell: (248) 488-5762 Fax: (248) 488-5700 www.mditraficcontrol.com	4860KC	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003
Marketing Displays International Eydie Case 38271 West Twelve Mile Road Farmington Hills MI 48331 tcpsales@mdiworldwide.com	Phone: (800) 521-6776 Cell: (248) 488-5762 Fax: (248) 488-5700 www.mditraficcontrol.com	4884CS	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003

625.03.03 SIGN SUPPORT SYSTEM

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

625.03.04 BARRICADES

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Bent MFG. CO. BDAA, Inc. Bruce Bent 15442 Chemical Lane Huntington Beach CA 92649 freight@bentmfg.com	Phone: (888) 842-0600 Cell: (714) 842-0600 Fax: (888) 842-2368 www.bentmfg.com	All Plastic Universal Waffle & Steel Legged Type 1 and Type 2; with or without lights	approved 5 /2 /2006
Bent MFG. CO. BDAA, Inc. Bruce Bent 15442 Chemical Lane Huntington Beach CA 92649 freight@bentmfg.com	Phone: (888) 842-0600 Cell: (714) 842-0600 Fax: (888) 842-2368 www.bentmfg.com	Plywood Panel Barricade Type 3; with or without lights	approved 3 /10/2000
Myers & Sons Hi-Way Safety, Inc. Dave Coutts 13310 5th Street Chino CA 91710 dcoutts@hiwaysafety.com	Phone: (800) 228-1701 Cell: (909) 591-1781 Fax: (909) 657-0999 www.hiwaysafety.com	Type I Barricade (Wood/Steel) Type 1 Barricade wood/steel 8" panel only	approved 12/3 /2012
Myers & Sons Hi-Way Safety, Inc. Dave Coutts 13310 5th Street Chino CA 91710 dcoutts@hiwaysafety.com	Phone: (800) 228-1701 Cell: (909) 591-1781 Fax: (909) 657-0999 www.hiwaysafety.com	Type I Roadmarker Barricade (All Plastic) Type 1	approved 12/3 /2012

625.03.04 BARRICADES

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Myers & Sons Hi-Way Safety, Inc. Dave Coutts 13310 5th Street Chino CA 91710 dcoutts@hiwaysafety.com	Type II Barricade (Wood/Steel) Phone: (800) 228-1701 Cell: (909) 591-1781 Fax: (909) 657-0999 www.hiwaysafety.com	Type 2 Barricade wood/steel 8" panel only approved 12/3 /2012
Myers & Sons Hi-Way Safety, Inc. Dave Coutts 13310 5th Street Chino CA 91710 dcoutts@hiwaysafety.com	Type II Roadmarker Barricade (All Plastic) Phone: (800) 228-1701 Cell: (909) 591-1781 Fax: (909) 657-0999 www.hiwaysafety.com	Type 2 approved 12/3 /2012
Myers & Sons Hi-Way Safety, Inc. Dave Coutts 13310 5th Street Chino CA 91710 dcoutts@hiwaysafety.com	Type III Barricade (Wood/Steel) Phone: (800) 228-1701 Cell: (909) 591-1781 Fax: (909) 657-0999 www.hiwaysafety.com	Type 3 Barricade wood/steel 8" panel only approved 12/3 /2012
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Barricade Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	Type 3B; with or without lights approved 11/5 /2009
Pexco, LLC Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	O-Frame Barricade Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	Type 3B; with or without lights approved 11/5 /2009
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Plasticade Angle Iron Type III Barricade Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: (847) 966-8074 www.plasticade.com	Type 3 approved 12/31/2012
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Plasticade Telespar Type III Barricade Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: (847) 966-8074 www.plasticade.com	Type 3 approved 12/31/2012
Plasticade Henry Ross 100 Howard Avenue Des Plaines IL 60018 hross@plasticade.com	Sentinel Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: (847) 955-8074 www.plasticade.com	Type 3 approved 2 /21/2007

625.03.04 BARRICADES

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
PSS Benjamin Gascoigne 2444 Baldwin Road Cleveland OH 44104 benjamin.gascoigne@PSS-Innovations.com www.PSS-Innovations.com	Anchor Mast Barricade	Type 3; with or without lights	approved 5 /5 /2010
R.A. Lucas Company, Inc. Raeleen Lucas 5182 Katella Avenue Suite #104-B Los Alamitos CA 90720 lucasco@ralucasco.com www.ralucasco.com	42" Channelizer	Type 3; standard surface/soil mount options available	approved 1 /23/2001
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com www.trafficwks.com	TD 2100 Works Barricade	Type 1 and Type 2 Cannot be used in configuration that is wider than was tested - 24"	approved 10/31/2002
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com www.trafficwks.com	TD 2150 Works Barricade	Type 1 and Type 2 Cannot be used in configuration that is wider than was tested - 24"	approved 10/31/2002
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com www.trafficwks.com	TD 2200 Works Barricade	Type 1 and Type 2 Cannot be used in configuration that is wider than was tested	approved 10/14/2004
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com www.trafficwks.com	TD 2250 Works Barricade	Type 1 and Type 2 Cannot be used in configuration that is wider than was tested	approved 10/14/2004
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com www.trafficwks.com	TD 2300 Works Barricade	Type 1 and Type 2; cannot be used in configuration that is wider than was tested	approved 10/14/2004
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com www.trafficwks.com	TD 2400 All Plastic	Type 3B; cannot be used in configuration that is wider than was tested	approved 10/14/2004

627.02.01 THERMOPLASTIC SIGN PANELS

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

630.02.01 HEADLIGHT GLARE SCREENS

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

632.03.05 RETROREFLECTOMETERS

Vendor Name / Address	Product Name	Remarks
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	LTL-2000 discontinuing 10/08 LTL 2000 Geometry Retroreflectometer was discontinued but still qualifies approved 6 /1 /1999
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	LTL-X 30 Meter Geometry approved 6 /1 /1999
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	LTL-X Mark II approved 9 /25/2017

632.03.05 RETROREFLECTOMETERS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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
RoadVista Eric Nelson 9925 Carroll Canyon Road San Diego CA 92131 enelson@roadvista.com	Phone: (858) 279-6044 Cell: (888) 637-2758 Fax: (858) 576-9286 www.roadvista.com	LaserLux CEN 30 LaserLux CEN 30 Mobile 10/08 MX 30 Retroreflector was discontinued but still qualifies; 12/16 CEN 30 both the mobile and portable units have been discontinued but still qualify. approved 12/5 /2016
RoadVista Eric Nelson 9925 Carroll Canyon Road San Diego CA 92131 enelson@roadvista.com	Phone: (858) 279-6044 Cell: (888) 637-2758 Fax: (858) 576-9286 www.roadvista.com	LaserLux G7 Mobile approved 9 /25/2017
RoadVista Eric Nelson 9925 Carroll Canyon Road San Diego CA 92131 enelson@roadvista.com	Phone: (858) 279-6044 Cell: (888) 637-2758 Fax: (858) 576-9286 www.roadvista.com	StripeMaster Series I approved 5 /27/2010
RoadVista Eric Nelson 9925 Carroll Canyon Road San Diego CA 92131 enelson@roadvista.com	Phone: (858) 279-6044 Cell: (888) 637-2758 Fax: (858) 576-9286 www.roadvista.com	StripeMaster Series II approved 5 /27/2010

633.02.01 PAVEMENT MARKERS (NON-REFLECTIVE, PERMANENT)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Alpine Products Bart Farrar 550 3rd Street SW, Building C Auburn WA 98001 bart@alpinemarkings.com	Phone: (253) 351-9828 Cell: Fax: (253) 735-6303 www.alpinemarkings.com	DDOT ABS 100 mm (4") round approved 6 /2 /1999
Apex Universal Incorporated Steve Edsinga 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 805-3839 Fax: (562) 944-2298 www.apexmarker.com	929 ABS 100 mm (4") round approved 6 /1 /1999
Apex Universal Incorporated Steve Edsinga 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 805-3839 Fax: (562) 944-2298 www.apexmarker.com	929 PP 100 mm (4") round approved 6 /1 /1999

633.02.01 PAVEMENT MARKERS (NON-REFLECTIVE, PERMANENT)

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

633.02.02 PAVEMENT MARKERS (REFLECTIVE, PERMANENT)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	290 Durable Raised 89 mm x 100 mm (3.6"X4") approved 6 /1 /1999
Apex Universal Incorporated Steve Edsinga 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 805-3839 Fax: (562) 944-2298 www.apexmarker.com	921 AR approved 6 /1 /1999
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com	C80-FH Raised Pavement Marker approved 2 /6 /2002
Ray-O-Lite A Division of Pac-Tec Inc Todd Sowell 5401 N. Sam Houston Parkway W Houston TX 77086 customerservice@rayolite.com	Phone: (800) 848-7025 Cell: (281) 617-2240 Fax: (281) 583-1506 www.rayolite.com	AA 100 mm x 100 mm (4"X4") approved 6 /1 /1999

633.02.04 PAVEMENT MARKERS ADHESIVE

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Martin Asphalt Company Dolly Navarrete 300 Christy Place South Houston TX 77587 dolly.navarrete@martinmlp.com	Phone: (713) 943-5210 Cell: (713) 941-4410 Fax: (713) 947-4908 www.martinasphalt.com	Evergrip Flexible GTR BMA approved 6/15/2016
Seal Bond Kelly Iverson 14851 Michael Lane Spring Lake MN 49456 kiverson@seal-bond.com	Phone: (800) 252-4144 Cell: Fax: (616) 850-0530 www.seal-bond.com	SB 9113 Traffic Reflector Adhesive approved 9/25/2017

633.02.05 LANE LINE MARKERS (REFLECTIVE, TEMPORARY)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Apex Universal Incorporated Steve Edsinga 11033 Forest Place Santa Fe Springs CA 90670 sales@apexmarker.com	Phone: (562) 944-8878 Cell: (562) 805-3839 Fax: (562) 944-2298 www.apexmarker.com	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
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
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
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

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)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	710 WRR WRR = Wet Reflective Removable white/yellow available	approved 8 /16/2006
Advance Traffic Markings Raeleen Lucas 5182 Katella Ave. #104-B Los Alamitos CA 90720 lucasco@ralucasco.com	Phone: (562) 799-6160 Cell: (714) 397-4428 Fax: (562) 799-6150 www.ralucasco.com	200 Construction R R = Removeable white/yellow available	approved 9 /24/2003
Brite Line Technologies Shea Durkin 10660 E. 51st Ave Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	Series 100R R = Removeable white/yellow available	approved 6 /15/1999
Brite Line Technologies Shea Durkin 10660 E. 51st Ave Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	Series 200R R = Removeable white/yellow available	approved 6 /15/1999
Brite Line Technologies Shea Durkin 10660 E. 51st Ave Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	Series Deltaline TWR TWR = Temporary Wet Removeable white/yellow available	approved 6 /15/1999
Swarco Industries / Traffic Mgt Johnathan Knudson 270 Rutherford Lane / PO Box 89 Columbia TN 38401 mark.colombo@swarco.com	Phone: (931) 560-4158 Cell: (314) 221-7833 Fax: (314) 729-1797 www.swarco.com	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.tape4.com	Aztec III R R = Removeable white/yellow available alt. contact is David Littleton (e) david@tape4.com	approved 6 /7 /2013

637.03.02 DUST PALLIATIVE (OPTIONAL)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
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	Road Boss Application and dilution rates follow manufacturer's instructions	approved 11/8 /2005

637.03.02 DUST PALLIATIVE (OPTIONAL)

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
Dallas Roadway Products, Inc. Ellyn Neal-Favors 15601 Dallas Parkway, Suite 900 Addison TX 75001 dallasroadway@yahoo.com	Phone: (972) 383-1577 Cell: (214) 846-5059 Fax: (972) 419-6377 www.dallasroadway.com	Dust Control DC-22	Application and dilution rates follow manufacturer's instructions	approved 6 /19/2006
G.M. Boston Company International, LLC Craig Hoad PO Box 121 Sunset Beach CA 90742-0121 craighoad@gmbostoncompany.com	Phone: (562) 592-0836 Cell: (949) 533-6799 Fax: (949) 722-6799 gmbostoncompany.com	PX 300	Application and dilution rates follow manufacturer's instructions; application and dilution rate: 20 gal of water / 1 gal of product per 200 square feet of area	approved 6 /10/2003
Hercules Environmental, Inc. Rob Hotle 6596 New Peachtree Road Doraville GA 30340 hercenv@herculesenvironmental.com	Phone: (770) 303-0878 Cell: Fax: (770) 455-6531 www.herculesenvironmental.net	SOILOC-MQ-Dust Suppressant	Application and dilution rates follow manufacturer's instructions; application rate of diluted mixture 0.35m2 / L (14 sq.ft. / gal.)	approved 5 /2 /1999
Hercules Environmental, Inc. Rob Hotle 6596 New Peachtree Road Doraville GA 30340 hercenv@herculesenvironmental.com	Phone: (770) 303-0878 Cell: Fax: (770) 455-6531 www.herculesenvironmental.net	SOILOC-PAM	Application and dilution rates follow manufacturer's instructions; application rate of diluted mixture 0.35m2 / L (14 sq.ft. / gal.)	approved 5 /2 /1999
Innovative Turf Solutions Melissa Schrand 3318 Glenmont Lane Cincinnati OH 45248 mrs@innovativeturfsolutions.com	Phone: (513) 317-8311 Cell: (513) 317-8311 Fax: (513) 672-9633 www.innovativeturfsolutions.com	EnviroPam (powder) EnviroPam L (liquid)	Application and dilution rates follow manufacturer's instructions	approved 2 /16/2011
LSC Environmental Products, LLC Brian Foster 2183 Pennsylvania Avenue Apalachin NY 13732 bfoster@lscenv.com	Phone: (800) 800-7671 Cell: (661) 706-7240 Fax: (661) 587-6806 www.lscenv.com	Earth Bound		approved 2 /16/2011
LSC Environmental Products, LLC Brian Foster 2183 Pennsylvania Avenue Apalachin NY 13732 bfoster@lscenv.com	Phone: (800) 800-7671 Cell: (661) 706-7240 Fax: (661) 587-6806 www.lscenv.com	EarthGuard	Application and dilution rates follow manufacturer's instructions	approved 11/2 /2001
LSC Environmental Products, LLC Brian Foster 2183 Pennsylvania Avenue Apalachin NY 13732 bfoster@lscenv.com	Phone: (800) 800-7671 Cell: (661) 706-7240 Fax: (661) 587-6806 www.lscenv.com	EarthGuard Fiber Matrix	Application and dilution rates follow manufacturer's instructions	approved 11/2 /2001

637.03.02 DUST PALLIATIVE (OPTIONAL)

Vendor Name / Address	Product Name	Remarks	
Marathon Petroleum Jim Ryan P.O. Box 5655 Bakersfield CA 93388 james.ryan@andeavor.com	Phone: (661) 392-3630 Cell: (661) 978-9357 Fax: (661) 399-1054 www.andeavor.com	Topein S Emulsion Application and dilution rates follow manufacturer's instructions	approved 2 /28/2002
Midwest Industrial Supply, Inc. Kimberly Maciel 1101 3rd Street SE Canton OH 44701 kim@midwestind.com/custserv@midwestind	Phone: (330) 456-3121 Cell: Fax: (330) 456-3247 www.midwestind.com	EnviroKleen Application and dilution rates follow manufacturer's instructions; application rate: initial treatment 50-120 sq ft / gal; maintenance application: 120-500 sq ft/gal	approved 1 /13/2000
Midwest Industrial Supply, Inc. Kimberly Keith 1101 3rd Street SE Canton OH 44701 kim@midwestind.com/custserv@midwestind	Phone: (330) 456-3121 Cell: Fax: (330) 456-3247 www.midwestind.com	Soil Sement Application and dilution rates follow manufacturer's instructions; application rate: initial treatment 50-120 sq ft / gal; maintenance application: 120-500 sq ft/gal	approved 1 /13/2000
NU Equipment Incorporated Daniel Frehner PO Box 750907 Las Vegas NV 89136 daniel@nuequipment.com	Phone: (702) 649-8767 Cell: (702) 325-2323 Fax: (702) 649-8446 www.nuequipment.com	Plas-Bond Application and dilution rates follow manufacturer's instructions; should be ONLY used in areas that will not be disturbed by vehicle or foot traffic	approved 11/13/2000
NU Equipment Incorporated Daniel Frehner PO Box 750907 Las Vegas NV 89136 daniel@nuequipment.com	Phone: (702) 649-8767 Cell: (702) 325-2323 Fax: (702) 649-8446 www.nuequipment.com	Soiltac Application and dilution rates follow manufacturer's instructions; should be ONLY used in areas that will not be disturbed by vehicle or foot traffic	approved 11/13/2000
Pennzsuppress Corporation Emily Montgomery PO Box 543173 Grand Prairie TX 75054 emily.montgomery@pennzsuppress.com	Phone: (469) 853-6168 Cell: Fax: www.pennzsuppress.com	PennzSuppress D Dust Suppressant Application and dilution rates follow manufacturer's instructions; application rate: 58 sq ft / gal TOTAL (applied in 2 treatments); can be used in travel-ways ONLY; application is restricted from within 50 feet of any body of water.	approved 5 /2 /1999
Soil Tech Company Robby Jay 6420 Cameron Drive Suite 207 Las Vegas NV 89118 robby@soil-tech.com	Phone: (702) 873-2023 Cell: (702) 525-7052 Fax: (702) 873-0915 www.soil-tech.com	Plas-Tex Application and dilution rates follow manufacturer's instructions	approved 12/10/2003
Soil Tech Company Robby Jay 6420 Cameron Drive Suite 207 Las Vegas NV 89118 shane@soil-tech.com	Phone: (702) 873-2023 Cell: (702) 210-2020 Fax: (702) 873-0915 www.soil-tech.com	Poly-Tex Application and dilution rates follow manufacturer's instructions	approved 12/10/2003

637.03.02 DUST PALLIATIVE (OPTIONAL)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
US Gypsum Company Kym Heitke 550 West Adams Street Chicago IL 60661-3076 kheitke@usg.com	Phone: (916) 417-5048 Cell: (916) 417-5048 Fax: (312) 214-5982 www.usg.com	Dust Armour Application and dilution rates follow manufacturer's instructions approved 8/28/2006

641.02.01 IMPACT ATTENUATORS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Trinity Highway Products, LLC Paul Kruse 2525 N. Stemmons Freeway Dallas TX 75207 paul.kruse@trin.net	Phone: (916) 644-9102 Cell: Fax: www.trinityhighway.com	QuadGuard M10 MASH TL-3 approved 3/27/2019
Work Area Protection Jeffery Smith 2500 Production Drive St. Charles IL 60174 workarea@workareaprotection.com	Phone: (800) 327-4417 Cell: (630) 330-8063 Fax: (630) 377-9270 www.workareaprotection.com	SCI100GM MASH approved, TL-3 Compliant; Approved at all speeds. approved 2/23/2007

642.02.02 CONCRETE PANEL WALL SYSTEMS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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) pniemann@bigrbridge.com. approved 8/28/2013
Hilfiker Retaining Wall Lauren Blankinship 1902 Hilfiker Lane Eureka CA 95503 lauren@hilfiker.com	Phone: (800) 762-8962 Cell: (707) 443-5093 Fax: (707) 443-2891 www.hilfiker.com	Reinforced Soil Embankment Wall approved 9/8/1998
Reinforced Earth Company James Sullivan 12001 Westwood Center Drive, Suite 400 Reston VA 20191 jsullivan@reinforcedearth.com	Phone: (703) 547-8797 Cell: Fax: www.reinforcedearth.com	GeoMega MSE Wall System Height restricted to 50 ft maximum. approved 3/27/2019
Reinforced Earth Company Jacques Bloomfield 23161 Mill Creek Drive #315 Laguna Hills CA 92653 jbloomfield@reinforcedearth.com	Phone: (949) 689-9023 Cell: Fax: www.reinforcedearth.com	Reinforced Earth Lrg Wall approved 2/7/2001

642.02.02 CONCRETE PANEL WALL SYSTEMS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Reinforced Earth Company Jacques Bloomfield 23161 Mill Creek Drive #315 Laguna Hills CA 92653 jbloomfield@reinforcedearth.com	Phone: (949) 689-9023 Cell: Fax: www.reinforcedearth.com	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 Willie Liew 2500 Northwinds Parkway, Suite 500 Alpharetta GA 30009 wliew@tensarcorp.com	Phone: (770) 344-2090 Cell: (404) 219-0431 Fax: (770) 344-2084 www.tensarcorp.com	Ares Retaining Precast Wall approved 6 /11/1998

642.02.03 SEGMENTAL BLOCK WALL SYSTEMS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Jensen Precast Frank Nunes 625 Bergin Way Sparks NV 89431-5803 fnunes@jensenprecast.com	Phone: (800) 431-9308 Cell: (775) 352-6345 Fax: (775) 359-1038 www.jensenprecast.com	Redi-Rock Permitted on a project-by-project basis with approvals from NDOT bridge and NDOT geotechnical and in accordance with 640.02.03 NDOT specifications approved 7 /23/2009
Reinforced Earth Company Jacques Bloomfield 23161 Mill Creek Drive #315 Laguna Hills CA 92653 jbloomfield@reinforcedearth.com	Phone: (949) 689-9023 Cell: Fax: www.reinforcedearth.com	Pyramid Permitted on a project-by-project basis with approvals from NDOT bridge and NDOT geotechnical and in accordance with 640.02.03 NDOT specifications approved 9 /30/1994
Super Lite Block Estrella Cotto 3565 East Bost Road Suite 108 Las Vegas NV 89021 estrella.cotto@oldcastleapg.com	Phone: (866) 758-3427 Cell: (702) 255-6364 Fax: www.keystonewalls.com	KeySteel SQFT MSE Panel Permitted on a project-by-project basis with approvals from NDOT bridge and NDOT geotechnical and in accordance with 640.02.03 NDOT specifications approved 5 /15/2002

642.02.03 SEGMENTAL BLOCK WALL SYSTEMS

Vendor Name / Address	Product Name	Remarks
Tensar International Corporation Willie Liew 2500 Northwinds Parkway, Suite 500 Alpharetta GA 30009 wliew@tensarcorp.com	Phone: (770) 344-2090 Cell: (404) 219-0431 Fax: (770) 344-2084 www.tensarcorp.com	MESA 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	Phone: (800) 892-1880 Cell: Fax: (800) 362-3320 www.atcepoxy.com	CRACKBOND HEALER/SEALER Type I, II, IV and V; Grade 1; Class B and C. approved 12/17/2018
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com	Phone: (925) 785-6241 Cell: Fax: usa.sika.com	Sikadur 55 SLV Type I and II; Grade 1; Class C approved 6/15/2016

646.02.05 LIQUID MEMBRANE

Vendor Name / Address	Product Name	Remarks
Bridge Preservation, LLC Jonathan Haydu 686 South Adams Street Kansas City KS 66105 info@bridgepreservation.com	Phone: (913) 912-3305 Cell: Fax: (913) 951-0601 www.bridgepreservation.com	Bridge Deck Membrane (BDM) approved 9/25/2017
Olin Epoxy-POLY-CARB Ryan Supan 9456 Freeway Drive Macedonia OH 44056 ryan@poly-carb.com	Phone: (800) 225-5649 Cell: (440) 223-5261 Fax: www.poly-carb.com	Poly-Carb Mark 155 (Uregrid Waterproof Membrane) Spray applied approved 9/25/2017

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
Dayton Superior Corporation Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	Phone: (913) 596-9784 Cell: Fax: www.daytonsuperior.com	Resin Cure w/Dye J11WD ASTM C309 Type 1D ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com). approved 1/8/2010

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

Vendor Name / Address	Product Name	Remarks
SpecChem, LLC David Swain 3930 East Lone Mountain Road North Las Vegas NV 89081 dswain@specchemllc.com	Phone: (866) 791-8700 Cell: (602) 206-2563 Fax: www.specchem.com	SpecRez Type 1D approved 3 /26/2018
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	US SPEC MaxCure Resin Clear ASTM C309 Type 1D approved 2 /6 /2006

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 PCCP ASTM C309, Type 2, Class A approved 9 /2 /2008
Dayton Superior Corporation Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	Phone: (913) 596-9784 Cell: Fax: www.daytonsuperior.com	White Wax Cure J9A PCCP ASTM C309, Type 2, Class A ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com). approved 8 /29/2008
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	Kurez Vox White Pigmented PCCP ASTM C309, Type 2, Class A approved 8 /21/1997
SpecChem, LLC Colin Buchanan 1511 Baltimore Ave Ste 600 Kansas City MO 64108 cbuchanan@specchemllc.com	Phone: (816) 968-5600 Cell: (913) 223-9700 Fax: (816) 561-4021 www.specchemllc.com	Atlas Pro-Cure White approved 1 /22/2014
SpecChem, LLC Colin Buchanan 1511 Baltimore Ave., Suite 600 Kansas City KS 64108 cbuchanan@specchemllc.com	Phone: Cell: (913) 223-9700 Fax: www.specchemllc.com	Pavecure WW PCCP ASTM C309, Type 2, Class A approved 2 /18/2008
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	US SPEC MaxCure Wax White PCCP ASTM C309, Type 2, Class A approved 7 /2 /2008

702.03.04 CURING COMPOUND (BRIDGE DECK)

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 AMS Bridge Decks ASTM C309, Type 2, Class B approved 9/2/2008
Dayton Superior Corporation Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	Phone: (913) 596-9784 Cell: Fax: www.daytonsuperior.com	DSSCC White PAMS Cure Bridge Decks ASTM C309, Type 2, Class B ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com). approved 6/17/2008
SpecChem, LLC Colin Buchanan 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 cbuchanan@specchemllc.com	Phone: (816) 968-5600 Cell: (913) 233-9700 Fax: (816) 561-4029 www.specchemllc.com	Atlas Pro-Cure AMS approved 1/22/2014
SpecChem, LLC Colin Buchanan 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 cbuchanan@specchemllc.com	Phone: Cell: (913) 233-9700 Fax: www.specchemllc.com	Pave Cure AMS approved 5/7/2013
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.usspec.com	US SPEC AMS 3754 White Bridge Decks ASTM C309, Type 2, Class B approved 6/17/2008

702.03.05 POZZOLANS

Vendor Name / Address	Product Name	Remarks
Boral Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@boral.com	Phone: (239) 565-2338 Cell: (239) 565-2338 Fax: (866) 499-8108 www.boralflyash.com	Boral Micron 3 Fly Ash Class F Plant: Rockdale, TX approved 2/17/2010
Boral Resources, LLC Larry Bronson P.O. Box 50192 Henderson NV 89016 lbronson@boral.com	Phone: (702) 547-6941 Cell: (702) 498-4797 Fax: (702) 547-6941 www.boralflyash.com	Class F Fly Ash Class F Fly Ash Sources: Plant: Delta Plant, UT Plant: Navajo Plant, Page, AZ Plant: Bridger Plant, WY approved 2/17/2010
Boral Resources, LLC Craig Wallace 1217 Cape Coral Pkwy E PMB 190 Cape Coral FL 33904 cwallace@boral.com	Phone: (239) 565-2338 Cell: (239) 565-2338 Fax: (866) 499-8108 www.boralflyash.com	Plant Apache Class F Fly Ash approved 6/15/2016

702.03.05 POZZOLANS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Boral Resources, LLC Ken Sears 1345 E. Philadelphia Street Pomona CA 91766 ksears@boral.com	Phone: (909) 627-9066 Cell: Fax: (909) 627-1037 http://boralamerica.com/fly-ash	Pomona Fly Ash Class F/C approved 3 /27/2019
Nevada Cement Company 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	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	Pozzolan Class F Plant: Cholla Plant, Joseph City, AZ Plant: Four Corners Plant, Fruitland, NM Plant: Gallup Plant, Gallup, NM Plant: San Juan Plant, Waterflow, NM approved 2 /4 /2011
Whitemud Resources Incorporated Thomas O' Neill Bow Valley Square 2 205 - 5 Avenue SW Suite 3900 Calgary, AB, T2P 2V7 Canada info@whitemudresources.com	Phone: (403) 441-8206 Cell: (403) 266-1985 Fax: (403) 263-5035 www.whitemudresources.com	Whitemud 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: (800) 848-1730 Cell: (651) 262-6308 Fax: (419) 257-2200 www.dsbrown.com	DSB 900 SL Silicone SL = Self Leveling approved 4 /5 /2005

707.03.04 JOINT SEALER (FOR WEAKENED PLANE JOINTS IN PCCP)

Vendor Name / Address	Product Name	Remarks
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 300 approved 9 /15/2001
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com	Phone: (925) 785-6241 Cell: Fax: usa.sika.com	Sikasil 728 SL approved 4 /10/2006
The Dow Chemical Company Jason Sika 12081 West Alameda Parkway #421 Lakewood CO 80228 jason.sika@dowcorning.com	Phone: (989) 496-6833 Cell: (303) 880-9614 Fax: (303) 484-6206 www.dowcorning.com	DOWSIL 890-SL Silicone Sealant approved 3 /20/1997
Tremco Incorporated Technical Services 3735 Green Road Beachwood OH 44122 tscs@tremcoinc.com	Phone: (866) 209-2404 Cell: (216) 292-5000 Fax: (216) 766-5535 www.tremcosealants.com	Spectrem 900 SL Formula 974831 w/ 333 Cartridges SL = Self Leveling approved 5 /31/2002

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

716.03.01a REFLECTIVE SHEETING (TYPE IV)

Vendor Name / Address	Product Name	Remarks
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3300 Flex P Type IV for Barricades and Cones approved 9 /10/2010

716.03.01a REFLECTIVE SHEETING (TYPE IV)

Vendor Name / Address	Product Name	Remarks	
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3910 FL DG Type IV for work zone drums and delineators	approved 8 /16/2000
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3911 FL Y DG Type IV for work zone drums and delineators	approved 8 /16/2000
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3914 FL DG Type IV for work zone drums and delineators	approved 8 /16/2000
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3924S Type IV for Barricades ONLY and Permanent Traffic	approved 12/1 /2004
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3930 Type IV for Barricades ONLY and Permanent Traffic	approved 12/1 /2004
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688 www.reflectives.averydennison.com	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: (847) 588-7257 Fax: (847) 588-7688 www.reflectives.averydennison.com	W6000 P Type IV for temporary traffic control devices, delineators, and work zone signs ONLY	approved 7 /10/2001
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688 www.reflectives.averydennison.com	W7514 F Type IV for temporary traffic control devices, delineators, and work zone signs ONLY	approved 7 /10/2001

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: (847) 588-7257 Fax: (847) 588-7688 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: (847) 588-7257 Fax: (847) 588-7688 www.reflectives.averydennison.com	WR-7114 Orange FR Type IV F= Fluorescent; R= Reboundable approved 3 /31/2011
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951 www.orafolamericas.com	ORALITE 5900 High Intensity Prismatic All Colors Type IV approved 2 /5 /2013
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951 www.orafolamericas.com	ORALITE 5900 White and Yellow Intensity Prismatic Type IV approved 2 /5 /2013
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951 www.orafolamericas.com	ORALITE Resilience Channelizer Tape Type IV for use in construction work zones on drums, cones, tubes, posts, and vertical panels approved 4 /6 /2011

716.03.01b REFLECTIVE SHEETING (TYPE V)

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

716.03.01c REFLECTIVE SHEETING (TYPE VI)

Vendor Name / Address	Product Name	Remarks
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716.03.01c REFLECTIVE SHEETING (TYPE VI)

Vendor Name / Address	Product Name	Remarks
3M Company, Traffic Safety Security Division Eric Dornak P.O. Box 23139 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (701) 743-0012 Cell: Fax: www.3m.com/tss	RS60/641 Roll-Up Signs Type VI approved 12/28/2016
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	3340 Cone Type VI for traffic PVC cones ONLY approved 8 /16/2000
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	RS-24* Roll-Up Type VI for Barricades ONLY and Permanent Traffic; *Roll-up Signs approved 8 /16/2000
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	RS-34* Roll-Up Type VI for Barricades ONLY and Permanent Traffic; *Roll-up Signs approved 8 /16/2000
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688 www.reflectives.averydennison.com	S9000C Cone Collar Type VI for reboundable traffic cones ONLY approved 2 /2 /2004
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951 www.orafolamericas.com	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. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951 www.orafolamericas.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. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951 www.orafolamericas.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
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716.03.01d REFLECTIVE SHEETING (TYPE IX)

Vendor Name / Address	Product Name	Remarks
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	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: (847) 588-7257 Fax: (847) 588-7688 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: (847) 588-7257 Fax: (847) 588-7688 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: (847) 588-7257 Fax: (847) 588-7688 www.reflectives.averydennison.com	OV T9513 Type IX OV=OmniView, Fluorescent Yellow Green approved 7/10/2001
Avery Dennison Corporation Nipa Joshi 7542 North Natchez Avenue Niles IL 60714 nipa.joshi@averydennison.com	Phone: (847) 627-3111 Cell: (847) 588-7257 Fax: (847) 588-7688 www.reflectives.averydennison.com	OV T9514 Type IX OV=OmniView, Fluorescent Orange approved 7/10/2001
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951 www.orafolamericas.com	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 PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	4000 DG3 Type XI B=Barricade; WZ=Work Zones approved 8/16/2000
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	4080 DG3 WZ Type XI B=Barricade; WZ=Work Zones approved 8/16/2000

716.03.01e REFLECTIVE SHEETING (TYPE XI)

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

726.03.04 HERBICIDES

Vendor Name / Address	Product Name	Remarks
Control Solutions Incorporated Howard Stoddard 5903 Genoa-Red Bluff Road Pasadena TX 77507-1041 orders@controlsolutionsinc.com	Phone: (800) 242-5562 Cell: (281) 892-2500 Fax: (281) 892-2501 www.controlsolutionsinc.com	Pramitol 25E Application rate: 38L/hectare 25 gal/acre approved 8 /1 /1993

726.03.07 MULCH

Vendor Name / Address	Product Name	Remarks
American Excelsior Company Kurt Kelsey 831 Pioneer Avenue Rice Lake WI 54868 kkelsey@erosionlab.com	Phone: (715) 236-5643 Cell: (715) 234-6861 Fax: www.curlex.com	Bindex BFM Application and dilution rates follow manufacturer's instructions approved 3 /28/2013

726.03.07 MULCH**Vendor Name / Address****Product Name****Remarks**

Fiber Marketing International, Inc. Phone: (206) 459-4942 **Rainier Fiber Bonded** Application and dilution rates follow manufacturer's **approved**
 Earl Dahlin Cell: (509) 927-4071 **Fiber Matrix** instructions 6 /15/2016
 11111 East Trent Fax: (509) 927-2330
 Spokane WA 99206
 earl@fmisales.com www.fmisales.com

Fiber Marketing International, Inc. Phone: (206) 459-4942 **Rainier Fiber Premium** Application and dilution rates follow manufacturer's **approved**
 Earl Dahlin Cell: (509) 927-4071 **Wood Fiber Mulch** instructions 6 /15/2016
 11111 East Trent Fax: (509) 927-2330
 Spokane WA 99206
 earl@fmisales.com www.fmisales.com

Hamilton Manufacturing, Inc. (HMI) Phone: (208) 733-9689 **NaturesOwn Evolution 70** Application and dilution rates follow manufacturer's **approved**
 Christy Hamilton Eames Cell: **NaturesOwn Mulch** instructions 6 /25/1998
 901 Russet Street Fax: (208) 733-9447
 Twin Falls ID 83301
 christy@hmi-mfg.com www.hmi-mfg.com

Hamilton Manufacturing, Inc. (HMI) Phone: (208) 733-9689 **NaturesOwn Evolution** Application and dilution rates follow manufacturer's **approved**
 Christy Hamilton Eames Cell: **NaturesOwn X9000 Mulch** instructions 6 /25/1998
 901 Russet Street Fax: (208) 733-9447
 Twin Falls ID 83301
 christy@hmi-mfg.com www.hmi-mfg.com

Hamilton Manufacturing, Inc. (HMI) Phone: (208) 733-9689 **NaturesOwn Mulch with** Application and dilution rates follow manufacturer's **approved**
 Christy Hamilton Eames Cell: **Tac** instructions 4 /4 /2012
 901 Russet Street Fax: (208) 733-9447 **NaturesOwn Mulch**
 Twin Falls ID 83301
 christy@hmi-mfg.com www.hmi-mfg.com

HydroStraw, LLC Phone: (800) 545-1755 **Bonded Fiber Matrix** Application and dilution rates follow manufacturer's **approved**
 Ronald Edwards Cell: instructions 8 /30/2011
 22110 S. SR 27 Fax: (815) 468-7450
 Rockford WA 99030
 ron@hydrostraw.com www.hydrostraw.com

HydroStraw, LLC Phone: (800) 545-1755 **Guar Plus Formulation** Application and dilution rates follow manufacturer's **approved**
 Ronald Edwards Cell: instructions 8 /30/2011
 22110 S. SR 27 Fax: (815) 468-7450
 Rockford WA 99030
 ron@hydrostraw.com www.hydrostraw.com

HydroStraw, LLC Phone: (800) 545-1755 **HydroStraw Original** Application and dilution rates follow manufacturer's **approved**
 Ronald Edwards Cell: instructions 2 /3 /2009
 22110 S. SR 27 Fax: (815) 468-7450
 Rockford WA 99030
 ron@hydrostraw.com www.hydrostraw.com

726.03.07 MULCH

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
LSC Environmental Products, LLC Brian Foster 2183 Pennsylvania Avenue Apalachin NY 13732 bfoster@lscenv.com	Phone: (800) 800-7671 Cell: (661) 706-7240 Fax: (661) 587-6806 www.lscenv.com	EarthGuard	Application and dilution rates follow manufacturer's instructions	approved 11/2 /2001
LSC Environmental Products, LLC Brian Foster 2183 Pennsylvania Avenue Apalachin NY 13732 bfoster@lscenv.com	Phone: (800) 800-7671 Cell: (661) 706-7240 Fax: (661) 587-6806 www.lscenv.com	EarthGuard Fiber Matrix	Application and dilution rates follow manufacturer's instructions	approved 11/2 /2001
North American Green Jill Pack 5401 St. Wendel - Cyntiana Road Poseyville IN 47633 jpack@nagreen.com	Phone: (800) 772-2040 Cell: Fax: (812) 867-0247 www.nagreen.com	Hydra CM Steep Slope	Application and dilution rates follow manufacturer's instructions	approved 2 /27/2012
North American Green Jill Pack 5401 St. Wendel - Cyntiana Road Poseyville IN 47633 jpack@nagreen.com	Phone: (800) 772-2040 Cell: Fax: (812) 867-0247 www.nagreen.com	Hydra CX2 Extreme Slope	Application and dilution rates follow manufacturer's instructions	approved 2 /27/2012
Profile Products, LLC Sandra House 750 Lake Cook Road, Suite 440 Buffalo Grove IL 60089 shouse@profileproducts.com	Phone: (847) 215-1144 Cell: (603) 601-6885 Fax: (847) 215-0577 www.profileproducts.com	Conwed 1000	Application and dilution rates follow manufacturer's instructions	approved 12/18/2008
Profile Products, LLC Sandra House 750 Lake Cook Road, Suite 440 Buffalo Grove IL 60089 shouse@profileproducts.com	Phone: (847) 215-1144 Cell: (603) 601-6885 Fax: (847) 215-0577 www.profileproducts.com	Flexterra HP FGM	Application and dilution rates follow manufacturer's instructions	approved 12/18/2008
Profile Products, LLC Sandra House 1525 Waynesburg Dr. SE Canton OH 44707 shouse@profileproducts.com	Phone: (330) 452-2630 Cell: (847) 215-1144 Fax: (847) 215-0577 www.profileproducts.com	Second Nature Paper Fiber	Application and dilution rates follow manufacturer's instructions	approved 6 /25/1998
Profile Products, LLC Sandra House 750 Lake Cook Road, Suite 440 Buffalo Grove IL 60089 shouse@profileproducts.com	Phone: (847) 215-1144 Cell: (603) 601-6885 Fax: (847) 215-0577 www.profileproducts.com	TerraMulch Wood Fiber	Application and dilution rates follow manufacturer's instructions	approved 12/18/2008

726.03.08 TACKIFIER

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

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
Chemstar (aka Rocky Mountain Bio Products)	Phone: (303) 696-8964	StarTak 100	Application and dilution rates follow manufacturer's instructions	approved
Tom Bowman II 3232 E 40th Street Minneapolis MN 55406 tom@bowmanconstructionsupply.com	Cell: Fax: (303) 328-5037 www.chemstar.com			3 /27/2017
Chemstar (aka Rocky Mountain Bio Products)	Phone: (303) 696-8964	StarTak 600	Application and dilution rates follow manufacturer's instructions	approved
Tom Bowman II 3232 E 40th Street Minneapolis MN 55406 tom@bowmanconstructionsupply.com	Cell: Fax: (303) 328-5037 www.chemstar.com			3 /27/2017
G.M. Boston Company International, LLC	Phone: (562) 592-0836	PX 300	Application and dilution rates follow manufacturer's instructions	approved
Craig Hoad PO Box 121 Sunset Beach CA 90742-0121 craighoad@gmbostoncompany.com	Cell: (949) 533-6799 Fax: (949) 722-6799 gmbostoncompany.com			6 /10/2003
HydroStraw, LLC	Phone: (800) 545-1755	HydroStraw Fiber RX	Application and dilution rates follow manufacturer's instructions	approved
Ron Edwards 22110 S State Route 27 Rockford WA 99030 ron@hydrostraw.com	Cell: (509) 291-6000 Fax: (815) 468-7450 www.hydrostraw.com			3 /24/2017
Innovative Turf Solutions	Phone: (513) 317-8311	EnviroPam (powder) EnviroPam L (liquid)	Application and dilution rates follow manufacturer's instructions	approved
Melissa Schrand 3318 Glenmont Lane Cincinnati OH 45248 mrs@innovativeturfsolutions.com	Cell: (513) 317-8311 Fax: (513) 672-9633 www.innovativeturfsolutions.com			2 /16/2011
JRM Chemical	Phone: (800) 962-4010	FI-1045	Application and dilution rates follow manufacturer's instructions	approved
Scott Wiesler 4881 Neo Parkway Cleveland OH 44128 jrm@en.com	Cell: (216) 475-8488 Fax: (216) 475-6517 www.soilmoist.com			2 /3 /2010
JRM Chemical	Phone: (800) 962-4010	FI-1046	Application and dilution rates follow manufacturer's instructions	approved
Scott Wiesler 4881 Neo Parkway Cleveland OH 44128 jrm@en.com	Cell: (216) 475-8488 Fax: (216) 475-6517 www.soilmoist.com			2 /3 /2010
JRM Chemical	Phone: (800) 962-4010	FI-3500	Application and dilution rates follow manufacturer's instructions	approved
Scott Wiesler 4881 Neo Parkway Cleveland OH 44128 jrm@en.com	Cell: (216) 475-8488 Fax: (216) 475-6517 www.soilmoist.com			2 /3 /2010

726.03.08 TACKIFIER

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
LSC Environmental Products, LLC Brian Foster 2183 Pennsylvania Avenue Apalachin NY 13732 bfoster@lscenv.com	Phone: (800) 800-7671 Cell: (661) 706-7240 Fax: (661) 587-6806 www.lscenv.com	EarthGuard	Application and dilution rates follow manufacturer's instructions	approved 11/2 /2001

LSC Environmental Products, LLC Brian Foster 2183 Pennsylvania Avenue Apalachin NY 13732 bfoster@lscenv.com	Phone: (800) 800-7671 Cell: (661) 706-7240 Fax: (661) 587-6806 www.lscenv.com	EarthGuard Fiber Matrix	Application and dilution rates follow manufacturer's instructions	approved 11/2 /2001
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Pennzsuppress Corporation Emily Montgomery PO Box 543173 Grand Prairie TX 75054 emily.montgomery@pennzsuppress.com	Phone: (469) 853-6168 Cell: Fax: www.pennzsuppress.com	PennzSuppress D Dust Suppressant	Application and dilution rates follow manufacturer's instructions	approved 5 /19/2004
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726.03.17 SOIL STABILIZER

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
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	Road Boss	Application and dilution rates follow manufacturer's instructions	approved 11/8 /2005

ENCAP, LLC Shannon Homme 3921 Algoma Road Green Bay WI 54311 accountservices@encap.net	Phone: (877) 405-5050 Cell: Fax: (920) 406-9740 www.enceppro.com/index.php/products/	PAM-12 PLUS	Application and dilution rates follow manufacturer's instructions	approved 3 /10/2008
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G.M. Boston Company International, LLC Craig Hoad PO Box 121 Sunset Beach CA 90742-0121 craighoad@gmbostoncompany.com	Phone: (562) 592-0836 Cell: (949) 533-6799 Fax: (949) 722-6799 gmbostoncompany.com	PX 300	Application and dilution rates follow manufacturer's instructions	approved 6 /10/2003
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Hercules Environmental, Inc. Rob Hotle 6596 New Peachtree Road Doraville GA 30340 hercenv@herculesenvironmental.com	Phone: (770) 303-0878 Cell: Fax: (770) 455-6531 www.herculesenvironmental.net	SOILOC-MQ-Dust Suppressant	Application and dilution rates follow manufacturer's instructions	approved 5 /18/2004
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Hercules Environmental, Inc. Rob Hotle 6596 New Peachtree Road Doraville GA 30340 hercenv@herculesenvironmental.com	Phone: (770) 303-0878 Cell: Fax: (770) 455-6531 www.herculesenvironmental.net	SOILOC-PAM	Application and dilution rates follow manufacturer's instructions	approved 5 /18/2004
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726.03.17 SOIL STABILIZER

Vendor Name / Address	Product Name	Remarks	
Innovative Turf Solutions Melissa Schrand 3318 Glenmont Lane Cincinnati OH 45248 mrs@innovativeturfsolutions.com	Phone: (513) 317-8311 Cell: (513) 317-8311 Fax: (513) 672-9633 www.innovativeturfsolutions.com	EnviroPam (powder) EnviroPam L (liquid)	Application and dilution rates follow manufacturer's instructions approved 2/16/2011
JRM Chemical Scott Wiesler 4881 Neo Parkway Cleveland OH 44128 jrm@en.com	Phone: (800) 962-4010 Cell: (216) 475-8488 Fax: (216) 475-6517 www.soilmoist.com	FI-1045	Application and dilution rates follow manufacturer's instructions approved 2/3/2010
JRM Chemical Scott Wiesler 4881 Neo Parkway Cleveland OH 44128 jrm@en.com	Phone: (800) 962-4010 Cell: (216) 475-8488 Fax: (216) 475-6517 www.soilmoist.com	FI-1046	Application and dilution rates follow manufacturer's instructions approved 2/3/2010
JRM Chemical Scott Wiesler 4881 Neo Parkway Cleveland OH 44128 jrm@en.com	Phone: (800) 962-4010 Cell: (216) 475-8488 Fax: (216) 475-6517 www.soilmoist.com	FI-3500	Application and dilution rates follow manufacturer's instructions approved 2/3/2010
LSC Environmental Products, LLC Brian Foster 2183 Pennsylvania Avenue Apalachin NY 13732 bfoster@lscenv.com	Phone: (800) 800-7671 Cell: (661) 706-7240 Fax: (661) 587-6806 www.lscenv.com	EarthGuard	Application and dilution rates follow manufacturer's instructions approved 11/2/2001
Marathon Petroleum Jim Ryan P.O. Box 5655 Bakersfield CA 93388 jim.ryan@andeavor.com	Phone: (661) 392-3630 Cell: (661) 978-9357 Fax: (661) 391-1054 www.andeavor.com	Topein S Emulsion	Application and dilution rates follow manufacturer's instructions approved 2/28/2002
North American Green Jill Pack 5401 St. Wendel - Cynthiana Road Poseyville IN 47633 jpack@nagreen.com	Phone: (800) 772-2040 Cell: (801) 977-0970 Fax: (812) 867-0247 www.nagreen.com	Hydra CM Steep Slope Matrix	Application and dilution rates follow manufacturer's instructions. approved 2/27/2012
North American Green Jill Pack 5401 St. Wendel - Cyntiana Road Poseyville IN 47633 jpack@nagreen.com	Phone: (800) 772-2040 Cell: Fax: (812) 867-0247 www.nagreen.com	Hydra CX2 Extreme Slope	Application and dilution rates follow manufacturer's instructions approved 2/27/2012

726.03.17 SOIL STABILIZER

Vendor Name / Address	Product Name	Remarks
Pennzsuppress Corporation Emily Montgomery PO Box 4339 Grand Prairie TX 75054 emily.montgomery@pennzsuppress.com	Phone: (469) 853-6168 Cell: Fax: www.pennzsuppress.com	PennzSuppress D Dust Suppressant Application and dilution rates follow manufacturer's instructions approved 5 /19/2004
Soil Tech Company Robby Jay 6420 Cameron Drive Suite 207 Las Vegas NV 89118 robby@soil-tech.com	Phone: (702) 873-2023 Cell: (702) 525-7052 Fax: (702) 873-0915 www.soil-tech.com	Plas-Tex Application and dilution rates follow manufacturer's instructions approved 12/10/2003
Soil Tech Company Robby Jay 6420 Cameron Drive Suite 207 Las Vegas NV 89118 shane@soil-tech.com	Phone: (702) 873-2023 Cell: (702) 210-2020 Fax: (702) 873-0915 www.soil-tech.com	Poly-Tex Application and dilution rates follow manufacturer's instructions approved 12/10/2003

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

Vendor Name / Address	Product Name	Remarks
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 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
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 Epoxy Bonder Type I, II, IV and V; Grade 2; Class B and C approved 4 /29/2004

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

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	LPL Epoxy Bonder Type I, II and V; Grade 2; Class B and C	approved 4 /29/2004
Dayton Superior Corporation Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	Phone: (913) 596-9784 Cell: Fax: www.daytonsuperior.com	Sure Anchor I J-51 Type I, II, IV and V; Grade 3; Class B and C ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com).	approved 1 /14/2003
E-Chem, LLC Jason Burgoon 4102 El Rey Road SE Albuquerque NM 87105 jason@e-chem.net	Phone: (505) 217-2121 Cell: (505) 300-9579 Fax: (505) 217-3721 www.e-chem.net	EP-GEL FAST Type I, II, IV and V; Grade 3; Class B and C	approved 8 /30/2017
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	Dural 452 MV Type I, II, IV and V; Grade 2; Class C	approved 11/29/2012
Hilti Incorporated Pete Anderson 7250 Dallas Parkway, Suite 1000 Plano TX 75024 us-sales@hilti.com	Phone: (800) 879-8000 Cell: Fax: (800) 879-7000 www.hilti.com	HTE 50 Type I, II, IV and V; Grade 3; Class B and C	approved 7 /6 /2009
Hilti, Inc. Lisa Barkand 7250 Dallas Parkway, Suite 1000 Plano TX 75024 lisa.barkand@hilti.com	Phone: (877) 749-6337 Cell: Fax: www.hilti.com	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

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

Vendor Name / Address	Product Name	Remarks	
ITW Commercial Construction North America Amy Kolczak 700 High Grove Boulevard Glendale Heights IL 60319 akolczak@itwccna.com	Phone: (630) 825-7900 Cell: Fax: www.itwredhead.com	Red Head C6+	Type I, II, IV and V; Grade 3; Class B and C approved 9 /24/2018
ITW Commercial Construction North America Amy Kolczak 700 High Grove Boulevard Glendale Heights IL 60319 akolczak@itwccna.com	Phone: (630) 825-7900 Cell: Fax: www.itwredhead.com	Red Head G5+	Type I, II, IV and V; Grade 3; Class B and C approved 9 /25/2017
MAPEI Americas Headquarters Bruce Haller 1144 East Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com	Phone: (800) 425-2734 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	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 lflores@masterspecmaterials.com	Phone: (702) 997-8838 Cell: (702) 430-2407 Fax: www.masterspecmaterials.com	RiteBond	Type I, II, IV and V; Grade 2; Class B and C approved 9 /24/2018
MKT Fastening, LLC Bert Mayer 1 Gunnebo Drive Lonoke AR 72086 bert@mktfastening.com	Phone: (501) 676-2222 Cell: Fax: (501) 676-7266 www.mktfastening.com	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 EP-420	Type II; Grade 2; Class B and C approved 6 /7 /2010
Pecora Corporation Glen Murphy 165 Wambold Road Harleysville PA 19438 murphyg@pecora.com	Phone: (214) 723-6051 Cell: (818) 519-7658 Fax: (215) 721-0286 www.pecora.com	Dynapoxy EP-430 Fast	Type I, II, IV and V; Grade 1; Class A, B and C approved 6 /7 /2010
Pecora Corporation Glen Murphy 165 Wambold Road Harleysville PA 19438 murphyg@pecora.com	Phone: (214) 723-6051 Cell: (818) 519-7658 Fax: (215) 721-0286 www.pecora.com	Dynapoxy EP-450	Type I, II, IV and V; Grade 1; Class B and C approved 6 /7 /2010

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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
Powers Fasteners Mark Ziegler 2 Powers Lane Brewster NY 10509 mark.ziegler@powers.com	Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	DEWALT PE1000+ Type I, II, IV and V; Grade 3; Class B and C approved 12/1 /2016
Powers Fasteners Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoinette@sbdinc.com	Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	DEWALT Pure 110+ Type I, II, IV and V; Grade 3; Class B and C approved 12/1 /2016
Powers Fasteners Beth Hinkley 2 Powers Lane Brewster NY 10509 beth.hinkley@sbdinc.com	Phone: (800) 524-3244 Cell: (845) 230-7503 Fax: (914) 576-6483 anchors.dewalt.com	DEWALT Pure GP Type I, II, IV and V; Grade 3; Class B and C approved 12/1 /2016
Powers Fasteners Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoinette@sbdinc.com	Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	DEWALT Pure50+ Type I, II, IV and V; Grade 3; Class B and C approved 12/1 /2016
Powers Fasteners Mark Ziegler 2 Powers Lane Brewster NY 10509 mark.ziegler@sbdinc.com	Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	PE1000+ Type I, II, IV and V; Grade 3; Class B and C approved 12/5 /2011
Powers Fasteners Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoinette@sbdinc.com	Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	Pure 110+ Type I, II, IV and V; Grade 3; Class B and C approved 11/22/2013
Powers Fasteners Beth Hinkley 2 Powers Lane Brewster NY 10509 beth.hinkley@sbdinc.com	Phone: (800) 524-3244 Cell: (845) 230-7503 Fax: (914) 576-6483 anchors.dewalt.com	Pure GP Type I, II, IV and V; Grade 3; Class B and C approved 3 /25/2016

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

Vendor Name / Address	Product Name	Remarks
Powers Fasteners Robert Antoinette 2 Powers Lane Brewster NY 10509 robert.antoinette@sbdinc.com Phone: (800) 524-3244 Cell: Fax: (914) 576-6483 anchors.dewalt.com	Pure50+	Type I, II, IV and V; Grade 3; Class B and C approved 11/22/2013
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com Phone: (925) 785-6241 Cell: Fax: usa.sika.com	Sikadur 35 Hi Mod	Type I, II and IV; Grade 1; Class C approved 4 /10/2006
Simpson Strong Tie Wendy Allen 5151 South Airport Way Stockton CA 95206 wallen@strongtie.com Phone: (800) 999-5099 Cell: (415) 559-9038 Fax: (209) 234-3868 www.stongtie.com/products/anchorsyste	ET-HP Epoxy Adhesive	Type IV; Grade 3; Class C approved 1 /15/2009
SpecChem, LLC Connor Harwood 1511 Baltimore Ave. Kansas City MO 64108 charwood@specchemllc.com Phone: (816) 968-5600 Cell: (206) 714-3511 Fax: www.specchemllc.com	SpecPoxy 3000	Type I, II, IV and V; Grade 3; Class B and C. approved 3 /27/2019
Unitex Chemicals / Dayton Superior Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com Phone: (913) 596-9784 Cell: Fax: www.unitex-chemcials.com	J-51 Sure Anchor I	Type I, II, IV and V; Grade 3; Class B and C ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com). approved 1 /14/2003
Unitex Chemicals / Dayton Superior Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com Phone: (913) 596-9784 Cell: Fax: www.unitex-chemcials.com	Pro-Poxy 200	Type I and II; Grade 2; Class B and C ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com). approved 1 /14/2003
Unitex Chemicals / Dayton Superior Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com Phone: (913) 596-9784 Cell: Fax: www.unitex-chemcials.com	Pro-Poxy 300	Type I, II, IV and V; Grade 3; Class B and C ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com). approved 1 /14/2003
Unitex Chemicals / Dayton Superior Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com Phone: (913) 596-9784 Cell: Fax: www.unitex-chemcials.com	Pro-Poxy 300 FAST	Type I, II, IV and V; Grade 3; Class B and C ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com). approved 1 /14/2003

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Unitex Chemicals / Dayton Superior Holly Jergens 636 S. 66th Terrace Kansas City KS 66111 hollyjergens@daytonsuperior.com	Pro-Poxy 50 Phone: (913) 596-9784 Cell: Fax: www.unitex-chemicals.com	Type I, II, IV and V; Grade 1; Class B and C ext. 25226. Alt contact is Josh McRae (joshuamcrae@daytonsuperior.com). approved 1/14/2003
USP Structural Connectors, MiTek USA, Inc. Jim Collins 14305 Southcross Drive, Suite 200 Burnsville MN 55306 jcollins@mii.com	CIA-GEL 6000-GP Phone: (800) 328-5934 Cell: (952) 898-8772 Fax: (952) 898-8605 www.uspconnectors.com	Type I, II, IV and V; Grade 3; Class A, B and C approved 3/25/2016
USP Structural Connectors, MiTek USA, Inc. Jim Collins 14305 Southcross Drive Suite 200 Burnsville MN 55306 jcollins@mii.com	CIA-GEL 7000 Adhesive Phone: (800) 328-5934 Cell: (952) 898-8772 Fax: (952) 898-8605 www.uspconnectors.com	Type I and IV; Grade 3; Class B, C and D approved 8/9/2000

729.03.03 PAINT MARKING MATERIAL - EPOXY

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Colorado Paint Company/Swarco Marilou Bruce 4747 Holly Street Denver CO 80216 marilou.bruce@swarco.com	1180 Phone: (303) 388-9265 Cell: (303) 332-9216 Fax: (303) 388-0881 www.coloradopaint.com	White: 1180 Part A Yellow: 1186 Part A Hardener: 1185 Part B "Lead Free Yellow" contains organic yellow pigment. approved 3/23/2000
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 27410 Greensboro NC 27410 qpladmin@ennisflint.com	HPS-3 Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com	White: HPS-3 Part A Yellow: HPS-3 Part A Black: HPS-3 Part A Hardener: HPS-3 Part B "Lead Free Yellow" contains organic yellow pigment. approved 7/25/2002
Epoplex Cindi Westlund 1000 East Park Avenue Maple Shade NJ 08052 epoplex@epoplex.com	Epoplex LS50 Phone: (800) 822-6920 Cell: (856) 667-8399 Fax: (856) 779-2963 www.epoplex.com	White: LS50 Part A Yellow: LS50 Part A Hardener: LS50 Part B "Lead Free Yellow" contains organic yellow pigment. approved 2/6/2003
Epoplex Cindi Westlund 1000 East Park Avenue Maple Shade NJ 08052 epoplex@epoplex.com	Epoplex LS60 Phone: (800) 822-6920 Cell: (856) 667-8399 Fax: (856) 779-2963 www.epoplex.com	White: LS60 Part A Yellow: LS60 Part A Hardener: LS60 Part B "Lead Free Yellow" contains organic yellow pigment. approved 2/6/2003

729.03.03 PAINT MARKING MATERIAL - EPOXY

Vendor Name / Address	Product Name	Remarks
Olin Epoxy-POLY-CARB Ryan Supan 9456 Freeway Drive Macedonia OH 44056 ryan@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 223-5261 Fax: www.poly-carb.com	Mark 55.2 NV 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.
Olin Epoxy-POLY-CARB Ryan Supan 9456 Freeway Drive Macedonia OH 44056 ryan@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 223-5261 Fax: www.poly-carb.com	Mark 55.3 NV 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.
Olin Epoxy-POLY-CARB Ryan Supan 9456 Freeway Drive Macedonia OH 44056 ryan@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 223-5261 Fax: www.poly-carb.com	Mark 55.4 NV 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.

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. Usage is restricted to Clark Co w/elevation ≤ 4,000 feet.
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	HPS-5 White: Part A Yellow: Part A Cross Linker: Part B Double Drop w/Glass Spheres Method can be used statewide without restrictions. Double Drop w/Reflective Element Method is restricted to Clark County w/elevations ≤ 4,000 feet.
Epoplex Cindi Westlund 1000 East Park Avenue Maple Shade NJ 08052 epoplex@epoplex.com	Phone: (800) 822-6920 Cell: (856) 667-8399 Fax: (856) 779-2963 www.epoplex.com	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
Olin Epoxy-POLY-CARB Ryan Supan 9456 Freeway Drive Macedonia OH 44056 ryan@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 223-5261 Fax: www.poly-carb.com	Mark 75.4 White: Part A Yellow: Part A Cross Linker: Part B Double Drop w/Glass Sphere Method can be used statewide without restrictions. Double Drop w/Reflective Element Method is restricted to Clark County w/elevations ≤ 4,000 feet.
Swarco Colorado Paint Company Ling Tan 2851 Walden Street Aurora CO 80011 ling.tan@swarco.com	Phone: (303) 388-9265 Cell: (919) 208-3360 Fax: (303) 388-0881 www.coloradopaint.com	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

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

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Arkema Incorporated Keith Olesen 410 Greyson Drive Cary NC 27511 keith.olesen@arkema.com	Phone: (919) 469-6773 Cell: (919) 434-5845 Fax: www.arkema.com	ENCOR DT 250 Type I approved 7 /19/2002

Arkema Incorporated Keith Olesen 410 Greyson Drive Cary NC 27511 keith.olesen@arkema.com	Phone: (919) 469-6773 Cell: (919) 434-5845 Fax: www.arkema.com	ENCOR DT 400 Type II approved 7 /19/2002
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729.03.05b PAINT MARKING MATERIAL - RAPID DRY WATERBORNE PAINT (TYPE I, TEMPORARY STRIPING FORMULATION)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Colorado Paint Company/Swarco Marilou Bruce 4747 Holly Street Denver CO 80216 marilou.bruce@swarco.com	Phone: (303) 388-9265 Cell: (303) 332-9216 Fax: (303) 388-0881 www.coloradopaint.com	W: 1160-NV Waterborne Y: 1166-NV Waterborne Fastrack 3427 Fastrack 3427 W = White; Y = Yellow approved 12/16/2011

Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	170 White, 176 Yellow Fast Dry Waterborne Paint Both are Fastrack 3427 approved 1 /15/2013
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Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	W: 982801 NVW-21-M-2 Y: 982802 Nvy-21-M-2 ENCOR Latex DT 250 NA ENCOR Latex DT 250 NA W = White; Y = Yellow approved 12/11/2002
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Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	W: 982821 NVW-34-M-1 Y: 982822 Nvy-34-M-1 Fastrack 3427 Fastrack 3427 W = White; Y = Yellow approved 12/1 /2002
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Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	W: Pervo Plastics 6000 Y: Pervo Plastics 6003 Fastrack 3427 Fastrack 3427 W = White; Y = Yellow approved 7 /30/2002
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International Coatings Company, Inc. Amelia Nucup 13929 East 166th Street Cerritos CA 90703 anucup@iccink.com	Phone: (562) 926-1010 Cell: Fax: (562) 926-9486 www.iccink.com	W: Line-Pro 5630 Y: Line-Pro 5640 Line-Pro 5630 Line-Pro 5640 W = White; Y = Yellow approved 7 /24/2013
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729.03.05b PAINT MARKING MATERIAL - RAPID DRY WATERBORNE PAINT (TYPE I, TEMPORARY 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) 213-2996 www.ozarkmaterials.net	Waterborne Standard Paint (white and yellow) approved 3/27/2019

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

Vendor Name / Address	Product Name	Remarks
Colorado Paint Company/Swarco Marilou Bruce 4747 Holly Street Denver CO 80216 marilou.bruce@swarco.com	Phone: (303) 388-9265 Cell: (303) 332-9216 Fax: (303) 388-0881 www.coloradopaint.com	W: 1110-NV Ultra High Y: 1116-NV Ultra High Rhoplex Fastrack HD-21A Type II Rhoplex Fastrack HD-21A Type II W = White; Y = Yellow approved 12/16/2011
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	380 White High Build Paint approved 12/4/2014
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	386 Yellow High Build Paint approved 7/22/2013
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	W: 982811 NVW-40-M-2 Y: 982812 NVY-40-M-2 ENCOR Latex DT 400 NA ENCOR Latex DT 400 NA W - White; Y = Yellow approved 12/11/2002
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	W: 982831 NVW-HD-M-1 Y: 982832 NVY-HD-M-1 Fastrack HD21A Fastrack HD21A W = White; Y = Yellow approved 12/11/2002
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	W: 982851 Y: 982852 Fastrack HD21A W = White; Y = Yellow Product previously known as W: Pervo Plastics 6050 & Y: Pervo Plastics 6053 approved 7/30/2002
International Coatings Company, Inc. Amelia Nucup 13929 East 166th Street Cerritos CA 90703 anucup@iccink.com	Phone: (562) 926-1010 Cell: Fax: (562) 926-9486 www.iccink.com	Line-Pro 5610 White Line-Pro 5620 Yellow Company contact: Amelia Nucup and/or Scott Johnson, (562) 926-1010 ext 343 and/or (714) 299-0631 approved 11/19/2013

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

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@ozarkmaterials.net	Phone: (334) 213-2995 Cell: Fax: (334) 213-2996 www.ozarkmaterials.net	Waterborne Durable Paint (white and yellow) approved 12/17/2018

732.03.01 PAVEMENT MARKING TAPE (TYPE I)

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

732.03.01 PAVEMENT MARKING TAPE (TYPE I)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Swarco Industries / Traffic Mgt Mark Colombo 270 Rutherford Lane / PO Box 89 Columbia TN 38401 mark.colombo@swarco.com	Phone: (931) 560-4158 Cell: (314) 221-7833 Fax: (314) 729-1797 www.swarco.com	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 5182 Katella Ave. #104-B Los Alamitos CA 90720 lucasco@ralucasco.com	Phone: (562) 799-6160 Cell: (714) 397-4428 Fax: (562) 799-6150 www.ralucasco.com	Series 300 Type II white/yellow available approved 4 /29/2008

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

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Transportation Safety Division Eric Dornak PO Box 231393 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (800) 553-1380 Cell: (702) 743-0012 Fax: (651) 732-8435 www.3M.com/tcm	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

732.03.03 PAVEMENT MARKING TAPE (TYPE IV)

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

732.03.04a PAVEMENT MARKINGS (HOT APPLIED THERMOPLASTIC)

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

732.03.04a PAVEMENT MARKINGS (HOT APPLIED THERMOPLASTIC)

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

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

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	HotTape Select 125-mil thickness. approved 5 /3 /2001

Ennis-Flint, Inc. QPL Administrator 4161 Piedmont Pkwy, Ste. 370 Greensboro NC 27410 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 477-8363 Fax: (336) 475-7900 https://www.ennisflintamericas.com/	PreMark Select 125-mil thickness. Product name shortened to PreMark. approved 5 /3 /2001
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Geveko Markings, Inc. Laura Clark 300 Brogdon Road, Ste. 180 Suwanee GA 30024 lclark@gevekomarkings.com	Phone: (770) 847-9410 Cell: Fax: (470) 226-3394 www.geveko-markings.us	OPTAMARK Select 125-mil thickness. approved 12/20/2017
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Ozark Materials, LLC Derron Henderson 591 Glendale Ave. Greenville AL 36037 derron@ozarkmaterials.net	Phone: (334) 213-2995 Cell: Fax: (334) 213-2996 www.ozarkmaterials.net	Preformed Thermoplastic select 125-mil thickness. approved 12/17/2018
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Swarco Industries Matthew Conlee 270 Rutherford Ln Columbia TN 38401 matthew.conlee@swarco.com	Phone: (931) 981-0936 Cell: Fax: (931) 388-4039 www.swarco.com/americas	Preformed Thermoplastic Select 125-mil thickness. approved 7 /2 /2018
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QPL NOTES
May 2, 2019

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

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

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

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