



QUALIFIED PRODUCTS LIST (QPL)

Table of Contents

Spec #	Spec Description	Page #
213.02.17	BACKFLOW PREVENTER COVERS	1
214.02.01	MAILBOX SUPPORT SYSTEMS (TYPE C)	1
401.03.02	ASPHALT RELEASE AGENTS	1 – 2
406.02.01	PRIME COAT MATERIAL	2
408.02.05	ALL WEATHER ASPHALT COLD PATCH	3 – 4
496.02.01	OVERLAY SYSTEM (POLYESTER)	4
497.02.02	ADHESIVES FOR MULTILAYER OVERLAYS	4
502.03.13b	PREFORMED JOINT FILLERS	5
502.03.13c	ASPHALTIC PLUG EXPANSION JOINTS	5 – 6
502.03.13d	EXPANSION JOINT SEALANT	6
502.03.13e	EXPANSION JOINT (SPECIAL)	6
502.03.19	FINE SURFACE FINISH (BONDED GROUT)	7
502.03.22	JOINT SEALER (ALONG EDGES OF CONCRETE BARRIER RAIL)	7 – 8
505.02.03	EPOXY COATINGS (FOR STEEL REINFORCING BARS)	8 – 9
600.02.01	TRENCH DRAINS	9 – 10
609.03.02	FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)	11 – 16
610.02.01	ARTICULATED CONCRETE BLOCK	16
612.02.01	GRAFFITI RESISTANT COATINGS	17
613.02.01	DETECTABLE WARNINGS (ADA TILE)	17 – 18
616.02.01	PLASTIC FENCE FABRIC	18 – 19
618.02.01	GUARDRAIL OFFSET BLOCKS	19
618.02.01a	GUARDRAIL TERMINAL	19 – 20
619.02.01a	GUIDEPOSTS (FLEXIBLE)	20 – 22
619.02.01b	OBJECT MARKERS (FLEXIBLE, TYPE 2)	23 – 25
623.01.01	DYNAMIC MESSAGE SIGNS	25
623.02.08	SERVICE PEDESTALS	25 – 26
623.02.12c	HIGH MAST HEAD FRAME ASSEMBLY	26

623.02.16	DUCT SEALING COMPOUND	26
623.02.30a	VEHICLE DETECTORS (PIEZOELECTRIC SENSORS)	26 – 27
623.02.30e	LOOP DETECTOR SEALANT	27 – 28
623.02.31	DRIVER FEEDBACK SIGNS	28
623.03.01	TRAFFIC SIGNALS	28 – 30
623.03.15	SIGN LIGHTING FIXTURES	31
623.03.22	LUMINAIRE RETRIEVAL SYSTEM	31
623.05.26	RED LIGHT DETECTORS	31
625.02.02	MARKERS (REFLECTIVE ON CONCRETE BARRIER RAILS)	31 – 33
625.02.03	CHANGEABLE MESSAGE SIGNS	33 – 36
625.02.04	IMPACT ATTENUATOR (TEMPORARY)	36 – 38
625.02.05	IMPACT ATTENUATOR (TRUCK MOUNTED)	38 – 39
625.02.06	WATER FILLED BARRIER RAIL	39
625.02.07	PORTABLE BEACON LIGHT SYSTEM	40
625.03.03	SIGN SUPPORT SYSTEM	40 – 46
625.03.04	BARRICADES	46 – 49
627.02.01	THERMOPLASTIC SIGN PANELS	49
630.02.01	HEADLIGHT GLARE SCREENS	50
632.03.05	RETROREFLECTOMETERS	50 – 51
633.02.01	PAVEMENT MARKERS (NON-REFLECTIVE, PERMANENT)	51 – 52
633.02.02	PAVEMENT MARKERS (REFLECTIVE, PERMANENT)	52 – 53
633.02.03	PAVEMENT MARKERS (REFLECTIVE, RECESSED)	53
633.02.04	PAVEMENT MARKERS ADHESIVE	53 – 54
633.02.05	LANE LINE MARKERS (REFLECTIVE, TEMPORARY)	54 – 55
635.02.01	PAVEMENT STRIPING TAPE (TEMPORARY)	55 – 56
637.03.02	DUST PALLIATIVE (OPTIONAL)	56 – 59
641.02.01	IMPACT ATTENUATORS	59 – 60
642.02.02	CONCRETE PANEL WALL SYSTEMS	60 – 61
642.02.03	SEGMENTAL BLOCK WALL SYSTEMS	61
646.02.02	CRACK SEALANTS	61 – 62
646.02.05	LIQUID MEMBRANE	62

702.03.01c	CURING COMPOUND (LIQUID MEMBRANE FORMING FOR CURING CONCRETE)	62 – 63
702.03.01d	CURING COMPOUND (WHITE PIGMENTED, WAX BASE)	63 – 64
702.03.04	CURING COMPOUND (BRIDGE DECK)	64 – 65
702.03.05	POZZOLANS	65 – 66
707.03.04	JOINT SEALER (FOR WEAKENED PLANE JOINTS IN PCCP)	66 – 67
714.03.01b	COATING SYSTEMS FOR BRIDGES	67
716.03.01a	REFLECTIVE SHEETING (TYPE IV)	67 – 69
716.03.01b	REFLECTIVE SHEETING (TYPE V)	69
716.03.01c	REFLECTIVE SHEETING (TYPE VI)	69 – 70
716.03.01d	REFLECTIVE SHEETING (TYPE IX)	70 – 71
716.03.01e	REFLECTIVE SHEETING (TYPE XI)	71 – 72
726.03.04	HERBICIDES	72
726.03.07	MULCH	73 – 75
726.03.08	TACKIFIER	75 – 76
726.03.17	SOIL STABILIZER	76 – 79
728.03.02	EPOXY RESIN ADHESIVE FOR BONDING	80 – 85
729.03.03	PAINT MARKING MATERIAL – EPOXY	85 – 86
729.03.05	PAINT MARKING MATERIAL – POLYUREA	86 – 87
729.03.05a	PAINT MARKING MATERIAL – RAPID DRY WATERBORNE PAINT (ACRYLIC EMULSION)	87
729.03.05b	PAINT MARKING MATERIAL – RAPID DRY WATERBORNE PAINT (TYPE I, TEMPORARY STRIPING FORMULATION)	87 – 88
729.03.05c	PAINT MARKING MATERIAL – RAPID DRY WATERBORNE PAINT (TYPE II, PERMANENT STRIPING FORMULATION)	88 – 89
732.03.01	PAVEMENT MARKING TAPE (TYPE I)	89 – 90
732.03.02	PAVEMENT MARKING TAPE (TYPE II)	90 – 91
732.03.03	PAVEMENT MARKING TAPE (TYPE IV)	91
732.03.04a	PAVEMENT MARKINGS (HOT APPLIED THERMOPLASTIC)	92
732.03.04b	PAVEMENT MARKINGS (PREFORMED THERMOPLASTIC)	92

NEVADA DEPARTMENT OF TRANSPORTATION

QUALIFIED PRODUCTS LIST (QPL)

213.02.17 BACKFLOW PREVENTER COVERS

Vendor Name / Address	Product Name	Remarks
VIT Products Incorporated Kim Goldenstein 2063 Wineridge Place Escondido CA 92029 sales@vitproducts.com	Phone: (760) 480-6702 Cell: Fax: (760) 480-0211 www.vitproducts.com	ALHPI 60 approved 6 /14/2006
VIT Products Incorporated Kim Goldenstein 2063 Wineridge Place Escondido CA 92029 sales@vitproducts.com	Phone: (760) 480-6702 Cell: Fax: (760) 480-0211 www.vitproducts.com	SBBC-50 ALPH approved 6 /14/2006

214.02.01 MAILBOX SUPPORT SYSTEMS (TYPE C)

Vendor Name / Address	Product Name	Remarks
S-Square Tube Products Eileen French PO Box 306 Commerce City CO 80037 admin@s-squartube.com	Phone: (303) 286-7051 Cell: (888) 267-6463 Fax: (866) 639-5717 www.s-squartube.com	NEX Type C approved 3 /29/2004
Traffic & Parking Control Company Bryan Everard 5100 West Brown Deer Road Brown Deer WI 53223 bryane@tapconet.com	Phone: (262) 814-7000 Cell: (414) 793-2508 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
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

401.03.02 ASPHALT RELEASE AGENTS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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. Paul Wilson 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: Fax: (770) 386-3391 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
Rhomar Industries Eric Vestal 2107 East Rockhurst Springfield MO 65802 evestal@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

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ergon Asphalt Products Ryan Proctor 3901 Ponderosa Way Las Vegas NV 89118 ryan.proctor@ergon.com	Phone: (303) 243-4607 Cell: Fax: www.ergon.com	ePrime Dilute according to manufacturer's directions approved 9 /11/2012
Paramount Alon Asphalt Bakersfield Jim Ryan PO Box 5655 Bakersfield CA 93388 jryan@ppcla.com	Phone: (661) 392-3630 Cell: (661) 978-9357 Fax: (661) 399-1054 www.alonashalt.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

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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
Highway Product Incorporated Jim Lenford 7905 Agate Road White City OR 97503 lenford.jim6800toolbox.com	Phone: (800) 866-5269 Cell: (541) 826-3551 Fax: (541) 826-3607 www.800toolbox.com	All Season Patch approved 6 /1 /1999
Interwest Safety Supply Incorporated Dave Krantz 724 East 1860 South Provo UT 84606-6214 dkrantz@iwsafety.com	Phone: (801) 375-6321 Cell: Fax: (801) 377-2739 www.iwsafety.com	Instant Road Repair approved 12/31/2011
Lakeside Industries Rick Rawlings 6505 226th Place SE Suite 200/PO Box 7016 Issaquah WA 98027 rickr@lakesideind.com	Phone: (425) 313-2681 Cell: (425) 313-2600 Fax: (425) 313-2620 www.lakesideind.com	EZ Street Cold Asphalt approved 1 /13/2011
Nord-Agrar International Incorporated Customer Service 1605 Sonoma Avenue Albany CA 94707 rami@nordagrار.com	Phone: (800) 238-4838 Cell: (510) 525-8961 Fax: (510) 525-8743 www.nordagrار.com	Perma Patch 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 Asphalt Bond-X Bond X approved 10/13/2011
Unique Paving Materials Corporation William Stul 3993 East 93rd Street Cleveland OH 44105 info@uniquepavingmaterials.com	Phone: (800) 441-4880 Cell: (562) 243-3804 Fax: (216) 341-8514 www.uniquepavingmaterials.com	UPM High Performance Cold Mix approved 10/13/2011

496.02.01 OVERLAY SYSTEM (POLYESTER)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488 www.atlasform.com	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

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
Olin Epoxy-POLY-CARB Jeff Shrider 8440 Tower Drive Twinsburg OH 44087 jeff@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 417-5535 Fax: www.poly-carb.com	Poly-Carb Mark 163 Flexogrid approved 8/29/2009
Unitex Chemicals / Dayton Superior Clay Christiansen 2069 NE Henefer Rd. Henefer UT 84033 claychristiansen@daytonsuperior.com	Phone: (801) 671-3658 Cell: Fax: www.unitex-chemicals.com	Pro-Poxy Type III DOT approved 8/29/2009

502.03.13b PREFORMED JOINT FILLERS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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502.03.13b PREFORMED JOINT FILLERS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
BASF/Watson Bowman Acme Corp Paul Biesinger 95 Pineview Drive Amherst NY 14228 paul.biesinger@basf.com	Phone: (800) 677-4922 Cell: (716) 553-7308 Fax: (716) 691-9239 www.wbacorp.com	JEENE Structural & Sealing Jt approved 8 /2 /2006
BASF/Watson Bowman Acme Corp Paul Biesinger 95 Pineview Drive Amherst NY 14228 paul.biesinger@basf.com	Phone: (800) 677-4922 Cell: (716) 553-7308 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: Fax: (518) 664-6001 www.polyset.com	Ply-Seal 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: Fax: (518) 664-6001 www.polyset.com	Ply-Seal XE Beige approved 3 /28/2011
RJ Watson Incorporated Eric Watson 11035 Walden Alden NY 14004 ewatson@rjwatson.com	Phone: (716) 901-7020 Cell: Fax: (716) 901-7015 www.rjwatson.com	Silicoflex approved 12/7 /2000
Sunshine Industrial, Inc. Mack Hahn or Ayme Price 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

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
BASF/Watson Bowman Acme Corp Debra Steiger 95 Pineview Drive Amherst NY 14228 debbie.steiger@basf.com	Phone: (800) 677-4922 Cell: (716) 817-5410 Fax: (716) 691-9239 www.wbacorp.com	Wabo Expandex approved 12/5 /2011

502.03.13c ASPHALTIC PLUG EXPANSION JOINTS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
DS Brown Company Brent Toller 300 East Cherry Street North Baltimore OH 45872 btoller@dsbrown.com	Phone: (800) 848-1730 Cell: (801) 837-8555 Fax: (419) 257-2200 www.dsbrown.com	Matrix 502 DS Brown approved 6 /5 /1997
Dynamic Surface Application Ltd Mike Stachowicz 373 Village Road Pennsdale PA 17756 mstachowicz@dsa-ltd.com	Phone: (800) 491-5663 Cell: (413) 427-0227 Fax: (888) 600-0036 www.dsa-ltd.com	BJS Thorma Joint System approved 9 /19/2002

502.03.13d EXPANSION JOINT SEALANT

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
BASF/Watson Bowman Acme Corp Debbie Steiger 95 Pineview Drive Amherst NY 14228 debbie.steiger@basf.com	Phone: (800) 677-4922 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)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Silicone Specialties Incorporated Joe Maloney PO Box 50009 Tulsa OK 74150 joe.maloney@ssicm.com	Phone: (800) 888-8909 Cell: (915) 276-1376 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)

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

Vendor Name / Address	Product Name	Remarks
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	#5078 Class B approved 9 /25/2017
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	Asphalt Rubber Modified Type 1, 2 or 4 depends on the climate zone approved 11/22/2016

505.02.03 EPOXY COATINGS (FOR STEEL REINFORCING BARS)

Vendor Name / Address	Product Name	Remarks
3M Electrical Markets Division Karu Alahapperuma 6801 River Place Boulevard Austin TX 78726 kalahapperuma@mmm.com	Phone: (979) 848-5502 Cell: (979) 215-4571 Fax: (979) 848-5533 www.3m.com/corrosion	Scotchkote 413 Fusion Bonded Epoxy Powder Coating Fusion Bonded Epoxy Coating 413 - AASHTO M284 / ASTM A775 approved 10/10/2011
3M Infrastructure Protection Division Sam Attaguile 6801 Riverplace Boulevard Austin TX 78726 samattaguile@mmm.com	Phone: (512) 984-4146 Cell: Fax: (512) 984-4871 www.3m.com/corrosion	Scotchkote 413/215 Rebar Liquid Patch Compound 413/215 - AASHTO M284 / ASTM A775 as repair material for 3M FB 413 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
Dupont Coating Solutions, Inc. Bob Batchelor 6131 McCauley Rd. Valley Springs CA 95252 robert.e.batchelor@usa.dupont.com	Phone: (209) 772-9411 Cell: (209) 815-4650 Fax: (209) 772-9411 www.dupontpowder.com	7-2719 Nap Gard approved 1 /22/2001
Dupont Coating Solutions, Inc. Bob Batchelor 6131 McCauley Rd. Valley Springs CA 95252 robert.e.batchelor@usa.dupont.com	Phone: (209) 772-9411 Cell: (209) 815-4650 Fax: (209) 772-9411 www.dupontpowder.com	7-2750 Nap Gard approved 1 /22/2001
Valspar Corporation Karl Jorgenrud P.O. Box 1461 Minneapolis MN 55440 kjorgenrud@valspar.com	Phone: (612) 851-7036 Cell: (612) 309-5900 Fax: (612) 465-2676 www.valspar.com	Lilly Greenbar #720A009 approved 4 /4 /2000

600.02.01 TRENCH DRAINS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
ACO Polymer Products, Inc. Justin White 825 Beechcraft Casa Grande AZ 85222 jwhite@aco-online.com	Phone: (888) 490-9552 Cell: (209) 204-0988 Fax: (209) 574-1014 www.acousa.com	S300K Concrete This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 1 /28/2003
ACO Polymer Products, Inc. Justin White 825 Beechcraft Casa Grande AZ 85222 jwhite@aco-online.com	Phone: (888) 490-9552 Cell: (209) 204-0988 Fax: (209) 574-1014 www.acousa.com	TrafficDrain This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 1 /28/2003
Hubbell Lenoir City, Inc. Thomas Beattie 273 Willow Green Way Vacaville CA 95687 tbeattie@hubbell.com	Phone: (800) 346-3061 Cell: (707) 291-6991 Fax: (865) 986-0585 www.polycastdrain.com	Polycast 700 This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 3 /2 /2005
Hubbell Lenoir City, Inc. Thomas Beattie 273 Willow Green Way Vacaville CA 95687 tbeattie@hubbell.com	Phone: (800) 346-3061 Cell: (707) 291-6991 Fax: (865) 986-0585 www.polycastdrain.com	Polycast 900R This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 9 /18/2012
Multidrain Systems Incorporated Steve Born PO Box 7107 Statesville NC 28687 steve.born@multidrainsystems.com	Phone: (866) 634-6057 Cell: (704) 873-9081 Fax: (704) 873-9082 www.multidrainsystems.com	EconoDrain This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 4 /6 /2004
Multidrain Systems Incorporated Steve Born PO Box 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
Zurn Industries Incorporated Jim Delre 1801 Pittsburgh Avenue Erie PA 16502 jim.delre@zurn.com	Phone: (814) 455-0921 Cell: (919) 332-5653 Fax: (814) 875-1402 www.zurn.com	Z-882 (9.25" Wide) This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 3 /28/2003
Zurn Industries Incorporated Jim Delre 1801 Pittsburgh Avenue Erie PA 16502 jim.delre@zurn.com	Phone: (814) 455-0921 Cell: (919) 332-5653 Fax: (814) 875-1402 www.zurn.com	Z-886 (4" Wide) This is a general QPL ONLY; the unit will be selected based on the specific project requirements.	approved 3 /28/2003

609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Ardex LP Dennis Layne 400 Ardex Park Drive Aliquippa PA 15001 dennis.layne@ardexamericas.com	Transportation Repair Mortar (TRM) Phone: (724) 203-5000 Cell: (602) 418-1292 Fax: (724) 203-0373 www.ardexamericas.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 10/31/2013
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	Atlas Pro-1 Patch Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488 www.atlasform.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 5/14/2009
BASF Corporation John Bettencourt 889 Valley Park Drive Shakopee MN 55379 john.bettencourt@basf.com	Master Emaco S466 CI Phone: (952) 496-6547 Cell: (925) 784-6969 Fax: (952) 496-6067 www.buildingstystems.basf.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 1/3/2002
BASF Corporation John Bettencourt 889 Valley Park Drive Shakopee MN 55379 john.bettencourt@basf.com	Master Emaco T10-60 Phone: (952) 496-6547 Cell: (925) 784-6969 Fax: (952) 496-6067 www.buildingstystems.basf.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 1/3/2002
BASF Corporation John Bettencourt 889 Valley Park Drive Shakopee MN 55379 john.bettencourt@basf.com	Master Emaco T545 DOT Phone: (952) 496-6547 Cell: (925) 784-6969 Fax: (952) 496-6067 www.buildingstystems.basf.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 1/3/2002
Buzzi Unicem USA Incorporated William Krupa 100 Brodhead Road Suite 230 Bethlehem PA 18017 william.krupa@buzziunicemusa.com	Ulti Pave3 Phone: (610) 882-4013 Cell: (610) 882-5013 Fax: (610) 868-8795 www.buzziunicemusa.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 6/28/2010
Buzzi Unicem USA Incorporated William Krupa 100 Brodhead Road Suite 230 Bethlehem PA 18017 william.krupa@buzziunicemusa.com	UltiGrout Phone: (610) 882-4013 Cell: (610) 882-5013 Fax: (610) 868-8795 www.buzziunicemusa.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 6/28/2010
Buzzi Unicem USA Incorporated William Krupa 100 Brodhead Road Suite 230 Bethlehem PA 18017 william.krupa@buzziunicemusa.com	Utility Fill One Step Phone: (610) 882-4013 Cell: (610) 882-5013 Fax: (610) 868-8795 www.buzziunicemusa.com	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.	approved 6/28/2010

609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
CTS Cement Manufacturing Corp Grant Kao 11065 Knott Avenue, Suite A Cypress CA 90630 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 11065 Knott Avenue, Suite A Cypress CA 90630 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 11065 Knott Avenue, Suite A Cypress CA 90630 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 11065 Knott Avenue, Suite A Cypress CA 90630 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 11065 Knott Ave. Cypress CA 90630 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 Clay Christiansen 2069 NE Henefer Rd. Henefer UT 84033 claychristiansen@daytonsuperior.com	Phone: (801) 671-3658 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.	approved 9 /30/1996
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	EucoSpeed	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	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	EucoSpeed MP	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

609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	Planigrout 712	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /25/2017
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	Planitop 18	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 3 /24/2017
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	Planitop 18 ES	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /25/2017
MAPEI Corporation Bruce Haller 1144 E Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	Planitop X	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications. approved 9 /25/2017
MAPEI Corporation Bruce Haller 1144 E. Newport Center Drive Deerfield Beach FL 33442 bhaller@mapei.com Phone: (954) 246-8520 Cell: (954) 637-5121 Fax: (954) 246-8825 www.mapei.com	Planitop XS	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
R.A. Lucas Company, Inc. Raeleen Lucas 5182 Katella Ave., Suite 1048 Los Alamitos CA 90720-2853 lucasco@ralucasco.com Phone: (562) 799-6160 Cell: Fax: (562) 799-6150 www.ralucasco.com	Phosocrete HC	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 Phone: (925) 785-6241 Cell: Fax: usa.sika.com	Sikacrete 321FS	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 Phone: (925) 785-6241 Cell: Fax: usa.sika.com	Sikaquick 2500	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

609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

Vendor Name / Address	Product Name	Remarks	
SpecChem, LLC Colin Buchanan 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 cbuchanan@specchemllc.com	Phone: (913) 233-9700 Cell: Fax: www.specchemllc.com	Repcon 928	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	Phone: (866) 827-8727 Cell: (410) 561-8770 Fax: (410) 561-8771 www.uscproducts.com	HP Cement	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	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.uspec.com	US SPEC Quickset	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.
			approved 3 /24/2017
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.uspec.com	US SPEC R3	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	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.uspec.com	US SPEC STR Mortar	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.
			approved 8 /29/2008
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.uspec.com	US SPEC Transpatch	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.
			approved 3 /24/2017
US Mix Company Andrew Beaty 112 South Santa Fe Drive Denver CO 80223 abeaty@usmix.com	Phone: (303) 778-7227 Cell: (303) 489-1083 Fax: (303) 722-8426 www.uspec.com	US SPEC Transpatch Concrete	The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.
			approved 9 /3 /2014
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.uspec.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.
			approved 3 /24/2017

609.03.02 FAST SETTING CONCRETE PRODUCTS (NON STRUCTURAL)

Vendor Name / Address	Product Name	Remarks
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 Fast Setting Concrete The use of products on this list are limited to concrete collars placed around manholes, valves, covers, etc., unless pre-approved through Materials Division for other applications.

approved
8 /21/2008

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 Neil Erickson 9025 Centre Pointe Drive Suite 400 West Chester OH 43069 ericksonn@contech-cpi.com	Phone: (800) 338-1122 Cell: (916) 635-0760 Fax: www.contech-cpi.com	Armorflex This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
CONTECH Neil Erickson 9025 Centre Pointe Drive Suite 400 West Chester OH 43069 ericksonn@contech-cpi.com	Phone: (800) 338-1122 Cell: (916) 635-0760 Fax: www.contech-cpi.com	Petraflex This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
Hanes Geo Components Quinn Brown 5927 Balfour Court Suite 108 Carlsbad CA 92008 quinn.brown@hanescompanies.com	Phone: (702) 341-0354 Cell: (702) 493-3713 Fax: (760) 431-2453 www.hanesgeo.com	Armorflex This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
Shoretac Patrick Bonorden 510 O'Neal Lane Baton Rouge LA 70819 pbonorden@premierconcrete.com	Phone: (281) 450-3469 Cell: (225) 273-9888 Fax: (225) 273-3511 www.shoretac.com	Shorblock This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
Shoretac Patrick Bonorden 510 O'Neal Lane Baton Rouge LA 70819 pbonorden@premierconcrete.com	Phone: (281) 450-3469 Cell: (225) 273-9888 Fax: (225) 273-3511 www.shoretac.com	Shoretac This is a general QPL ONLY; the unit will be selected based on the specific project requirements.
Soil Retention Products, Inc. Nick Jansson 2501 State Street Carlsbad CA 92008 njansson@soilretention.com	Phone: (760) 966-6090 Cell: Fax: (760) 966-6099 www.soilretention.com	Enviroflex This is a general QPL ONLY; the unit will be selected based on the specific project requirements.

approved
11/18/2009

approved
10/23/2008

approved
10/23/2008

approved
1 /21/1998

approved
3 /23/2009

approved
3 /23/2009

approved
8 /23/2011

612.02.01 GRAFFITI RESISTANT COATINGS

Vendor Name / Address	Product Name	Remarks	
American Polymer Corporation Gordon Daw 9176 South 300 West Suite 4 Sandy UT 84070 gdaw@americanpolymer.com	Phone: (866) 366-1137 Cell: (801) 255-9505 Fax: (801) 255-7123 www.americanpolymer.com	Clear VU High Solids (AP 307) Clear VU High Solids Base Coating (AP 307) Clear Top Coat (AP100, AP101, or AP102) Pigmented Top Coat (AP200, AP201, or AP202) 10/08 new product replaces GSS 10	approved 7 /6 /2008
Integument Technologies Jennifer Smyth 72 Pearce Avenue Tonawanda NY 14150 info@integument.com	Phone: (716) 873-1199 Cell: Fax: (716) 873-1303 www.integument.com	Fluorogrip Anti Graffiti Film For signs ONLY	approved 11/12/2010
Monopole Incorporated Tony Khalil 4661 Alger Street Los Angeles CA 90039 tony@monopoleinc.com	Phone: (800) 491-9977 Cell: (818) 515-5004 Fax: (818) 502-0818 www.monopoleinc.com	Monochem Permashield 5600 Premium System Company passed an additional metal field test	approved 10/6 /2009
Sherwin-Williams Company Paul Trautman 101 Prospect Avenue NW Cleveland OH 44115 paul.trautmann@sherwin.com	Phone: (216) 566-1733 Cell: (210) 861-2286 Fax: (216) 830-7721 www.sherwin-williams.com	2K Waterbased Urethane Anti Graffiti Part A: B65T00194 and Part B: B65V190	approved 9 /21/2009
Textured Coatings of America Bill Borchert PO Box 9235 Santa Rosa CA 95405 specwestreps@aol.com	Phone: (510) 206-8030 Cell: Fax: (510) 346-2441 www.texcote.com	Graffiti-Gard "S"	approved 11/12/2010
The Starco Group/SEI Chemical Company Ross Sklar 3137 East 26th St Vernon CA 90058 ross@thestarcogroup.com	Phone: (323) 266-7111 Cell: Fax: (888) 273-4489 www.thestarcogroup.com	GPA 200 Graffiti Proofer Flattening agent required	approved 9 /29/2009
The Starco Group/SEI Chemical Company Ross Sklar 3137 East 26th St Vernon CA 90058 ross@thestarcogroup.com	Phone: (323) 266-7111 Cell: Fax: (888) 273-4489 www.thestarcogroup.com	GPA 300 Graffiti Proofer Flattening agent required	approved 9 /29/2009

613.02.01 DETECTABLE WARNINGS (ADA TILE)

Vendor Name / Address	Product Name	Remarks	
ACO Polymer Products, Inc. Justin White 825 Beechcraft Casa Grande AZ 85222 jwhite@aco-online.com	Phone: (888) 490-9552 Cell: (209) 204-0988 Fax: (209) 574-1014 www.acousa.com	ACO DWD Approved for concrete panels in NV Red ONLY.	approved 2 /26/2009

613.02.01 DETECTABLE WARNINGS (ADA TILE)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
ACO Polymer Products, Inc. Justin White 825 Beechcraft Casa Grande AZ 85222 jwhite@aco-online.com	Phone: (888) 490-9552 Cell: (209) 204-0988 Fax: (209) 574-1014 www.acousa.com	DWD Heritage	Approved for concrete panels in Red ONLY. approved 2 /26/2009
Advanced Surface Systems, Inc. (ASSI) Karen "KC" Hemry 509 Radford Place Knoxville TN 37917 kchemry@hotmail.com	Phone: (865) 540-3833 Cell: (865) 206-4789 Fax: (865) 540-3933 www.suredome.com	SureDome	Approved for concrete panels in both NV Red and NV Green. approved 10/10/2008
Arcis Corporation Daniel VanBrabant 10680 NW 289th Place/PO Box 1250 North Plains OR 97133 danv@arcis-corp.com	Phone: (503) 647-5042 Cell: Fax: (503) 647-7731 www.arcis-corp.com	ADA Arcis Tactile	Approved for concrete panels in both NV Red and NV Green. approved 9 /2 /2008
Armorcast Products Company Aria Aleong 13230 Saticoy Street North Hollywood CA 91605 aria@armorcastprod.com	Phone: (818) 982-3600 Cell: (714) 271-8754 Fax: (818) 982-7742 www.armorcastprod.com	Armorcast DWS	Approved for concrete panels in both NV Red and NV Green. approved 2 /28/2011
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 both NV Red and NV Green. 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 both NV Red and NV Green. 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 both NV Red and NV Green. 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 ericksonn@contech-cpi.com	Phone: (800) 338-1122 Cell: (916) 635-0760 Fax: www.contech-cpi.com	Safety Geogrid	approved 5 /15/2002

616.02.01 PLASTIC FENCE FABRIC

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Conwed Plastics Customer Service 1300 Godward Avenue SE Suite 5000 Minneapolis MN 55413 customer.service@conwedplastics.com	Phone: (800) 426-6933 Cell: (612) 623-1700 Fax: (612) 623-2500 www.conwedplastics.com	Safety Fence approved 10/10/1999

618.02.01 GUARDRAIL OFFSET BLOCKS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Arizona Structural Laminators Ginger Wiltbank PO Box 2008 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
Trinity Highway Products, LLC Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	King-Block Used with steel post w-beam guardrails approved 5 /31/2005
Trinity Highway Products, LLC Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	King-Sized King Block Used with steel post tri-beam guardrails approved 5 /31/2005

618.02.01a GUARDRAIL TERMINAL

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

618.02.01a GUARDRAIL TERMINAL

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
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	SKT 350 TANGENTIAL; TL-3 Compliant.	approved 1 /12/1998
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	SKT Lite TANGENTIAL; TL-3 Compliant.	approved 1 /12/1998
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	SKT SP TANGENTIAL; TL-3 Compliant.	approved 1 /12/1998
Trinity Highway Products, LLC Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	CAT 350 TANGENTIAL; TL-3 Compliant	approved 3 /30/1997
Trinity Highway Products, LLC Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	ET Plus TANGENTIAL; TL-3 Compliant	approved 6 /20/2016
Trinity Highway Products, LLC Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	SRT 350 FLARED	approved 3 /30/1997

619.02.01a GUIDEPOSTS (FLEXIBLE)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Carsonite Composites Ernest Joyner 19845 US Highway 76 Newberry SC 29108 ernest.joyner@philips.com	Phone: (800) 648-7916 Cell: (803) 940-3034 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. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 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

619.02.01a GUIDEPOSTS (FLEXIBLE)

Vendor Name / Address	Product Name	Remarks	
Energy Absorption Systems, Inc. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	RT 360 HD Tub Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	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. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	SH Barrier Replaceable Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	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. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	SH Dura Post Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	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. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	SH K-Marker Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	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. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	SH Tubular Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	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	TSM Series Phone: (706) 253-3040 Cell: (239) 464-6591 Fax: (706) 253-3041 www.ndm-inc.com		approved 9 /3 /2014
Pexco LLC / Davidson Traffic Cntrl Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	FG 300 Complete Curb Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	Type 2; standard surface and soil/ground mount options available	approved 6 /19/2009
Pexco LLC / Davidson Traffic Cntrl Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	FG 300 Model EFX Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	Type 2; standard surface and soil/ground mount options available	approved 6 /19/2009

619.02.01a GUIDEPOSTS (FLEXIBLE)

Vendor Name / Address	Product Name	Remarks
Pexco LLC / Davidson Traffic Cntrl Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	FG 300 Model PE Type 2; standard surface and soil/ground mount options available approved 10/15/1999
Pexco LLC / Davidson Traffic Cntrl 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)

Vendor Name / Address	Product Name	Remarks
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619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Carsonite Composites Int'l Ernest Joyner III 19845 US Highway 76 Newberry SC 29108 ernest.joyner@philips.com	Island Sentry K-Marker	Type 2; standard surface and surface/soil mount options available	approved 8 /1 /1989
Energy Absorption Systems, Inc. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	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. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	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. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	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. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	SH K-Marker Series	Type 2; standard surface and soil/ground mount options available	approved 10/5 /2008
Energy Absorption Systems, Inc. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	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. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	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	BD 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	HM 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	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 / Davidson Traffic Cntrl 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 / Davidson Traffic Cntrl 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 / Davidson Traffic Cntrl 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 / Davidson Traffic Cntrl 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 / Davidson Traffic Cntrl 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

619.02.01b OBJECT MARKERS (FLEXIBLE, TYPE 2)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
SHUR-TITE Products Gary Champ P.O. Box 2283 Round Rock TX 78680 gary@shur-tite.com	Phone: (512) 218-9500 Cell: Fax: (512) 388-0417 www.shur-tite.com	Shur-Flex Driveable Type 2; standard surface and surface/soil mount options available approved 2 /2 /2010
Three D Traffic Works Frank Dvoracek 430 North Varney Street Burbank CA 91502 sales@trafficwks.com	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096 www.trafficwks.com	TD 5215 K Marker Type 2; standard surface and surface/soil mount options available approved 12/3 /2002

623.01.01 DYNAMIC MESSAGE SIGNS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Daktronics Incorporated Casey Williamson 117 Prince Drive Brookings SD 57006-0128 casey.williamson@daktronics.com	Phone: (605) 692-0200 Cell: (720) 413-2307 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>
Eaton Corporation Tom Barber 6225 South Valley View Suite C Las Vegas NV 89118 thomasebarber@eaton.com	Phone: (702) 309-4088 Cell: Fax: (702) 222-0771 www.eaton.com	Service Pedestals approved 1 /7 /2011
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
Pacific Utilities Products Bob Ford 2430 Railroad Street Corona CA 92880 pupsales@pedestals.net	Phone: (800) 860-6157 Cell: (951) 493-8394 Fax: (951) 279-3116 www.pedestals.net	Service Pedestals approved 11/19/2002

623.02.08 SERVICE PEDESTALS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Tesco Controls Incorporated Curt Vasey 8440 Florin Road Sacramento CA 95828 cvasey@tescocontrols.com	Phone: (916) 395-8800 Cell: (916) 952-5088 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 Lighting Company Joseph Simons III 14904 E. Summit Drive Fountain Hills AZ 85268 himastltg@aol.com or Eaglekaren@aol.com	Phone: (847) 473-3800 Cell: (847) 247-1100 Fax: (480) 248-6730 www.eaglehighmast.com	High Mast Assembly Bottom latching approved 1 /2 /2004
Holophane Corporation John Caratozzolo, LC 42425 N 10th Avenue Phoenix AZ 85086 jcaratozzolo@holoplane.com	Phone: (623) 465-9135 Cell: (480) 227-7823 Fax: (866) 616-5189 www.holoplane.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 ideal_industries@idealindustries.com	Phone: (800) 435-0705 Cell: Fax: (800) 533-4483 www.idealind.com	Duct Seal approved 10/7 /2009
Rectorseal Shawn Sites 2601 Spenwick Drive Houston TX 77055 scottk@rectorseal.com	Phone: (713) 263-8001 Cell: (800) 231-3345 Fax: (713) 263-7577 www.rectorseal.com	RectorSeal 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

623.02.30a VEHICLE DETECTORS (PIEZOELECTRIC SENSORS)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Measurement Specialties, Inc. Robin Wilson 1000 Lucas Way Hampton VA 23666 robin.wilson@meas-spec.com	Phone: (757) 766-4496 Cell: Fax: (757) 766-4297 www.meas-spec.com	Roadtrax BL Sensor Brass Linguine Class 1 approved 5/26/1999

623.02.30e LOOP DETECTOR SEALANT

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Traffic Control Materials 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	5000 Rubberized Loop Rubberized asphalt material approved 6/16/2000
3M Traffic Control Materials 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	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
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
Quikrete Company Rob Hernandez 7705 Wilbur Way Sacramento CA 95828 rhernandez@quikrete.com	Phone: (916) 689-8840 Cell: (916) 248-2139 Fax: (916) 689-8857 www.quikrete.com	Commercial Grade Permanent Blacktop Repair #1701 Asphaltic concrete material approved 1/1/2001
RAI Products Incorporated John Rosenblatt Jr. PO Box 240772 Charlotte NC 28224 john@raiproductions.com	Phone: (704) 525-1852 Cell: (704) 904-1481 Fax: (704) 525-1859 www.raiproductions.com	Perm Sealer 974 Nitrile Nitrile rubber material approved 12/19/1996

623.02.30e LOOP DETECTOR SEALANT

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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) 371-8784 Fax: (866) 995-6449 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/DriveBrite 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 Matthew Sieglitz 1501 Route 34 South Farmingdale NJ 07727 msieglitz@dialight.com	Phone: (732) 919-3119 Cell: (732) 751-5810 Fax: (732) 751-3110 www.dialight.com	LED 12" Signal Heads (all) 16"x18" Ped Signal Hea Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications approved 3 /26/2002
Excellence Opto Incorporated Cheryl Huang 1663 West 2nd Street Pomona CA 91766 vendor@eoius.com	Phone: (909) 784-3333 Cell: (626) 823-8639 Fax: (909) 784-3330 www.eoius.com	LED Traffic Signal 12" TRV-R12SG-D2T Red, TRV-Y12SG-D2T Yellow, and TRV-G12SG-D2T Green Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications. approved 6 /17/2008
Excellence Opto Incorporated Cheryl Huang 1663 West 2nd Street Pomona CA 91766 vendor@eoius.com	Phone: (909) 784-3333 Cell: (626) 823-8639 Fax: (909) 784-3330 www.eoius.com	Pedestrian Traffic Signal 12" TRV-R12SG-D2T Red, TRV-Y12SG-D2T Yellow, and TRV-G12SG-D2T Green Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications. approved 6 /17/2008

623.03.01 TRAFFIC SIGNALS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Leotek Electronics Gail Lawrence 1955 Lundy Way 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 Gail Lawrence 1955 Lundy Way 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	approved 4 /2 /2015
Leotek Electronics Gail Lawrence 1955 Lundy Way 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 Gail Lawrence 1955 Lundy Way 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	approved 4 /2 /2015
Leotek Electronics Gail Lawrence 1955 Lundy Way San Jose CA 95131 gail.lawrence@leotek.com	TSL-12YA-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 Gail Lawrence 1955 Lundy Way San Jose CA 95131 gail.lawrence@leotek.com	TSL-12Y-LX-IL6-A1-P3 Phone: (903) 935-2695 Cell: (903) 399-8055 Fax: (408) 518-8128 www.leotek.com	approved 4 /2 /2015
Leotek Electronics USA Corp 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 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

623.03.01 TRAFFIC SIGNALS

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
Leotek Electronics USA LLC Gail Lawrence 1955 Lundy Avenue San Jose CA 95131 gail.lawrence@leotek.com	Phone: (408) 380-1788 Cell: (903) 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
Phoenix Highway Products Lupe Cruz 2631 North 37th Drive Phoenix AZ 85009 lupe@phoenixhighwayproducts.com	Phone: (602) 344-7770 Cell: (602) 326-5698 Fax: (602) 344-7771 www.lumination.com	LED 12" GTx Signal Heads Pedestrian Signal Heads	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 11/3 /2011
Phoenix Highway Products Lupe Cruz 2631 North 37th Drive Phoenix AZ 85009 lupe@phoenixhighwayproducts.com	Phone: (602) 344-7770 Cell: (602) 326-5698 Fax: (602) 344-7771 www.lumination.com	LED 12" Signal Heads	Must be intertek ETL verified to be compliant to the most current ITE VTCSH-LED or PTCSI-LED specifications	approved 3 /26/2002
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	JXJ300-07 Omni-directional "Tinted" Led Arrow	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

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>
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623.03.15 SIGN LIGHTING FIXTURES

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
GE Consumer & Industrial Lighting Syst Pete Porte 4141 Bison Lake Havasu AZ 86404 pete.porte@ge.com	Phone: (928) 855-7223 Cell: (714) 323-2636 Fax: (928) 855-7237 www.gelightingsystems.com	85 Watt Induction Versaflood III Induction (MSR Series Sign) Versaflood III Induction Signlighter CSV3SL2004) ***Product will be discontinued on January 1, 2017***
approved 1 /17/2003		
GE Consumer & Industrial Lighting Syst Pete Porte 4141 Bison Lake Havasu AZ 86404 pete.porte@ge.com	Phone: (928) 855-7223 Cell: (714) 323-2636 Fax: (928) 855-7237 www.gelightingsystems.com	GTx LED Signal Modules
approved 11/14/2011		
Holophane Corporation John Caratozzolo, LC 42425 N 10th Avenue Phoenix AZ 85086 jcaratozzolo@holoplane.com	Phone: (623) 465-9135 Cell: (480) 227-7823 Fax: (866) 616-5189 www.holophane.com	Panel Vue Series Model 85QLXXDG/QD/Door Prop
approved 1 /17/2003		
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		

625.02.02 MARKERS (REFLECTIVE ON CONCRETE BARRIER RAILS)

<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 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
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625.02.03 CHANGEABLE MESSAGE SIGNS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
ADDCCO 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 approved 4 /8 /1997
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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 GP465 (TYPE I) approved 4 /10/1997
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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 approved 4 /8 /1997
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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 (TYPE I) approved 4 /10/1997
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Enduron Custom Incorporated Chelsea Smith 150 Cree Crescent Winnipeg, Manitoba R3J 3W1 chelsea.s@enduron.net	Phone: (204) 885-2580 Cell: Fax: (204) 888-2912 www.enduron.net	CMS 80FM approved 10/13/2004
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625.02.03 CHANGEABLE MESSAGE SIGNS

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
National Sign & Signal Company Jeff Geofs 2440 Artesia Avenue Fullerton CA 92833 jeff@nationalsignalinc.net	Phone: (888) 994-0300 Cell: (714) 441-7707 Fax: (714) 441-7714 www.nationalsignal.com	Nighthawk 340*	* DISCONTINUING THESE PRODUCTS	approved 4 /10/2000
National Sign & Signal Company Jeff Geofs 2440 Artesia Avenue Fullerton CA 92833 jeff@nationalsignalinc.net	Phone: (888) 994-0300 Cell: (714) 441-7707 Fax: (714) 441-7714 www.nationalsignal.com	Nighthawk 340* (TYPE I)	* DISCONTINUING THESE PRODUCTS	approved 4 /10/2000
National Sign & Signal Company Jeff Geofs 2440 Artesia Avenue Fullerton CA 92833 jeff@nationalsignalinc.net	Phone: (888) 994-0300 Cell: (714) 441-7707 Fax: (714) 441-7714 www.nationalsignal.com	Nighthawk 345*	* DISCONTINUING THESE PRODUCTS	approved 4 /10/2000
National Sign & Signal Company Jeff Geofs 2440 Artesia Avenue Fullerton CA 92833 jeff@nationalsignalinc.net	Phone: (888) 994-0300 Cell: (714) 441-7707 Fax: (714) 441-7714 www.nationalsignal.com	Nighthawk 345* (TYPE I)	* DISCONTINUING THESE PRODUCTS	approved 4 /10/2000
National Sign & Signal Company Jeff Geofs 2440 Artesia Avenue Fullerton CA 92833 jeff@nationalsignalinc.net	Phone: (888) 994-0300 Cell: (714) 441-7707 Fax: (714) 441-7714 www.nationalsignal.com	Sunray Solar 345		approved 4 /10/2000
National Sign & Signal Company Jeff Geofs 2440 Artesia Avenue Fullerton CA 92833 jeff@nationalsignalinc.net	Phone: (888) 994-0300 Cell: (714) 441-7707 Fax: (714) 441-7714 www.nationalsignal.com	Sunray Solar 345 (TYPE I)		approved 4 /10/2000
National Sign & Signal Company Jeff Geofs 2440 Artesia Avenue Fullerton CA 92833 jeff@nationalsignalinc.net	Phone: (888) 994-0300 Cell: (714) 441-7707 Fax: (714) 441-7714 www.nationalsignal.com	Sunray Solar 380		approved 4 /10/2000
National Sign & Signal Company Jeff Geofs 2440 Artesia Avenue Fullerton CA 92833 jeff@nationalsignalinc.net	Phone: (888) 994-0300 Cell: (714) 441-7707 Fax: (714) 441-7714 www.nationalsignal.com	Sunray Solar 380 (TYPE I)		approved 4 /10/2000

625.02.03 CHANGEABLE MESSAGE SIGNS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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 approved 2 /22/1998
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 SM 2000 (TYPE I) 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 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 (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: (610) 391-8603 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: (610) 391-8603 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: (610) 391-8603 Fax: (610) 391-8601 www.solartechnology.com	Silent Messenger Solar Powered (TYPE I) approved 2 /22/1998
Wanco Incorporated Dan Myers 5870 Tennyson Street Arvada CO 80003 dan.myers@wanco.com	Phone: (303) 427-5700 Cell: (800) 972-0755 Fax: (303) 427-5725 www.wanco.com	WTLMB(A) Hydraulic tower lift approved 8 /5 /2002

625.02.04 IMPACT ATTENUATOR (TEMPORARY)

Vendor Name / Address	Product Name	Remarks	
Energy Absorption Systems, Inc. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	React 350 Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 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	Crash Gard Sand Barrel Phone: (800) 662-6338 Cell: (216) 231-8590 Fax: (216) 231-2702 www.PSS-Innovations.com.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 3 /22/2000
TraFFix Devices, Inc. Cary LeMonds 160 Avenida La Pata San Clemente CA 92673 clemonds@traffixdevices.com	Big Sandy Sand Barrel 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 3 /22/2000
TraFFix Devices, Inc. Cary LeMonds 160 Avenida La Pata San Clemente CA 92673 CLeMonds@TraFFixDevices.com	Sentry Longitudinal Energy Dissipater (SLED) 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 3 /25/2016

625.02.04 IMPACT ATTENUATOR (TEMPORARY)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Trinity Highway Products, LLC Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 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 Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 gripnedn@earthlink.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 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 Corporation 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)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Energy Absorption Systems, Inc. Don Gripne 4475 Delancy Drive Las Vegas NV 89103 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	Safe-Stop 180 TMA 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. Don Gripne 4475 Delancy Drive Las Vegas NV 89103 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	SS90HD 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
Gregory Industries Incorporated Eric Smith 4100 13th Street SW Canton OH 44710 esmith@gregorycorp.com	Phone: (330) 477-4800 Cell: (330) 265-1168 Fax: (330) 477-0626 www.gregorycorp.com	TTMA-100 Trailer Truck Mounted Attenuator TL-3 Compliant; Trailer Mounted - Minimum support vehicle weight of 10,000lbs (4,535.9kg), Maximum 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 Transporation Solutions / Barrier Systems Vance Ezell 3049 Golden State Frontage Rd Fresno CA 93725 vezell@stssi.com	Phone: (559) 999-5015 Cell: Fax: www.barriersystemsinc.com	U-MAD Trailer 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 and must have a manufacturer recommended installation for the design speed specified in the bid item. approved 2 /25/2015

625.02.05 IMPACT ATTENUATOR (TRUCK MOUNTED)

Vendor Name / Address	Product Name	Remarks
Lindsay Transportation Solutions / Barrier Systems Vance Ezell 3049 Golden State Frontage Rd Fresno CA 93725 vezell@stssi.com	Phone: (559) 999-5015 Cell: Fax: www.barriersystemsinc.com	UMAD TMA 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
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	ScorPion C 10,000 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 Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	MPS 350 III TL-3 Compliant; Truck Mounted - Required truck weight 6350 to 10,900 kg (16,090 to 19,845 lbs); Unit selected must have a manufacturer recommended installation for the design speed specified in the bid item. approved 9/17/1997

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	Phone: (818) 982-3600 Cell: (714) 271-8754 Fax: (818) 982-7742 www.armorcastprod.com	Guardian Barrier Water Filled w/350 Kit Allowed for speeds less than or equal to 45 mph. approved 6/23/1998
Energy Absorption Systems, Inc. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	Triton Barrier 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
PolyJohn Enterprise/SinksNMore Div. Steve Washburn 2500 Gaspar Avenue Whiting IN 46394-2175 steve.washburn@polyjohn.com	Phone: (800) 292-1305 Cell: Fax: (219) 659-0625 www.rhinobarriers.com	Rhino Safety Barrier w/350 kit Use 30 m (100 ft) minimum for LON for speeds less than or equal to 45 mph. Deflection is up to 13 ft (4 m). Fill each panel with 92.5 gal (350 L) of water (+/- 1 gal (3.8 L)). *NOTE: 350 kit no longer available* approved 10/24/2007
Trinity Highway Products, LLC Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 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

Vendor Name / Address	Product Name	Remarks
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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-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 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	Phone: (800) 333-5641 Cell: (206) 818-9277 Fax: (800) 695-6054 www.dicketool.com	DF3000WQ Dynaflex	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	Phone: (800) 333-5641 Cell: (206) 818-9277 Fax: (800) 695-6054 www.dicketool.com	DF3003S Dynaflex	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	Phone: (800) 333-5641 Cell: (206) 818-9277 Fax: (800) 695-6054 www.dicketool.com	DF3003W Dynaflex	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	Phone: (800) 333-5641 Cell: (206) 818-9277 Fax: (800) 695-6054 www.dicketool.com	DL1003W Dynaflex	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	Phone: (800) 333-5641 Cell: (206) 818-9277 Fax: (800) 695-6054 www.dicketool.com	UF2000 Uniflex Verticle Portable	Must conform to section 716. Dibond susbstrate is allowed only with stands specified by the FHWA letters of acceptance approved 12/7 /1998
Eastern Metals Michelle Beiling 1430 Sullivan Street Elmira NY 14901 mbeiling@usa-sign.com	Phone: (800) 872-7446 Cell: (607) 734-2295 Fax: (607) 734-8783 www.usa-sign.com	C200	must conform to section 716. Dibond susbstrate is allowed only with stands specified by the FHWA letters of acceptance approved 5 /31/2000

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 www.kormansigns.com Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	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 www.kormansigns.com Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	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 www.kormansigns.com Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	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 www.kormansigns.com Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	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 www.kormansigns.com Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	SS548CA	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 www.kormansigns.com Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	SS548CAE	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 www.kormansigns.com Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	SS548CE	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 www.kormansigns.com Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	SS548E	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 www.kormansigns.com	SS548UC Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	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 www.kormansigns.com	SS548UCA Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	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 www.kormansigns.com	SS548UCR Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	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 www.kormansigns.com	SS548UCRA Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	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 www.kormansigns.com	SS560 Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	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 www.kormansigns.com	SS560A Phone: (800) 296-6050 Cell: (804) 262-6050 Fax: (804) 261-1040	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 ecase@mdiworldwide.com www.mditrafficcontrol.com	4812 Phone: (800) 521-6776 Cell: (248) 488-5762 Fax: (248) 488-5700	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 ecase@mdiworldwide.com www.mditrafficcontrol.com	4814K Windmaster Phone: (800) 521-6776 Cell: (248) 488-5762 Fax: (248) 488-5700	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>	
Marketing Displays International Eydie Case 38271 West Twelve Mile Road Farmington Hills MI 48331 ecase@mdiworldwide.com	Phone: (800) 521-6776 4815RB Cell: (248) 488-5762 Fax: (248) 488-5700 www.mditraficcontrol.com	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 ecase@mdiworldwide.com	Phone: (800) 521-6776 4818 Cell: (248) 488-5762 Fax: (248) 488-5700 www.mditraficcontrol.com	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 ecase@mdiworldwide.com	Phone: (800) 521-6776 4850RB Cell: (248) 488-5762 Fax: (248) 488-5700 www.mditraficcontrol.com	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 ecase@mdiworldwide.com	Phone: (800) 521-6776 4860KC Cell: (248) 488-5762 Fax: (248) 488-5700 www.mditraficcontrol.com	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 ecase@mdiworldwide.com	Phone: (800) 521-6776 4884CS Cell: (248) 488-5762 Fax: (248) 488-5700 www.mditraficcontrol.com	Must conform to section 716. Dibond substrate is allowed only with stands specified by the FHWA letters of acceptance	approved 1 /24/2003
Traffix Devices, Inc. Cary LeMonds 160 Avenida La Pata San Clemente CA 92673 clemonds@traffixdevices.com	Phone: (801) 979-7099 Big Buster Dual SF Cell: Fax: (949) 573-9290 www.traffixdevices.com	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 Economy Plastic FB Cell: Fax: (949) 573-9290 www.traffixdevices.com	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 Little Buster Dual SF Cell: Fax: (949) 573-9290 www.traffixdevices.com	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

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	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. Jessica Ybarra 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. Jessica Ybarra 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
Highway Technologies David Johnson 4535 Copper Sage Street Las Vegas NV 89115 david.johnson@hwy-tech.com	Phone: (702) 453-1616 Cell: Fax: (702) 438-3460 www.hwy-tech.com	Barricade Type 3 with or without lights approved 1 /10/2000
Impact Recovery Systems Megan Morris 4955 Stout Drive San Antonio TX 78219 mmorris@impactrecovery.com	Phone: (800) 736-5256 Cell: Fax: (210) 734-6448 www.impactrecovery.com	Type III Barricade approved 1 /15/2013
Myers & Sons Hi-Way Safety, Inc. Luke de Leon 13310 5th Street Chino CA 91710 ldeleon@hiwaysafety.com	Phone: (800) 228-1701 Cell: (909) 591-1781 Fax: (909) 657-0999 www.hiwaysafety.com	Type I Barricade (Wood/Steel) Type I Barricade wood/steel 8" panel only approved 12/3 /2012
Myers & Sons Hi-Way Safety, Inc. Luke de Leon 13310 5th Street Chino CA 91710 ldeleon@hiwaysafety.com	Phone: (800) 228-1701 Cell: (909) 591-1781 Fax: (909) 657-0999 www.hiwaysafety.com	Type I Roadmarker Barricade (All Plastic) approved 12/3 /2012
Myers & Sons Hi-Way Safety, Inc. Luke de Leon 13310 5th Street Chino CA 91710 ldeleon@hiwaysafety.com	Phone: (800) 228-1701 Cell: (909) 591-1781 Fax: (909) 657-0999 www.hiwaysafety.com	Type II Barricade (Wood/Steel) Type II Barricade wood/steel 8" panel only 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. Luke de Leon 13310 5th Street Chino CA 91710 ldeleon@hiwaysafety.com	Phone: (800) 228-1701 Cell: (909) 591-1781 Fax: (909) 657-0999 www.hiwaysafety.com	Type II Roadmarker Barricade (All Plastic)		approved 12/3 /2012
Myers & Sons Hi-Way Safety, Inc. Luke de Leon 13310 5th Street Chino CA 91710 ldeleon@hiwaysafety.com	Phone: (800) 228-1701 Cell: (909) 591-1781 Fax: (909) 657-0999 www.hiwaysafety.com	Type III Barricade (Wood/Steel)	Type III Barricade wood/steel 8" panel only	approved 12/3 /2012
Pexco LLC / Davidson Traffic Cntrl Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080 www.pexco.com	Barricade	Type 3B; with or without lights	approved 11/5 /2009
Pexco LLC / Davidson Traffic Cntrl 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	O-Frame Barricade	Type 3B; with or without lights	approved 11/5 /2009
Plasticade Henry Ross 7700 North Austin Avenue Skokie IL 60077 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: (847) 966-8074 www.plasticade.com	Plasticade Angle Iron Type III Barricade	Type 3	approved 12/31/2012
Plasticade Henry Ross 7700 North Austin Avenue Skokie IL 60077 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: (847) 966-8074 www.plasticade.com	Plasticade Telespar Type III Barricade	Type 3	approved 12/31/2012
Plasticade Henry Ross 7700 North Austin Avenue Skokie IL 60077 hross@plasticade.com	Phone: (800) 772-0355 Cell: (773) 294-4942 Fax: (847) 955-8074 www.plasticade.com	Sentinel		approved 2 /21/2007
PSS Benjamin Gascoigne 2444 Baldwin Road Cleveland OH 44104 benjamin.gascoigne@PSS-Innovations.com	Phone: (800) 662-6338 Cell: (216) 231-8590 Fax: (216) 231-2702 www.PSS-Innovations.com	Anchor Barricade	Type 3; with or without lights	approved 5 /5 /2010

625.03.04 BARRICADES

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
R.A. Lucas Company, Inc. Raeleen Lucas 5182 Katella Avenue Suite #104-B Los Alamitos CA 90720 lucasco@earthlink.net	Phone: (562) 799-6160 Cell: (714) 397-4428 Fax: (562) 799-6150 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	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096 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	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096 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	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096 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	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096 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	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096 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	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096 www.trafficwks.com	TD 2400 All Plastic	Type 3B; 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	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096 www.trafficwks.com	TD 2500 Works Barricade	Type 1; cannot be used in configuration that is wider than was tested	approved 10/14/2004

625.03.04 BARRICADES

<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 www.trafficwks.com	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096	TD 2550 Works Barricade Type 3; 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	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096	TD 2600 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	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096	TD 2650 Works Barricade Type 3; 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	Phone: (877) 843-9757 Cell: (323) 849-1316 Fax: (818) 841-5096	TD 3000 A Frame Barricade Type 1 and type 2 Cannot be used in configuration that is wider than was tested approved 12/3 /2002
Traffix Devices, Inc. Cary LeMonds 160 Avenida La Pata San Clemente CA 92673 clemonds@traffixdevices.com www.traffixdevices.com	Phone: (801) 979-7099 Cell: (949) 361-5663 Fax: (949) 573-9290	Economy Plastic Folding Bar Sand Fill Bag Type 3; with or without lights approved 4 /3 /2000
Trinity Highway Products, LLC Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net www.TrinityHighway.com	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559	2001M W/Temporary Signal Model # 2001 Type 3; with or without lights approved 3 /10/2004
Work Area Protection Corporation Jeffery Smith 2500 Production Drive St Charles IL 60174 workarea@workareaprotection.com www.workareaprotection.com	Phone: (800) 327-4417 Cell: (630) 330-8063 Fax: (630) 377-9270	Lane Changer B500 LC Traffic Drum Type 3; with or without lights approved 7 /12/2010

627.02.01 THERMOPLASTIC SIGN PANELS

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

630.02.01 HEADLIGHT GLARE SCREENS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Carsonite Composites Int'l Ernest Joyner III 19845 US Highway 76 Newberry SC 29108 ernest.joyner@philips.com	Phone: (800) 648-7916 Cell: (803) 940-3034 Fax: (803) 276-8940 www.carsonite.com	Modular Guidance System approved 10/1 /2008
Energy Absorption Systems, Inc. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 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

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Flint Trading Incorporated QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.com	LTL-2000 discontinuing 10/08 LTL 2000 Geometry Retroreflectometer was discontinued but still qualifies approved 6 /1 /1999
Flint Trading Incorporated QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.com	LTL-X 30 Meter Geometry approved 6 /1 /1999
Flint Trading Incorporated Ed Vodegel 115 Todd Court Thomasville NC 27360 sales@ennisflint.com	Phone: (336) 475-6600 Cell: (916) 205-7073 Fax: (336) 475-7900 www.ennisflint.com	LTL-X Mark II approved 9 /25/2017
Mirolux Products Incorporated William Kaiser 12571 S. Deer Canyon Lane Draper UT 84020-3105 sales@miroluxproducts.com	Phone: (801) 718-7089 Cell: Fax: (801) 571-3394 www.miroluxproducts.com	Mirolux Ultra 30 approved 12/26/1999
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 SE approved 9 /25/2017

632.03.05 RETROREFLECTOMETERS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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 Retroreflectometer 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 100 mm (4") round 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 100 mm (4") round 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	Ceramic 100 mm (4") round 100 mm (4") round 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>
Ennis-Flint David Villani 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (336) 475-6600 Cell: (678) 558-0166 Fax: (336) 475-7900 www.ennisflint.com	B10 approved 12/20/2017
Glowlite Incorporated Edward and John Fei 1861 West La Habra Boulevard #230 La Habra CA 90631 info_glowlite@yahoo.com	Phone: (626) 336-6086 Cell: Fax: (626) 336-6085 www.glowlitemarket.com	W: Type A/4" Y: Type AY/4" 100 mm (4") round (ceramic and plastic/PP) 100 mm (4") round (ceramic and plastic/PP) NR=Non Reflective W = White; Y = Yellow approved 3 /7 /2005
Hi-Way Safety Incorporated Luke de Leon 13310 5th Street Chino CA 91710 ldeleon@hiwaysafety.com	Phone: (909) 591-1781 Cell: (909) 591-1781 Fax: (909) 627-0999 www.hi-waysfety.com	W: ABS DOT 4" Y: ABS DOT 4" Y: ABS DOT 4" Non R 100 mm (4") round 100 mm (4") round 100 mm (4") round (non reflective) W = White; Y = Yellow; R = Reflective approved 6 /1 /1999
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 6 /1 /1999
NovaShield Industrial Incorporated Norman Yamaguchi 92 Corporate Park Suite C331 Irvine CA 92606-5106 norman@novashield.com	Phone: (714) 656-3659 Cell: Fax: (925) 215-2549 www.nvoashield.com	W: ADOT Y: ADOT W: CDOT Y: CDOT 100 mm (4") round 100 mm (4") round 100 mm (4") round 100 mm (4") round W = White; Y = Yellow approved 3 /20/2002
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 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 Traffic Control Materials 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

633.02.02 PAVEMENT MARKERS (REFLECTIVE, PERMANENT)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ennis Paint, Inc. (dba Ennis-Flint) QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.com	C80 FH Raised 100 mm (4") round approved 2 /6 /2002
Ray-O-Lite A Division of Pac-Tec Inc Patricio Montemayor 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
Ray-O-Lite A Division of Pac-Tec Inc Patricio Montemayor 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	ARC 100 mm x 100 mm (4"x4") approved 6 /1 /1999
Ray-O-Lite A Division of Pac-Tec Inc Patricio Montemayor 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	Round Shoulder ARC 100 mm x 100 mm (4"x4") approved 6 /1 /1999

633.02.03 PAVEMENT MARKERS (REFLECTIVE, RECESSED)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Ray-O-Lite A Division of Pac-Tec Inc Patricio Montemayor 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	2002 58 mm x 19 mm (2.3"x4.6") approved 6 /1 /1999
Ray-O-Lite A Division of Pac-Tec Inc Patricio Montemayor 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	2004 58 mm x 19 mm (2.3"x4.6") approved 6 /1 /1999

633.02.04 PAVEMENT MARKERS ADHESIVE

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Crafco, Inc. Angie Hoaglin 6165 W. Detroit Street Chandler AZ 85226 angie.hoaglin@crafco.com	Phone: (602) 276-0406 Cell: (602) 418-9902 Fax: (480) 961-0513 www.crafco.com	34270 Hot Applied Flexible approved 6 /16/1998

633.02.04 PAVEMENT MARKERS ADHESIVE

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Flint Trading Incorporated QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com www.ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900	Bundy 12 cm X 12 cm Pad; White color on plantmix and back color on PCCP (5" X 5") Pad approved 5 / 4 / 1998
Henry Company Randy Rozell 999 North Sepulveda Boulevard Suite 800 El Segundo CA 90245 rrozell@henry.com www.henry.com	Phone: (916) 849-9908 Cell: Fax: (858) 391-1077	Dotstick Bituminous approved 9 / 29 / 2003
Martin Asphalt Dolly Navarrete 300 Christy Place South Houston TX 77587 dnavarrete@martinmlp.com www.martinasphalt.com	Phone: (713) 941-4410 Cell: (713) 818-1005 Fax: (713) 947-4906	172542 Evergrip Bituminous approved 6 / 15 / 1998
Martin Asphalt Company Dolly Navarrete 300 Christy Place South Houston TX 77587 dolly.navarrete@martinmlp.com www.martinasphalt.com	Phone: (713) 943-5210 Cell: (713) 941-4410 Fax: (713) 947-4908	Evergrip Flexible GTR BMA approved 6 / 15 / 2016
Seal Bond Kelly Barnes 14851 Michael Lane Spring Lake MN 49456 kbarnes@seal-bond.com www.seal-bond.com	Phone: (800) 252-4144 Cell: Fax: (616) 850-0530	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 www.apexmarker.com	Phone: (562) 944-8878 Cell: (562) 805-3839 Fax: (562) 944-2298	Apex Chip Seal / Overlay Marker approved 1 / 8 / 2013
Glowlite Incorporated Edward and John Fei 1861 West La Habra Boulevard #230 La Habra CA 90631 info_glowlite@yahoo.com www.glowlitemarkers.com	Phone: (626) 336-6086 Cell: Fax: (626) 336-6085	W: Type 932 (1-way) 100 mm (4") round (ceramic and plastic/PP) Y: Type 932 (2-way) 100 mm (4") round (ceramic and plastic/PP) NR=Non Reflective; W = White; Y = Yellow approved 3 / 7 / 2005
Pexco LLC / Davidson Traffic Cntrl Craig Schulz 3110 70th Avenue East Tacoma WA 98424 craig.schulz@pexco.com www.pexco.com	Phone: (253) 284-8000 Cell: (253) 284-8005 Fax: (253) 284-8080	Halftrack Model 25 Work zone pavement markers approved 11 / 29 / 2000

633.02.05 LANE LINE MARKERS (REFLECTIVE, TEMPORARY)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Pexco LLC / Davidson Traffic Cntrl 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 TOM	Work zone pavement markers approved 11/29/2000
Pexco LLC / Davidson Traffic Cntrl 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>	
3M Traffic Control Materials 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 Brenda Robbins 100 Patch Rubber Road Roanoke Rapids NC 27870 brobbins@trafficmarking.com	Phone: (252) 536-2574 Cell: (252) 578-5091 Fax: (252) 536-4940 www.trafficmarking.com	200 Construction R	R = Removable white/yellow available approved 9 /24/2003
Brite Line Technologies Shea Durkin 10660 E. 51st Ave Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	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

635.02.01 PAVEMENT STRIPING TAPE (TEMPORARY)

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
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 2940 Mary Avenue St Louis MO 63144 greg@tape4.com	Phone: (314) 968-2569 Cell: Fax: (314) 968-0494 www.tape4.com	Aztec III R	R = Removeable white/yellow available	approved 6 /7 /2013
Trelleborg Industri AB Teun Loontjens 23181 Trelleborg Sweden teunlootjens@trelleborg.com	Phone: (464) 105-1536 Cell: (467) 081-5366 Fax: (464) 105-1122 www.trelleborg.com/roadtape	Series R 140 Series RW 140 Series RY 140	R = Removeable white/yellow available	approved 8 /24/2001

637.03.02 DUST PALLIATIVE (OPTIONAL)

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
Alon Asphalt Bakersfield Jim Ryan 1201 China Grade Loop/PO Box 5655 Bakersfield CA 93388 jim.ryan@alonusa.com	Phone: (661) 392-3630 Cell: (661) 978-9357 Fax: (661) 399-1054 www.alonasphalt.com	Topein S Emulsion	Application and dilution rates follow manufacturer's instructions	approved 2 /28/2002
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
Dallas Roadway Products, Inc. Ellyn Neal-Favors 15305 Dallas Parkway Suite 300 Addison TX 75001 dallasroadway@yahoo.com	Phone: (972) 803-6708 Cell: (702) 405-0351 Fax: (972) 596-8418 www.dallasroadway.com	Dust Control DC-22	Application and dilution rates follow manufacturer's instructions	approved 6 /19/2006
Eco-Infrastructure Solutions, LLC Greg Martinez 701 North St. Vrain Street El Paso TX 79902 greg@eco-infrastructuresolutions.com	Phone: (915) 276-0879 Cell: Fax: (915) 276-0879 www.eco-infrastructuresolutions.com	DustStop	Application and dilution rates follow manufacturer's instructions	approved 5 /6 /2010
EnviRoad, LLC Wayne Walther 2606 North Newark Street Portland OR 97217 wayne@enviroad.com	Phone: (800) 536-2650 Cell: (503) 279-2606 Fax: (503) 279-2621 www.enviroad.com	Earthbind 100	Application and dilution rates follow manufacturer's instructions; can be used ONLY for traffic and staging areas; cannot be used on vacant lands, buffer zone is required, product cannot be used within 50 yards of any body of water	approved 3 /17/2003

637.03.02 DUST PALLIATIVE (OPTIONAL)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
EnviroTech Services Incorporated Charles Sherven 3705 Lamay Lane Reno NV 89511 csherven@envirotechservices.com	Phone: (800) 369-3878 Cell: (775) 852-3878 Fax: (970) 346-3959 www.envirotechservices.com	Lignin (Ammonium Lignosulfonate) Application and dilution rates follow manufacturer's instructions; surface preparation is required according to manufacturer's instructions; soil clay content at the surface on which product is applied must be at least 5%	approved 8 /26/2003
EnviroTech Services Incorporated Charles Sherven 3705 Lamay Lane Reno NV 89511 csherven@envirotechservices.com	Phone: (775) 852-3878 Cell: (775) 852-3878 Fax: (970) 346-3959 www.envirotechservices.com	RoadSaver	approved 5 /7 /2015
Fluid Tech Incorporated Scott Rowsell 2865 South Jones Boulevard Suite 200 Las Vegas NV 89146 srowsell@fluid-tech-inc.com	Phone: (702) 871-1884 Cell: (702) 871-7976 Fax: (702) 871-3629 www.fluid-tech-inc.com	Trans Seal I Application and dilution rates follow manufacturer's instructions	approved 1 /3 /2002
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 Hottle 6596 New Peachtree Road Doraville GA 30340 hercenv@herculesenvironmental.com	Phone: (770) 303-0878 Cell: Fax: (770) 455-6531 www.HerculesEnvironmental.com	Hercules Pam 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
Innovative Turf Solutions Melissa Schrad 3318 Glenmont Lane Cincinnati OH 45248 mrs@innovativeturfsolutions.com	Phone: (513) 317-8311 Cell: 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 Andy Iturriria 2183 Pennsylvania Avenue Apalachin NY 13732 aiturriria@lscenv.com	Phone: (800) 800-7671 Cell: (661) 617-7335 Fax: (661) 587-6806 www.lscenv.com	Earth Bound	approved 2 /16/2011
LSC Environmental Products, LLC Andy Iturriria 2183 Pennsylvania Avenue Apalachin NY 13732 aiturriria@lscenv.com	Phone: (800) 800-7671 Cell: (661) 617-7335 Fax: (661) 587-6806 www.lscenv.com	EarthGuard Application and dilution rates follow manufacturer's instructions	approved 11/2 /2001

637.03.02 DUST PALLIATIVE (OPTIONAL)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
LSC Environmental Products, LLC Andy Iturriria 2183 Pennsylvania Avenue Apalachin NY 13732 aiturriria@lscenv.com www.lscenv.com	EarthGuard Fiber Matrix Phone: (800) 800-7671 Cell: (661) 617-7335 Fax: (661) 587-6806	Application and dilution rates follow manufacturer's instructions approved 11/2 /2001
Midwest Industrial Supply, Inc. Kimberly Keith 1101 3rd Street SE Canton OH 44701 kim@midwestind.com/custserv@midwestind www.midwestind.com	EnviroKleen Phone: (330) 456-3121 Cell: Fax: (330) 456-3247	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 www.midwestind.com	Soil Sement Phone: (330) 456-3121 Cell: Fax: (330) 456-3247	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 www.nuequipment.com	Plas-Bond Phone: (702) 649-8767 Cell: (702) 325-2323 Fax: (702) 649-8446	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 www.nuequipment.com	Soiltac Phone: (702) 649-8767 Cell: (702) 325-2323 Fax: (702) 649-8446	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 Prarie TX 75054 emily.montgomery@pennzsuppress.com www.pennzsuppress.com	PennzSuppress D Dust Suppressant Phone: (469) 853-6168 Cell: Fax: (817) 652-2215	Application and dilution rates follow manufacturer's instructions; application rate: 0.9 m2/L (36 sq ft / gal) (apply twice); 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 shane@soil-tech.com www.soil-tech.com	Plas-Tex Phone: (702) 873-2023 Cell: (702) 210-2020 Fax: (702) 873-0915	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 www.soil-tech.com	Poly-Tex Phone: (702) 873-2023 Cell: (702) 210-2020 Fax: (702) 873-0915	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>	
Soilworks, LLC Chad Falkenberg 7580 N. Dobson Road, Suite 320 Scottsdale AZ 85256 info@soilworks.com	Phone: (800) 545-5420 Cell: (480) 545-5454 Fax: (480) 545-5456 www.soilworks.com	Soiltac	Application and dilution rates follow manufacturer's instructions approved 9 /20/2004
US Gypsum Company Kym Heitke 550 West Adams Street Chicago IL 60661-3076 kheitke@usg.com	Phone: (916) 966-0639 Cell: (916) 417-5048 Fax: (916) 966-0634 www.usg-erosioncontrol.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>	
Energy Absorption Systems, Inc. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	Quad Guard Standard	TL-3 Compliant approved 6 /30/2008
Energy Absorption Systems, Inc. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	Quad Guard Wide (69/90)	TL-3 Compliant approved 6 /15/1998
Energy Absorption Systems, Inc. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	QuadGuard Elite 8 Bay	TL-3 Compliant approved 6 /30/2008
Energy Absorption Systems, Inc. Don Gripne 2525 North Stemmons Freeway Dallas TX 75207 Don.Gripne@trin.net	Phone: (360) 943-9559 Cell: (360) 561-3966 Fax: (360) 943-9559 www.TrinityHighway.com	React 350 (60/96/120)	TL-3 Compliant approved 6 /15/1998
Lindsay Transportation Solutions / Barrier Systems Vance Ezell 3049 Golden State Frontage Rd Fresno CA 93725 vezell@stssi.com	Phone: (559) 999-5015 Cell: Fax: www.barriersystemsinc.com	Universal Tau II	TL-3 Compliant approved 8 /22/2011

641.02.01 IMPACT ATTENUATORS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Lindsay Transportation Solutions / Barrier Systems Phone: (559) 999-5015 Vance Ezell 3049 Golden State Frontage Rd Fresno CA 93725 vezell@stssi.com www.barriersystemsinc.com	Universal Tau IIR	TL-3 Compliant approved 8 /22/2011
Work Area Protection Corporation Jeffery Smith 2500 Production Drive St. Charles IL 60174 workarea@workareaprotection.com www.workareaprotection.com	Phone: (800) 327-4417 Cell: (630) 330-8063 Fax: (630) 377-9270 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>
Hilfiker Retaining Wall Lauren Blankinship 1902 Hilfiker Lane Eureka CA 95503 lauren@hilfiker.com www.hilfiker.com	Phone: (800) 762-8962 Cell: (707) 443-5093 Fax: (707) 443-2891 Reinforced Soil Embankment Wall	 approved 9 /8 /1998
Reinforced Earth Company Jacques Bloomfield 23161 Mill Creek Drive #315 Laguna Hills CA 92653 jbloomfield@reinforcedearth.com www.reinforcedearth.com	Phone: (949) 689-9023 Cell: Fax: Reinforced Earth Lrg Wall	 approved 2 /7 /2001
Reinforced Earth Company Jacques Bloomfield 23161 Mill Creek Drive #315 Laguna Hills CA 92653 jbloomfield@reinforcedearth.com www.reinforcedearth.com	Phone: (949) 689-9023 Cell: Fax: Retained Earth	 approved 2 /7 /2001
SSL, LLC Andrew Thompson 4740 Scotts Valley Drive Suite E Scotts Valley CA 95066 andrewt@mseplus.com www.mseplus.com	Phone: (831) 430-9300 Cell: (831) 331-6199 Fax: (831) 430-9340 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 www.mseplus.com	Phone: (831) 430-9300 Cell: (831) 331-6199 Fax: (831) 430-9340 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 www.mseplus.com	Phone: (831) 430-9300 Cell: (831) 331-6199 Fax: (831) 430-9340 MSE Plus	Modified panels required; W24 longitudinal wire not permitted approved 5 /6 /2002

642.02.02 CONCRETE PANEL WALL SYSTEMS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Tensar International Corporation Jong Lee 2500 Northwinds Parkway, Suite 500 Alpharetta GA 30009 jlee@tensarcorp.com	Ares Retaining Precast Wall Phone: (770) 344-2090 Cell: (951) 312-0251 Fax: (770) 968-9881 www.tensar-international.com	approved 6 /11/1998
Vist-A-Wall Systems Brian Nami 650 Justice Lane Mansfield TX 76063 brian.nami@vistawallsystems.com	Stabilized Earth Walls Phone: (817) 507-0200 Cell: (281) 923-5565 Fax: (817) 507-0197 www.vistawallsystems.com	approved 8 /28/2013

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	Redi-Rock Phone: (800) 431-9308 Cell: (775) 352-6345 Fax: (775) 359-1038 www.jensenprecast.com	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	Pyramid Phone: (949) 689-9023 Cell: Fax: www.reinforcedearth.com	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	KeySteel SQFT MSE Panel Phone: (866) 758-3427 Cell: (702) 255-6364 Fax: www.keystonewalls.com	Permitted on a project-by-project basis with approvals from NDOT bridge and NDOT geotechnical and in accordance with 640.02.03 NDOT specifications approved 5 /15/2002
Tensar International Corporation Jong Lee 2500 Northwinds Parkway, Suite 500 Alpharetta GA 30009 jlee@tensarcorp.com	MESA Phone: (770) 344-2090 Cell: (951) 312-0251 Fax: (770) 968-9881 www.tensar-international.com	Permitted only when specified in the contract documents as an acceptable product approved 1 /1 /2012

646.02.02 CRACK SEALANTS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Euclid Chemical Company Christopher Balsat 19320 Redwood Road Cleveland OH 44110 cbalsat@euclidchemical.com	Dural 50 Phone: (800) 321-7628 Cell: Fax: (216) 531-9399 www.euclidchemical.com	approved 8 /29/2009

646.02.02 CRACK SEALANTS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Kwik Bond Polymers Steve Frank 923 Teal Drive Benecia CA 94510 stevepolymerdek@sbcglobal.net www.kwikbondpolymers.com	Phone: (866) 434-1772 Cell: (858) 442-8185 Fax: (858) 571-5043 KBP 204	approved 9 /25/2017
Liquid Concrete K.C. Sullivan 16915 SE 272 Street Suite 100-143 Covington WA 98042 kcs@liquidconcrete.com www.liquidconcrete.com	Phone: (800) 201-9300 Cell: (206) 321-0702 Fax: (877) 349-1922 Ure-Kote R-60	approved 7 /11/2007
Sika Corporation Jim Bluse 415 Devon Court San Ramon CA 94583 bluse.jim@us.sika.com usa.sika.com	Phone: (925) 785-6241 Cell: Fax: Sikadur 55 SLV	approved 6 /15/2016
Unitex Chemicals / Dayton Superior Clay Christiansen 2069 NE Henefer Rd. Henefer UT 84033 claychristiansen@daytonsuperior.com www.unitex-chemicals.com	Phone: (801) 671-3658 Cell: Fax: Bridge Seal 75%	approved 8 /29/2009

646.02.05 LIQUID MEMBRANE

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Bridge Preservation, LLC Jonathan Haydu 686 South Adams Street Kansas City KS 66105 info@bridgepreservation.com www.bridgepreservation.com	Phone: (913) 912-3305 Cell: Fax: (913) 951-0601 Bridge Deck Membrane (BDM)	approved 9 /25/2017
Olin Epoxy-POLY-CARB Jeff Shrider 8440 Tower Drive Twinsburg OH 44087 jeff@poly-carb.com www.poly-carb.com	Phone: (800) 225-5649 Cell: (330) 963-4426 Fax: Poly-Carb Mark 155 (Uregrid Waterproof Membrane)	Spray applied approved 9 /25/2017

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

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com www.atlasform.com	Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488 Atlas Res-Cure	ASTM C309 Type 1D approved 9 /2 /2008

702.03.01d CURING COMPOUND (WHITE PIGMENTED, WAX BASE)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	Phone: (800) 321-7628 Cell: (216) 692-8305 Fax: (216) 531-9399 www.euclidchemical.com	Kurez Vox White PCCP ASTM C309, Type 2, Class A approved 8 /21/1997
SpecChem John Love 1511 Baltimore Ave Ste 600 Kansas City MO 64108 jlove@specchemllc.com	Phone: (816) 968-5600 Cell: (913) 713-2241 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: (913) 233-9700 Cell: 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
W.R. Meadows of N. CA Megan Haman 652 Indiana Street Benicia CA 94510 mhaman@wrmeadows.com	Phone: (800) 342-5976 Cell: (707) 745-6666 Fax: (707) 747-6206 www.wrmeadows.com	1600 White PCCP ASTM C309, Type 2, Class A approved 8 /21/2008

702.03.04 CURING COMPOUND (BRIDGE DECK)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Atlas Tech Products Ryan Quinn 680 West Lake Mead Parkway Henderson NV 89015 ryanquinn@atlasform.com	Phone: (702) 227-6800 Cell: (858) 277-2100 Fax: (702) 222-0488 www.atlasform.com	Atlas Pro-Cure AMS Bridge Decks ASTM C309, Type 2, Class B approved 9 /2 /2008
Dayton Superior Corporation Clay Christiansen 2069 NE Henefer Rd. Henefer UT 84033 claychristiansen@daytonsuperior.com	Phone: (801) 671-3658 Cell: Fax: www.daytonsuperior.com	DSSCC White PAMS Cure Bridge Decks ASTM C309, Type 2, Class B Bridge Decks ASTM C309, Type 2, Class B approved 6 /17/2008
SpecChem, LLC John Love 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 jlove@specchemllc.com	Phone: (816) 968-5600 Cell: (913) 713-2241 Fax: (816) 561-4029 www.specchemllc.com	Atlas Pro-Cure AMS approved 1 /22/2014

702.03.04 CURING COMPOUND (BRIDGE DECK)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
SpecChem, LLC Colin Buchanan 1511 Baltimore Ave., Suite 600 Kansas City MO 64108 cbuchanan@specchemllc.com	Phone: (913) 233-9700 Cell: 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
W.R. Meadows of N. CA Megan Haman 652 Indiana Street Benicia CA 94510 mhaman@wrmeadows.com	Phone: (800) 342-5976 Cell: (707) 745-6666 Fax: (707) 747-6206 www.wrmeadows.com	2245 Bridge Deck Cure Bridge Decks ASTM C309, Type 2, Class B approved 8 /21/2008
W.R. Meadows of N. CA Megan Haman 652 Indiana Street Benicia CA 94510 mhaman@wrmeadows.com	Phone: (800) 342-5976 Cell: (707) 745-6666 Fax: (707) 747-6206 www.wrmeadows.com	2250 White Bridge Decks ASTM C309, Type 2, Class B approved 8 /21/2008

702.03.05 POZZOLANS

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Boral Material Technologies, LLC Melissa Garcia 45 NE Loop 410, Suite 700 San Antonio TX 78216 melissa.garcia@boral.com	Phone: (210) 349-4069 Cell: (210) 241-1595 Fax: (210) 491-3413 www.boralflyash.com	Boral Micron 3 Fly Ash Class F Plant: Rockdale, TX approved 2 /17/2010
Boral Material Technologies, LLC Melissa Garcia 45 NE Loop 410, Suite 700 San Antonio TX 78216 melissa.garcia@boral.com	Phone: (210) 241-1595 Cell: (210) 349-4069 Fax: (210) 491-3413 www.boralflyash.com	Plant Apache Class F Fly Ash approved 6 /15/2016
Headwaters Resources Larry Bronson P.O. Box 50192 Henderson NV 89016 LBronson@headwaters.com	Phone: (702) 547-6941 Cell: (702) 498-4797 Fax: (702) 547-6941 www.flyash.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
Nevada Cement Company Scott Murphy I-80 Exit 46, PO Box 840 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

702.03.05 POZZOLANS

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>
Salt River Materials Group - Phoenix Cement Co	Phone: (480) 850-5757	Bonanza Class F Fly Ash	approved
Jeff Hearne	Cell: (602) 321-6040		9 /25/2017
8800 East Chaparral Road, Suite 155	Fax: (480) 850-2728		
Scottsdale AZ 85250-2606			
jhearne@srmaterials.com	www.srmaterials.com		
Salt River Materials Group - Phoenix Cement Co	Phone: (480) 850-5757	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
Jeff Hearne	Cell: (602) 321-6040		2 /4 /2011
8800 East Chaparral Road, Suite 155	Fax: (480) 850-2728		
Scottsdale AZ 85250-2606			
jhearne@srmaterials.com	www.srmaterials.com		
Whitemud Resources Incorporated	Phone: (403) 441-8206	Whitemud	approved
Thomas O' Neill	Cell: (403) 266-1985		2 /4 /2011
Bow Valley Square 2 205 - 5 Avenue SW	Fax: (403) 263-5035		
Stuite 3900			
Calgary, AB, T2P 2V7			
Canada			
info@whitemudresources.com	www.whitemudresources.com		

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.	Phone: (602) 276-0406	Roadsaver Silicone SL	approved
Angie Hoaglin	Cell: (602) 418-9902		6 /20/2006
6165 W. Detroit Street	Fax: (480) 961-0513		
Chandler AZ 85226			
angie.hoaglin@crafco.com	www.crafco.com		
DS Brown Company	Phone: (800) 848-1730	DSB 900 SL Silicone	SL = Self Leveling approved
Ben Jacobus	Cell: (651) 748-8114		4 /5 /2005
300 East Cherry Street	Fax: (651) 748-8115		
North Baltimore OH 45872			
bjacobus@dsbrown.com	www.dsbrown.com		
Pecora Corporation	Phone: (214) 723-6051	Pecora 300	approved
Glen Murphy	Cell: (818) 519-7658		9 /15/2001
165 Wambold Road	Fax: (215) 721-0286		
Harleysville PA 19438			
murphyg@pecora.com	www.pecora.com		
Sika Corporation	Phone: (925) 785-6241	Sikasil 728 SL	approved
Jim Bluse	Cell:		4 /10/2006
415 Devon Court	Fax:		
San Ramon CA 94583			
bluse.jim@us.sika.com	usa.sika.com		

707.03.04 JOINT SEALER (FOR WEAKENED PLANE JOINTS IN PCCP)

Vendor Name / Address	Product Name	Remarks
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 Debbie Simmons 2150 Schuetz Road Maryland Heights MO 63146 dlsimmons@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
International Paint, LLC Dan Griffin 5606 Raintree Ridge Jeffersonville IN 47130 daniel.griffin@internationalpaint.com	Phone: (800) 525-6824 Cell: (281) 684-5203 Fax: (812) 256-6733 www.international-pc.com	Use the System in Remarks Shop Coat: Interzinc 22HS Primer, Part A: QH5055H Part B: QH5056H 1st Field Coat: Interguard 475HS - Part A: EVA010 PartB: EVA046 Top Coat: Interthane® 990HS - Part A: 99010A Part B: 870HS/990HS approved 1 /10/2005
PPG Protective & Marine Coatings Tod Savage 1934 Aspen Lane El Cajon CA 92019 tod.savage@ppg.com	Phone: (619) 633-8406 Cell: (619) 633-8406 Fax: www.ppgpmc.com	Use the System in Remarks Shop Coat: Dimetcote 9 Inorganic Zinc, Part A: Base Part B: Zinc Dust 1st Field Coat: Amercoat® 385 Multi-Purpose Epoxy - PartA: Resin Part B: Cure Top Coat: Amercoat 450 H Aliphatic Polyurethane - Part A: Resin Part B: Cure approved 5 /21/2008
Sherwin Williams Company Paul Trautman 101 Prospect Avenue NW Cleveland OH 44115 paul.trautmann@sherwin.com	Phone: (216) 566-1733 Cell: (210) 861-2286 Fax: (216) 830-7721 www.sherwin-williams.com	Use the System in Remarks Shop Coat: Zinc Clad II, Part E: B69V3 Part F: B69D11 1st Field Coat: Recoatable Epoxy Primer - Part G: B67R5 Part H: B67V5 Top Coat: Sherthane® 2K Urethane - Part A: B65-150 Series Part B: B65V150 approved 12/30/1998

716.03.01a REFLECTIVE SHEETING (TYPE IV)

Vendor Name / Address	Product Name	Remarks
3M Traffic Control Materials 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)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951 www.orafolamericas.com	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)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
ORAFOL Americas, Inc. Rebecca Cavazuti 120 Darling Drive Avon CT 06001 reflective-americas@orafol.com	Phone: (800) 654-7570 Cell: Fax: (800) 895-0951 www.orafolamericas.com	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)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Company, Traffic Safety Security Division Eric Dornak P.O. Box 23139 Las Vegas NV 89105 ejdornak@mmm.com	Phone: (701) 743-0012 Cell: Fax: www.3m.com/tss	RS60/641 Roll-Up Signs Type VI approved 12/28/2016
3M Traffic Control Materials 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 Barricades ONLY and Permanent Traffic; *Roll-up Signs approved 8 /16/2000

716.03.01c REFLECTIVE SHEETING (TYPE VI)

Vendor Name / Address	Product Name	Remarks
3M Traffic Control Materials 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 Traffic Control Materials 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
3M Traffic Control Materials 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 IX for permanent traffic signs; FL=Florescent, DG=Diamond Grade approved 8 /16/2000
3M Traffic Control Materials 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 IX for permanent traffic signs; FL=Florescent, DG=Diamond Grade approved 8 /16/2000

716.03.01d REFLECTIVE SHEETING (TYPE IX)

Vendor Name / Address	Product Name	Remarks
3M Traffic Control Materials 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 IX for permanent traffic signs; FL=Flourescent, DG=Diamond Grade approved 8 /16/2000
3M Traffic Control Materials 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 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 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 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 Flourescent Orange Work Zone Rigid Type IX approved 2 /5 /2013

716.03.01e REFLECTIVE SHEETING TYPE XI)

Vendor Name / Address	Product Name	Remarks
3M Traffic Control Materials 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

716.03.01e REFLECTIVE SHEETING TYPE XI)

Vendor Name / Address	Product Name	Remarks	
3M Traffic Control Materials 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
3M Traffic Control Materials 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	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	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	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
Dow AgroSciences, LLC Beau Miller 9330 Zionsville Road Indianapolis IN 46268 bjmiller@dow.com	Phone: (916) 525-2633 Cell: (916) 296-2811 Fax: (866) 373-4252 www.dowagro.com	Spike 80 DF Application rate: 1.8 kg/hectare 10 lbs/acre; DF is a dry formula with safer application W is a wet formula	approved 8 /2 /1993

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

American Excelsior Company **Phone:** (715) 236-5643 **Bindex BFM** Application and dilution rates follow manufacturer's instructions **approved**
 Kurt Kelsey **Cell:** (715) 234-6861 3 /28/2013
 831 Pioneer Avenue **Fax:** (715) 236-5627
 Rice Lake WI 54868
 kkelsey@erosionlab.com www.curlex.com

Central Fiber **Phone:** (330) 452-2630 **Spraymatrix** **approved**
 Jeff Ward **Cell:** 2 /26/2015
 1525 Waynesburg Dr, SE **Fax:** (330) 452-2644
 Canton OH 44707
 sales@centralfiber.com www.centralfiber.com

Central Fiber **Phone:** (330) 452-2630 **Spraymatt** **approved**
 Jeff Ward **Cell:** 2 /25/2015
 1525 Waynesburg Dr, SE **Fax:** (330) 452-2644
 Canton OH 44707
 sales@centralfiber.com www.centralfiber.com

Fiber Marketing International, Inc. **Phone:** (206) 459-4942 **Rainier Fiber Bonded Fiber Matrix** **approved**
 Earl Dahlin **Cell:** (509) 927-4071 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 Wood Fiber Mulch** **approved**
 Earl Dahlin **Cell:** (509) 927-4071 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 NaturesOwn Mulch** Application and dilution rates follow manufacturer's instructions **approved**
 Christy Hamilton Eames **Cell:** 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 NaturesOwn X9000 Mulch** Application and dilution rates follow manufacturer's instructions **approved**
 Christy Hamilton Eames **Cell:** 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 Tac NaturesOwn Mulch** Application and dilution rates follow manufacturer's instructions **approved**
 Christy Hamilton Eames **Cell:** 4 /4 /2012
 901 Russet Street **Fax:** (208) 733-9447
 Twin Falls ID 83301
 christy@hmi-mfg.com www.hmi-mfg.com

726.03.07 MULCH

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Hydrostraw, LLC Ronald Edwards 22110 S. SR 27 Rockford WA 99030 ron@hydrostraw.com	Bonded Fiber Matrix Guar Plus Formulation	Application and dilution rates follow manufacturer's instructions	approved 8 /30/2011
Hydrostraw, LLC Ronald Edwards 22110 S. SR 27 Rockford WA 99030 ron@hydrostraw.com	Hydrostraw Original	Application and dilution rates follow manufacturer's instructions	approved 2 /3 /2009
LSC Environmental Products, LLC Andy Iturriria 2183 Pennsylvania Avenue Apalachin NY 13732 aiturriria@lscenv.com	EarthGuard	Application and dilution rates follow manufacturer's instructions	approved 11/2 /2001
LSC Environmental Products, LLC Andy Iturriria 2183 Pennsylvania Avenue Apalachin NY 13732 aiturriria@lscenv.com	EarthGuard Fiber Matrix	Application and dilution rates follow manufacturer's instructions	approved 11/2 /2001
Profile Products, LLC Sandra House 750 Lake Cook Road, Suite 440 Buffalo Grove IL 60089 shouse@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	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	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	TerraMulch Wood Fiber	Application and dilution rates follow manufacturer's instructions	approved 12/18/2008

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

Tensar/North American Green Jill Pack 5401 St. Wendel - Cyntiana Road Poseyville IN 47633 jpack@tensarcorp.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
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Tensar/North American Green Jill Pack 5401 St. Wendel - Cyntiana Road Poseyville IN 47633 jpack@tensarcorp.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
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726.03.08 TACKIFIER**Vendor Name / Address****Product Name****Remarks**

Apex Resources Incorporated Viny Gupta 5546 Shepherdsville Road Louisville KY 40228 viny@apexr.com	Phone: (502) 964-7521 Cell: Fax: (502) 964-7520 www.apexr.com	DustFloc		approved 3 /27/2017
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Chemstar (aka Golden Gate) Bob Johnson 3915 Hiawatha Avenue Minneapolis MN 55406-3203 bob.johnson@chemstar.com	Phone: (303) 986-4343 Cell: Fax: (303) 986-4747 www.chemstar.com	StarTac 100		approved 3 /27/2017
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Chemstar (aka Golden Gate) Bob Johnson 3915 Hiawatha Avenue Minneapolis MN 55406-3203 bob.johnson@chemstar.com	Phone: (303) 986-4343 Cell: Fax: (303) 986-4747 www.chemstar.com	StarTac 600		approved 3 /27/2017
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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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HydroStraw, LLC Ron Edwards 22110 S State Route 27 Rockford WA 99030 ron@hydrostraw.com	Phone: (800) 545-1755 Cell: (509) 291-6000 Fax: (815) 468-7450 www.hydrostraw.com	HydroStraw Fiber RX		approved 3 /24/2017
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Innovative Turf Solutions Melissa Schrad 3318 Glenmont Lane Cincinnati OH 45248 mrs@innovativeturfsolutions.com	Phone: (513) 317-8311 Cell: Fax: (513) 672-9633 www.innovativeturfsolutions.com	EnviroPam (powder) EnviroPam L (liquid)	Application and dilution rates follow manufacturer's instructions	approved 2 /16/2011
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726.03.17 SOIL STABILIZER

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
ENCAP, LLC Shannon Homme 3921 Algoma Road Green Bay WI 54311 accountservices@encap.net	PAM-12 PLUS Phone: (877) 405-5050 Cell: (920) 217-0281 Fax: (920) 406-9740 www.enceppro.com/index.php/products/	Application and dilution rates follow manufacturer's instructions	approved 3 /10/2008
EnviRoad, LLC Swayne Walthers 2606 North Newark Street Portland OR 97217 swayne@enviroad.com	Earthbind 100 Phone: (800) 536-2650 Cell: (503) 279-2606 Fax: (503) 279-2621 www.enviroad.com	Application and dilution rates follow manufacturer's instructions; can be used ONLY for traffic and staging areas; cannot be used on vacant lands, buffer zone is required, product cannot be used within 50 yards of any body of water	approved 3 /17/2003
Evonik Stockhausen, LLC Lynn Royal 2401 Doyle Street Greensboro NC 27406 lynn.4oyql@evonik.com	HydroPam Phone: (336) 335-3781 Cell: Fax: (251) 443-4840 www.evonik.com	Application and dilution rates follow manufacturer's instructions	approved 3 /1 /2010
Fluid Tech Incorporated Scott Rowsell 2865 South Jones Boulevard Suite 200 Las Vegas NV 89146 srowsell@fluid-tech-inc.com	Road Oyl Phone: (702) 871-1884 Cell: (702) 871-7976 Fax: (702) 871-3629 www.fluid-tech-inc.com	Application and dilution rates follow manufacturer's instructions	approved 1 /3 /2002
Fluid Tech Incorporated Scott Rowsell 2865 South Jones Boulevard Suite 200 Las Vegas NV 89146 srowsell@fluid-tech-inc.com	Soil Seal Phone: (702) 871-1884 Cell: (702) 871-7976 Fax: (702) 871-3629 www.fluid-tech-inc.com	Application and dilution rates follow manufacturer's instructions	approved 1 /3 /2002
Fluid Tech Incorporated Scott Rowsell 2865 South Jones Boulevard Suite 200 Las Vegas NV 89146 srowsell@fluid-tech-inc.com	Trans Seal I Phone: (702) 871-1884 Cell: (702) 871-7976 Fax: (702) 871-3629 www.fluid-tech-inc.com	Application and dilution rates follow manufacturer's instructions	approved 1 /3 /2002
G.M. Boston Company International, LLC Craig Hoad PO Box 121 Sunset Beach CA 90742-0121 craighoad@gmbostoncompany.com	PX 300 Phone: (562) 592-0836 Cell: (949) 533-6799 Fax: (949) 722-6799 gmbostoncompany.com	Application and dilution rates follow manufacturer's instructions	approved 6 /10/2003
Hercules Environmental, Inc Rob Hotle 6596 New Peachtree Road Doraville GA 30340 hercenv@herculesenvironmental.com	Hercules Pam Phone: (770) 303-0878 Cell: Fax: (770) 455-6531 www.HerculesEnvironmental.com	Application and dilution rates follow manufacturer's instructions	approved 5 /18/2004

726.03.17 SOIL STABILIZER**Vendor Name / Address****Product Name****Remarks**

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.com	Soiloc-MQ-Dust Suppr	Application and dilution rates follow manufacturer's instructions	approved 5 /18/2004
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.com	Soiloc-Pam	Application and dilution rates follow manufacturer's instructions	approved 5 /18/2004
Innovative Turf Solutions Melissa Schrad 3318 Glenmont Lane Cincinnati OH 45248 mrs@innovativeturfsolutions.com	Phone: (513) 317-8311 Cell: 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 Andy Iturria 2183 Pennsylvania Avenue Apalachin NY 13732 aiturria@lscenv.com	Phone: (800) 800-7671 Cell: (661) 617-7335 Fax: (661) 587-6806 www.lscenv.com	EarthGuard	Application and dilution rates follow manufacturer's instructions	approved 11/2 /2001
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	approved 1 /4 /2001

726.03.17 SOIL STABILIZER

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
NU Equipment Incorporated Daniel Frehner PO Box 750907 Las Vegas NV 89135-0907 daniel@nuequipment.com	Plas-Bond Phone: (702) 649-8767 Cell: (702) 325-2323 Fax: (702) 649-8446 www.nuequipment.com	Application and dilution rates follow manufacturer's instructions approved 11/13/2000
NU Equipment Incorporated Daniel Frehner PO Box 750907 Las Vegas NV 89135-0907 daniel@nuequipment.com	Soiltac Phone: (702) 649-8767 Cell: (702) 325-2323 Fax: (702) 649-8446 www.nuequipment.com	Application and dilution rates follow manufacturer's instructions approved 11/13/2000
Pennzsuppress Corporation Emily Montgomery PO Box 4339 Grand Prairie TX 75054 emily.montgomery@pennzsuppress.com	PennzSuppress D Dust Suppressant Phone: (469) 853-6168 Cell: Fax: (817) 652-8815 www.pennzsuppress.com	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 shane@soil-tech.com	Plas-Tex Phone: (702) 873-2023 Cell: (702) 210-2020 Fax: (702) 873-0915 www.soil-tech.com	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	Poly-Tex Phone: (702) 873-2023 Cell: (702) 210-2020 Fax: (702) 873-0915 www.soil-tech.com	Application and dilution rates follow manufacturer's instructions approved 12/10/2003
Soilworks, LLC Chad Falkenberg 7580 N Dobson Road, Suite 320 Scottsdale AZ 85256 info@soilworks.com	Soiltac Phone: (800) 545-5420 Cell: (480) 545-5454 Fax: (480) 545-5456 www.soilworks.com	Application and dilution rates follow manufacturer's instructions approved 9/20/2004
Tensar North American Green Jill Pack 5401 St. Wendel - Cynthiana Road Poseyville IN 47633 jpack@tensarcorp.com	Hydra CX2 Extreme Slope Phone: (800) 772-2040 Cell: Fax: (812) 867-0247 www.nagreen.com	Application and dilution rates follow manufacturer's instructions approved 2/27/2012
Tensar North American Green Jill Pack 5401 St. Wendel - Cynthiana Road Poseyville IN 47633 jpack@nagreen.com	HydraCM Steep Slope Matrix Phone: (800) 772-2040 Cell: (801) 977-0970 Fax: (812) 867-0247 www.nagreen.com	Application and dilution rates follow manufacturer's instructions. approved 2/27/2012

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

<i>Vendor Name / Address</i>		<i>Product Name</i>	<i>Remarks</i>	
Adhesives Technology Corporation Renee Thomas 450 East Copans Road Pompano Beach FL 33064-5509 rthomas@atcepoxy.com	Phone: (800) 892-1880 Cell: (954) 782-2221 Fax: (954) 782-2499 www.atcepoxy.com	ULTRABOND 1	Type I, II, IV and V; Grade 2; Class C & 1300 Class B&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&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 2; Class C & 1300 Class B&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 Classes B&C	approved 4 /29/2004
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, IV and V; Grade 2 Classes B&C	approved 4 /29/2004
Dayton Superior Corporation Clay Christiansen 2069 NE Henefer Rd. Henefer UT 84033 claychristiansen@daytonsuperior.com	Phone: (877) 416-3439 Cell: Fax: www.daytonsuperior.com	AquaFilm J-74	Type I, II, IV and V; Grade 3; Class A	approved 1 /14/2003
Dayton Superior Corporation Clay Christiansen 2069 NE Henefer Rd. Henefer UT 84033 claychristiansen@daytonsuperior.com	Phone: (877) 416-3439 Cell: Fax: www.daytonsuperior.com	Sure Anchor I J-51	Type I, II, IV and V; Grade 3; Class A	approved 1 /14/2003

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
E-Chem, LLC James High 3300 Princeton Dr. S 30 Albuquerque NM 87107 james@e-chem.net	EP-Gel Fast	Type I, II, IV and V; Grade 3; Class B & C	approved 8 /30/2017
Euclid Chemical Company Brian Lewis 19320 Redwood Road Cleveland OH 44110 lewisbr@euclidchemical.com	Dural 452 MV	Type I, II, IV and V; Grade 2; Class C & 1300 Class B&C	approved 11/29/2012
Hilti Incorporated Iris Peitz 5400 South 122nd East Avenue Tulsa OK 74146-6007 government@hilti.com	HIT RE 500	Type IV; Grade 3; Classes A, B&C	approved 7 /6 /2009
Hilti Incorporated Iris Peitz 5400 South 122nd East Avenue Tulsa OK 74146-6007 government@hilti.com	HTE 50	Type I, II, IV and V; Grade 2; Class C & 1300 Classes B&C	approved 7 /6 /2009
Hilti, Inc. Peter Anderson 7250 Dallas Parkway, Suite 1000 Plano TX 75024 peter.anderson@hilti.com	HIT-RE 500v3	Type I, II, IV, and V; Grade 3; Class A, B, and C	approved 9 /25/2017
ITW Commercial Construction North America Amy Kolczak 700 High Grove Blvd Glendale Heights IL 60139 akolczak@itwccna.com	Red Head Epcon C6+ Adhesive Anchoring System	Type I, II, and IV, Grade 3 and Class B and C	approved 6 /15/2016
ITW Commercial Construction North America Amy Kolczak 700 High Grove Boulevard Glendale Heights IL 60319 akolczak@itwccna.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	Planibond AE		approved 8 /3 /2011

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
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 A, 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; Classes B&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 & V; Grade 3; Classes 1; B&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 & V; Grade 1; Classes B&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 Low Mod Epoxy	Type III, Grade 2; Classes B&C approved 6 /7 /2010
Powers Fasteners Mark Ziegler 2 Powers Lane Brewster NY 10509 ziegler@powers.com	Phone: (914) 235-6300 Cell: Fax: (914) 576-6483 www.powers.com	DEWALT PE1000+	Type I, II, IV and V; Grade 2; Classes B&C approved 12/1 /2016
Powers Fasteners Robert Antoinette 2 Powers Lane Brewster NY 10509 rantoinette@powers.com	Phone: (914) 235-6300 Cell: Fax: (914) 576-6483 www.powers.com	DEWALT Pure 110+	Type I, II, IV and V; Grade 2; Classes B&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 www.powers.com	DEWALT Pure GP	Type I, II, IV and V; Grade 3; Classes B&C approved 12/1 /2016

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Powers Fasteners Robert Antoinette 2 Powers Lane Brewster NY 10509 rantoinette@powers.com	Phone: (914) 253-6300 Cell: Fax: (914) 576-6483 www.powers.com	DEWALT Pure50+	Type I, II, IV and V; Grade 3; Classes B&C approved 12/1 /2016
Powers Fasteners Mark Ziegler 2 Powers Lane Brewster NY 10509 ziegler@powers.com	Phone: (914) 235-6300 Cell: Fax: (914) 576-6483 www.powers.com	PE1000+	Type I, II, IV and V; Grade 2; Classes B&C approved 12/5 /2011
Powers Fasteners Mark Ziegler 2 Powers Lane Brewster NY 10509 ziegler@powers.com	Phone: (914) 235-6300 Cell: Fax: (914) 576-6483 www.powers.com	Power Fast Plus	Type I, II, IV and V; Grade 2; Classes B&C approved 12/5 /2011
Powers Fasteners Robert Antoinette 2 Powers Lane Brewster NY 10509 rantoinette@powers.com	Phone: (914) 235-6300 Cell: Fax: (914) 576-6483 www.powers.com	Pure 110+	Type I, II, IV and V; Grade 2; Classes B&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 www.powers.com	Pure GP	Type I, II, IV and V; Grade 3; Classes B&C approved 3 /25/2016
Powers Fasteners Robert Antoinette 2 Powers Lane Brewster NY 10509 rantoinette@powers.com	Phone: (914) 253-6300 Cell: Fax: (914) 576-6483 www.powers.com	Pure50+	Type I, II, IV and V; Grade 3; Classes B&C approved 11/22/2013
Powers Fasteners Mark Ziegler 2 Powers Lane Brewster NY 10509 ziegler@powers.com	Phone: (914) 253-6300 Cell: Fax: (914) 576-6483 www.powers.com	Standard Set	Type I, II, IV and V; Grade 2; Classes B&C approved 11/25/2008
Powers Fasteners Mark Ziegler 2 Powers Lane Brewster NY 10509 ziegler@powers.com	Phone: (914) 253-6300 Cell: Fax: (914) 576-6483 www.powers.com	T308 Plus	Type I, II, IV and V; Grade 2; Classes B&C approved 11/25/2008

728.03.02 EPOXY RESIN ADHESIVE FOR BONDING

Vendor Name / Address	Product Name	Remarks
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 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	EDOT Type I, II, IV and V; Grade 3; Class C approved 1 /15/2009
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
Titan Construction Supply, Inc. Brian Wickham 250 Edison Way Reno NV 89502 bwickham@titansupply.com	Phone: (888) 550-2201 Cell: (775) 351-2201 Fax: (775) 351-2205 www.titansupply.com	Pro-Poxy 100 Type II, III, IV and V; Grade 3; Class A, B&C approved 4 /29/2008
Unitex Chemicals / Dayton Superior Clay Christiansen 2069 NE Henefer Rd. Henefer UT 84033 claychristiansen@daytonsuperior.com	Phone: (801) 671-3658 Cell: Fax: www.unitex-chemcials.com	J-51 Sure Anchor I Type I, II, IV & V; Grade 3; Class A approved 1 /14/2003
Unitex Chemicals / Dayton Superior Clay Christiansen 2069 NE Henefer Rd. Henefer UT 84033 claychristiansen@daytonsuperior.com	Phone: (801) 671-3658 Cell: Fax: www.unitex-chemcials.com	Pro-Poxy 200 Type I, II, IV & V; Grade 2; Class B&C approved 1 /14/2003
Unitex Chemicals / Dayton Superior Clay Christiansen 2069 NE Henefer Rd. Henefer UT 84033 claychristiansen@daytonsuperior.com	Phone: (801) 671-3658 Cell: Fax: www.unitex-chemcials.com	Pro-Poxy 300 Type I, II, IV & V; Grade 2; Class B&C approved 1 /14/2003
Unitex Chemicals / Dayton Superior Clay Christiansen 2069 NE Henefer Rd. Henefer UT 84033 claychristiansen@daytonsuperior.com	Phone: (801) 671-3658 Cell: Fax: www.unitex-chemcials.com	Pro-Poxy 300 FAST Type I, II, IV & V; Grade 2; Class B&C 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 Clay Christiansen 2069 NE Henefer Rd. Henefer UT 84033 claychristiansen@daytonsuperior.com	Pro-Poxy 50 Phone: (801) 671-3658 Cell: Fax: www.unitex-chemicals.com	Type I, II, IV & V; Grade 2; Classes B&C 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 2; Class C & 1300 Class B&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 & IV; Grade 3; Classes B, C&D approved 8 /9 /2000
W.R. Meadows of N. CA Megan Haman 652 Indiana Street Benicia CA 94510 mhaman@wrmeadows.com	Rezi Weld 1000 Phone: (800) 342-5976 Cell: (707) 745-6666 Fax: (707) 747-6206 www.wrmeadows.com	Type I, II, IV and V; Grade 2; Classes B&C approved 7 /17/2002

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 approved 3 /23/2000 "Lead Free Yellow" contains organic yellow pigment.
Ennis Paint, Inc. (dba Ennis-Flint) QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	HPS-3 Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.com	White: HPS-3 Part A Yellow: HPS-3 Part A Black: HPS-3 Part A Hardener: HPS-3 Part B approved 7 /25/2002 "Lead Free Yellow" contains organic yellow pigment.
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 approved 2 /6 /2003 "Lead Free Yellow" contains organic yellow pigment.

729.03.03 PAINT MARKING MATERIAL - EPOXY

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
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 LS60 White: LS60 Part A Yellow: LS60 Part A Hardener: LS60 Part B "Lead Free Yellow" contains organic yellow pigment.	approved 2 /6 /2003
Olin Epoxy-POLY-CARB Jeff Shrider 8440 Tower Drive Twinsburg OH 44087 jeff@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 417-5535 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.	approved 5 /11/2004
Olin Epoxy-POLY-CARB Jeff Shrider 8440 Tower Drive Twinsburg OH 44087 jeff@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 417-5535 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.	approved 5 /11/2004
Olin Epoxy-POLY-CARB Jeff Shrider 8440 Tower Drive Twinsburg OH 44087 jeff@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 417-5535 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.	approved 10/24/1997

729.03.05 PAINT MARKING MATERIAL - POLYUREA

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
3M Company Thanh-Huong Do Building 235-3A-09 St Paul MN 55144 ejdornak@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.	approved 3 /25/2016
Ennis Paint, Inc. (dba Ennis-Flint) QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.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.	approved 7 /25/2002
Epoplex Cindi Westlund 1000 East Park Avenue Maple Shade NJ 08052 epoplex@epoplex.com	Phone: (800) 822-6920 Cell: (856) 667-8399 Fax: (856) 779-2963 www.epoplex.com	Epoplex LS90 White: Part A Yellow: Part A Cross Linker: Part B Reflective media applied by Double Drop w/Reflective Element Method is restricted to Clark Co w/elevation ≤ 4,000 feet. Reflective media applied by Double Drop w/Glass Spheres statewide	approved 2 /6 /2003
Olin Epoxy-POLY-CARB Jeff Shrider 8440 Tower Drive Twinsburg OH 44087 jeff@poly-carb.com	Phone: (330) 963-4426 Cell: (440) 417-5535 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.	approved 1 /10/2013

729.03.05 PAINT MARKING MATERIAL - POLYUREA

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Swarco Colorado Paint Company Ling Tan 4747 Holly Street Denver CO 80216 ling.tan@swarco.com	Phone: (303) 388-9265 Cell: 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

approved
6 / 7 / 2013

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

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
Arkema Incorporated 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
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
Dow Chemical/Rohm & Haas LLC Joanna Shurell 100 Independence Mall West Philadelphia PA 19106 dowCIG@dow.com	Phone: (800) 447-4369 Cell: (215) 592-3000 Fax: (800) 382-4008 www.dowanswercenter.com	Fastrack 3427 Type I; prev Rhoplex Fastrack 3427; Bulk #10081323; Substance #101051012
Dow Chemical/Rohm & Haas LLC Joanna Shurell 100 Independence Mall West Philadelphia PA 19106 dowCIG@dow.com	Phone: (800) 447-4369 Cell: (215) 592-3000 Fax: (800) 382-4008 www.dowanswercenter.com	Fastrack HD21A Type II; prev Rhoplex Fastrack HD21A; Bulk #10076070; Substance #101084604

approved
7 / 19 / 2002

approved
7 / 19 / 2002

approved
5 / 20 / 1999

approved
5 / 20 / 1999

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

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
American Traffic Products Incorporated Ron Linderoth 1450 N. Fitzgerald Avenue Rialto CA 92376 info@americantrafficproducts.com	Phone: (909) 356-2130 Cell: (916) 742-3869 Fax: (909) 356-2135 www.americantrafficproducts.com	170 White, 176 Yellow Fast Dry Waterborne Paint Both are Fastrack 3427
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
1 / 15 / 2013

approved
12 / 16 / 2011

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

Vendor Name / Address	Product Name	Remarks	
Ennis Paint, Inc. (dba Ennis-Flint) QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.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
Ennis Paint, Inc. (dba Ennis-Flint) QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.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
Ennis Paint, Inc. (dba Ennis-Flint) QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.com	W: Pervo Plastics 6000 Y: Pervo Plastics 6003 Fastrack 3427 Fastrack 3427 W = White; Y = Yellow	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	W: Line-Pro 5630 Y: Line-Pro 5640 Line-Pro 5630 Line-Pro 5640 W = White; Y = Yellow	approved 7 /24/2013

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

Vendor Name / Address	Product Name	Remarks	
American Traffic Products Incorporated Ron Linderoth 1450 N. Fitzgerald Avenue Rialto CA 92376 info@americantrafficproducts.com	Phone: (909) 356-2130 Cell: (916) 742-3869 Fax: (909) 356-2135 www.americantrafficproducts.com	380 White High Build Paint	approved 12/4 /2014
American Traffic Products Incorporated Ron Linderoth 1450 N. Fitzgerald Avenue Rialto CA 92376 info@americantrafficproducts.com	Phone: (909) 356-2130 Cell: (916) 742-3869 Fax: (909) 356-2135 www.americantrafficproducts.com	386 Yellow High Build Paint	approved 7 /22/2013
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 Paint, Inc. (dba Ennis-Flint) QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.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

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

Vendor Name / Address	Product Name	Remarks	
Ennis Paint, Inc. (dba Ennis-Flint) QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.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 Paint, Inc. (dba Ennis-Flint) QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.com	W: Pervo Plastics 6050 Y: Pervo Plastics 6053	Fastrack HD21A Fastrack HD21A W = White; Y = Yellow 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
Sherwin Williams Company Paul Trautman 101 Prospect Avenue NW Cleveland OH 44115 paul.trautmann@sherwin.com	Phone: (216) 566-1733 Cell: (210) 861-2286 Fax: (216) 830-7721 www.sherwin-williams.com	W: TM2398 Y: TM2399	Fastrack HD-21A Fastrack HD-21A W = White; Y = Yellow approved 7/9/2003

732.03.01 PAVEMENT MARKING TAPE (TYPE I)

Vendor Name / Address	Product Name	Remarks	
3M Traffic Control Materials 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 Brenda Robbins 100 Patch Rubber Road Roanoke Rapids NC 27870 brobbins@trafficmarking.com	Phone: (252) 536-2574 Cell: (252) 578-5091 Fax: (252) 536-4940 www.trafficmarking.com	Series 300	Type I white/yellow available approved 4/29/2008
Advance Traffic Markings Brenda Robbins 100 Patch Rubber Road Roanoke Rapids NC 27870 brobbins@trafficmarking.com	Phone: (252) 536-2574 Cell: (252) 578-5091 Fax: (252) 536-4940 www.trafficmarking.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

732.03.01 PAVEMENT MARKING TAPE (TYPE I)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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 Delta-line 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
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 Brenda Robbins 100 Patch Rubber Road Roanoke Rapids NC 27870 brobbins@trafficmarking.com	Phone: (252) 536-2574 Cell: (252) 578-5091 Fax: (252) 536-4940 www.trafficmarking.com	Series 300 Type II white/yellow available approved 4/29/2008
Advance Traffic Markings Brenda Robbins 100 Patch Rubber Road Roanoke Rapids NC 27870 brobbins@trafficmarking.com	Phone: (252) 536-2574 Cell: (252) 578-5091 Fax: (252) 536-4940 www.trafficmarking.com	Series 400 Type II 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 900 Type II white/yellow available approved 2/2/2010
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

732.03.02 PAVEMENT MARKING TAPE (TYPE II)

<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 35 Type II white/yellow available approved 2 /17/2004

732.03.03 PAVEMENT MARKING TAPE (TYPE IV)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
3M Traffic Control Materials 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
3M Traffic Control Materials 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 380 Type IV IES is a standard high performance optic WR ES is a standard high performance, wet reflective optics approved 5 /6 /2011
3M Traffic Control Materials 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 390 Type IV IES is a standard high performance optic WR ES is a standard high performance, wet reflective optics approved 5 /6 /2011
Advance Traffic Markings Brenda Robbins PO Box H Roanoke Rapids NC 27870 brobbins@trafficmarking.com	Phone: (252) 536-2574 Cell: (252) 578-5091 Fax: (252) 536-4940 www.trafficmarking.com	Series 300 Type IV white/yellow available approved 10/19/2012
Advance Traffic Markings Brenda Robbins 100 Patch Rubber Road Roanoke Rapids NC 27870 brobbins@trafficmarking.com	Phone: (252) 536-2574 Cell: (252) 578-5091 Fax: (252) 536-4940 www.trafficmarking.com	Series 400 Type IV approved 4 /29/2008
Brite Line Technologies Shea Durkin 10660 E. 51st Ave. Denver CO 80239 sdurkin@brite-line.com	Phone: (303) 375-1293 Cell: (720) 217-1747 Fax: (303) 375-8557 www.brite-line.com	Series Deltaline XRP Type IV approved 2 /2 /2010

732.03.04a PAVEMENT MARKINGS (HOT APPLIED THERMOPLASTIC)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>
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732.03.04a PAVEMENT MARKINGS (HOT APPLIED THERMOPLASTIC)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Crown Technology, LLC Jeannie Elliott 35 Industrial Park Drive Woodbury GA 30293 jeannie1@crownthermo.com	Phone: (706) 553-9500 Cell: (800) 457-6267 Fax: (866) 553-9501 www.crownthermo.com	Ecotherm Yellow Alkyd	Yellow Only approved 10/23/2013
Crown Technology, LLC Jeannie Elliott 35 Industrial Park Drive Woodbury GA 30293 jeannie1@crownthermo.com	Phone: (800) 457-6267 Cell: (706) 553-9500 Fax: (706) 553-9501 www.crownthermo.com	Tuffline Alkyd	Lead free approved 10/14/2004
Ennis Paint, Inc. (dba Ennis-Flint) QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.com	W: 885555 Alkyd Thermoplastic Y: 884685 Alkyd	Lead free W = White; Y = Yellow approved 9 /30/2009

732.03.04b PAVEMENT MARKINGS (PREFORMED THERMOPLASTIC)

<i>Vendor Name / Address</i>	<i>Product Name</i>	<i>Remarks</i>	
Flint Trading Incorporated QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.com	Hot Tape	Select 125-mil thickness. approved 5 /3 /2001
Flint Trading Incorporated QPL Administrator 115 Todd Court Thomasville NC 27360 qpladmin@ennisflint.com	Phone: (800) 331-8118 Cell: (336) 475-6600 Fax: (336) 475-7900 www.ennisflint.com	PreMark	Select 125-mil thickness. Product name shortened to PreMark. approved 5 /3 /2001
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

QPL NOTES
April 18, 2018

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/manufacturee 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.