**ARIZONA DEPARTMENT OF TRANSPORTATION**

# APPROVED PRODUCTS LIST

June 2015

Table of Contents

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2015.****
**IF YOU HAVE ANY QUESTIONS PLEASE CALL (602) 712-6430 OR EMAIL: APL@AZDOT.GOV**

****Regardless of product being listed on the APL, compliance with ADOT Specification 106.05 is still required on ADOT projects****

The Arizona Department of Transportation (ADOT) does not have the obligation to use any products listed in the Approved Products List (APL). The APL simply documents that the listed products have been tested, evaluated, or examined under ADOT standards, and have been found acceptable for use in ADOT projects. Please refer to section 106.14 of the Arizona Department of Transportation Standard Specifications for Road and Bridge Construction, 2008 edition, for a more detailed description of APL use. ADOT reserves the right to update the APL without prior notice. ADOT is not liable for any incidental or consequential damages caused by using the data listed on the APL or any revision of the APL. A current APL can be downloaded from the ADOT web page or obtained from the ADOT Research Center at 206 S. 17th Ave., Mail Drop 075R, Phoenix, Arizona 85007. The APL is maintained by the ADOT Research Center. Trade or manufacturer names which appear herein are cited only because they are considered essential to the objectives of the list. The U.S. government and the state of Arizona do not endorse products or manufacturers. Please review Federal Highway Administration memorandums and documents for product Category I, II, III, IV Certification requirements and approvals at http://safety.fhwa.dot.gov. A photocopy of National Cooperative Highway Research Program (NCHRP) Report 350, *Recommended Procedures for the Safety Performance Evaluation of Highway Features*, may be purchased from the Transportation Research Board at its publication search site: http://www.trb.org/Publications/Public/Publications.aspx


**Definitions** ..... **v**
**Category: A – Concrete Adhesives and Crack Sealers** ..... **1**
A-1 – Bonding Agent – Bonding Epoxy Mortar to Old Concrete ..... 1
A-2 – Bonding Agent – Bonding Old to New Concrete ..... 3
A-3 – Bonding Agent – Bonding Old to Old Concrete ..... 4
A-4 – Crack-Sealing Injection ..... 9
A-6 – Dowel Bonding Adhesive ..... 10
A-7 – Penetrating Crack Sealer ..... 17
**Category: C – Barriers, Fencing and Roadside Structures** ..... **18**
C-1 – Proprietary MSE Walls ..... 18
**Category: D – Bituminous Materials and Additives** (may be future subcategories, none now) ..... **19**
**Category: F – Culverts and Drainage Structures** ..... **20**
F-1 – Catch Basin, Median Dyke ..... 20
F-2 **–** Catch Basins, Median Flush ..... 20
F-6 **–** Cattle Guards Foundation ..... 21
F-8 **–** Drainage Pipe Liner – High Density Polyethylene ..... 21
F-9 **–** Non-perforated Drainage Plastic Tubing – Corrugated, Type C, High Density Polyethylene ..... 22
F-10 **–** Non-perforated Drainage Plastic Tubing – Corrugated, Type S, High Density Polyethylene ..... 23
F-11 **–** Non-perforated Drainage Plastic Pipe- Corrugated, Type C, High Density Polyethylene ..... 23
F-12 **–** Non-perforated Drainage Plastic Pipe- Corrugated, Type S, High Density Polyethylene ..... 25
F-13 **–** Perforated Drainage Plastic Tubing – Corrugated, Type C, High Density Polyethylene ..... 26
F-14 **–** Perforated Drainage Plastic Tubing – Corrugated, Type S, High Density Polyethylene ..... 27
F-15 **–** Perforated Drainage Plastic Pipe- Corrugated, Type C, High Density Polyethylene ..... 27
F-16 – Perforated Drainage Plastic Pipe- Corrugated, Type S, High Density Polyethylene ..... 28
F-17 **–** Line Drain ..... 28

# APPROVED PRODUCTS LIST
June 2015

## Table of Contents *(Continued)*


**Category: H – Joint Sealers and Fillers ... 29**
H-1 – Backer Rod – Regular ... 29
H-2 – Backer Rod – Wide Joint ... 30
H-3 – Joint Sealant – Hot Pour ... 30
H-4 – Joint Sealant – Silicone for 3/8 Inch Joints ... 30
H-5 – Joint Sealant – Silicone for 1/8 Inch Joints ... 31
**Category: I – Soil Reinforcement and Geosynthetics ... 32**
I-1 – Bank Protection Fabric ... 32
I-2 – Geocomposite Edge Drain System ... 33
I-3 – Geocomposite Wall Drain System ... 33
I-4 – Geogrid (single layer only) ... 34
I-5 – Separation Geotextile Fabric (Low Survivability) ... 36
I-6 – Separation Geotextile Fabric (Moderate Survivability) ... 38
I-7 – Separation Geotextile Fabric (High Survivability) ... 40
I-8 – Separation Geotextile Fabric (Very High Survivability) ... 42
**Category: J – Patching Materials ... 43**
J-1 – Non-shrink grout ... 43
J-2B – Portland Cement Concrete Pavement (PCCP) Patching – Accelerated Strength PCC Patch Material ... 47
J-2C – Portland Cement Concrete Pavement (PCCP) Patching – Rapid Setting Patch Material ... 48
J-2D – Portland Cement Concrete Pavement (PCCP) Patching – Epoxy Resin Grout Patch Material ... 51
J-2E – Portland Cement Concrete Pavement (PCCP) Patching – Flexible Epoxy Patching Material ... 51
J-3A – Structural Concrete Patching – High Early Strength Concrete ... 51
J-3B – Structural Concrete Patching – Normal Strength Concrete ... 51
J-3C – Structural Concrete Patching – High Strength Mortar ... 52
J-3D – Structural Concrete Patching – Rapid Hardening Concrete ... 54
J-3E – Structural Concrete Patching – Very Rapid Hardening Concrete ... 54
J-3F – Structural Concrete Patching – Rapid Hardening Mortar ... 55
J-3G – Structural Concrete Patching – Very Rapid Hardening Mortar ... 56
J-4 – Structural Repair with Shotcrete, Dry Method ... 58
**Category: K – Portland Cement Concrete Admixtures ... 59**
K-1 – Water Reducer - Type A ... 59
K-2 – Retarding - Type B ... 63
K-3 – Accelerating - Type C ... 64
K-4 – Water Reducing & Retarding - Type D ... 66
K-5 – Water Reducing & Accelerating - Type E ... 68
K-6 – Water Reducing, High Range - Type F ... 69
K-7 – Water Reducing, High Range & Retarding - Type G ... 73
K- 8 – Air Entraining Admixture ... 73
K-9 – Fiber ... 76
K-10 – Admixture Containing Calcium Chloride, Set Accelerator ... 77
K-11 – Specific Performance Admixtures, Type S ... 77
**Category: M – Paints for Concrete, Masonry, Wood, and Other Porous Surfaces 78**
M-2 – Water Base ... 78
**Category: N – Reflective Crack Controls ... 79**
N-1 – Pavement Fabric ... 79
**Category: O – Rust Passivators ... 80**
O-1 – Epoxy Powder Coatings ... 80
**Category: P – Detectable Warning Device ... 81**
P-1 – Truncated Domes ... 81
**Category: S – Structural Materials and Components ... 83**
S-1 – Splicer ... 83
**Category: T – Paints for Structural Steel and Other Metallic Surfaces ... 85**
T-1 – Alkyd (Solvent Based) ... 85
T-2 – Water Based ... 85
**Category: U – Testing and Construction Equipment ... 86**
U-1 – Capping Compounds ... 86
U-2 – Plastic Cylinder Molds ... 87
U-3 – Reusable Cylinder Mold ... 87
U-4 – Tools ... 87
**Category: V – Traffic Control Materials ... 88**
V-1 – Attenuation Device – Impact Attenuators ... 88
V-2 – Attenuation Device – Guardrail End Terminals ... 90
V-3 – Attenuation Device – Sand Barrels ... 90
V-4A – Channelizing Devices – Longitudinal Barriers–Test Level 3 ... 91
V-4B – Channelizing Devices – Longitudinal Barriers–Test Level 4 ... 92
V-4C – Channelizing Devices – Longitudinal Barriers–Median Barrier Gates ... 92
V-4D – Channelizing Devices – Longitudinal Barriers–Miscellaneous ... 93
V-6A – Channelizing Devices – Flexible Delineators – Surface Mount ... 93
V-6B – Channelizing Devices – Flexible Delineators – Driveable ... 94
V-9 – Channelizing Devices – Markers for Concrete Barrier – Hard Plastic Prismatic Reflector Types ... 94
V-9A – Channelizing Devices – Markers for Concrete Barrier and Guardrail – “L-Shape” Semi-Flexible Plastic Types ... 95
V-9B – Channelizing Devices – Markers for Concrete Barrier and Guardrail – “T-Shape” Hinged Types ... 96
V-9C – Channelizing Devices – Longitudinal Reflective Material for Concrete Barrier and Guardrail ... 96
V-10C – Channelizing Devices – Markers for Guardrail, Flexible ... 96
V-10M – Channelizing Devices – Snow Pole ... 97
V-14A – Pavement Marking – Adhesive for Raised Pavement Markers, Bituminous–Standard ... 98
V-14B – Pavement Marking – Adhesive for Raised Pavement Markers, Melt-In-Place Thermoplastic ... 98
V-14C – Pavement Marking – Adhesive for Raised Pavement Markers, Epoxy 99

# APPROVED PRODUCTS LIST
June 2015

## Table of Contents *(Continued)*


V-14D – Pavement Marking – Adhesive for Raised Pavement Markers, Bituminous–Flexible ..... 99
V-16 – Pavement Marking – Chip Seal Pavement Markers ..... 99
V-17 – Pavement Marking – High Refractive Index Composite Particles ..... 100
V-19 – Pavement Marking – Preformed Pavement Marking – Type IV (Permanent) ..... 101
V-19R – Pavement Marking – Preformed Pavement Marking – Type IV (Permanent) – Route Marking ..... 101
V-20A – Pavement Marking – Short-Line Preformed Pavement Marking – Type I (Permanent) ..... 102
V-20B – Pavement Marking – Long-Line Preformed Pavement Marking – Type I (Permanent) ..... 103
V-20P – Pavement Marking – Preformed Pavement Marking – Type I (Permanent) – Route Marking ..... 103
V-20W – Pavement Marking – Preformed Pavement Marking – Type I (Permanent) – Wet Reflective ..... 103
V-21 – Pavement Marking – Preformed Pavement Marking – Type II (Temporary, Removable) ..... 104
V-22 – Pavement Marking – Preformed Pavement Marking – Type III (Temporary, Non-Removable) ..... 104
V-23 – Pavement Marking – Retroreflective Raised Pavement Markers (RRPM) - Permanent (Abrasion Resistant) ..... 105
V-24P – Pavement Marking – Transverse Rumble Strip Materials – Permanent ..... 106
V-24T – Pavement Marking – Transverse Rumble Strip Materials – Temporary Removable ..... 106
V-25 – Pavement Marking – Dual Component Pavement Markings ..... 108
V-25P – Pavement Marking – Profile Pavement Markings ..... 109
V-25W – Pavement Marking – Dual Component Pavement Markings – Wet Reflective ..... 111
V-26 – Pavement Marking – Thermoplastic Striping & Markings ..... 111
V-26W – Pavement Marking – Thermoplastic Striping & Markings – Wet Reflective ..... 113
V-27 – Traffic Paint – Water-Borne ..... 113
V-27W – Traffic Paint – Water-Borne – Wet Reflective ..... 114
V-29 – Signal and Lighting – Cabinet Mounted Service Enclosure ..... 115
V-30 – Signal and Lighting – Cabinet – Surge Protector ..... 115
V-31Y – Signal and Lighting – Yielding Bases ..... 116
V-32A – Signal and Lighting – Electrical Conduit, PVC Pipe, Fittings, and RTRC117
V-32B – Signal and Lighting – Electrical Conduit, Galvanized Rigid Corrugated (GRC) and Fittings - Intermediate Metallic Conduit (IMC) and Fittings and RTRC ..... 117
V-32C – Signal and Lighting – Electrical Conduit, Liquid Tight Galvanized Steel Flexible Conduit PVC Coated (LTFC) and Fittings ..... 117
V-32D – Signal and Lighting – High Density Polyethylene Electrical Conduit (HDPE) and RTRC ..... 117
V-32E – Signal and Lighting – Electrical Conductors ..... 118
V-32F – Signal and Lighting – Electric Multi Conductor Cable - Loop Detector Lead-In-Cable ..... 118
V-32G – Signal and Lighting – Multi Cable Video Detection Cable ..... 118
V-32H – Signal and Lighting – Electrical Connectors ..... 118
V-32J – Signal and Lighting – In-Line Fuse Connector ..... 119
V-32K – Signal And Lighting – Connectors and Power Distribution Block ..... 119
V-34 – Signal and Lighting – Traffic Control Cabinet ..... 120
V-34A – Signal and Lighting – Traffic Signal Controller Units ..... 120
V-34B – Signal and Lighting – Load Switch & Flasher Transfer Relay ..... 121
V-34C – Signal and Lighting – Conflict Monitors ..... 121
V-34D – Signal and Lighting – Detector Power Supply & Detector Rack and Card ..... 122
V-34E – Signal and Lighting – Control Cabinet GPS Time Reference ..... 123
V-34F – Signal and Lighting – Control Cabinet NEMA “D” Connector Panel ..... 123
V-35 – Signal and Lighting – Detector Loop Sealant ..... 124
V-36 – Signal and Lighting – Electrical Conduit, PVC ..... 124
V-36A – Signal and Lighting – Primer For Electrical Conduit, PVC ..... 125
V-36B – Signal and Lighting – Grey Cement For Electrical Conduit, PVC ..... 125
V-37 – Signal and Lighting – Foundation – Anchor Bolts ..... 125
V-40 – Signal and Lighting – High Mast Lighting – Raising and Lowering Device (Top Latching) ..... 126
V-41 – Signal and Lighting – Lamps – Luminaire ..... 126
V-42 – Signal and Lighting – Lamps – Traffic Signal ..... 127
V-43 – Signal and Lighting – Load Center Cabinet ..... 127
V-44 – Signal and Lighting – Loop Detector Amplifier ..... 128
V-45 – Signal and Lighting – Loop Detector Lead-In Cable ..... 128
V-50 – Signal and Lighting – Luminaire – High Mast (Cutoff) ..... 128
V-51 – Signal and Lighting – Luminaire – Horizontal Mount (for HID lamps) ..... 129
V-51A – Signal and Lighting – Luminaire – Horizontal Mount (LED Type 15L) 129
V-51B – Signal and Lighting – Luminaire – Horizontal Mount (LED Type 25L) 130
V-51C – Signal and Lighting – Luminaire – Horizontal Mount (LED Type 40L) 131
V-52 – Signal and Lighting – Luminaire – Vertical Mount (with Shield) ..... 132
V-52A – Signal and Lighting – Luminaire – Bracket ..... 132
V-53 – Signal and Lighting – Metal Junction Box ..... 133
V-54 – Signal and Lighting – Electrical Service Pedestal ..... 133
V-54A – Signal and Lighting – Uninterruptible Power Supply ..... 134
V-55A – Signal and Lighting – ADA Compliant Pedestrian Push Button ..... 134
V-55B – Signal and Lighting – Traffic Signal Poles and Mast arms (including Pedestrian Post) ..... 135
V-55C – Signal and Lighting – Traffic Light Poles and Mast arms (Steel) ..... 136
V-55D – Signal and Lighting – Traffic Light Poles and Mast arms (Aluminum) 137

# APPROVED PRODUCTS LIST
June 2015

## Table of Contents *(Continued)*


V-56 – Signal and Lighting – Ped Signal Face ..... 137
V-57 – Signal and Lighting – Photo Electric Controls ..... 138
V-58 – Signal and Lighting – Preformed Loop Detectors ..... 138
V-58A – Signal and Lighting – Vehicle Detection System ..... 139
V-59 – Signal and Lighting – Light Duty (LD) Pull Box/Extension ..... 140
V-60 – Signal and Lighting – Heavy Duty (HD) Pull Box/Extension ..... 141
V-61 – Signal and Lighting – Roadway Loop Detector Wire ..... 142
V-63 – Signal and Lighting – Structural Supports For Traffic Signals & Highway Lighting ..... 142
V-66 – Signal and Lighting – Traffic Signal Face ..... 143
V-66A – Signal and Lighting – LED Signal Module ..... 144
V-66B – Signal and Lighting – Programmable Visibility Traffic Signals ..... 146
V-67 – Signal and Lighting – Traffic Signal Mounting Assemblies ..... 147
V-68 – Signal and Lighting – Underdeck Lighting ..... 147
V-69 – Signing – Breakaway Assembly ..... 147
V-69A – Signing – Breakaway Assembly Components ..... 148
V-72 – Signing – P1 Post (Single) ..... 149
V-73 – Signing – P2 Post (Telescoping) ..... 149
V-74 – Signing – Reflective Sheeting – Fluorescent Orange Prismatic ..... 150
V-75 – Signing – Reflective Sheeting – Prismatic (ASTM 4956 Type IX) ..... 151
V-75P – Signing – Reflective Sheeting – Type XI Prismatic ..... 152
V-77M – Signing – Reflective Sheeting – Type VI (Roll-up Grade 1) ..... 152
V-77N – Signing – Reflective Sheeting – Type VI (Roll-up Grade 2) ..... 153
V-77Q – Signing – Reflective Sheeting – Type VIII Prismatic ..... 153
V-78 – Signing – Sign Panels ..... 154
V-78M – Signing – Aluminum Flat Sign Mounting Hardware ..... 154
**Category: Y – Landscape Architectural Materials ..... 154**
Y-2 – Dust/Wind Erosion Control and Soil Stabilizers ..... 154
Y-3A – Pesticides: Pre-Emergent Herbicides ..... 155
Y-3B – Pesticides: Post-Emergent Herbicides ..... 155
Y-3C – Pesticides: Insecticides ..... 155
Y-3D – Pesticides: Fungicides ..... 155
Y-3E – Pesticides: Rodenticides ..... 155
Y-4 – Topsoil/soil Amendments ..... 156
Y-5A – Seeding: Tacking Agent ..... 156
Y-5B – Seeding: Mulch ..... 156
Y-5C – Seeding: Compost ..... 157
Y-5D – Seeding: Wood Fiber ..... 157
Y-6 – Planting: Staking Materials ..... 157
Y-7A – Landscape Aesthetics: Coatings and Paints ..... 157
Y-7B – Landscape Aesthetics: Edging Material ..... 158
Y-7C – Landscape Aesthetics: Drainage Products ..... 158
Y-8A – Landscape Irrigation: General ..... 158
Y-8B – Landscape Irrigation: Backflow Assemblies ..... 158
Y-8C – Landscape Irrigation: Booster Pumps ..... 159
Y-8D – Landscape Irrigation: Irrigation Controllers ..... 159
Y-8E – Landscape Irrigation: Radio Communications ..... 159
Y-8F – Landscape Irrigation: Flow Meter ..... 160
Y-8G – Landscape Irrigation: Conductors ..... 160
Y-8H – Landscape Irrigation: Filters ..... 160
Y-8I – Landscape Irrigation: Valves ..... 160
Y-8J – Landscape Irrigation: Pipe ..... 161
Y-8K – Landscape Irrigation: Irrigation Boxes ..... 161
Y-8L – Landscape Irrigation: Pressure Regulators ..... 162
Y-8M – Landscape Irrigation: Bubblers ..... 162
Y-8N – Landscape Irrigation: Drip Emitters ..... 162
Y-8O – Landscape Irrigation: Sprinklers ..... 163
Y-9A – Wastewater (Sewerage): General ..... 163
Y-9B – Wastewater (Sewerage): Pond Liners ..... 163
Y-9C – Wastewater (Sewerage): Pipe ..... 164
Y-9D – Wastewater (Sewerage): Valves ..... 164
Y-10A – Erosion Control: Stormwater Quality Protection & Erosion/Sediment Control: General ..... 164
Y-10B – Erosion Control: Stormwater Quality Protection & Erosion/Sediment Control: Silt Fence ..... 165
Y-10C – Erosion Control: Stormwater Quality Protection & Erosion/Sediment Control: Blankets ..... 165
Y-10D – Stormwater Quality Protection & Erosion/Sediment Control: Sediment Logs, Sediment Wattles, and Fiber Rolls ..... 167
Y-10E – Stormwater Quality Protection & Erosion/Sediment Control: Soil Binders ..... 168
Y-10F – Stormwater Quality Protection & Erosion/Sediment Control: Compost Filled Filter Rolls/Socks (Compost Filters) ..... 168
Y-10G – Stormwater Quality Protection & Erosion/Sediment Control: Flocculents ..... 168
Y-10H – Storm Water Quality Protection & Erosion/Sediment Control: Filters and Filter Material for: Gravel Bags, Storm Drain Inlets, Curb Inlets, Drop Inlets, Weep Holes, Dewatering Bags, Fabric Bags, Inlet Grates, etc. 169
Y-10I – Stormwater Quality Protection & Erosion/Sediment Control: Separate Geotextile Fabric (woven and nonwoven) ..... 169

# APPROVED PRODUCTS LIST
June 2015

## Definitions

**Definitions**

| | |
|---|---|
| AASHTO | American Association of State Highway and Transportation Officials |
| ADOT | Arizona Department of Transportation |
| ADT | Average Daily Traffic |
| APL | Approved Products List |
| ASTM | American Society for Testing and Materials |
| C&S | Contracts & Specifications |
| FHWA | Federal Highway Administration |
| MatPEC | Materials Product Evaluation Committee |
| MSDS | Material Safety Data Sheet |
| MUTCD | Manual on Uniform Traffic Control Devices |
| NCHRP | National Cooperative Highway Research Program |
| NTPEP | National Transportation Product Evaluation Program |
| PCCP | Portland Cement Concrete Pavement |
| PRIDE | Product Resource Investment Deployment and Evaluation. Effective February 1, 2011, the PRIDE program's name was changed to Product Evaluation Program |
| TCPEC | Traffic Control Product Evaluation Committee |
| TL2 | Test Level 2 as defined in NCHRP Report 350 |
| TL3 | Test Level 3 as defined in NCHRP Report 350 |
| TL4 | Test Level 4 as defined in NCHRP Report 350 |

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**Category: A – Concrete Adhesives and Crack Sealers**

| | A-1 – Bonding Agent – Bonding Epoxy Mortar to Old Concrete<br>ADOT Specifications: ASTM C881, C882<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| A-1 | 00906 | MasterEmaco® ADH 1490 (formerly Concresive 1490) | Two component, 100% solids, non-sag, epoxy adhesive used for vertical and overhead bonding, patching applications for horizontal anchoring. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| A-1 | 12157 | Dural 452 MV | | 8/13 | 8/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| A-1 | 91995 | Duralith | Medium viscosity. Bonding epoxy mortar to old concrete. Dowel epoxy bonding agent | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| A-1 | 91994 | Duralith Gel | Non-sag consistency. Bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| A-1 | 10091 | Dynapoxy EP-450 | Low viscosity, high strength bonding agent; two components, general purpose. | 9/11 | 9/16 | Pecora Corporation<br>165 Wambold Road<br>Harleysville PA 19438<br>(800) 523-6688<br>(215) 799-2518 – Fax |
| A-1 | 13056 | EP-MV | | 9/14 | 9/19 | E-Chem, LLC<br>3300 Princeton Dr. NE, Suite S-30<br>Albuquerque NM 87101<br>505-217-2121<br>www.e-chem.net |
| A-1 | 92909 | Pro-Poxy 100 (formerly Unitex Pro-Poxy 100) | Low viscosity. Bonding agent for old to new conc. & bonding old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-1 | 92906 | Pro-Poxy 200 (formerly Unitex Pro-Poxy 200) | Medium viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |

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|---|---|---|---|---|---|---|
| A-1 | 92905 | Pro-Poxy 300 (formerly Unitex Pro-Poxy 300) | Non-sag viscosity. Bonding old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-1 | 95909 | Pro Poxy 50 (formerly Pro-Poxy 50 Super LV) | Low viscosity, high strength bonding agent; two components, general purpose. | 9/11 | 9/16 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-1 | 91946 | Rezi-weld 1000 Multi-purpose Construction Epoxy | Medium viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Avenue<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |
| A-1 | 90906 | Sikadur 32 Hi-Mod LPL | Regular viscosity-slow set time. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 7/13 | 7/18 | Sika Corp.<br>201 Polito Avenue<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-1 | 99903 | Spec-Bond 50 | Low viscosity epoxy adhesive. | 5/11 | 5/16 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-1 | 09003 | Specpoxy 1000 | | 11/10 | 11/15 | Specchem LLC<br>444-B Richmond Ave<br>Kansas City KS 66101<br>(562) 489-9607<br>(562) 426-8747 – Fax |
| A-1 | 13068 | SpecPoxy 2000 | | 11/13 | 11/18 | SpecChem<br>1511 Baltimore Ave<br>Kansas City, MO 64108<br>630-253-2018<br>SpecChemllc.com |
| A-1 | 13069 | SpecPoxy 3000 | | 5/15 | 5/20 | SpecChem<br>1511 Baltimore Avenue<br>Kansas City, MO 64108<br>(630) 253-2018<br>Specchemlic.com |
| A-1 | 92970 | Sure Anchor J50 (formerly Sure-Anchor Epoxy) | Non-sag viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 4/13 | 4/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |

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|---|---|---|---|---|---|---|
| A-1 | 98912 | Pro Poxy 100 (formerly Unitex Pro-Poxy 100LV) | General-purpose epoxy for crack grouting. | 7/13 | 7/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-1 | 97922 | Unitex Pro-Poxy 200 | Medium viscosity epoxy adhesive. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-1 | 07014 | Unitex Pro-Poxy 204 | For structural bonding of concrete, fresh to hardened, old to old, and structural repair. | 10/12 | 10/17 | Unitex – a Dayton Superior Company<br>1125 Byers Road<br>Miamisburg OH 45342<br>800-745-3700<br>www.unitex-chemicals.com |

A-2 – Bonding Agent – Bonding Old to New Concrete
ADOT Specifications: ASTM C881, C882
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| A-2 | 00906 | MasterEmaco® ADH 1490 (formerly Concresive 1490) | Two component, 100% solids, non-sag, epoxy adhesive used for vertical and overhead bonding, patching applications for horizontal anchoring. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| A-2 | 83950 | MasterEmaco® ADH 327 RS (formerly Concresive Paste SPL) | High viscosity or non-sag epoxy. Dowel epoxy-bonding agent. Bonding agent for old to new concrete. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| A-2 | 12157 | Dural 452 MV | | 8/13 | 8/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| A-2 | 13056 | EP-MV | | 9/14 | 9/19 | E-Chem, LLC<br>3300 Princeton Dr. NE, Suite S-30<br>Albuquerque NM 87101<br>505-217-2121<br>www.e-chem.net |
| A-2 | 92909 | Pro-Poxy 100 (formerly Unitex Pro-Poxy 100) | Low viscosity. Bonding agent for old to new conc. & bonding old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |

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| A-2 | 91901 | Sika Armatec 110 | Water based epoxy resin/bonding agent. Long set time bonding agent for old to new concrete. | 7/13 | 7/18 | Sika Corp.<br>201 Polito Avenue<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-2 | 83929 | Sikadur 21 Lo-Mod LV | Low viscosity not to be under vehicle traffic. Bonding agent for old to new conc. Dowel epoxy bonding agent. | 7/13 | 7/18 | Sika Corp.<br>201 Polito Avenue<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-2 | 83928 | Sikadur 32 Hi-Mod | Regular viscosity. Bonding agent for old to new conc. Dowel epoxy bonding agent. | 7/13 | 7/18 | Sika Corp.<br>201 Polito Avenue<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-2 | 13068 | SpecPoxy 2000 | | 11/13 | 11/18 | SpecChem<br>1511 Baltimore Ave<br>Kansas City, MO 64108<br>630-253-2018<br>SpecChemllc.com |
| A-2 | 13069 | SpecPoxy 3000 | | 5/15 | 5/20 | SpecChem<br>1511 Baltimore Avenue<br>Kansas City, MO 64108<br>(630) 253-2018<br>Specchemlic.com |
| A-2 | 02001 | Ultrabond 1100 | Bonding agent for concrete to concrete. Dowel and anchoring epoxy as well. | 9/09 | 9/14 | Adhesives Technology Corp<br>450 E Copans Road<br>Pompano Beach FL 33064<br>(800) 892-1880<br>(954) 782-2776 – Fax<br>www.atcepoxy.com |
| A-2 | 97922 | Unitex Pro-Poxy 200 | Medium viscosity epoxy adhesive. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-2 | 07014 | Unitex Pro-Poxy 204 | For structural bonding of concrete, fresh to hardened, old to old, and structural repair. | 10/12 | 10/17 | Unitex – a Dayton Superior Company<br>1125 Byers Road<br>Miamisburg OH 45342<br>800-745-3700<br>www.unitex-chemicals.com |

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| | A-3 – Bonding Agent – Bonding Old to Old Concrete<br>ADOT Specifications: ASTM C881, C882<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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| A-3 | 00906 | MasterEmaco® ADH 1490 (formerly Concresive 1490) | Two component, 100% solids, non-sag, epoxy adhesive used for vertical and overhead bonding, and patching applications for horizontal anchoring. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| A-3 | 82948 | MasterEmaco® ADH 326 (formerly Concresive Liquid LPL) | Medium viscosity. Bonding agent for old to old conc. Dowel epoxy bonding agent. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| A-3 | 87918 | Crackbond LR 321 | Injection epoxy adhesive. Crack-sealing injection & bonding old to old conc. | 8/14 | 8/19 | Adhesives Technology Corp<br>450 E Copans Road<br>Pompano Beach FL 33064<br>(800) 892-1880<br>(954) 782-2776 – Fax<br>www.atcepoxy.com |
| A-3 | 83926 | Dural 452 LV (formerly Duralcrete LV) | Low viscosity. Bonding agent for old to old conc., crack-sealing injection. Dowel epoxy-bonding agent. | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| A-3 | 10089 | Dynapoxy EP-430 Fast | Non-sag, injectable | 9/11 | 9/16 | Pecora Corporation<br>165 Wambold Road<br>Harleysville PA 19438<br>(800) 523-6688<br>(215) 799-2518 – Fax |
| A-3 | 10091 | Dynapoxy EP-450 | Low viscosity, high strength bonding agent; two components, general purpose. | 9/11 | 9/16 | Pecora Corporation<br>165 Wambold Road<br>Harleysville PA 19438<br>(800) 523-6688<br>(215) 799-2518 – Fax |
| A-3 | 13056 | EP-MV | | 9/14 | 9/19 | E-Chem, LLC<br>3300 Princeton Dr. NE, Suite S-30<br>Albuquerque NM 87101<br>505-217-2121<br>www.e-chem.net |
| A-3 | 90914 | Polybac or Polyject 1605 | Regular viscosity. Bonding agent for old to old conc. Dowel epoxy bonding agent. | 7/13 | 7/18 | Polygem, Inc.<br>P.O. Box 609<br>West Chicago IL 60186<br>(630) 231-5600<br>(630) 231-5604<br>http://www.polygem.com/ |
| A-3 | 90913 | Polyject 1001 | Injection epoxy adhesive. Bonding agent for old to old conc. Dowel epoxy bonding agent. | 7/13 | 7/18 | Polygem, Inc.<br>P.O. Box 609<br>West Chicago IL 60186<br>(630) 231-5600<br>(630) 231-5604<br>http://www.polygem.com/ |

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| A-3 | 90916 | Polyject Epoxy Injection Cartridge | Injection epoxy adhesive. Bonding agent for old to old conc. Dowel epoxy bonding agent. | 7/13 | 7/18 | Polygem, Inc.<br>P.O. Box 609<br>West Chicago IL 60186<br>(630) 231-5600<br>(630) 231-5604<br>http://www.polygem.com/ |
| A-3 | 92909 | Pro-Poxy 100 (formerly Unitex Pro-Poxy 100) | Low viscosity. Bonding agent for old to new conc. & bonding old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-3 | 92906 | Pro-Poxy 200 (formerly Unitex Pro-Poxy 200) | Medium viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-3 | 92905 | Pro-Poxy 300 (formerly Unitex Pro-Poxy 300) | Non-sag viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-3 | 95913 | Pro-Poxy 300 Fast | Non-sag, injectable | 9/11 | 9/16 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-3 | 95909 | Pro Poxy 50 (formerly Pro-Poxy 50 Super LV) | Low viscosity, high strength boding agent; two components, general purpose. | 9/11 | 9/16 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-3 | 91945 | Prime Gel 2500 Quick Bond | Non-sag consistency. Bonding agent for old to old conc. Dowel epoxy bonding agent. | 8/11 | 8/16 | Prime Resins, Inc.<br>2381 Rockaway Industrial Boulevard<br>Conyers GA 30012<br>(800) 321-7212<br>(770) 388-0626<br>(770) 388-0936<br>http://www.primeresins.com/ |
| A-3 | 91946 | Rezi-weld 1000 Multi-purpose Construction Epoxy | Medium viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |
| A-3 | 91947 | Rezi-weld Gel Paste Construction Epoxy | Non-sag consistency. Bonding agent for old to old conc. Dowel epoxy bonding agent. | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |

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| A-3 | 86943 | Rezi-Weld LV | Low viscosity. Dowel epoxy-bonding agent. Bonding agent for old to old conc. & bonding old to new concrete. | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |
| A-3 | 95905 | Rezi-Weld IP | Low viscosity | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |
| A-3 | 85-25 | Select Bond FS-1350 | Medium viscosity. Bonding agent for old to old conc. Dowel epoxy bonding agent. | 5/08 | 5/13 | Select Products Co.<br>1131 W. Baker Street<br>Costa Mesa CA 92626<br>(714) 429-0808<br>(714) 429-1881 - Fax |
| A-3 | 83927 | Sikadur 31 Hi-Mod Gel | High viscosity or non-sag. Dowel epoxy-bonding agent. Bonding agent for old to old conc. | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-3 | 90906 | Sikadur 32 Hi-Mod LPL | Regular viscosity-slow set time. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-3 | 82912 | Sikadur 35 Hi Mod LV (a.k.a. Sikastix 350) | Bonding agent for old to old conc., crack-sealing injection. | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-3 | 88916 | Sikadur Injection Gel | Non-sag consistency. Crack-sealing injection & bonding agent for old to old conc. | 8/11 | 8/16 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-3 | 91944 | Speed Bond #1 | Non-sag consistency. Bonding agent for old to old conc. Dowel epoxy bonding agent. | 8/11 | 8/16 | Prime Resins, Inc.<br>2381 Rockaway Industrial Boulevard<br>Conyers GA 30012<br>(800) 321-7212<br>(770) 388-0626<br>(770) 388-0936<br>http://www.primeresins.com/ |

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| A-3 | 99903 | Spec-Bond 50 | Low viscosity epoxy adhesive. | 5/11 | 5/16 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-3 | 09003 | Specpoxy 1000 | | 11/10 | 11/15 | Specchem LLC<br>444-B Richmond Ave<br>Kansas City KS 66101<br>(562) 489-9607<br>(562) 426-8747 - Fax |
| A-3 | 13068 | SpecPoxy 2000 | | 11/13 | 11/18 | SpecChem<br>1511 Baltimore Ave<br>Kansas City, MO 64108<br>630-253-2018<br>SpecChemllc.com |
| A-3 | 13069 | SpecPoxy 3000 | | 5/15 | 5/20 | SpecChem<br>1511 Baltimore Avenue<br>Kansas City, MO 64108<br>(630) 253-2018<br>Specchemlic.com |
| A-3 | 92970 | Sure Anchor J50 (formerly Sure-Anchor Epoxy) | Non-sag viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 4/13 | 4/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-3 | 96939 | Sure-Anchor I (J-51) | Bonding agent – Bonding agent for old to old concrete. | 4/13 | 4/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-3 | 09086 | T308+ | Non-sag, injectable | 12/10 | 1/16 | Powers Fasteners, Inc.<br>2 Powers Lane<br>Brewster NY 10509<br>(914) 235-6300<br>(914) 235-1913 – Fax<br>http://www.powers.com |
| A-3 | 02001 | Ultrabond 1100 | Bonding agent for concrete to concrete. Dowel and anchoring epoxy as well. | 12/10 | 12/15 | Adhesives Technology Corp<br>450 E Copans Road<br>Pompano Beach FL 33064<br>(800) 892-1880<br>(954) 782-2776 – Fax<br>www.atcepoxy.com |
| A-3 | 98912 | Pro Poxy 100 (formerly Unitex Pro-Poxy 100LV) | General-purpose epoxy used for crack grouting. | 7/13 | 7/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |

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| A-3 | 97922 | Unitex Pro-Poxy 200 | Medium viscosity epoxy adhesive. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-3 | 07014 | Unitex Pro-Poxy 204 | For structural bonding of concrete, fresh to hardened, old to old, and structural repair. | 10/12 | 10/17 | Unitex – a Dayton Superior Company<br>1125 Byers Road<br>Miamisburg OH 45342<br>800-745-3700<br>www.unitex-chemicals.com |

A-4 – Crack-Sealing Injection
ADOT Specifications: ASTM C881, C882
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| A-4 | 83949 | MasterInject® 1380 (formerly Concresive 1380) | Low viscosity bonding agent; crack-sealing injection | 10/11 | 10/16 | BASF Corporation-Building Systems<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>www.buildingsystems.basf.com |
| A-4 | 87918 | Crackbond LR 321 | Injection epoxy adhesive. Crack-sealing injection & bonding agent for old to old concrete. | 8/14 | 8/19 | Adhesives Technology Corp<br>450 E Copans Road<br>Pompano Beach FL 33064<br>(800) 892-1880<br>(954) 782-2776 – Fax<br>www.atcepoxy.com |
| A-4 | 13060 | ETI-LV (low viscosity) | | 5/14 | 5/19 | Simpson Strong-Tie Company<br>5956 W. Las Positas Blvd.<br>Pleasanton, CA 94588<br>702-429-4456<br>www.strongtie.com |
| A-4 | 12175 | Rezi-Weld LV Epoxy | | 2/14 | 2/19 | W.R. Meadows, Inc.<br>4220 S Sarival Ave<br>Goodyear AZ 85338<br>(623) 932-9383<br>www.wrmeadows.com |
| A-4 | 12176 | Rezi-Weld LV State Epoxy | | 2/14 | 2/19 | W.R. Meadows, Inc.<br>4220 S Sarival Ave<br>Goodyear AZ 85338<br>(623) 932-9383<br>www.wrmeadows.com |
| A-4 | 82912 | Sikadur 35 Hi Mod LV (a.k.a. Sikastix 350) | Bonding agent for old to old conc.; crack-sealing injection. | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |

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| A-4 | 83931 | Sikadur 52 | Injection resin epoxy. Crack-sealing injection. Dowel epoxy bonding agent | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-4 | 09003 | Specpoxy 1000 | | 11/10 | 11/15 | Specchem LLC<br>444-B Richmond Ave<br>Kansas City KS 66101<br>(562) 489-9607<br>(562) 426-8747 – Fax |
| A-4 | 07014 | Unitex Pro-Poxy 204 | For structural bonding of concrete, fresh to hardened, old to old, and structural repair. | 10/12 | 10/17 | Unitex – a Dayton Superior Company<br>1125 Byers Road<br>Miamisburg OH 45342<br>800-745-3700<br>www.unitex-chemicals.com |

A-6 – Dowel Bonding Adhesive
ADOT Specifications: Arizona Test Method 725
ADOT Drawings: None
Responsible Section: Materials Group

NOTE: *Products listed in Category A-6 are not approved for use in sustained tension loading or overhead loading applications.*

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| A-6 | 13022 | AC100+ Gold | | 2/14 | 2/19 | Power Fasteners, Inc.<br>2 Powers Lane<br>Brewster NY 10509<br>(914) 235-6300<br>www.powers.com |
| A-6 | 02078 | Acrylic Tie Adhesive | | 9/11 | 9/16 | Simpson Strong-Tie Company<br>5956 W. Las Positas Blvd.<br>Pleasanton CA 94588<br>(800) 925-5099<br>http://www.strongtie.com/ |
| A-6 | 91905 | CIA Gel Epoxy | Dowel system. Dowel epoxy bonding agent | 7/13 | 7/18 | USP Structural Connectors<br>14305 Southcross Drive, Suite 200<br>Burnsville MN 55306<br>(952) 898-8772<br>(952) 898-8605 – Fax<br>http://www.USPconnectors.com/ |
| A-6 | 00906 | MasterEmaco® ADH 1490 (formerly Concresive 1490) | Two component, 100% solids, non-sag, epoxy adhesive used for vertical and overhead bonding, patching applications for horizontal anchoring. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |

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| A-6 | 82948 | MasterEmaco® ADH 326 (formerly Concresive Liquid LPL) | Medium viscosity. Bonding agent for old to old conc. Dowel epoxy bonding agent. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| A-6 | 83950 | MasterEmaco® ADH 327 RS (formerly Concresive Paste SPL) | High viscosity or non-sag epoxy. Dowel epoxy-bonding agent. Bonding agent for old to new conc. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| A-6 | 83926 | Dural 452 LV (formerly Duralcrete LV) | Low viscosity. Bonding agent for old to old conc., crack-sealing injection. Dowel epoxy-bonding agent. | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| A-6 | 11051 | Dural Fast Set Epoxy Gel | | 8/11 | 8/16 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| A-6 | 91995 | Duralith | Medium viscosity. Bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| A-6 | 91994 | Duralith Gel | Non-sag consistency. Bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| A-6 | 10089 | Dynapoxy EP-430 Fast | Non-sag, injectable | 9/11 | 9/16 | Pecora Corporation<br>165 Wambold Road<br>Harleysville PA 19438<br>(800) 523-6688<br>(215) 799-2518 – Fax |
| A-6 | 10091 | Dynapoxy EP-450 | Low viscosity, high strength bonding agent; two components, general purpose. | 9/11 | 9/16 | Pecora Corporation<br>165 Wambold Road<br>Harleysville PA 19438<br>(800) 523-6688<br>(215) 799-2518 – Fax |
| A-6 | 08077 | EDOT | | 5/15 | 5/20 | Simpson Strong-Tie<br>5956 W. Las Positas Blvd.<br>Pleasanton CA 94588<br>(925) 560-9000<br>http://www.strongtie.com/ |

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| A-6 | 98-19 | Epcon A7 Adhesive | Dowel adhesive system. | 12/13 | 12/18 | ITW Commercial Construction North America<br>700 High Grove Boulevard<br>Glendale Heights IL 60139<br>(630) 825-7900<br>www.itw-redhead.com |
| A-6 | 88-15 | Epcon C6 Adhesive (ceramic 6) | Injection anchoring system. Dowel epoxy-bonding agent. | 12/11 | 12/16 | ITW Commercial Construction North America<br>700 High Grove Boulevard<br>Glendale Heights IL 60139<br>(630) 825-7900<br>www.itw-redhead.com |
| A-6 | 95-04<br>95014 | Epcon System New Granite 5 (New G5) | Dowel system | 12/11 | 12/16 | ITW Commercial Construction North America<br>700 High Grove Boulevard<br>Glendale Heights IL 60139<br>(630) 825-7900<br>www.itw-redhead.com |
| A-6 | 98937<br>98095 | ET-HP Epoxy-Tie Adhesive [formerly Epoxy-Tie Adhesive ET] (Dowel System) | Anchoring application in concrete that does not require a load to be applied for at least 24 hours. Includes ET22 & ET56. | 9/11 | 9/16 | Simpson Strong-Tie Company<br>5956 W. Las Positas Blvd.<br>Pleasanton CA 94588<br>(800) 925-5099<br>http://www.strongtie.com/ |
| A-6 | 90957 | Euco #452 MV Epoxy System | Medium viscosity. Dowel epoxy-bonding agent. | 5/13 | 5/18 | The Euclid Chemical Co.<br>19218 Redwood Road<br>Cleveland OH 44110-2799<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| A-6 | 91993 | Flexocrete | Low viscosity. Dowel epoxy-bonding agent. | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| A-6 | 04011 | Gelbond NS Fast | | 9/11 | 9/16 | US Mix Products Company<br>112 South Santa Fe Drive<br>Denver CO 80223<br>(303) 778-7227<br>(303) 722-8426 – Fax |
| A-6 | 01087 | Hilti HIT RE 500 Injection Adhesive | | 7/13 | 7/18 | Hilti, Inc.<br>5400 South 122nd East Ave.<br>Tulsa OK 74146<br>(800) 879-8000<br>(800) 879-7000 – Fax<br>www.hilti.com |
| A-6 | 87911 | HS-200 | Dowel epoxy-bonding agent. | 8/14 | 8/19 | Adhesives Technology Corp<br>450 E Copans Road<br>Pompano Beach FL 33064<br>(800) 892-1880<br>(954) 782-2776 – Fax<br>www.atcepoxy.com |

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| A-6 | 99049 | HTE 50 High Strength Epoxy | | 9/09 | 9/14 | Hilti, Inc.<br>5400 South 122nd East Ave.<br>Tulsa OK 74146<br>(800) 879-6000<br>(800) 879-7000 – Fax<br>www.hilti.com |
| A-6 | 02076 | New G5 Epoxy Anchoring Adhesive | | 12/11 | 12/16 | ITW Commercial Construction North America<br>700 High Grove Boulevard<br>Glendale Heights IL 60139<br>(630) 825-7900<br>www.itw-redhead.com |
| A-6 | 08068 | PE1000+ | | 6/11 | 6/16 | Powers Fasteners<br>2 Powers Lane<br>Brewsters NY 10509<br>(914) 235-6300<br>www.powers.com |
| A-6 | 90914 | Polybac or Polyject 1605 | Regular viscosity. Bonding agent for old to old concrete. Dowel epoxy-bonding agent. | 7/13 | 7/18 | Polygem, Inc.<br>P.O. Box 609<br>West Chicago IL 60186<br>(630) 231-5600<br>(630) 231-5604<br>http://www.polygem.com/ |
| A-6 | 90913 | Polyject 1001 | Injection epoxy adhesive. Bonding agent for old to old concrete. Dowel epoxy-bonding agent. | 7/13 | 7/18 | Polygem, Inc.<br>P.O. Box 609<br>West Chicago IL 60186<br>(630) 231-5600<br>(630) 231-5604<br>http://www.polygem.com/ |
| A-6 | 90915 | Polyject 1257 | Regular viscosity. Dowel epoxy-bonding agent. | 7/13 | 7/18 | Polygem, Inc.<br>P.O. Box 609<br>West Chicago IL 60186<br>(630) 231-5600<br>(630) 231-5604<br>http://www.polygem.com/ |
| A-6 | 90916 | Polyject Epoxy Injection Cartridge | Injection epoxy adhesive. Bonding agent for old to old concrete. Dowel epoxy-bonding agent. | 7/13 | 7/18 | Polygem, Inc.<br>P.O. Box 609<br>West Chicago IL 60186<br>(630) 231-5600<br>(630) 231-5604<br>http://www.polygem.com/ |
| A-6 | 00904 | Powers Chem-Stud Anchoring System | A self-contained, pre-measured, spin-in style glass capsule adhesive system used for anchoring threaded rod and reinforcing bars into solid concrete and masonry. | 7/13 | 7/18 | Powers Fasteners, Inc.<br>2 Powers Lane<br>Brewster NY 10509<br>(914) 235-6300<br>(914) 235-1913 – Fax<br>http://www.powers.com |

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| A-6 | 00905 | Powers Hammer-Capsule | A self contained, pre-measured, hammer-in glass capsule adhesive system used for anchoring threaded rods and reinforcing bars into solid concrete and masonry base materials. Chisel pointed anchoring materials and spinning action are not required. | 7/13 | 7/18 | Powers Fasteners, Inc.<br>2 Powers Lane<br>Brewster NY 10509<br>(914) 235-6300<br>(914) 235-1913 – Fax<br>http://www.powers.com |
| A-6 | 92909 | Pro-Poxy 100 (formerly Unitex Pro-Poxy 100) | Low viscosity. Bonding agent for old to new concrete. & bonding old to old concrete. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-6 | 92906 | Pro-Poxy 200 (formerly Unitex Pro-Poxy 200) | Medium viscosity. Bonding agent for old to old concrete. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-6 | 92905 | Pro-Poxy 300 | Non-sag viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-6 | 95913 | Pro-Poxy 300 Fast | Non-sag, injectable | 9/11 | 9/16 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-6 | 95909 | Pro Poxy 50 (formerly Pro-Poxy 50 Super LV) | Low viscosity, high strength, two components, general purpose bonding agent. | 9/11 | 9/16 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-6 | 91945 | Prime Gel 2500 Quick Bond | Non-sag consistency. Bonding agent for old to old concrete. Dowel epoxy-bonding agent. | 8/11 | 8/16 | Prime Resins, Inc.<br>2381 Rockaway Industrial Boulevard<br>Conyers GA 30012<br>(800) 321-7212<br>(770) 388-0626<br>(770) 388-0936<br>http://www.primeresins.com/ |
| A-6 | 88922 | Rezi-Weld 1000 | Extended pot life, medium viscosity. Dowel epoxy-bonding agent. Bonding agent for old to old concrete. & bonding epoxy mortar to old concrete. | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |
| A-6 | 91946 | Rezi-weld 1000 Multi-purpose Construction Epoxy | Medium viscosity. Bonding agent for old to old concrete. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |

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| A-6 | 91947 | Rezi-weld Gel Paste Construction Epoxy | Non-sag consistency. Bonding agent for old to old concrete. Dowel epoxy-bonding agent. | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |
| A-6 | 86943 | Rezi-Weld LV | Low viscosity. Dowel epoxy-bonding agent. Bonding agent for old to old concrete. & bonding old to new concrete. | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |
| A-6 | 95905 | Rezi-Weld IP | Low viscosity | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |
| A-6 | 85-25 | Select Bond FS-1350 | Medium viscosity. Bonding agent for old to old concrete. Dowel epoxy-bonding agent. | 5/08 | 5/13 | Select Products Co.<br>1131 W. Baker Street<br>Costa Mesa CA 92626<br>(714) 429-0808<br>(714) 429-1881 – Fax |
| A-6 | 84-63 | Select Bond GP-1000 | Regular viscosity epoxy. Dowel epoxy-bonding agent. | 5/08 | 5/13 | Select Products Co.<br>1131 W. Baker Street<br>Costa Mesa CA 92626<br>(714) 429-0808<br>(714) 429-1881 – Fax |
| A-6 | 84-62 | Select Bond GP-2000 | Low viscosity epoxy. Dowel epoxy-bonding agent. | 5/08 | 5/13 | Select Products Co.<br>1131 W. Baker Street<br>Costa Mesa CA 92626<br>(714) 429-0808<br>(714) 429-1881 - Fax |
| A-6 | 03106 | Sikadur Anchor Fix – 2 | | 7/13 | 7/18 | Sika Corporation<br>2925 East Riggs Road, #8 PMB 181<br>Chandler AZ 85249<br>(480) 883-7626 |
| A-6 | 83929 | Sikadur 21 Lo-Mod LV | Low viscosity not to be under vehicle traffic. Bonding agent for old to new concrete. Dowel epoxy-bonding agent. | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-6 | 83927 | Sikadur 31 Hi-Mod Gel | High viscosity or non-sag. Dowel epoxy-bonding agent. Bonding agent for old to old concrete. | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |

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| A-6 | 83928 | Sikadur 32 Hi-Mod | Regular viscosity. Bonding agent for old to new concrete. Dowel epoxy-bonding agent. | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-6 | 90906 | Sikadur 32 Hi-Mod LPL | Regular viscosity-slow set time. Bonding agent for old to old concrete. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-6 | 83931 | Sikadur 52 | Injection resin epoxy. Crack-sealing injection. Dowel epoxy-bonding agent. | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-6 | 88916 | Sikadur Injection Gel | Non-sag consistency. Crack-sealing injection & bonding agent for old to old concrete. | 8/11 | 8/16 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-6 | 99903 | Spec-Bond 50 | Low viscosity epoxy adhesive. | 5/11 | 5/16 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-6 | 91944 | Speed Bond #1 | Non-sag consistency. Bonding agent for old to old concrete. Dowel epoxy-bonding agent. | 8/11 | 8/16 | Prime Resins, Inc.<br>2381 Rockaway Industrial Boulevard<br>Conyers GA 30012<br>(800) 321-7212<br>(770) 388-0626<br>(770) 388-0936<br>http://www.primeresins.com/ |
| A-6 | 09003 | Specpoxy 1000 | | 11/10 | 11/15 | Specchem LLC<br>444-B Richmond Ave<br>Kansas City KS 66101<br>(562) 489-9607<br>(562) 426-8747 – Fax |
| A-6 | 92970 | Sure Anchor J50 (formerly Sure-Anchor Epoxy) | Non-sag viscosity. Bonding agent for old to old concrete. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent. | 4/13 | 4/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-6 | 96939 | Sure-Anchor I (J-51) | Dowel bonding agent – epoxy. | 4/13 | 4/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |

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| A-6 | 09086 | T308+ | Non-sag, injectable. | 12/10 | 1/16 | Powers Fasteners, Inc.<br>2 Powers Lane<br>Brewster NY 10509<br>(914) 235-6300<br>(914) 235-1913 – Fax<br>http://www.powers.com |
| A-6 | 98912 | Pro Poxy 100 (formerly Unitex Pro-Poxy 100LV) | General-purpose epoxy for crack grouting. | 7/13 | 7/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-6 | 97922 | Unitex Pro-Poxy 200 | Medium viscosity epoxy adhesive. | 5/13 | 5/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| A-6 | 09107 | Ultrabond 365 | Dowel system | 12/13 | 12/18 | Adhesives Technology Corp<br>450 E Copans Road<br>Pompano Beach FL 33064<br>(800) 892-1880<br>(800) 362-3320 – Fax<br>www.atcepoxy.com |
| A-6 | 95911 | Ultrabond 1300 (Ultrabond AT; Ultrabond Accelerated Time) | Dowel system | 12/10 | 12/15 | Adhesives Technology Corp<br>450 E Copans Road<br>Pompano Beach FL 33064<br>(800) 892-1880<br>(954) 782-2776 – Fax<br>www.atcepoxy.com |
| A-6 | 02008 | Ultrabond 2300 | | 8/14 | 8/19 | Adhesives Technology Corp<br>450 E Copans Road<br>Pompano Beach FL 33064<br>(800) 892-1880<br>(954) 782-2776 – Fax<br>www.atcepoxy.com |

| | A-7 – Penetrating Crack Sealer<br>ADOT Specifications: ASTM D695, D790, C882<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| A-7 | 05024 | Atlas E-Pro Seal SLV | | 8/12 | 8/17 | Atlas Tech Products<br>1611 South 27th Avenue<br>Phoenix AZ 85009<br>(602) 256-0600<br>http://www.atlasform.com |

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| A-7 | 11156 | Dural 335 | | 12/12 | 12/17 | The Euclid Chemical Company<br>19218 Redwood Rd<br>Cleveland OH 44110<br>(216) 692-8305<br>www.euclidchemical.com |
| A-7 | 11182 | Dural 50 LM | | 12/12 | 12/17 | The Euclid Chemical Company<br>19218 Redwood Rd<br>Cleveland OH 44110<br>(216) 692-8305<br>www.euclidchemical.com |
| A-7 | 04001 | KBP 103 | | 9/10 | 9/15 | Kwik Bond Polymers, LLC<br>923 Teal Drive<br>Benicia CA 94510<br>510-852-4381<br>707-746-7981-Fax |
| A-7 | 11091 | KBP 204 P Seal | | 12/11 | 12/16 | Kwik Bond Polymers, LLC<br>923 Teal Drive<br>Benicia CA 94510<br>(866) 434-1772<br>kwikbondpolymers.com |
| A-7 | 02097 | Sikadur 55 SLV | | 9/11 | 9/16 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| A-7 | 96942 | Sika Pronto 19 T.F. | Penetrating crack sealer. | 3/15 | 3/20 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 507-7107 – Fax<br>http://www.sikausa.com |

**Category: C – Barriers, Fencing and Roadside Structures**

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| | C-1 – Proprietary MSE Walls<br>ADOT Specifications: See ADOT Specific Requirements, ADOT Materials Policy and Procedure Directives (PPD) Manual – PPD No. 24<br>ADOT Drawings: See ADOT Specific Requirements<br>Responsible Section: Materials Group<br>Note: *MSE walls listed in this category that meet(s) requirements of a specific project may be adapted and engineered for a 2-stage facing MSE wall system (in such case project specific details shall be developed).* | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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| C-1 | 09111 | Allan Block | See ADOT Specific Requirements at http://www.azdot.gov/planning/research-center/product-evaluation-program/specifications-for-mechanically-stabilized-earth-walls . | 9/14 | 12/19 | Allan Block Corporation<br>7424 West 78th Street<br>Bloomington, MN 55349<br>800-899-5309<br>http://www.allanblock.com |
| C-1 | 10035 | ARES Wall | See ADOT Specific Requirements at http://www.azdot.gov/planning/research-center/product-evaluation-program/specifications-for-mechanically-stabilized-earth-walls . | 5/11 | 5/16 | Tensar International Corporation<br>2500 Northwinds Parkway, Suite 500<br>Atlanta GA 30009<br>(888) 828-5126<br>(404) 250-0461 – Fax |
| C-1 | 10093 | KeySystem I | See ADOT Specific Requirements at http://www.azdot.gov/planning/research-center/product-evaluation-program/specifications-for-mechanically-stabilized-earth-walls . | 11/11 | 11/16 | Keystone Retaining Wall Systems<br>4444 West 78th Street<br>Minneapolis, MN 55435<br>(800) 747-8971<br>www.keystonewalls.com |
| C-1 | 09112 | MESA Block | See ADOT Specific Requirements at http://www.azdot.gov/planning/research-center/product-evaluation-program/specifications-for-mechanically-stabilized-earth-walls . | 12/09 | 12/14 | Tensar International Corporation<br>2500 Northwinds Parkway, Suite 500<br>Atlanta GA 30009<br>(888) 828-5126<br>(404) 250-0461 – Fax |
| C-1 | 98058 | MSE Plus Concrete Panel Wall | See ADOT Specific Requirements at http://www.azdot.gov/planning/research-center/product-evaluation-program/specifications-for-mechanically-stabilized-earth-walls . | 12/09 | 12/14 | SSL, LLC<br>4740 Scotts Valley Drive, Suite E<br>Scotts Valley CA 95066<br>(831) 430-9300<br>(831) 430-9340 – Fax |
| C-1 | 99112 | MSE Plus Welded Wire Wall | See ADOT Specific Requirements at http://www.azdot.gov/planning/research-center/product-evaluation-program/specifications-for-mechanically-stabilized-earth-walls . | 12/09 | 12/14 | SSL, LLC<br>4740 Scotts Valley Drive, Suite E<br>Scotts Valley CA 95066<br>(831) 430-9300<br>(831) 430-9340 – Fax |
| C-1 | 10092 | Reinforced Earth Company Concrete Panel Wall System | See ADOT Specific Requirements at http://www.azdot.gov/planning/research-center/product-evaluation-program/specifications-for-mechanically-stabilized-earth-walls . | 10/10 | 10/15 | Reinforced Earth Company (RECO)<br>4909 Murphy Canyon Road, Suite 230<br>San Diego CA 92123<br>(858) 576-2400<br>(858) 576-2499 – Fax |
| C-1 | 06102 | Sundance Redi-Rock | See ADOT Specific Requirements at http://www.azdot.gov/planning/research-center/product-evaluation-program/specifications-for-mechanically-stabilized-earth-walls . | 12/09 | 12/14 | Sundance Redi-Rock, LLC<br>677 North Apache Drive<br>Dewey AZ 86327<br>(928) 710-0793<br>(928) 759-2607 – Fax |

**Category: D – Bituminous Materials and Additives** (may be future subcategories, none now)

**Category: F – Culverts and Drainage Structures**

| | F-1 – Catch Basin, Median Dyke<br>http://www.azdot.gov/business/engineering-and-construction/roadway-engineering/roadway-design-standards-and-guidelines/precast-concrete-structures<br>ADOT Specifications: 503, 106.14<br>ADOT Drawings: C-15.90 available at:<br>http://www.azdot.gov/docs/default-source/roadway-engineering-library/2012constructionstandarddrawings.pdf<br><br>Responsible Section: Roadway Engineering | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| F-1 | 02129 | Nyloplast Storm Drainage Structures | | 12/11 | 12/16 | Nyloplast –ADS<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-7473<br>www.ads-pipe.com |
| F-1 | 09090 | Precast Concrete Catch Basin C-15.90 | Catch Basin and Grate | 6/11 | 6/16 | Jensen Precast<br>2410 W. Broadway<br>Phoenix AZ 85041<br>(602) 268-0228 |
| F-1 | 12777 | U-9900-1<br>10-08-03 | May be used per Std. Spec. 106.14.<br>updated drawings pending | 5/15 | 5/20 | Oldcastle Precast<br>411 E. Frye Rd.<br>Chandler AZ 85244<br>(480) 963-2678<br>www.oldcastleprecast.com |

| | F-2 – Catch Basins, Median Flush<br>http://www.azdot.gov/business/engineering-and-construction/roadway-engineering/roadway-design-standards-and-guidelines/precast-concrete-structures<br>ADOT Specifications: 503, 106.14<br>ADOT Drawings: C-15.80 available at:<br>http://www.azdot.gov/docs/default-source/roadway-engineering-library/2012constructionstandarddrawings.pdf<br>Responsible Section: Roadway Engineering | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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| F-2 | 02129 | Nyloplast Storm Drainage Structures | | 12/11 | 12/16 | Nyloplast –ADS<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-7473<br>www.ads-pipe.com |
| F-2 | 09089 | Precast Concrete Catch Basin C-15.80 | Includes C-15.80 PC Grate 12-16-2008. | 6/11 | 6/16 | Jensen Precast<br>2410 W. Broadway<br>Phoenix AZ 85041<br>(602) 268-0228 |
| F-2 | 12778 | U1100-1<br>10-08-03 | May be used per Std. Spec. 106.14, Updated drawings pending. | 5/15 | 5/20 | Oldcastle Precast<br>411 E. Frye Rd.<br>Chandler AZ 85244<br>(480) 963-2678<br>www.oldcastleprecast.com |

| | F-6 – Cattle Guards Foundation<br>http://www.azdot.gov/business/engineering-and-construction/roadway-engineering/roadway-design-standards-and-guidelines/precast-concrete-structures<br>ADOT Specifications: 906, 106.14<br>ADOT Drawings: C-11.10 available at: http://www.azdot.gov/docs/default-source/roadway-engineering-library/2012constructionstandarddrawings.pdf<br>Responsible Section: Roadway Engineering | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| F-6 | 12779 | G2100-2,3,4 | 4 Drawings - top and bottom grill clamps required | 5/15 | 5/20 | Oldcastle Precast<br>411 E. Frye Rd.<br>Chandler AZ 85244<br>(480) 963-2678<br>www.oldcastleprecast.com |
| F-6 | 09049 | Precast Concrete Cattle Guard<br><br>ADOT-CGF | 5 Drawings - top and bottom grill clamps required. | 6/11 | 6/16 | Jensen Precast<br>2410 W. Broadway<br>Phoenix AZ 85041<br>(602) 268-0228 |

| | F-8 – Drainage Pipe Liner – High Density Polyethylene<br>ADOT Specifications: AASHTO M252 (3-10 in. diameter); AASHTO M294 (12-60 in. diameter); ASTM D3350 Cell Classification 424420C (4-10 in. diameter) and 435400C (12-60 in. diameter)<br>ADOT Drawings: None<br>Responsible Section: Roadway Design Section | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| F-8 | 09037 | A2000 | 4” – 36” | 11/12 | 11/17 | Contech Construction Products<br>9025 Centre Pointe Dr, Suite 400<br>West Chester OH 45069<br>(513) 645-7000 |

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|---|---|---|---|---|---|---|
| F-8 | 09087 | A2 Liner | | 5/12 | 5/17 | Contech Construction Products Inc.<br>1110 Stevenson Dr.<br>Springfield IL 62703<br>(800) 955-5461<br>www.contech-cpi.com |
| F-8 | 01077 | Culvert Renew | Available at 10”, 12”, 15”, 18”, 21”, 24”, 27”, 30”, 36”, 40”, 42” and 48” I.D. | 9/11 | 9/16 | Poly Systems, Inc.<br>P.O. Box 1157<br>Steelville MO 65565<br>(800) 829-3904 |
| F-8 | 08045 | DuroMaxx | Approved for up to 60 inch diameter pipe only. | 4/15 | 4/20 | Contech Engineered Solutions<br>1224 West Stock Rd.Ogden, UT 84401(623) 935-7118<br>(623) 0935-6100 – Fax<br>www.contech-cpi.com |
| F-8 | 06018 | SNAP-TITE Culvert Liner | | 10/12 | 10/17 | ISCO Industries, LLC<br>926 Baxter Avenue<br>Louisville KY 40204<br>(502) 649-8015<br>www.culvert-rehab.com |
| F-8 | 11141 | Spirolite | 4” – 60” | 11/12 | 11/17 | Industrial Pipe Fittings<br>6020 Osborn St<br>Houston TX 77033<br>(832) 487-0825<br>www.hdpefittings.com; www.spirolite.com |
| F-8 | 10020 | Weholite | Approved for up to 60 inch diameter pipe only. | 5/12 | 5/17 | KWH Pipe<br>6507 Mississauga Road<br>Mississauga, Ontario, Canada L5N 1A6<br>(905) 858-0206<br>(905) 858-0208<br>www.kwhpipe.ca |

| | F-9 **–** Non-perforated Drainage Plastic Tubing – Corrugated, Type C, High Density Polyethylene<br>ADOT Specifications: 501-3.03(G) & 1010-8; AASHTO M252 (3-10 in. diameter); ASTM D3350 Cell Classification 424420C (4-10 in. diameter)<br>ADOT Drawings: None<br>Responsible Section: Roadway Design Section | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| F-9 | 12709 | AASHTO Grade ADS and Hancor | At 4”, 6”, 8”, or 10” I.D. Single Wall Corrugated Pipe<br>Factory Markings, for example:<br>“A/H 8” I.D. AASHTO M252”<br>ADS brand denoted by green stripe; Hancor brand denoted by blue stripe.<br><br>No water resistant or watertight joint available that meets ADOT 1010-8. | 9/11 | 9/16 | Advanced Drainage Systems, Inc.<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-4646 |

| | | | | | | |
|---|---|---|---|---|---|---|
| F-9 | 10049 | Eagle Corr PE | | 8/11 | 8/16 | JM EAGLE<br>5200 W. Century Blvd.<br>Los Angeles CA 90045<br>(310) 693-8200<br>www.jmeagle.com |
| F-9 | 10028 | Goldline | 4", 10" | 11/12 | 11/17 | Prinsco, Inc.<br>2532 S 15th Ave<br>Phoenix AZ 85007<br>(480) 220-4059<br>www.prinsco.com |

| | F-10 – Non-perforated Drainage Plastic Tubing – Corrugated, Type S, High Density Polyethylene<br>ADOT Specifications: 501-3.03(G) & 1010-8; AASHTO AASHTO M252 (3-10 in. diameter); ASTM D3350 Cell Classification 424420C (4-10 in. diameter)<br>ADOT Drawings: None<br>Responsible Section: Roadway Design Section | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| F-10 | 10049 | Eagle Corr PE | | 8/11 | 8/16 | JM EAGLE<br>5200 W. Century Blvd.<br>Los Angeles CA 90045<br>(310) 693-8200<br>www.jmeagle.com |
| F-10 | 10028 | Goldflo WT | 4", 10" | 11/12 | 11/17 | Prinsco, Inc.<br>2532 S 15th Ave<br>Phoenix AZ 85007<br>(480) 220-4059<br>www.prinsco.com |
| F-10 | 10098 | Heavy Duty Smooth Flow Pipe | | 2/14 | 2/19 | Haviland Drainage Products<br>100 W Main St.<br>Haviland OH 45851<br>419-622-4611<br>www.haviland-drainage.com |
| F-10 | 01120 | N-12<br>N-12 Pro Link<br>Hi-Q | At 4", 6", 8", or 10" I.D. Smoother Interior Pipe<br>Factory Markings, for example:<br>"A/H 8" I.D. AASHTO M252"<br>ADS brand denoted by green stripe; Hancor brand denoted by blue stripe.<br><br>Includes split couplings and soil-tight (ST) or watertight (WT) gasketed integral joints that comply with ASTM D3212. | 9/11 | 9/16 | Advanced Drainage Systems, Inc.<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-4646 |

| | F-11 – Non-perforated Drainage Plastic Pipe- Corrugated, Type C, High Density Polyethylene<br>ADOT Specifications: 501-3.03(G) & 1010-8; AASHTO M252 (3-10 in. diameter); AASHTO M294 (12-60 in. diameter); ASTM D3350 Cell Classification 424420C (4-10 in. diameter) and 435400C (12-60 in. diameter)<br>ADOT Drawings: None<br>Responsible Section: Roadway Design Section | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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|---|---|---|---|---|---|---|
| F-11 | 12707 | ADS/Single wall highway<br><br>Hancor/AASHTO pipe | 4" - 24" I.D. single wall corrugated pipe. Factory markings for example: A 8" I.D. AASHTO M252<br>ADS/Hancor brand denoted with a dual stripe, one blue and one green. Joints to be made with split or snap couplings, meeting the soil tight requirements of AASHTO M252 and M294. | 9/09 | 9/14 | Advanced Drainage Systems, Inc.<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-4646<br>www.ads-pipe.com |

| | F-12 – Non-perforated Drainage Plastic Pipe- Corrugated, Type S, High Density Polyethylene<br>ADOT Specifications: 501-3.03(G) & 1010-8; AASHTO M252 (3-10 in. diameter); AASHTO M294 (12-60 in. diameter); ASTM D3350 Cell Classification 424420C (4-10 in. diameter) and 435400C (12-60 in. diameter)<br>ADOT Drawings: None<br>Responsible Section: Roadway Design Section | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| F-12 | 98032<br>00040<br>00041<br>00042<br>00043<br>00044<br>00045<br>01010<br>01011<br>01012<br>01013<br>01014<br>01120<br>01021<br>04015<br>07075 | ADS/ N12 IBST (integral bell soil tight)<br><br>Hancor/Sure-Lok | Soil tight joints:<br>4" – 60" I.D., dual wall, smooth interior and annular exterior corrugations, joints to be bell and spigot. Factory markings for example: ADS 12" I.D. AASHTO M252 or M294.<br>ADS/Hancor brand denoted with a dual stripe, one blue and one green. Joints to be either soil or water tight. | 9/09 | 9/14 | Advanced Drainage Systems, Inc.<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-4646<br>www.ads-pipe.com |
| F-12 | 99044 | ADS/Plain end<br><br>Hancor/Hi-Q | Soil tight joints:<br>4" – 60" I.D., dual wall, smooth interior and annular exterior corrugations, joints to joined with coupling bands. Factory markings for example: ADS 12" I.D. AASHTO M252 or M294.<br>ADS/Hancor brand denoted with a dual stripe, one blue and one green. Joints to be either soil or water tight. | 9/09 | 9/14 | Advanced Drainage Systems, Inc.<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-4646<br>www.ads-pipe.com |
| F-12 | 98056 | ADS/N12 IBWT (integral bell water tight)<br><br>Hancor/BlueSeal | Water tight joints:<br>4" – 60" I.D., dual wall, smooth interior and annular exterior corrugations, joints to be bell and spigot. Factory markings for example: ADS 12" I.D. AASHTO M252 or M294.<br>ADS/Hancor brand denoted with a dual stripe, one blue and one green. Joints to be either soil or water tight. | 9/09 | 9/14 | Advanced Drainage Systems, Inc.<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-4646<br>www.ads-pipe.com |
| F-12 | 01070<br>01071<br>01072 | ADS/N12 WT 35 Series<br><br>Hancor/BlueSeal 35 Series | Water tight joints:<br>4" – 60" I.D., dual wall, smooth interior and annular exterior corrugations, joints to joined with the BlueSeals or N12 WT series 35 joint. Factory markings for example: ADS 12" I.D. AASHTO M252 or M294.<br>ADS/Hancor brand denoted with a dual stripe, one blue and one green. Joints to be either soil or water tight. | 9/09 | 9/14 | Advanced Drainage Systems, Inc.<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-4646<br>www.ads-pipe.com |

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|---|---|---|---|---|---|---|
| F-12 | 08045 | DuroMaxx | Approved for up to 60 inch diameter pipe only | 4/15 | 4/20 | Contech Engineered Solutions1224 West Stock Rd.Ogden, UT 84401<br>(623) 935-7118<br>(623) 0935-6100 – Fax<br>www.contech-cpi.com |
| F-12 | 08001 | GoldFlo WT | Sizes:<br>12”, 15”, 18”, 24”, 30”, 36”, 42”, 48”<br>Meets NTPEP certification | 5/09 | 5/14 | Prinsco Incorporated<br>111 E. Pine St.<br>Chatsworth IL<br>(815) 635-3131<br>http://www.prinsco.com/ |
| F-12 | 11052 | Goldflo WT | 60” | 11/12 | 11/17 | Prinsco, Inc.<br>2532 S 15th Ave<br>Phoenix AZ 85007<br>(480) 220-4059<br>www.prinsco.com |
| F-12 | 10049 | Eagle Corr PE | | 8/11 | 8/16 | JM EAGLE<br>5200 W. Century Blvd.<br>Los Angeles CA 90045<br>(310) 693-8200<br>www.jmeagle.com |
| F-12 | 10098 | Heavy Duty Smooth Flow Pipe | | 2/14 | 2/19 | Haviland Drainage Products<br>100 W Main St.<br>Haviland OH 45851<br>419-622-4611<br>www.haviland-drainage.com |
| F-12 | 10001 | StormTite | 12”, 15”, 18”, 24”, 30”, 36”, 42”, 48” | 11/12 | 11/17 | Pacific Corrugated Plastic Pipe, LLC<br>6402 S Miller Rd<br>Hubbard OR 97032<br>(503) 263-3330<br>www.pacifichdpe.com |

| | F-13 – Perforated Drainage Plastic Tubing – Corrugated, Type C, High Density Polyethylene<br>ADOT Specifications: 501-3.03(G) & 1010-8; AASHTO M252 (3-10 in. diameter); ASTM D3350 Cell Classification 424420C (4-10 in. diameter)<br>ADOT Drawings: None<br>Responsible Section: Roadway Design Section | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| F-13 | 12710 | AASHTO Grade | At 4”, 6”, 8”, or 10” I.D.<br>Factory Markings, for example:<br>“ADS 8” I.D. AASHTO M252”<br><br>Split Couplings available for all sizes. | 9/11 | 9/16 | Advanced Drainage Systems, Inc.<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-4646 |
| F-13 | 12712 | Heavy Duty AASHTO | At 3”, 4”, 6”, 8”, or 10” I.D.<br>Factory Markings:<br>Formerly “HANCOR,” now “ADS”<br>“Diameter (inches)”<br>“AASHTO M252”<br><br>Silt Resistance Joints for all sizes. | 1/12 | 1/17 | Advanced Drainage Systems, Inc.<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-4646 |

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|---|---|---|---|---|---|---|
| F-13 | 10049 | Eagle Corr PE | | 8/11 | 8/16 | JM EAGLE<br>5200 W. Century Blvd.<br>Los Angeles, CA 90045<br>(310) 693-8200<br>www.jmeagle.com |
| F-13 | 10028 | Goldline Perf | 4", 10" | 11/12 | 11/17 | Prinsco, Inc.<br>2532 S 15th Ave<br>Phoenix AZ 85007<br>(480) 220-4059<br>www.prinsco.com |

F-14 **–** Perforated Drainage Plastic Tubing – Corrugated, Type S, High Density Polyethylene
ADOT Specifications: 501-3.03(G) & 1010-8; AASHTO M252 (3-10 in. diameter); ASTM D3350 Cell Classification 424420C (4-10 in. diameter)
ADOT Drawings: None
Responsible Section: Roadway Design Section

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| F-14 | 10049 | Eagle Corr PE | | 8/11 | 8/16 | JM EAGLE<br>5200 W. Century Blvd.<br>Los Angeles, CA 90045<br>(310) 693-8200<br>www.jmeagle.com |
| F-14 | 10028 | Goldflo Perf | 4", 10" | 11/12 | 11/17 | Prinsco, Inc.<br>2532 S 15th Ave<br>Phoenix AZ 85007<br>(480) 220-4059<br>www.prinsco.com |
| F-14 | 12711 | N-12 | At 4", 6", 8", or 10" I.D.<br>Factory Markings, for example:<br>"ADS 8" I.D. AASHTO M252"<br><br>Split couplings available for all sizes. | 9/11 | 9/16 | Advanced Drainage Systems, Inc.<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-4646 |

F-15 **–** Perforated Drainage Plastic Pipe- Corrugated, Type C, High Density Polyethylene
ADOT Specifications: 501-3.03(G) & 1010-8; AASHTO M252 (3-10 in. diameter); AASHTO M294 (12-60 in. diameter); ASTM D3350 Cell Classification 424420C (4-10 in. diameter) and 435400C (12-60 in. diameter)
ADOT Drawings: None
Responsible Section: Roadway Design Section

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| F-15 | 12708 | ADS/N12 IBST (can use N12 IBWT)<br><br>Hancor/Sure-lok | Perforations shall meet the requirements of AASHTO M252 and M294<br>4" – 60" I.D., dual wall, smooth interior and annular exterior corrugations, joints to be bell and spigot. Factory markings for example: ADS 12" I.D. AASHTO M252 or M294.<br>ADS/Hancor brand denoted with a dual stripe, one blue and one green. Joints to be either soil or water tight. | 9/09 | 9/14 | Advanced Drainage Systems, Inc.<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-4646<br>www.ads-pipe.com |

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F-16 – Perforated Drainage Plastic Pipe- Corrugated, Type S, High Density Polyethylene
ADOT Specifications: 501-3.03(G) & 1010-8; AASHTO M252 (3-10 in. diameter); AASHTO M294 (12-60 in. diameter); ASTM D3350 Cell Classification 424420C (4-10 in. diameter) and 435400C (12-60 in. diameter)
ADOT Drawings: None
Responsible Section: Roadway Design Section

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| F-16 | 12707 | ADS/Single wall<br><br>Hancor/AASHTO pipe | Perforations shall meet the requirements of AASHTO M252 and M294<br>4" - 24" I.D. single wall corrugated pipe. Factory markings for example: A 8" I.D. AASHTO M252<br>ADS/Hancor brand denoted with a dual stripe, one blue and one green. Joints to be made with split or snap couplings, meeting the soil tight requirements of AASHTO M252 and M294. | 9/09 | 9/14 | Advanced Drainage Systems, Inc.<br>4640 Trueman Blvd.<br>Hilliard OH 43026<br>(800) 733-4646<br>www.ads-pipe.com |
| F-16 | 10049 | Eagle Corr PE | | 8/11 | 8/16 | JM EAGLE<br>5200 W. Century Blvd.<br>Los Angeles, CA 90045<br>(310) 693-8200<br>www.jmeagle.com |

F-17 – Line Drain
ADOT Specifications: Pipe Subcommittee Approval - *Includes slotted drain products other than covered by Standard Drawing C-13.60
ADOT Drawings: None
Responsible Section: Roadway Drainage Design Section

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| F-17 | 08036 | HighwayDrain | For special applications only when shown on the project plans. | 5/12 | 5/17 | ACO Polymer Products, Inc.<br>P.O. Box 12067<br>Casa Grande AZ 85230<br>(800) 543-4764 |
| F-17 | 11160 | Polycast FP800 Series Trench Drain | For special applications only when shown on the project plans. | 11/12 | 11/17 | Hubbell Lenoir City, Inc.<br>3621 Industrial Park Dr<br>Lenoir City TN 37771<br>(865) 635-2139<br>www.polycastdrain.com |
| F-17 | 11161 | Polycast FP1200 Series Trench Drain | For special applications only when shown on the project plans. | 11/12 | 11/17 | Hubbell Lenoir City, Inc.<br>3621 Industrial Park Dr<br>Lenoir City TN 37771<br>(865) 635-2139<br>www.polycastdrain.com |
| F-17 | 96050 | Poly Drain | For special applications only when shown on the project plans. | 10/11 | 10/16 | ABT<br>P.O. Box 837<br>259 Murdock Road<br>Troutman NC 28166<br>(704) 528-9806<br>(704) 528-5478-Fax |

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|---|---|---|---|---|---|---|
| F-17 | 02061 | S100K Powerdrain | For special applications only when shown on the project plans. | 5/15 | 5/20 | ACO Polymer Products, Inc.<br>P.O. Box 12067<br>Casa Grande AZ 85130<br>(888) 490-9552 |
| F-17 | 02064 | S300K Powerdrain | For special applications only when shown on the project plans. | 5/15 | 5/20 | ACO Polymer Products, Inc.<br>P.O. Box 12067<br>Casa Grande AZ 85130<br>(888) 490-9552 |
| F-17 | 08035 | TraffikDrain | For special applications only when shown on the project plans. | 5/12 | 5/17 | ACO Polymer Products, Inc.<br>P.O. Box 12067<br>Casa Grande AZ 85230<br>(800) 543-4764 |
| F-17 | 12014 | Trench Former MHD 8 | For special applications only when shown on the project plans. | 5/12 | 5/17 | ABT, Inc.<br>259 Murdock Road<br>Troutman, NC 28166<br>(704) 528-9806<br>www.abtdrains.com |
| F-17 | 12015 | Trench Former MHD 12 | For special applications only when shown on the project plans. | 5/12 | 5/17 | ABT, Inc.<br>259 Murdock Road<br>Troutman, NC 28166<br>(704) 528-9806<br>www.abtdrains.com |
| F-17 | 05048 | Z-888 Grated Line Drain | For special applications only when shown on the project plans. | 8/12 | 8/17 | Zurn Industries<br>1801 Pittsburgh Ave.<br>Erie, PA 16502<br>(877) 222-5356 |

**Category: H – Joint Sealers and Fillers**

| | H-1 – Backer Rod – Regular<br>ADOT Specifications: 402-6.03(E)<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| | | | | | | |

H-2 – Backer Rod – Wide Joint
ADOT Specifications: ASTM D3204
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| H-2 | 84910 | Sealtight Pressure Relief Joint Material | Preformed polyethylene foam used in pressure relief joint. | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |

H-3 – Joint Sealant – Hot Pour
ADOT Specifications: 1011-3
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| H-3 | 06010 | Fibrecrete B | | 7/12 | 7/17 | Fibrecrete Technologies, LLC<br>PO Box 6007<br>Mount Airy NC 27030<br>(336) 786-8712<br>(336) 786-7425 – Fax |
| H-3 | 06017 | RoadSaver 221 | | 5/13 | 5/18 | Crafco, Inc.<br>420 N. Roosevelt Avenue<br>Chandler AZ 85226<br>(800) 528-8242<br>(480) 961-0513 – Fax |
| H-3 | 09110 | Roadseal # 10312 | | 5/11 | 5/16 | Roadseal Co, Ltd.<br>414-2 Isung-Li, Iseo-Myoun, Wanju-Gun<br>Jeon-Ra-Buk-Do, South Korea<br>82-10-2229-1683 |

H-4 – Joint Sealant – Silicone for 3/8 Inch Joints
ADOT Specifications: 1011-8
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| H-4 | 02023 | Pecora 301 Silicone Pavement Sealant | | 9/11 | 9/16 | Pecora Corporation<br>165 Wambold Road<br>Harleysville PA19438<br>(215) 799-7520<br>(215) 721-0286 – Fax |

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|---|---|---|---|---|---|---|
| H-4 | 88008 | Roadsaver 902-NS | Joints in P.C.C.P. as a standard. The joint sealants are to be evaluated for acceptance on an individual lot-testing basis. Tooling is required. | 2/13 | 2/18 | Crafco, Inc.<br>420 N. Roosevelt Avenue<br>Chandler AZ 85226<br>(800) 528-8242<br>(480) 961-0513 – Fax<br>www.crafco.com |
| H-4 | 09102 | Shep Silicone Non-sag | | 5/11 | 5/16 | Crafco, Inc.<br>420 N. Roosevelt Avenue<br>Chandler AZ 85226<br>(800) 528-8242<br>www.crafco.com |
| H-4 | 02122 | Spectrem 800 | | 9/11 | 9/16 | Tremco, Inc.<br>3735 Green Road<br>Beachwood OH 44122<br>216-292-5000<br>www.tremcoinc.com |

| | H-5 – Joint Sealant – Silicone for 1/8 Inch Joints<br>ADOT Specifications: 1011-8<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| H-5 | 12025 | Dow Corning 890 SL Self-Leveling Silicone Joint Sealant | Joints in P.C.C.P. as a standard. The joint sealants are to be evaluated for acceptance on an individual lot-testing basis. Tooling is required. | 8/12 | 8/17 | Dow Corning Corporation<br>12081 W Alameda Pkwy, #421<br>Lakewood CO 80228<br>(303) 980-1780<br>www.dowcorning.com |
| H-5 | 95118 | Roadsaver 903-SL | Joints in P.C.C.P. as a standard. The joint sealants are to be evaluated for acceptance on an individual lot-testing basis. Tooling is required. | 5/15 | 5/20 | Crafco, Inc.<br>420 N. Roosevelt Avenue<br>Chandler AZ 85226<br>(800) 528-8242<br>(480) 961-0513 – Fax |
| H-5 | 09103 | Shep Silicone Select | | 5/11 | 5/16 | Crafco, Inc.<br>420 N. Roosevelt Avenue<br>Chandler AZ 85226<br>(800) 528-8242<br>www.crafco.com |
| H-5 | 12154 | Sikasil 728 SL | | 3/15 | 3/20 | Sika Corporation<br>201 Polito Ave<br>Lyndhurst,NJ 07071<br>(602) 315-1676<br>www.sikausa.com |
| H-5 | 12159 | Sikasil 728 NS (non sag) | | 3/15 | 3/20 | Sika Corporation<br>201 Polito Ave<br>Lyndhurst,NJ 07071<br>(602) 315-1676<br>www.sikausa.com |

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**Category: I – Soil Reinforcement and Geosynthetics**

| | I-1 – Bank Protection Fabric<br>ADOT Specifications: 1014-5<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| I-1 | 08011 | 180EX | | 3/15 | 3/20 | Thrace-LINQ, Inc.<br>2550 W. 5th North St.<br>Summerville SC 29483<br>(800) 445-4675 |
| I-1 | 96902 | Contech C80-NW | Bank protection fabric | 4/15 | 4/20 | Contech Engineered Solutions12550 W. Butler Dr.El Mirage AZ 85335<br>(623) 935-7118<br>www.contech-cpi.com |
| I-1 | 03108 | EcoBerm and EcoBlanket Compost Material | | 8/09 | 8/14 | Rexius, Inc<br>1275 Bailey Hill Rd.<br>Eugene OR 97402<br>(541) 335-8021<br>(541) 343-4802 – Fax |
| I-1 | 98922 | FX-80HS | Non-woven geotextile | 9/09 | 9/14 | Carthage Mills<br>4243 Hunt Road<br>Cincinnati OH 45242<br>(800) 543-4430<br>(513) 794-3434 – Fax<br>www.carthagemills.com |
| I-1 | 93965 | GEOTEX 801 | | 9/11 | 9/16 | Propex Operating Company, LLC<br>6025 Lee Highway, Suite 425<br>PO Box 22788<br>Chattanooga, TN 37422<br>(800) 621-1273<br>www.propexbrands.com |
| I-1 | 10016 | GT180 | | 8/11 | 8/16 | Skaps Industries<br>335 Athena Drive<br>Athena, GA 30601<br>(706) 354-3700<br>http://www.skaps.com |
| I-1 | 91948 | Mirafi 1120 N | Separation or drainage filter fabric. Bank protection fabric, needle punched non-woven polypropylene fabric. Also see 91-53. | 5/13 | 5/18 | TenCate Mirafi<br>365 S. Holland Drive<br>Pendergrass GA 30567<br>(888) 795-0808<br>Fax: (706) 693-4400 |
| I-1 | 91930 | Mirafi 180 N | Separation or drainage filter fabric, non-woven polypropylene fabric. | 5/13 | 5/18 | TenCate Mirafi<br>365 S. Holland Drive<br>Pendergrass GA 30567<br>(888) 795-0808<br>Fax: (706) 693-4400 |

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| I-1 | 05029 | Sealtight Mel Drain | | 5/11 | 5/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Avenue<br>Goodyear, AZ 85338<br>(623) 932-9383<br>www.wrmeadows.com |
| I-1 | 99909 | TerraTex N08 | Non-woven pavement seal coating. | 3/15 | 3/20 | Hanes Geo Components<br>815 Buxton St.<br>Winston-Salem NC 27101<br>(336) 747-1600<br>(336) 747-1652 FAX<br>www.hanesgeo.com |
| I-1 | 12078 | WINfab 800N | | 5/13 | 5/18 | Willacoochee Industrial Fabrics, Inc.<br>P.O. Box 599<br>Willacoochee, GA 31650<br>(912) 534-5757<br>www.winfabusa.com |
| I-1 | 13115 | US 205NW | | 3/15 | 3/20 | US Fabrics, Inc.<br>3904 Virginia Avenue<br>Cincinnati, OH 45227<br>513-271-6000<br>www.usfabrics.com |

| | I-2 – Geocomposite Edge Drain System<br>ADOT Specifications: 1014-7<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| I-2 | 09041 | J-Drain SWD | | 6/11 | 6/16 | JDR Enterprises<br>292 S. Maine St. Suite 200<br>Alpharetta, GA 30004<br>(800) 843-7569 |
| I-2 | 06106 | SITEDRAIN Strip Drain 6400 | | 5/15 | 5/20 | American Wick Drain Corporation<br>1209 Airport Rd.<br>Monroe NC 28110<br>(704) 238-9200<br>(704) 238-0220 – Fax |
| I-2 | 91963 | Stripdrain 80 | Geocomposite edge drain. | 4/15 | 4/20 | Contech Engineered Solutions12550 W. Butler Dr.<br>El Mirage AZ 85335<br>(623) 935-7118<br>www.contech-cpi.com |

| | I-3 – Geocomposite Wall Drain System<br>ADOT Specifications: 1014-6<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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| I-3 | 97915<br>97019 | SITEDRAIN Sheet Drain 94 | Geocomposite wall drain. | 7/13 | 7/18 | American Wick Drain<br>1209 Airport Rd.<br>Monroe NC 28110<br>(704) 238-9200 |
| I-3 | 97915<br>97066 | SITEDRAIN Sheet Drain 184 | Geocomposite wall drain. | 7/13 | 7/18 | American Wick Drain<br>1209 Airport Road<br>Monroe NC 28110<br>(704) 238-9200 |
| I-3 | 91927 | Battle Drain | | 1/12 | 1/17 | Thrace-LINQ, Inc.<br>2550 West Fifth North St.<br>Summerville SC 29483-9699<br>(800) 543-9966<br>(843) 875-8276 – Fax |
| I-3 | 94924 | Drain Away – Prefabricated Structural Drain | | 7/13 | 7/18 | Drainage Products, Inc.<br>383 S. Main St.<br>Windsor Locks CT 06096<br>(860) 668-5108<br>(860) 623-2560 – Fax |
| I-3 | 91931 | J-Drain 300 | | 6/15 | 6/20 | JDR Enterprises, Inc.<br>292 S Main Street, Suite 200<br>Alpharetta GA 30004-1950<br>(800) 843-7569<br>(770) 664-7951 |
| I-3 | 09042 | J-Drain 400/420 | | 6/11 | 6/16 | JDR Enterprises<br>292 S. Maine St. Suite 200<br>Alpharetta, GA 30004<br>(800) 843-7569 |
| I-3 | 09043 | J-Drain 200/220 | | 6/11 | 6/16 | JDR Enterprises<br>292 S. Maine St. Suite 200<br>Alpharetta, GA 30004<br>(800) 843-7569 |
| I-3 | 05029 | Sealtight Mel Drain 5012 | Geocomposite wall drain. | 2/13 | 2/18 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Avenue<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 - Fax |
| I-3 | 05029 | Sealtight Mel Drain 5035 | Geocomposite wall drain. | 2/13 | 2/18 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Avenue<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 - Fax |

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| | I-4 **–** Geogrid (single layer only)<br>ADOT Specifications: 1014-3<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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| I-4 | 13117 | BaseGrid 11 | | 5/15 | 5/20 | US Fabrics, Inc.<br>3904 Virginia Avenue<br>Cincinnati, OH 45227<br>(513) 271-6000<br>www.usfabrics.com |
| I-4 | 13118 | BaseGrid 12 | | 5/15 | 5/20 | US Fabrics, Inc.<br>3904 Virginia Avenue<br>Cincinnati, OH 45227<br>(513) 271-6000<br>www.usfabrics.com |
| I-4 | 12179 | Mirafi BXG110 | | 11/13 | 11/18 | TenCate Geosynthetics<br>365 South Holland Drive<br>Pendergrass GA 30567<br>(706) 693-1744<br>www.tencate.com |
| I-4 | 12180 | Mirafi BXG120 | | 11/13 | 11/18 | TenCate Geosynthetics<br>365 South Holland Drive<br>Pendergrass GA 30567<br>(706) 693-1744<br>www.tencate.com |
| I-4 | 11148 | Syntec Geogrid SBX 11 (Type 1) and 12 (Type 2) | | 8/12 | 8/17 | Syntec<br>4800 Pulaski Highway<br>Baltimore MD 21224<br>(410) 327-1070<br>www.synteccorp.com |
| I-4 | 13030 | StrataBase SB11 | | 5/14 | 5/19 | Strata Systems, Inc.<br>380 Dahlonega Rd, Ste 200<br>Cumming GA 30040<br>(770) 330-4669<br>www.geogrid.com |
| I-4 | 13031 | StrataBase SB12 | | 5/14 | 5/19 | Strata Systems, Inc.<br>380 Dahlonega Rd, Ste 200<br>Cumming GA 30040<br>(770) 330-4669<br>www.geogrid.com |
| I-4 | 13032 | StrataBase SB30 | | 5/14 | 5/19 | Strata Systems, Inc.<br>380 Dahlonega Rd, Ste 200<br>Cumming GA 30040<br>(770) 330-4669<br>www.geogrid.com |
| I-4 | 14019 | Tenax LBO 202 Geogrid | | 5/15 | 5/20 | Tenax Corporation<br>4800 E. Monument<br>Baltimore, MD 21224<br>(800) 356-8495<br>www.tenaxus.com |
| I-4 | 14020 | Tenax LBO 302 Geogrid | | 5/15 | 5/20 | Tenax Corporation<br>4800 E. Monument<br>Baltimore, MD 21224<br>(800) 356-8495<br>www.tenaxus.com |

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| I-4 | 08027 | Tenax MS220 B | | 2/12 | 2/17 | Tenax Corporation<br>6161 Denslow Way<br>Sacramento CA 95823<br>(916) 393-1111<br>(916) 393-1113 – Fax<br>www.tenaxus.com |
| I-4 | 91961 | Tensar Geogrid BX 1100 | | 5/08 | 5/13 | The Tensar Corporation<br>1210 Citizen's Parkway<br>Morrow GA 30260<br>(770) 968-3255<br>(770) 960-1734 – Fax |
| I-4 | 06042 | Tensar BX1200 (SS-2) | | 8/09 | 8/14 | Tensar Earth Technologies, Inc.<br>9601 Timp View Dr.<br>Eagle Mountain UT 84043<br>(801) 789-5407<br>(801) 789-5408 – Fax |
| I-4 | 06039 | TerraGrid 100 | | 3/15 | 3/20 | Hanes Geo Components<br>815 Buxton St.<br>Winston-Salem NC 27101<br>(336) 747-1600<br>(336) 747-1652 FAX<br>www.hanesgeo.com |
| I-4 | 12128 | Terragrid RX 1100 | | 8/13 | 8/18 | BOSTD Geogrid-NewGrids, LLC<br>39 Clifton Rd<br>Poole, Dorset, BH149PW, England<br>http://www.bostd.com/ |

| | I-5 – Separation Geotextile Fabric (Low Survivability)<br>ADOT Specifications: 1014-4.01<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| I-5 | 08010 | 125EX | | 3/15 | 3/20 | Thrace-LINQ, Inc.<br>2550 W. 5th North St.<br>Summerville SC 29483<br>(800) 445-4675 |
| I-5 | 93964 | GEOTEX 351 | | 9/11 | 9/16 | Propex Operating Company, LLC<br>6025 Lee Highway, Suite 425<br>PO Box 22788<br>Chattanooga, TN 37422<br>(800) 621-1273<br>www.propexbrands.com |
| I-5 | 93962 | GEOTEX 401 | | 9/11 | 9/16 | Propex Operating Company, LLC<br>6025 Lee Highway, Suite 425<br>PO Box 22788<br>Chattanooga, TN 37422<br>(800) 621-1273<br>www.propexbrands.com |

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| I-5 | 08002 | GTF 150 | | 3/15 | 3/20 | Thrace-LINQ, Inc.<br>2550 W. 5th North St.<br>Summerville SC 29483<br>(800) 445-4675 |
| I-5 | 10017 | GT135 | | 8/11 | 8/16 | Skaps Industries<br>335 Athena Drive<br>Athena, GA 30601<br>(706) 354-3700<br>http://www.skaps.com |
| I-5 | 91929 | Mirafi 140 NL | Separation or drainage filter fabric, non-woven polypropylene fabric. | 5/13 | 5/18 | TenCate Mirafi<br>365 S. Holland Drive<br>Pendergrass GA 30567<br>(888) 795-0808<br>Fax: (706) 693-4400 |
| I-5 | 97924<br>97043 | R035 | A non-woven polypropylene geotextile. | 10/13 | 10/18 | Crown Resources, LLC<br>2694 Hayes Wilbank Road<br>Toccoa, GA 30577<br>(706)779-0287<br>(706)779-0336 fax<br>www.crownresources.net |
| I-5 | 97925<br>97044 | R040 | A non-woven polypropylene geotextile. | 10/13 | 10/18 | Crown Resources, LLC<br>2694 Hayes Wilbank Road<br>Toccoa, GA 30577<br>(706)779-0287<br>(706)779-0336 fax<br>www.crownresources.net |
| I-5 | 98907 | TerraTex N04 | Non-woven geotextile. | 3/15 | 3/20 | Hanes Geo Components<br>815 Buxton St.<br>Winston-Salem NC 27101<br>(336) 747-1600<br>(336) 747-1652 FAX<br>www.hanesgeo.com |
| I-5 | 91977 | Trevira Spunbond Engineering Fabric Trevira 1114 | Separation or drainage filter fabric. | 6/15 | 6/20 | Johns Manville Corporation<br>P.O. Box 5650<br>Spartanburg SC 29304<br>(864) 579-8200 |
| I-5 | 10041 | TYPAR | Types 3341G and 3401G | 2/12 | 2/17 | Polymer Group Inc. (formerly Fiberweb, Inc.)<br>70 Old Hickory Blvd.<br>Old Hickory, TN 37138<br>(615) 847-7500<br>www.fiberweb.com |
| I-5 | 13038 | TYPAR C3-SDE | | 5/14 | 5/19 | Fiberweb, Inc.<br>70 Old Hickory Blvd<br>Old Hickory TN 37178<br>(615) 847-7000<br>www.fiberweb.com |
| I-5 | 07059 | US 90 NW | | 8/13 | 8/18 | US Fabrics Inc.<br>3904 Virginia Ave.<br>Cincinnati OH 45227<br>(513) 271-6000<br>www.usfabrics.com |

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| I-5 | 12084 | WINfab 200W | | 3/13 | 3/18 | Willacoochee Industrial Fabrics, Inc.<br>P.O. Box 599<br>Willacoochee, GA 31650<br>(912) 534-5757<br>www.winfabusa.com |
| I-5 | 12079 | WINfab 350N | | 5/13 | 5/18 | Willacoochee Industrial Fabrics, Inc.<br>P.O. Box 599<br>Willacoochee, GA 31650<br>(912) 534-5757<br>www.winfabusa.com |

I-6 – Separation Geotextile Fabric (Moderate Survivability)
ADOT Specifications: 1014-4.02
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| I-6 | 14049 | 145EX | | 5/15 | 5/20 | Thrace-LINQ, Inc.<br>2550 W. 5th North Street<br>Summerville, SC 29483<br>(843) 875-8121<br>www.thracelinq.com |
| I-6 | 08009 | 150EX | | 5/09 | 5/14 | Thrace-LINQ, Inc.<br>2550 W. 5th North St.<br>Summerville SC 29483<br>(800) 445-4675 |
| I-6 | 98925 | FX-50HS | Non-woven separation geotextile. | 12/11 | 12/16 | Carthage Mills<br>4243 Hunt Road<br>Cincinnati OH 45242<br>(800) 543-4430<br>(513) 794-3434 – Fax |
| I-6 | 12053 | Geotex 2x2HF | | 3/13 | 3/18 | Propex Operating Company, LLC<br>6025 Lee Highway, Suite 425<br>Chattanooga, TN 37421<br>(423) 553-2461<br>www.propexglobal.com |
| I-6 | 12051 | Geotex 104F | | 3/13 | 3/18 | Propex Operating Company, LLC<br>6025 Lee Highway, Suite 425<br>Chattanooga, TN 37421<br>(423) 553-2461<br>www.propexglobal.com |
| I-6 | 93961 | GEOTEX 601 | | 9/11 | 9/16 | Propex Operating Company, LLC<br>6025 Lee Highway, Suite 425<br>PO Box 22788<br>Chattanooga, TN 37422<br>(800) 621-1273<br>www.propexbrands.com |

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| I-6 | 10018 | GT160 | | 8/11 | 8/16 | Skaps Industries<br>335 Athena Drive<br>Athena, GA 30601<br>(706) 354-3700<br>http://www.skaps.com |
| I-6 | 08003 | GTF 200 | | 3/15 | 3/20 | Thrace-LINQ, Inc.<br>2550 W. 5th North St.<br>Summerville SC 29483<br>(800) 445-4675 |
| I-6 | 12021 | Mirafi 160N | | 3/13 | 3/18 | TenCate Geosynthetics<br>365 South Holland Drive<br>Pendergrass, GA 30567<br>(706) 693-1744<br>www.tencate.com |
| I-6 | 97927<br>97043 | R060 | A non-woven polypropylene geotextile. | 10/13 | 10/18 | Crown Resources, LLC<br>2694 Hayes Wilbank Road<br>Toccoa, GA 30577<br>(706)779-0287<br>(706)779-0336 fax<br>www.crownresources.net |
| I-6 | 97928<br>97046 | R070 | A non-woven polypropylene geotextile. | 10/13 | 10/18 | Crown Resources, LLC<br>2694 Hayes Wilbank Road<br>Toccoa, GA 30577<br>(706)779-0287<br>(706)779-0336 fax<br>www.crownresources.net |
| I-6 | 99908 | TerraTex GS | Separation, stabilization, embankment protection. | 3/15 | 3/20 | Hanes Geo Components<br>815 Buxton St.<br>Winston-Salem NC 27101<br>(336) 747-1600<br>(336) 747-1652 FAX<br>www.hanesgeo.com |
| I-6 | 98906 | TerraTex N06 | Non-woven geotextile. | 3/15 | 3/20 | Hanes Geo Components<br>815 Buxton St.<br>Winston-Salem NC 27101<br>(336) 747-1600<br>(336) 747-1652 FAX<br>www.hanesgeo.com |
| I-6 | 98908 | TerraTex OL | Non-woven geotextile. | 9/09 | 9/14 | Hanes Geo Components<br>815 Buxton St.<br>Winston-Salem NC 27101<br>(336) 747-1600<br>(336) 747-1652 FAX<br>www.hanesgeo.com |
| I-6 | 10041 | TYPAR | Type 3501G | 2/12 | 2/17 | Polymer Group Inc. (formerly Fiberweb, Inc.)<br>70 Old Hickory Blvd.<br>Old Hickory, TN 37138<br>(615) 847-7500<br>www.fiberweb.com |

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| I-6 | 13037 | TYPAR C2-SDE | | 5/14 | 5/19 | Fiberweb, Inc.<br>70 Old Hickory Blvd<br>Old Hickory TN 37178<br>(615) 847-7000<br>www.fiberweb.com |
| I-6 | 13113 | US 160NW | | 5/15 | 5/20 | US Fabrics, Inc.<br>3904 Virginia Avenue<br>Cincinnati, OH 45227<br>(513) 271-6000<br>www.usfabrics.com |
| I-6 | 12084 | WINfab 200W | | 3/13 | 3/18 | Willacoochee Industrial Fabrics, Inc.<br>P.O. Box 599<br>Willacoochee, GA 31650<br>(912) 534-5757<br>www.winfabusa.com |
| I-6 | 12080 | WINfab 600N | | 3/13 | 3/18 | Willacoochee Industrial Fabrics, Inc.<br>P.O. Box 599<br>Willacoochee, GA 31650<br>(912) 534-5757<br>www.winfabusa.com |

| | I-7 – Separation Geotextile Fabric (High Survivability)<br>ADOT Specifications: 1014-4.03<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| I-7 | 08011 | 180EX | | 3/15 | 3/20 | Thrace-LINQ, Inc.<br>2550 W. 5th North St.<br>Summerville SC 29483<br>(800) 445-4675 |
| I-7 | 96902 | Contech C80-NW | Bank protection fabric. | 4/15 | 4/20 | Contech Engineered Solutions12550 W. Butler Dr.<br>El Mirage AZ 85335<br>(623) 935-7118<br>www.contech-cpi.com |
| I-7 | 98923 | FX-80HS | Non–woven geotextile. | 9/09 | 9/14 | Carthage Mills<br>4243 Hunt Road<br>Cincinnati OH 45242<br>(800) 543-4430<br>(513) 794-3434 – Fax<br>www.carthagemills.com |
| I-7 | 93965 | GEOTEX 801 | | 9/11 | 9/16 | Propex Operating Company, LLC<br>6025 Lee Highway, Suite 425<br>PO Box 22788<br>Chattanooga, TN 37422<br>(800) 621-1273<br>www.propexbrands.com |

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| I-7 | 10016 | GT180 | | 8/11 | 8/16 | Skaps Industries<br>335 Athena Drive<br>Athena, GA 30601<br>(706) 354-3700<br>http://www.skaps.com |
| I-7 | 08004 | GTF 270 | | 3/15 | 3/20 | Thrace-LINQ, Inc.<br>2550 W. 5th North St.<br>Summerville SC 29483<br>(800) 445-4675 |
| I-7 | 08005 | GTF 300 | | 3/15 | 3/20 | Thrace-LINQ, Inc.<br>2550 W. 5th North St.<br>Summerville SC 29483<br>(800) 445-4675 |
| I-7 | 13108 | Mactex N 47.1 (formerly Mactex H 60.1) | | 4/15 | 4/20 | Maccaferri, Inc.<br>10303 Governor Lane Boulevard<br>Williamsport, MD 21795<br>623-512-4047<br>www.maccaferri-usa.com |
| I-7 | 91948 | Mirafi 1120 N | Separation or drainage filter fabric. Bank protection fabric, needle punched non-woven polypropylene fabric. Also see 91-53. | 5/13 | 5/18 | TenCate Mirafi<br>365 S. Holland Drive<br>Pendergrass GA 30567<br>(888) 795-0808<br>Fax: (706) 693-4400 |
| I-7 | 91930 | Mirafi 180 N | Separation or drainage filter fabric, non-woven polypropylene fabric. | 5/13 | 5/18 | TenCate Mirafi<br>365 S. Holland Drive<br>Pendergrass GA 30567<br>(888) 795-0808<br>Fax: (706) 693-4400 |
| I-7 | 98910 | TerraTex HD | Woven geotextile. | 3/15 | 3/20 | Hanes Geo Components<br>815 Buxton St.<br>Winston-Salem NC 27101<br>(336) 747-1600<br>(336) 747-1652 FAX<br>www.hanesgeo.com |
| I-7 | 97926<br>97047 | R080 | A non-woven polypropylene geotextile. | 10/13 | 10/18 | Crown Resources, LLC<br>2694 Hayes Wilbank Road<br>Toccoa, GA 30577<br>(706)779-0287<br>(706)779-0336 fax<br>www.crownresources.net |
| I-7 | 99910 | TerraTex N08 | Separation, stabilization, embankment. | 3/15 | 3/20 | Hanes Geo Components<br>815 Buxton St.<br>Winston-Salem NC 27101<br>(336) 747-1600<br>(336) 747-1652 FAX<br>www.hanesgeo.com |
| I-7 | 91972 | Trevira Spunbond Engineering Fabric Trevira 1125 | Stabilization, separation or drainage filter fabric. | 6/15 | 6/20 | Johns Manville Corporation<br>P.O. Box 5650<br>Spartanburg SC 29304<br>(864) 579-8200 |

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| I-7 | 13034 | TYPAR 3601G | | 9/14 | 9/19 | Fiberweb, Inc.<br>70 Old Hickory Blvd.<br>Old Hickory, TN 37138<br>(615)-847-7500<br>www.fiberweb.com |
| I-7 | 13115 | US 205NW | | 3/15 | 3/20 | US Fabrics, Inc.<br>3904 Virginia Avenue<br>Cincinnati, OH 45227<br>513-271-6000<br>www.usfabrics.com |
| I-7 | 12086 | WINfab 315W | | 3/13 | 3/18 | Willacoochee Industrial Fabrics, Inc.<br>P.O. Box 599<br>Willacoochee, GA 31650<br>(912) 534-5757<br>www.winfabusa.com |
| I-7 | 12078 | WINfab 800N | | 5/13 | 5/18 | Willacoochee Industrial Fabrics, Inc.<br>P.O. Box 599<br>Willacoochee, GA 31650<br>(912) 534-5757<br>www.winfabusa.com |

| | I-8 – Separation Geotextile Fabric (Very High Survivability)<br>ADOT Specifications: 1014-4.04<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| I-8 | 08008 | 250EX | | 3/15 | 3/20 | Thrace-LINQ, Inc.<br>2550 W. 5th North St.<br>Summerville SC 29483<br>(800) 445-4675 |
| I-8 | 10002 | GE110 | | 8/11 | 8/16 | Skaps Industries<br>335 Athena Drive<br>Athena, GA 30601<br>(706) 354-3700<br>http://www.skaps.com |
| I-8 | 93963 | GEOTEX 1201 | | 9/11 | 9/16 | Propex Operating Company, LLC<br>6025 Lee Highway, Suite 425<br>PO Box 22788<br>Chattanooga, TN 37422<br>(800) 621-1273<br>www.propexbrands.com |
| I-8 | 11166 | Geotex 350ST | | 8/12 | 8/17 | Propex Operating Company, LLC<br>6025 Lee Highway, Suite 425<br>Chattanooga TN 37421<br>(423) 553-2461<br>www.propexglobal.com |
| I-8 | 08006 | GTF 350 | | 3/15 | 3/20 | Thrace-LINQ, Inc.<br>2550 W. 5th North St.<br>Summerville SC 29483<br>(800) 445-4675 |

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| I-8 | 13109 | Mactex N 70.1 (formerly Mactex H 80.1) | | 4/15 | 4/20 | Maccaferri, Inc.<br>10303 Governor Lane Boulevard<br>Williamsport, MD 21795<br>623-512-4047<br>www.maccaferri-usa.com |
| I-8 | 91953 | Mirafi 1120 N | Separation or drainage filter fabric. Bank protection fabric, needle punched non-woven polypropylene fabric. Also see 91-48. | 5/13 | 5/18 | TenCate Mirafi<br>365 S. Holland Drive<br>Pendergrass GA 30567<br>(888) 795-0808<br>Fax: (706) 693-4400 |
| I-8 | 98909 | TerraTex N10 | Non-woven geotextile. | 3/15 | 3/20 | Hanes Geo Components<br>815 Buxton St.<br>Winston-Salem NC 27101<br>(336) 747-1600<br>(336) 747-1652 FAX<br>www.hanesgeo.com |
| I-8 | 91973 | Trevira Spunbond Engineering Fabric Trevira 1135 | Stabilization, separation or drainage filter fabric. | 6/15 | 6/20 | Johns Manville Corporation<br>P.O. Box 5650<br>Spartanburg SC 29304<br>(864) 579-8200 |
| I-8 | 07061 | US 300 NW | | 8/13 | 8/18 | US Fabrics Inc.<br>3904 Virginia Ave.<br>Cincinnati OH 45227<br>(513) 271-6000<br>www.usfabrics.com |
| I-8 | 12083 | WINfab 1200N | | 8/13 | 8/18 | Willacoochee Industrial Fabrics, Inc.<br>P.O. Box 599/769 W Main St<br>Willacoochee, GA 31650<br>(912) 534-5757<br>www.winfabusa.com |

**Category: J – Patching Materials**

| | J-1 – Non-shrink grout<br>ADOT Specifications: Corps of Engineers Specification CRD C-621<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| J-1 | 97914 | 1107 Advantage Grout | Non-shrink grout. | 4/13 | 4/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |

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| J-1 | 02013 | Atlas Construction Grout | | 8/09 | 8/14 | Atlas Tech Products<br>1611 S. 27th Ave.<br>Phoenix AZ 85009<br>(602) 256-0600<br>(602) 256-0687 - Fax |
| J-1 | 13041 | Atlas-Tech Grout | | 5/14 | 5/19 | Atlas Tech Products<br>1611 S. 27th Ave.<br>Phoenix, AZ 85009<br>(602) 256-0600<br>www.atlastechproducts.com |
| J-1 | 11045 | CG-86 Grout | | 2/12 | 2/17 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>http://www.wrmeadows.com/ |
| J-1 | 97910 | Masterflow® 100 (formerly MBT Construction Grout) | Non-shrink grout. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| J-1 | 92901 | Crystex | | 4/08 | 4/13 | L & M Construction Chemicals<br>14851 Calhoun Road<br>Omaha NE 68152<br>(800) 362-3331<br>(402) 453-0244 – Fax<br>http://www.lmcc.com/ |
| J-1 | 13039 | CTS Construction Grout | | 5/14 | 5/19 | CTS Cement Manufacturing Co.<br>11065 Knott Ave<br>Suite A<br>Cypress, CA 90630<br>(800) 929-3030<br>www.rapidset.com |
| J-1 | 89915 | Duragrout | | 4/08 | 4/13 | L & M Construction Chemicals<br>14851 Calhoun Road<br>Omaha NE 68152<br>(800) 362-3331<br>(402) 453-0244 – Fax<br>http://www.lmcc.com/ |
| J-1 | 89940 | MasterFlow® 885 (formerly Embeco 885 Grout) | | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| J-1 | 90965 | NS Grout | | 3/15 | 3/20 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |

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| J-1 | 04077 | Hi-Flow Grout | | 11/11 | 11/16 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| J-1 | 89941 | MasterFlow® 928 (formerly Masterflow 928 Grout) | | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| J-1 | 89909 | MasterFlow® 713 (formerly Masterflow 713 Plus) | | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| J-1 | 03119 | NC Grout | | 11/11 | 11/16 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| J-1 | 13010 | Planigrout 712 | | 11/13 | 11/18 | MAPEI<br>1144 East Newport Center Drive<br>Deerfield Beach FL 33442<br>(954) 246-8749<br>www.mapei.com/us |
| J-1 | 92936 | Pro Grout 90 | | 9/11 | 9/16 | C. G. M., Inc.<br>1445 Ford Rd.<br>Bensalem PA 19020<br>(215) 638-4400<br>(215) 638-7949 – Fax |
| J-1 | 07020 | Quikrete Commercial Grade Fastset Non-shrink Grout | May be used for grouting anchor bolts, reinforcing steel, steel column bases, bearing plates, and other installation that require high, early and ultimate strength. As a repair material it can be used to make repairs to concrete surfaces. | 12/12 | 12/17 | The Quikrete Companies<br>500 Marathon Parkway<br>Lawrenceville GA 30046<br>(770) 216-9580<br>(770) 237-2548 – FAX<br>www.quikrete.com |
| J-1 | 07022 | Quikrete Non-Shrink General Purpose Grout | Used for grouting of steel columns, bearing plates, precast concrete, and anchors. | 12/12 | 12/17 | The Quikrete Companies<br>500 Marathon Parkway<br>Lawrenceville GA 30046<br>(770) 216-9580<br>(770) 237-2548 – FAX<br>www.quikrete.com |
| J-1 | 10005 | Quikrete Precision Non-Shrink Grout | | 12/10 | 12/15 | The Quikrete Companies<br>500 Marathon Parkway<br>Lawrenceville GA 30046<br>(770) 216-9580<br>(770) 237-2548 – FAX<br>www.quikrete.com |

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| J-1 | 10010 | Quikrete TARGET 1118 Grout | | 5/11 | 5/16 | The Quikrete Companies<br>500 Marathon Parkway<br>Lawrenceville GA 30046<br>(770) 216-9580<br>(770) 237-2548 – FAX<br>www.quikrete.com |
| J-1 | 10011 | Quikrete TARGET Flowcrete | | 5/11 | 5/16 | The Quikrete Companies<br>500 Marathon Parkway<br>Lawrenceville GA 30046<br>(770) 216-9580<br>(770) 237-2548 – FAX<br>www.quikrete.com |
| J-1 | 90945 | Rapid Set Cement | Structural concrete patching bond agent for to old concrete, non-shrink grout. | 3/15 | 3/20 | CTS Cement Manufacturing Co.<br>11065 Knott Ave.<br>Suite A<br>Cypress CA 90630<br>(800) 929-3030 Technical Hotline<br>(800) 523-6368 Order Desk |
| J-1 | 90946 | Rapid Set Cement All | Structural conc. patching bond to old conc., non-shrink grout. | 3/15 | 3/20 | CTS Cement Manufacturing Co.<br>11065 Knott Ave.<br>Suite A<br>Cypress CA 90630<br>(800) 929-3030 Technical Hotline<br>(800) 523-6368 Order Desk |
| J-1 | 09019 | Shep 1107 Premium Grout | | 11/10 | 11/15 | CMC Construction Services<br>777 N Eldridge Pkwy Suite 500<br>Houston TX 77079<br>(281) 597-5459<br>(281) 597-5504 – Fax |
| J-1 | 89911 | SikaGrout 212 | Structural concrete–patching bond to old concrete, non-shrink grout. | 9/10 | 9/15 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| J-1 | 09002 | Specchem Multi Purpose Grout | | 11/10 | 11/15 | Specchem LLC<br>444-B Richmond Ave<br>Kansas City KS 66101<br>(562) 489-9607<br>(562) 426-8747 – Fax |
| J-1 | 94903 | Special Patch | Two components, cement based, non-shrink grout for patching and leveling. | 8/09 | 8/14 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| J-1 | 89952 | Speed Crete Red Line | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |

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| J-1 | 89914 | Speed Crete Green Line | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| J-1 | 87907 | Sure Grip High Performance Grout (formerly Sure-Grip Grout) | Structural concrete; patching bonding agent to old concrete. | 4/13 | 4/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| J-1 | 88931 | Sure Grip Utility Grout | | 7/13 | 7/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| J-1 | 89953 | Sure-Grip Precision Grout | | 4/13 | 4/18 | Dayton Superior<br>1125 Byers Road<br>Miamisburg, OH 45342<br>(800) 745-3700<br>http://www.daytonsuperior.com/ |
| J-1 | 91998 | Tammsgrout Supreme | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| J-1 | 03100 | US SPEC G.P. Grout | | 7/13 | 7/18 | US Mix Products Co.<br>112 S. Santa Fe Dr.<br>Denver CO 80223<br>(303) 778-7227<br>(303) 722-8426 – Fax |
| J-1 | 03101 | US SPEC MP Grout | | 7/13 | 7/18 | US Mix Products Co.<br>112 S. Santa Fe Dr.<br>Denver CO 80223<br>(303) 778-7227<br>(303) 722-8426 – Fax |

| | J-2B – Portland Cement Concrete Pavement (PCCP) Patching – Accelerated Strength PCC Patch Material<br>ADOT Specifications: 402-2.02(A), 402-2.02(B)<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| J-2B | 10103 | Atlas Pro-1 Crete | | 6/11 | 6/16 | Atlas Tech Products<br>4640 Brinell Street<br>San Diego CA 92111<br>(858) 277-2100<br>(858) 277-0585 – Fax |

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|---|---|---|---|---|---|---|
| J-2B | 07023 | Quikrete Commercial Grade Fastset Concrete Mix (#1004-51) | | 12/12 | 12/17 | The Quikrete Companies<br>500 Marathon Parkway<br>Lawrenceville GA 30046<br>(770) 216-9580<br>(770) 237-2548 – FAX<br>www.quikrete.com |
| J-2B | 90947<br>93012 | Rapid Set Concrete Mix | Low strength concrete; patching, bond agent to old concrete. | 3/15 | 3/20 | CTS Cement Manufacturing Co.<br>11065 Knott Ave Suite A<br>Cypress CA 90630<br>(800) 929-3030 Technical Hotline<br>(800) 523-6368 Order Desk |
| J-2B | 11085 | US SPEC Transpatch Concrete | | 2/12 | 2/17 | US Mix Products Company<br>112 S. Santa Fe Dr.<br>Denver, CO 80223<br>(303) 778-7227<br>http://www.usmix.com |

| | J-2C – Portland Cement Concrete Pavement (PCCP) Patching – Rapid Setting Patch Material<br>ADOT Specifications: 402-2.02(A), 402-2.02(C)<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| J-2C | 13013 | ARDEX Transportation Repair Mortar (TRM) | | 11/13 | 11/18 | ARDEX Engineered Cements<br>400 Ardex Park Dr<br>Aliquippa, PA 15001<br>(602) 418-1292<br>www.ardex.com |
| J-2C | 10102 | Atlas Pro-1 Patch | | 6/11 | 6/16 | Atlas Tech Products<br>4640 Brinell Street<br>San Diego CA 92111<br>(858) 277-2100<br>(858) 277-0585 – Fax |
| J-2C | 02014 | Atlas Tech Dot Patch | | 8/09 | 8/14 | Atlas Tech Products<br>1611 S. 27th Ave.<br>Phoenix AZ 85009<br>(602) 256-0600<br>(602) 256-0687 – Fax |
| J-2C | 86925<br>03095 | Durapatch Hiway | Structural concrete patching bond to old concrete. | 4/08 | 4/13 | L & M Construction Chemicals<br>14851 Calhoun Road<br>Omaha NE 68152<br>(800) 362-3331<br>(402) 453-0244 – Fax<br>http://www.lmcc.com/ |
| J-2C | 12073 | H2 | Two-component, polymer modified | 8/13 | 8/18 | US Mix Co.<br>112 S. Santa Fe Drive<br>Denver, CO 80223<br>303-778-7227<br>www.usmix.com |

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| J-2C | 13023 | PPC Easy Patch | | 11/13 | 11/18 | Kwik Bond Polymers, LLC<br>923 Teal Drive<br>Benicia, CA 94510<br>(858) 442-8185<br>kwikbondpolymers.com |
| J-2C | 92954 | MasterEmaco® T 1060 (formerly MBT 10-60) | Structural concrete patching bond agent for old concrete, one component cementitious repair mortar. | 10/11 | 10/16 | BASF Corporation-Building Systems<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>www.buildingsystems.basf.com |
| J-2C | 04053 | Pave Patch 3000 | Product was approved in May 2005, recertification was late and was resubmitted under Product ID # 04053 and added to APL. | 5/11 | 5/16 | Dayton Superior<br>4226 Kansas Avenue<br>Kansas City, KS 66106<br>(877)416-3439, ext. 25108<br>www.daytonsuperior.com |
| J-2C | 13011 | Planitop 18 ES | | 11/13 | 11/18 | MAPEI<br>1144 East Newport Center Drive<br>Deerfield Beach FL 33442<br>(954) 246-8749<br>www.mapei.com/us |
| J-2C | 10013 | Planitop XS | | 12/10 | 12/15 | Mapei Corp.<br>1144 E. Newport Center Drive<br>Deerfield Beach FL 33442<br>(954) 246-8780<br>(954) 246-8805 - Fax |
| J-2C | 12045 | Polypatch FR | | 8/13 | 8/18 | US Mix Co.<br>112 S. Santa Fe Drive<br>Denver, CO 80223<br>303-778-7227<br>www.usmix.com |
| J-2C | 12070 | Quickset 5 | | 8/13 | 8/18 | US Mix Co.<br>112 S. Santa Fe Drive<br>Denver, CO 80223<br>303-778-7227<br>www.usmix.com |
| J-2C | 95906 | Rapid Set D.O.T. Repair Mix | | 3/15 | 3/20 | CTS Cement Manufacturing Co.<br>11065 Knott Ave Suite A<br>Cypress CA 90630<br>(800) 929-3030 Technical Hotline<br>(800) 523-6368 Order Desk |
| J-2C | 85912 | Sealtight Futura-15 (formerly Sealtight Futura Concrete Patch) | Structural concrete; patching expansion by autoclave. | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |
| J-2C | 86927 | MasterEmaco® T 545 DOT (formerly Set 45, CalTrans Formula) | Structural concrete; patching bond agent to old concrete. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |

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| J-2C | 03105 | Sika Quick 2500 | | 8/11 | 8/16 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| J-2C | 12035 | SpecChem RepCon 928 | | 8/13 | 8/18 | SpecChem LLC<br>1619 Walnut Street<br>Kansas City, KS 64108<br>562-489-9607<br>www.specchemllc.com |
| J-2C | 89914 | Speed Crete Green Line | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| J-2C | 11001 | Ulti-Grout | | 8/11 | 8/16 | Buzzi Unicem USA, Inc<br>100 Brodhead Road, Suite 230<br>Bethlehem, PA 18017<br>(610) 882-5013<br>www.buzziunicemusa.com |
| J-2C | 10030<br>11011 | Ulti-Pave3 | | 8/11 | 8/16 | Buzzi Unicem USA, Inc<br>100 Brodhead Road, Suite 230<br>Bethlehem, PA 18017<br>(610) 882-5013<br>www.buzziunicemusa.com |
| J-2C | 12012 | US Spec STR Mortar | | 12/12 | 12/17 | US Mix Co.<br>112 S Santa Fe Dr<br>Denver CO 80223<br>(303) 778-7227<br>www.usmix.com |
| J-2C | 09015 | US SPEC Transpatch | | 8/11 | 8/16 | US Mix Products Company<br>112 S. Santa Fe Dr.<br>Denver, CO 80223<br>(303) 778-7227<br>http://www.usmix.com |
| J-2C | 08062 | Versaspeed | | 8/11 | 8/16 | The Euclid Chemical Company<br>19218 Redwood Rd<br>Cleveland, OH 44110<br>(800) 321-7628<br>http://www.euclidchemical.com |
| J-2C | 12067 | V/O Patch CI | | 8/13 | 8/18 | US Mix Co.<br>112 S. Santa Fe Drive<br>Denver, CO 80223<br>303-778-7227<br>www.usmix.com |

J-2D – Portland Cement Concrete Pavement (PCCP) Patching – Epoxy Resin Grout Patch Material
ADOT Specifications: 402-2.02 (A), 402-2.02(D)
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| J-2D | 05025 | Atlas E-Pro Patch | Approved for use under ADOT Specification 402-2.02(D) | 3/12 | 3/17 | Atlas Tech Products<br>4640 Brinell Street<br>San Diego CA 92111<br>(858) 277-2100<br>(858) 277-0585 – Fax |

J-2E – Portland Cement Concrete Pavement (PCCP) Patching – Flexible Epoxy Patching Material
ADOT Specifications: 402-2.02(A), 402-2.02(E)
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
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J-3A – Structural Concrete Patching – High Early Strength Concrete
ADOT Specifications: 1016-2, ASTM C 387
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| J-3A | 90967 | Eucocrete | Structural concrete patching bond agent to old concrete | 3/15 | 3/20 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| J-3A | 90940 | MasterEmaco® S 440 MC (formerly MBT LA Repair) | Structural concrete; patching bond agent to old concrete; non-shrink grout. | 10/11 | 10/16 | BASF Corporation-Building Systems<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>www.buildingsystems.basf.com |
| J-3A | 13073 | RepCon V/O | | 3/15 | 3/20 | Spec Chem LLC<br>1511 Baltimore Ave<br>Kansas City,MO 64108<br>(630) 253-2015<br>SpecChemLLC.com |

J-3B – Structural Concrete Patching – Normal Strength Concrete
ADOT Specifications: 1016-3, ASTM C 387
ADOT Drawings: None
Responsible Section: Materials Group

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2015****
**IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV**

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
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| | J-3C – Structural Concrete Patching – High Strength Mortar<br>ADOT Specifications: 1016-4, ASTM C 387<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| J-3C | 10104 | Atlas V/O-1 Mortar | | 6/11 | 6/16 | Atlas Tech Products<br>4640 Brunell Street<br>San Diego CA 92111<br>(858) 277-2100<br>(858) 277-0585 – Fax |
| J-3C | 91984 | Duraltop Gel | Low strength concrete patching, bond agent to old concrete, polymer mortar gel. Two-component. | 3/15 | 3/20 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| J-3C | 90964 | MasterEmaco® S 488 CI (formerly Emaco S 88 CI) | Structural concrete patching bond to old concrete; cement-based mortar. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| J-3C | 90966 | Verticoat | Structural concrete patching bond agent to old concrete; polymer-modified mortar. Two-component. | 3/15 | 3/20 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| J-3C | 12073 | H2 | Two-component, polymer modified | 8/13 | 8/18 | US Mix Co.<br>112 S. Santa Fe Drive<br>Denver, CO 80223<br>303-778-7227<br>www.usmix.com |
| J-3C | 92955 | MasterEmaco® N 400 (formerly MBT HB2) | Structural concrete; patching bond agent to old concrete; two components polymer modified cementitious. | 10/11 | 10/16 | BASF Corporation-Building Systems<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>www.buildingsystems.basf.com |
| J-3C | 90940 | MasterEmaco® S 440 MC (formerly MBT LA Repair) | Structural concrete; patching bond agent to old concrete; non-shrink grout. | 10/11 | 10/16 | BASF Corporation-Building Systems<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>www.buildingsystems.basf.com |

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| J-3C | 92957 | MasterEmaco® T 302 (formerly MBT SD2) | Structural concrete; patching bond agent to old concrete; two components polymer modified cementitious. | 10/11 | 10/16 | BASF Corporation-Building Systems<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>www.buildingsystems.basf.com |
| J-3C | 12070 | Quickset 5 | | 8/13 | 8/18 | US Mix Co.<br>112 S. Santa Fe Drive<br>Denver, CO 80223<br>303-778-7227<br>www.usmix.com |
| J-3C | 13017 | Sealtight Meadow-Crete FNP | | 11/13 | 11/18 | W. R. Meadows of Arizona, Inc.<br>300 Industrial Drive<br>Hampshire IL 60140<br>(800) 342-5976<br>www.wrmeadows.com |
| J-3C | 13018 | Sealtight Meadow-Crete GPS | | 11/13 | 11/18 | W. R. Meadows of Arizona, Inc.<br>300 Industrial Drive<br>Hampshire IL 60140<br>(800) 342-5976<br>www.wrmeadows.com |
| J-3C | 13019 | Sealtight Meadow-Patch T-1 | | 11/13 | 11/18 | W. R. Meadows of Arizona, Inc.<br>300 Industrial Drive<br>Hampshire IL 60140<br>(800) 342-5976<br>www.wrmeadows.com |
| J-3C | 13020 | Sealtight Meadow-Patch 20 | | 11/13 | 11/18 | W. R. Meadows of Arizona, Inc.<br>300 Industrial Drive<br>Hampshire IL 60140<br>(800) 342-5976<br>www.wrmeadows.com |
| J-3C | 98918 | Sika Repair 222 | Patching material. | 8/11 | 8/16 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| J-3C | 97919 | SikaTop 111 Plus | Two-component, polymer modified. Fast setting, screed mortar plus penetrating corrosion inhibitor. | 11/14 | 11/19 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| J-3C | 97920 | SikaTop 121 Plus | Two-component, polymer modified. Leveling and pour sealing mortar with penetrating corrosion inhibitor. | 3/15 | 3/20 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 507-7107 – Fax<br>http://www.sikausa.com |

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| J-3C | 97921 | SikaTop 122 Plus | Two-component, polymer modified. Fast setting, trowel-grade mortar. | 8/11 | 8/16 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| J-3C | 98917 | SikaTop 123 Plus | Two-component, polymer modified patching material. | 3/15 | 3/20 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 507-7107 – Fax<br>http://www.sikausa.com |
| J-3C | 89952 | Speed Crete Red Line | Structural concrete; patching bond agent to old concrete; non-shrink grout. | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| J-3C | 13072 | SpecPatch | | 3/15 | 3/20 | Spec Chem LLC<br>1511 Baltimore Ave<br>Kansas City,MO 64108<br>(630) 253-2015<br>SpecChemLLC.com |
| J-3C | 13073 | RepCon V/O | | 3/15 | 3/20 | Spec Chem LLC<br>1511 Baltimore Ave<br>Kansas City,MO 64108<br>(630) 253-2015<br>SpecChemLLC.com |
| J-3C | 13074 | Duo Patch | | 3/15 | 3/20 | Spec Chem LLC<br>1511 Baltimore Ave<br>Kansas City,MO 64108<br>(630) 253-2015<br>SpecChemLLC.com |

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| | J-3D – Structural Concrete Patching – Rapid Hardening Concrete<br>ADOT Specifications: 1016-5, ASTM C 928 R1<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
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| | J-3E – Structural Concrete Patching – Very Rapid Hardening Concrete<br>ADOT Specifications: 1016-6, ASTM C 928 R2<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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| J-3E | 10103 | Atlas Pro-1 Crete | | 6/11 | 6/16 | Atlas Tech Products<br>4640 Brunell Street<br>San Diego CA 92111<br>(858) 277-2100<br>(858) 277-0585 – Fax |
| J-3E | 07023 | Quikrete Commercial Grade Fastset Concrete Mix (#1004-51) | | 12/12 | 12/17 | The Quikrete Companies<br>500 Marathon Parkway<br>Lawrenceville GA 30046<br>(770) 216-9580<br>(770) 237-2548 – FAX<br>www.quikrete.com |
| J-3E | 90947<br>93012 | Rapid Set Concrete Mix | Low strength concrete; patching, bond agent to old concrete. | 3/15 | 3/20 | CTS Cement Manufacturing Co.<br>11065 Knott Ave Suite A<br>Cypress CA 90630<br>(800) 929-3030 Technical Hotline<br>(800) 523-6368 Order Desk |
| J-3E | 11085 | US SPEC Transpatch Concrete | | 2/12 | 2/17 | US Mix Products Company<br>112 S. Santa Fe Dr.<br>Denver, CO 80223<br>(303) 778-7227<br>http://www.usmix.com |

| | J-3F – Structural Concrete Patching – Rapid Hardening Mortar<br>ADOT Specifications: 1016-7, ASTM C 928 R1<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| J-3F | 95914<br>94107 | MasterEmaco® T415 (formerly Emaco T430) | Rapid strength repair mortar. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| J-3F | 98928 | EucoSpeed | Rapid setting patching mortar. | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| J-3F | 12012 | US Spec STR Mortar | | 12/12 | 12/17 | US Mix Co.<br>112 S Santa Fe Dr<br>Denver CO 80223<br>(303) 778-7227<br>www.usmix.com |
| J-3F | 12067 | V/O Patch CL | | 8/13 | 8/18 | US Mix Co.<br>112 S. Santa Fe Drive<br>Denver, CO 80223<br>303-778-7227<br>www.usmix.com |

| | J-3G – Structural Concrete Patching – Very Rapid Hardening Mortar<br>ADOT Specifications: 1016-8, ASTM C 928 R2<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| J-3G | 13013 | ARDEX Transportation Repair Mortar (TRM) | | 11/13 | 11/18 | ARDEX Engineered Cements<br>400 Ardex Park Dr<br>Aliquippa, PA 15001<br>(602) 418-1292<br>www.ardex.com |
| J-3G | 10102 | Atlas Pro-1 Patch | | 6/11 | 6/16 | Atlas Tech Products<br>4640 Brunell Street<br>San Diego CA 92111<br>(858) 277-2100<br>(858) 277-0585 – Fax |
| J-3G | 02014 | Atlas Tech Dot Patch | | 8/09 | 8/14 | Atlas Tech Products<br>1611 S. 27th Ave.<br>Phoenix AZ 85009<br>(602) 256-0600<br>(602) 256-0687 – Fax |
| J-3G | 86925 | Durapatch Hiway | Structural concrete patching bond to old concrete. | 5/08 | 5/13 | L & M Construction Chemicals<br>14851 Calhoun Road<br>Omaha NE 68152<br>(800) 362-3331<br>(402) 453-0244 – Fax<br>http://www.lmcc.com/ |
| J-3G | 92-68 | MasterEmaco® T415 (formerly Emaco T 415) | Structural concrete patching bond agent to old concrete; rapid strength repair mortar. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| J-3G | 98-28 | EucoSpeed MP | Magnesium phosphate patching mortar. | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| J-3G | 10113 | Five Star Structural Concrete | | 8/11 | 8/16 | Five Star Products Inc<br>750 Commerce Drive<br>Fairfield, CT 06825<br>(203) 336-7900<br>www.fivestarproducts.com |
| J-3G | 92954 | MasterEmaco® T 1060 (formerly MBT 10-60) | Structural concrete patching bond to old concrete; one component cementitious repair mortar. | 10/11 | 10/16 | BASF Corporation-Building Systems<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>www.buildingsystems.basf.com |

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| J-3G | 92-54 | MasterEmaco® T 1061 (formerly MBT 10-61) | Structural concrete patching bond to old concrete, one component cementitious repair mortar. | 10/11 | 10/16 | BASF Corporation-Building Systems<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>www.buildingsystems.basf.com |
| J-3G | 04053 | Pave Patch 3000 | Product was approved in May 2005, recertification was late and was resubmitted under Product ID # 04053 and added to APL. | 5/11 | 5/16 | Dayton Superior<br>4226 Kansas Avenue<br>Kansas City, KS 66106<br>(877)416-3439, ext. 25108<br>www.daytonsuperior.com |
| J-3G | 10012 | Planitop 18 | | 12/10 | 12/15 | Mapei Corp.<br>1144 E. Newport Center Drive<br>Deerfield Beach FL 33442<br>(954) 246-8780<br>(954) 246-8805 - Fax |
| J-3G | 13011 | Planitop 18 ES | | 11/13 | 11/18 | MAPEI<br>1144 East Newport Center Drive<br>Deerfield Beach FL 33442<br>(954) 246-8749<br>www.mapei.com/us |
| J-3G | 10013 | Planitop XS | | 12/10 | 12/15 | Mapei Corp.<br>1144 E. Newport Center Drive<br>Deerfield Beach FL 33442<br>(954) 246-8780<br>(954) 246-8805 - Fax |
| J-3G | 12045 | Polypatch FR | | 8/13 | 8/18 | US Mix Co.<br>112 S. Santa Fe Drive<br>Denver, CO 80223<br>303-778-7227<br>www.usmix.com |
| J-3G | 90946 | Rapid Set Cement All | Structural concrete; patching bond agent to old concrete; non-shrink grout. | 3/15 | 3/20 | CTS Cement Manufacturing Co.<br>11065 Knott Ave Suite A<br>Cypress CA 90630<br>(800) 929-3030 Technical Hotline<br>(800) 523-6368 Order Desk |
| J-3G | 95906 | Rapid Set D.O.T. Repair Mix | | 3/15 | 3/20 | CTS Cement Manufacturing Co.<br>11065 Knott Ave Suite A<br>Cypress CA 90630<br>(800) 929-3030 Technical Hotline<br>(800) 523-6368 Order Desk |
| J-3G | 09027 | Rapid Set Mortar Mix | | 3/15 | 3/20 | CTS Cement Manufacturing Corp.<br>11065 Knott Ave Suite A<br>Cypress CA 90360<br>(800) 929-3030 Technical Hotline<br>(800) 523-6368 Order Desk |
| J-3G | 85912 | Sealtight Futura-15 (formerly Sealtight Futura Concrete Patch) | Structural concrete; patching expansion by autoclave. | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |

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| J-3G | 86927 | MasterEmaco® T 545 DOT (formerly Set 45, CalTrans Formula) | Structural concrete; patching bond agent to old concrete. | 5/15 | 5/20 | BASF Construction Chemicals LLC<br>889 Valley Park Drive<br>Shakopee MN 55379<br>(952) 496-6000<br>(952) 496-6069 – Fax |
| J-3G | 03104 | Sika Quick 2500 | | 8/11 | 8/16 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| J-3G | 12035 | SpecChem RepCon 928 | | 8/13 | 8/18 | SpecChem LLC<br>1619 Walnut Street<br>Kansas City, KS 64108<br>562-489-9607<br>www.specchemllc.com |
| J-3G | 89914 | Speed Crete Green Line | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9596 – Fax<br>www.euclidchemical.com |
| J-3G | 09015 | US SPEC Transpatch | Known dust carcinogen, use N95 dust mask, gloves, safety glasses. | 8/11 | 8/16 | US Mix Products Company<br>112 S. Santa Fe Dr.<br>Denver, CO 80223<br>(303) 778-7227<br>http://www.usmix.com |
| J-3G | 08062 | Versaspeed | Known dust carcinogen, use N95 dust mask, gloves, safety glasses. | 8/11 | 8/16 | The Euclid Chemical Company<br>19218 Redwood Rd<br>Cleveland, OH 44110<br>(800) 321-7628<br>http://www.euclidchemical.com |

| | J-4 – Structural Repair with Shotcrete, Dry Method<br>ADOT Specifications: 912-3.01(A)<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| J-4 | 09027 | Rapid Set Mortar Mix | | 3/15 | 3/20 | CTS Cement Manufacturing Corp.<br>11065 Knott Ave Suite A<br>Cypress CA 90360<br>(800) 929-3030 Technical Hotline<br>(800) 523-6368 Order Desk |

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| J-4 | 90968 | Sikacem 103 | | 8/11 | 8/16 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| J-4 | 90969 | Sikacem 133 | | 8/11 | 8/16 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |

**Category: K – Portland Cement Concrete Admixtures**

| | K-1 – Water Reducer - Type A<br>ADOT Specifications: 1006-2.04(C)<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| K-1 | 88918 | DARACEM-19 | High range. | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-1 | 11070 | Daracem 55 | | 8/11 | 8/16 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>www.graceconstruction.com |
| K-1 | 97933 | Eucon HC | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-1 | 97934 | Eucon HW | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |

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| K-1 | 97935 | Eucon LR | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-1 | 97936 | Eucon NR | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>((800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-1 | 97937 | Eucon NW | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-1 | 97938 | Eucon SP | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-1 | 01901<br>01031 | Plastol SPC (formerly Eucon SPC) | See also Category K-6. | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-1 | 97940 | Eucon X-15 | | 3/15 | 3/20 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-1 | 98931 | Eucon LW | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-1 | 00913<br>01019 | Eucon X-20 | Mid-range water-reducing admixture. | 5/11 | 5/16 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland, OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |

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| K-1 | 04066 | MasterGlenium 3400 (formerly Glenium 3400 NV) | | 11/11 | 11/16 | BASF Corporation<br>23700 Chagrin Blvd<br>Cleveland OH 44122<br>(216) 839-7072 |
| K-1 | 07102 | MIRA 35 | | 6/13 | 6/18 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-1 | 03042 | MIRA 85 | Mid-range water reducing admixture | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-1 | 07130 | Plastocrete 161 | | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-1 | 13058 | Plastol 6200EXT | | 12/13 | 12/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>216-692-8305<br>www.euclidchemical.com |
| K-1 | 13059 | Plastol 6400 | | 12/13 | 12/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>216-692-8305<br>www.euclidchemical.com |
| K-1 | 03083 | MasterPolyHeed 900 (formerly PolyHeed 900) | | 2/15 | 2/20 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.basf-admixtures.com/ |
| K-1 | 08067 | Pozzolith 200 | | 8/11 | 8/16 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.basf-admixtures.com/ |
| K-1 | 97904 | Pozzolith 200-N | Normal range. | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.basf-admixtures.com/ |

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| K-1 | 92941 | MasterPozzolith 322 (formerly Pozzolith 322-N) | Normal range. | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.basf-admixtures.com/ |
| K-1 | 12001 | Pozzolith 700N | | 8/12 | 8/17 | BASF Corporation<br>23700 Chagrin Blvd<br>Cleveland OH 44122<br>(216) 839-7072<br>www.masterbuilders.com |
| K-1 | 95923 | MasterPozzolith 80 (formerly Pozzolith 80) | Normal range. | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.basf-admixtures.com/ |
| K-1 | 05050 | PS1466 | | 3/12 | 3/17 | BASF Corporation<br>23700 Chagrin Blvd<br>Cleveland, OH 44122<br>(216) 839-7500 |
| K-1 | 13045 | SikaPlast 300GP | | 11/14 | 11/19 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-1 | 09033 | SikaPlast 500 | | 11/10 | 11/15 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-1 | 05016 | Sika ViscoCrete 2100 | | 3/13 | 3/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-1 | 13044 | Sika ViscoCrete 1000 | | 11/14 | 11/19 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-1 | 91952 | WRDA-64, Type A | Normal range.<br>AASHTO total solids: 39.5-44.5% | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |

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| K-1 | 86931 | WRDA-82 (Also known as WRDA PAVE 18) | Normal range. | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-1 | 11026 | WRDA PAVE 17 | | 8/11 | 8/16 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>www.graceconstruction.com |
| K-1 | 05012 | Zyla 610 | | 11/11 | 11/16 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge, MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-1 | 12030 | ZYLA 630 | | 3/13 | 3/18 | W R Grace<br>62 Whittemore Avenue<br>Cambridge, MA 02140<br>(617) 498-4555<br>www.grace.com |
| K-1 | 13029 | ZYLA 640 | | 2/14 | 2/19 | W.R. Grace<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>www.grace.com |
| K-1 | 14048 | ZYLA 620 | | 3/15 | 3/20 | W.R. Grace<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>www.grace.com |

| | K-2 – Retarding - Type B<br>ADOT Specifications: 1006-2.04(C)<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| K-2 | 90956 | MasterSet DELVO (formerly Delvo Stabilizer) | Set retarder, hydration stabilizer. | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-2 | 10034 | Eucon DS | | 6/11 | 6/16 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-3231<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |

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| K-2 | 10110 | Plastiment ES | | 8/11 | 8/16 | Sika Corporation<br>201 Polito Avenue<br>Lyndhurst, NJ 07071<br>(201) 933-8800<br>http://www.sikacorp.com |
| K-2 | 86930 | MasterSet R 100 (formerly Pozzolith 100-XR) | | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-2 | 08067 | Pozzolith 200 | | 8/11 | 8/16 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.basf-admixtures.com/ |
| K-2 | 97904 | MasterPozzolith 200 (formerly Pozzolith 200-N) | Normal range. | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-2 | 12001 | MasterPozzolith 700 (formerly Pozzolith 700N) | | 8/12 | 8/17 | BASF Corporation<br>23700 Chagrin Blvd<br>Cleveland OH 44122<br>(216) 839-7072<br>www.masterbuilders.com |
| K-2 | 92947 | RECOVER | | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-2 | 11094 | Sikatard 440 | | 2/12 | 2/17 | Sika Corporation<br>201 Polito Avenue<br>Lyndhurst NJ 07071<br>(908) 552-1427<br>www.sika.usa.com |

| | K-3 – Accelerating - Type C<br>ADOT Specifications: 1006-2.04(C)<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| K-3 | 03115 | Accelguard NCA | | 6/11 | 6/16 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-3231<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |

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| K-3 | 08049 | DARASET 400 | | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-3 | 83922<br>93959 | DCI | Darex Corrosion Inhibitor | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-3 | 01111 | Eucon CIA | | 5/13 | 5/18 | The Euclid Chemical Co.<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-3 | 06005 | Gilco Accelerator | | 10/12 | 10/17 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge, MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-3 | 09074 | NCA Non-Chloride Accelerator | | 5/11 | 5/16 | Fritz-Pak Corporation<br>4821 Eastover Circle<br>Mesquite, TX 75149<br>(214) 221-9494<br>http://www.fritzpak.com |
| K-3 | 94909 | POLARSET | | 5/15 | 5/20 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7549– Fax<br>www.graceconstruction.com |
| K-3 | 97918 | MasterSet AC 534 (formerly Pozzolith NC 534) | Accelerating, Type C. | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-3 | 00910 | MasterLife CI 30 (formerly Rheocrete CNI) | Accelerating admixture. | 7/13 | 7/18 | BASF Corporation<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.basf-admixtures.com/ |
| K-3 | 07127 | Sika CNI | | 8/12 | 8/17 | Sika Corporation<br>201 Polite Ave<br>Lyndhurst NJ 07071<br>(908) 552-1427<br>www.sika.usa.com |

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| K-3 | 07128 | Sika Set NC | | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |

| | K-4 – Water Reducing & Retarding - Type D<br>ADOT Specifications: 1006-2.04(C)<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| K-4 | 90956 | MasterSet DELVO (formerly Delvo Stabilizer) | Set retarder, hydration stabilizer. | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-4 | 10034 | Eucon DS | | 6/11 | 6/16 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-3231<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-4 | 97935 | Eucon LR | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland, OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-4 | 97936 | Eucon NR | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland, OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-4 | 01102 | Eucon Retarder 100 | | 5/13 | 5/18 | The Euclid Chemical Co.<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-4 | 01105 | Eucon WR 91 | | 5/13 | 5/18 | The Euclid Chemical Co.<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |

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| K-4 | 93936 | Fritz FR-1 | | 7/13 | 7/18 | Fritz-Pak Corporation<br>4821 Eastover Circle<br>Mesquite TX 75149<br>(888) 746-4116<br>(214) 349-3182 – Fax<br>http://www.fritzpak.com/ |
| K-4 | 00909<br>99086 | Fritz-Pak Standard Delay Set | Water-reducing set-retarder. | 7/13 | 7/18 | Fritz-Pak Corporation<br>4821 Eastover Circle<br>Mesquite TX 75149<br>(888) 746-4116<br>(214) 349-3182 – Fax<br>http://www.fritzpak.com/ |
| K-4 | 83917 | Pozzolith-80 | | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-4 | 08067 | Pozzolith 200 | | 8/11 | 8/16 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.basf-admixtures.com/ |
| K-4 | 12001 | Pozzolith 700N | | 8/12 | 8/17 | BASF Corporation<br>23700 Chagrin Blvd<br>Cleveland OH 44122<br>(216) 839-7072<br>www.masterbuilders.com |
| K-4 | 86940 | Plastiment | | 3/13 | 3/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-4 | 10110 | Plastiment ES | | 8/11 | 8/16 | Sika Corporation<br>201 Polito Avenue<br>Lyndhurst, NJ 07071<br>(201) 933-8800<br>http://www.sikacorp.com |
| K-4 | 07130 | Plastocrete 161 | | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-4 | 86930 | Pozzolith 100-XR | | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |

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| K-4 | 97904 | Pozzolith 200-N | Normal range. | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-4 | 83918 | MasterPozzolith 300 (formerly Pozzolith 300-R) | | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-4 | 92947 | RECOVER | | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-4 | 12048 | VMAR VSC 500 | | 3/13 | 3/18 | W R Grace<br>62 Whittemore Avenue<br>Cambridge, MA 02140<br>(617) 498-4555<br>www.grace.com |

| | K-5 – Water Reducing & Accelerating - Type E<br>ADOT Specifications: 1006-2.04(C)<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| K-5 | 03115 | Accelguard NCA | | 6/11 | 6/16 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-5 | 97932 | Accelguard 80 (formerly Eucon AcN) | | 3/15 | 3/20 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland, OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-5 | 02120 | MasterSet FP 20 (formerly Pozzutec 20+) | | 2/13 | 2/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |

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| K-5 | 07128 | Sika Set NC | | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-5 | 14032 | ADVA Cast 585 | | 3/15 | 3/20 | WR Grace & Co.<br>62 Whittemore Avenue<br>Cambridge, MA 02140<br>617-498-4555<br>www.grace.com |

K-6 – Water Reducing, High Range - Type F
ADOT Specifications: 1006-2.04(C)
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
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| K-6 | 07032 | ADVA 140M | | 11/12 | 11/17 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-6 | 07026 | ADVA 190 | | 11/12 | 11/17 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-6 | 11022 | ADVA 195 | | 8/11 | 8/16 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>www.graceconstruction.com |
| K-6 | 10021 | ADVA Cast 555 | | 6/11 | 6/16 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-6 | 07109 | ADVA Cast 575 | | 6/13 | 6/18 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |

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| K-6 | 12046 | ADVA Cast 600 | | 3/13 | 3/18 | W R Grace<br>62 Whittemore Avenue<br>Cambridge, MA 02140<br>(617) 498-4555<br>www.grace.com |
| K-6 | 07033 | ADVA Flex | | 11/12 | 11/17 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-6 | 88918 | DARACEM19 | | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-6 | 11070 | Daracem 55 | | 8/11 | 8/16 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>www.graceconstruction.com |
| K-6 | 01110 | Eucon 37 | | 5/13 | 5/18 | The Euclid Chemical Co.<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-6 | 01108 | Eucon 1037 | | 5/13 | 5/18 | The Euclid Chemical Co.<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-6 | 01107 | Eucon A+ | | 5/13 | 5/18 | The Euclid Chemical Co.<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-6 | 01109 | Eucon MR | | 5/13 | 5/18 | The Euclid Chemical Co.<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |

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| K-6 | 97938 | Eucon SP | | 5/13 | 5/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland, OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-6 | 00913<br>01019 | Eucon X-20 | Mid-range water-reducing admixture. | 5/11 | 5/16 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland, OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-6 | 11167 | EXP 950 | | 8/12 | 8/17 | WR Grace & Co. - Conn.<br>62 Whittemore Ave<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7549 - Fax<br>www.grace.com |
| K-6 | 01113 | MasterGlenium 3030 (formerly Glenium 3030 NS) | | 2/13 | 2/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-6 | 14099<br>04066 | MasterGlenium 3400 (formerly Glenium 3400 NV) | | 4/15 | 4/20 | BASF Corporation<br>23700 Chagrin Blvd<br>Cleveland OH 44122<br>(216) 839-7500 |
| K-6 | 07031 | MasterGlenium 7101 (formerly Glenium 7101) | | 10/12 | 10/17 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122<br>(216) 839-7072<br>(216) 829-8821 – FAX<br>www.basf-admixtures.com |
| K-6 | 07063 | MasterGlenium 7500 (formerly Glenium 7500) | | 2/15 | 2/20 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122<br>(216) 839-7072<br>(216) 829-8821 – FAX<br>www.basf-admixtures.com |
| K-6 | 07062 | MasterGlenium 7700 (formerly Glenium 7700) | | 2/15 | 2/20 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122<br>(216) 839-7072<br>(216) 829-8821 – FAX<br>www.basf-admixtures.com |
| K-6 | 03042 | MIRA 85 | | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |

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| K-6 | 13058 | Plastol 6200EXT | | 11/13 | 11/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>216-692-8305<br>www.euclidchemical.com |
| K-6 | 13059 | Plastol 6400 | | 11/13 | 11/18 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>216-692-8305<br>www.euclidchemical.com |
| K-6 | 94914 | MasterPolyheed 997<br>(formerly Polyheed 997) | | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-6 | 05050 | PS1466 | | 3/12 | 3/17 | BASF Corporation<br>23700 Chagrin Blvd<br>Cleveland, OH 44122<br>(216) 839-7500 |
| K-6 | 94929 | MasterRheobuild 1000<br>(formerly Rheobuild 1000) | | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-6 | 05017 | Sikament 686 | | 3/13 | 3/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-6 | 09033 | SikaPlast 500 | | 11/10 | 11/15 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-6 | 13044 | Sika ViscoCrete 1000 | | 11/14 | 11/19 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-6 | 05016 | Sika ViscoCrete 2100 | | 3/13 | 3/18 | Sika Corporation<br>Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |

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| K-6 | 05018 | Sika ViscoCrete 4100 | | 3/13 | 3/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-6 | 03066 | Sika ViscoCrete 6100 | | 3/13 | 3/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-6 | 93940 | Supercizer #1 | High range. | 7/13 | 7/18 | Fritz-Pak Corporation<br>4821 Eastover Circle<br>Mesquite TX 75149<br>(888) 746-4116<br>(214) 349-3182 – Fax<br>http://www.fritzpak.com/ |
| K-6 | 93941 | Supercizer #5 | High range. | 7/13 | 7/18 | Fritz-Pak Corporation<br>4821 Eastover Circle<br>Mesquite TX 75149<br>(888) 746-4116<br>(214) 349-3182 – Fax<br>http://www.fritzpak.com/ |
| K-6 | 93942 | Supercizer #6 | High range. | 7/13 | 7/18 | Fritz-Pak Corporation<br>4821 Eastover Circle<br>Mesquite TX 75149<br>(888) 746-4116<br>(214) 349-3182 – Fax<br>http://www.fritzpak.com/ |

| | K-7 – Water Reducing, High Range & Retarding - Type G<br>ADOT Specifications: 1006-2.04(C)<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

| | K- 8 – Air Entraining Admixture<br>ADOT Specifications: 1006-2.04(B)<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| K-8 | 01101 | AEA 92S | | 5/13 | 5/18 | The Euclid Chemical Co.<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |

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| K-8 | 01106 | AEA 92 | | 5/13 | 5/18 | The Euclid Chemical Co.<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-8 | 01100 | Air Mix 200 | | 5/13 | 5/18 | The Euclid Chemical Co.<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-8 | 10058 | Airalon 3000 | | 6/11 | 6/16 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-8 | 94912 | DARAVAIR 1000<br>(Also known as<br>DARAVAIR PAVE 10) | | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-8 | 80929<br>97917 | DARAVAIR AT60 | | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-8 | 80916 | DARAVAIR M | | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-8 | 90955 | DAREX II AEA | | 11/14 | 11/19 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7576 – Fax<br>www.graceconstruction.com |
| K-8 | 97931 | Eucon Air 40 | | 3/15 | 3/20 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland, OH 44110<br>(800) 321-7628<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |

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| K-8 | 10101 | MasterAir AE 400 (formerly Everair Plus) | | 12/11 | 12/16 | BASF Corporation<br>23700 Chagrin Blvd<br>Cleveland OH 44122<br>(216) 839-7072<br>www.basf-admixtures.com |
| K-8 | 93934 | Fritz Air Plus | | 7/13 | 7/18 | Fritz-Pak Corporation<br>4821 Eastover Circle<br>Mesquite TX 75149<br>(888) 746-4116<br>(214) 349-3182 – Fax<br>http://www.fritzpak.com/ |
| K-8 | 93935 | Fritz Super Air Plus | | 7/13 | 7/18 | Fritz-Pak Corporation<br>4821 Eastover Circle<br>Mesquite TX 75149<br>(888) 746-4116<br>(214) 349-3182 – Fax<br>http://www.fritzpak.com/ |
| K-8 | 94901 | MasterAir AE 90 (formerly MB AE 90) | | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-8 | 89901 | MasterAir VR 10 (formerly MB VR Standard) | | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-8 | 86909 | MasterAir AE 200 (formerly Micro Air) | | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-8 | 89902 | MasterAir AE 200 (formerly Micro Air) | | 7/13 | 7/18 | BASF Construction Chemicals, LLC<br>23700 Chagrin Blvd.<br>Cleveland OH 44122-5554<br>(800) 628-9990<br>http://www.masterbuilders.com/ |
| K-8 | 07129 | Sika Air | | 7/13 | 7/18 | Sika Corp.<br>201 Polito Ave.<br>Lyndhurst NJ 07071<br>(201) 933-8800<br>(201) 804-1076 – Fax<br>http://www.sikacorp.com |
| K-8 | 13079 | Sika Air-360 | | 4/15 | 4/20 | Sika Corporation<br>201 Polito Ave<br>Lyndhurst,NJ 07071<br>(330) 495-0109<br>www.sikausa.com |

K-9 – Fiber
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| K-9 | 09001 | Fibermesh 650 | | 6/11 | 6/16 | Propex Concrete Systems Corp.<br>6025 Lee Highway, Suite 425<br>PO Box 22788<br>Chattanooga, TN 37422<br>(480) 747-0690<br>http://www.fibermesh.com |
| K-9 | 09012 | Fibermesh 150 | | 5/12 | 5/17 | Propex Concrete Systems Corp.<br>6025 Lee Highway, Suite 425<br>PO Box 22788<br>Chattanooga, TN 37422<br>(480) 747-0690<br>http://www.fibermesh.com |
| K-9 | 09013 | Fibermesh 300 | | 5/12 | 5/17 | Propex Concrete Systems Corp.<br>6025 Lee Highway, Suite 425<br>PO Box 22788<br>Chattanooga, TN 37422<br>(480) 747-0690<br>http://www.fibermesh.com |
| K-9 | 11023 | Helix | | 5/12 | 5/17 | Polytorx, LLC<br>300 N. Fifth Avenue, Suite 130<br>Ann Arbor, MI 48104<br>(734) 322-2114<br>www.helixsteel.com |
| K-9 | 09010 | Novomesh 950 | | 8/11 | 8/16 | Propex Concrete Systems Corp.<br>6025 Lee Highway, Suite 425<br>PO Box 22788<br>Chattanooga, TN 37422<br>(480) 747-0690<br>http://www.fibermesh.com |
| K-9 | 09011 | Novomesh 850 | | 8/11 | 8/16 | Propex Concrete Systems Corp.<br>6025 Lee Highway, Suite 425<br>PO Box 22788<br>Chattanooga, TN 37422<br>(480) 747-0690<br>http://www.fibermesh.com |
| K-9 | 09020 | MasterFiber Mac 100 | | 12/11 | 12/16 | BASF Corporation<br>23700 Chagrin Blvd<br>Cleveland OH 44122<br>(216) 839-7072<br>www.basf-admixtures.com |

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|---|---|---|---|---|---|---|
| K-9 | 11143 | Strux 90/40 | | 12/12 | 12/17 | WR Grace & Co. - Conn.<br>62 Whittemore Ave<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7549 - Fax<br>www.grace.com |
| K-9 | 10033 | Tuf-Strand SF | | 6/11 | 6/16 | The Euclid Chemical Company<br>19218 Redwood Road<br>Cleveland OH 44110<br>(800) 321-3231<br>(216) 531-9399 – Fax<br>www.euclidchemical.com |
| K-9 | 14034 | ECONO-NET | | 3/15 | 3/20 | FORTA Corporation<br>100 Forta Drive<br>Grove City, PA 16127<br>724-458-5221<br>www.forta-ferro.com |

| | K-10 – Admixture Containing Calcium Chloride, Set Accelerator<br>ADOT Specifications: 1006-2.04(C)<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| K-10 | 11025 | Daraccel | | 8/11 | 8/16 | W R Grace & Co.- Conn.<br>62 Whittemore Avenue<br>Cambridge MA 02140<br>(617) 498-4555<br>www.graceconstruction.com |

| | K-11 – Specific Performance Admixtures, Type S<br>ADOT Specifications: ASTM C-494<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| K-11 | 11144 | VMAR F100 | | 8/12 | 8/17 | WR Grace & Co. - Conn.<br>62 Whittemore Ave<br>Cambridge MA 02140<br>(617) 498-4555<br>(617) 234-7549 - Fax<br>www.grace.com |

**Category: M – Paints for Concrete, Masonry, Wood, and Other Porous Surfaces**

| | M-2 – Water Base<br>ADOT Specifications: Standard and Stored Specification 1002<br>ADOT Drawings: None<br>Responsible Section: Materials Group<br><br>Note: Product may be applied on porous surfaces including masonry, wood, and Portland cement concrete. | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| M-2 | 89-44 | 100% Acrylic Flat 290f447 | | 8/09 | 8/14 | Frazee Industries, Inc.<br>6625 Miramar Road<br>San Diego CA 92121<br>(858) 626-3600<br>(602) 244-2715 – Fax<br>www.frazee.com |
| M-2 | 89-45 | Canyon Tone Stain "W" | | 5/08 | 5/13 | United Coatings<br>19011 E. Cataldo<br>Greenacres WA 99016<br>(800) 541-4383<br>(509) 928-1116 – Fax |
| M-2 | 01-05 01023 | Glidden SpeedCote Exterior 2250 Flat Paint | | 12/11 | 12/16 | Glidden Professional<br>725 S. Madison<br>Tempe, AZ 85281<br>(480) 784-4000<br>www.gliddenprofessional.com |
| M-2 | 89-43 | Hydro-Acrylic Stain | | 9/09 | 9/14 | TriCom Coatings, Inc.<br>2639 N. 31st Ave.<br>Phoenix AZ 85009<br>(602) 243-3293<br>(602) 268-6801 – Fax<br>www.tricomcoatings.com |
| M-2 | 92-04 | Hydro-Acrylic Stain Flat (Product Code 300-65) | | 9/09 | 9/14 | TriCom Coatings, Inc.<br>2639 N. 31st Ave.<br>Phoenix AZ 85009<br>(602) 243-3293<br>(602) 268-6801 – Fax<br>www.tricomcoatings.com |

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|---|---|---|---|---|---|---|
| M-2 | 90-02 | Pitt-Cryl Exterior Water Base Paint | | 1/12 | 1/17 | Pittsburgh Paints<br>One PPG Place<br>Pittsburgh PA 15272<br>(800) 441-9695<br>http://www.pittsburghpaints.com |
| M-2 | 95903 | Sher-Clad Exterior Acrylic Latex Flat Paint, B2 Series | Acrylic latex | 7/13 | 7/18 | The Sherwin-Williams Co.<br>15484 College Blvd.<br>Lenexa, KS 66219<br>(913) 381-6346<br>www.sherwin-williams.com |
| M-2 | 02017 | Sherwin Williams Duration K-32 Series Exterior Latex Flat Masonry Finish | | 7/13 | 7/18 | The Sherwin-Williams Co.<br>15484 College Blvd.<br>Lenexa, KS 66219<br>(913) 381-6346<br>www.sherwin-williams.com |
| M-2 | 02018 | Sherwin Williams A-100/A6 Series Exterior Latex Flat Masonry Finish | | 7/13 | 7/18 | The Sherwin-Williams Co.<br>15484 College Blvd.<br>Lenexa, KS 66219<br>(913) 381-6346<br>www.sherwin-williams.com |
| M-2 | 02019 | Sherwin Williams B42 Series Exterior Latex Flat Masonry Finish | | 7/13 | 7/18 | The Sherwin-Williams Co.<br>15484 College Blvd.<br>Lenexa, KS 66219<br>(913) 381-6346<br>www.sherwin-williams.com |
| M-2 | 08070 | Southwest Division (SWD) Bridge and Highway B97 Series | | 7/13 | 7/18 | The Sherwin-Williams Co.<br>15484 College Blvd.<br>Lenexa, KS 66219<br>(913) 381-6346<br>www.sherwin-williams.com |
| M-2 | 04087 | US SPEC Radiance UV-25 | | 8/12 | 8/17 | US Mix Products Co.<br>112 South Santa Fe Drive<br>Denver CO 80223<br>(303) 778-7227<br>http://www.usmix.com |

**Category: N – Reflective Crack Controls**

| | N-1 – Pavement Fabric<br>ADOT Specifications: 1014-2<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| N-1 | 08007 | AOL | | 6/09 | 6/14 | Thrace-LINQ, Inc.<br>2550 W. 5th North St.<br>Summerville SC 29483<br>(800) 445-4675 |

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|---|---|---|---|---|---|---|
| N-1 | 98924 | FX-38A/O | Pavement fabric | 9/09 | 9/14 | Carthage Mills<br>4243 Hunt Road<br>Cincinnati OH 45242<br>(800) 543-4430<br>(513) 794-3434 – Fax<br>www.carthagemills.com |
| N-1 | 10014 | GC130 | | 8/11 | 8/16 | Skaps Industries<br>335 Athena Drive<br>Athena, GA 30601<br>(706) 354-3700<br>http://www.skaps.com |
| N-1 | 93969 | GEOTEX 381 | | 12/11 | 12/16 | Propex Operating Company, LLC<br>6025 Lee Highway, Suite 425<br>PO Box 22788<br>Chattanooga, TN 37422<br>(800) 621-1273<br>www.propexbrands.com |
| N-1 | 12022 | Mirafi MPV400 | | 5/13 | 5/18 | TenCate Geosynthetics<br>365 South Holland Drive<br>Pendergrass, GA 30567<br>(706) 693-1744<br>www.tencate.com |
| N-1 | 12023 | Mirafi MPV500 | | 5/13 | 5/18 | TenCate Geosynthetics<br>365 South Holland Drive<br>Pendergrass, GA 30567<br>(706) 693-1744<br>www.tencate.com |
| N-1 | 12054 | Petromat 4598 | | 5/13 | 5/18 | Propex Operating Company, LLC<br>1110 Market Street, Suite 300<br>Chattanooga, TN 37402<br>(423) 553-2463<br>www.propexglobal.com |
| N-1 | 12082 | WINfab 300NP | | 8/13 | 8/18 | Willacoochee Industrial Fabrics, Inc.<br>P.O. Box 599/769 W Main St<br>Willacoochee, GA 31650<br>(912) 534-5757<br>www.winfabusa.com |
| N-1 | 12081 | WINfab 400NP | | 5/13 | 5/18 | Willacoochee Industrial Fabrics, Inc.<br>P.O. Box 599<br>Willacoochee, GA 31650<br>(912) 534-5757<br>www.winfabusa.com |

**Category: O – Rust Passivators**

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| | O-1 **–** Epoxy Powder Coatings<br>ADOT Specifications: 1003-5.02 and AASHTO M284<br>ADOT Drawings: None<br>Responsible Section: Materials Group |

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2015****
**IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV**

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| O-1 | 12810 | Greenbar 720A009 | | 12/14 | 12/19 | Valspar Corporation<br>1101 S. 3rd Street<br>Minneapolis MN 55415<br>(651) 324-6031 |
| O-1 | 12739 | Nap-Gard 7-2719 | | 4/09 | 4/14 | DuPont Powder Coatings, U.S.A.<br>9800 Gernard Rd.<br>Houston TX 77041<br>(713) 939-4000<br>www.dupontpowder.com |
| O-1 | 11112 | Nap-Gard 7-2750 | | 8/12 | 8/17 | DuPont Coating Solutions<br>9800 Genard Rd<br>Houston TX 77429<br>(713) 996-4698<br>www.dupontpowder.com |
| O-1 | 08019 | Resicoat RB-600 | | 5/12 | 5/17 | Akzo-Nobel Coatings<br>20 Culvert St.<br>Nashville, TN 37210<br>(800) 626-7891<br>http://www.akzonobel.com/resicoat |
| O-1 | 04050 | Skotchkote 413 | | 9/11 | 9/16 | 3M<br>6801 River Place Blvd.<br>Austin TX 78726<br>(512) 984-1800 |

**Category: P – Detectable Warning Device**

| | P-1 – Truncated Domes<br>ADOT Specifications: See DWD Guidelines at http://www.azdot.gov/docs/default-source/planning/dwdguidelines.pdf?sfvrsn=2<br>ADOT Drawings: C-05.30<br>Responsible Section: Roadway Group and Materials Structural Section | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| P-1 | 08042 | ADA Arcis Tactile | | 3/09 | 3/14 | Arcis Corp<br>10680 NW 289th Place<br>North Plains OR 97133<br>(503) 647-5042 |
| P-1 | 04044 | ADATILE | | 1/11 | 1/16 | ADA Solutions, Inc<br>P.O. Box 3<br>North Billerica MA 01862<br>(800) 372-0519 |

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|---|---|---|---|---|---|---|
| P-1 | 04048 | Armor-Tile Tactile Systems | | 3/12 | 3/17 | Engineered Plastics<br>300 International Way<br>Buffalo, NY 14221<br>(562) 842-9934<br>www.armor-tile.com |
| P-1 | 12009 | CAST-DWD | Note: May not be appropriate for elevations less than 4000 feet. | 5/14 | 5/19 | Pioneer Detectable, LLC<br>N 8060 Maples Street<br>Ixonia, WI 53036<br>262-370-5355<br>www.castdwd.com |
| P-1 | 09014 | CAST in TACT 3 | | 2/12 | 2/17 | Masons Supply Company<br>2637 SE. 12th Ave.<br>Portland, OR 97202<br>503-234-4321<br>www.masco.net |
| P-1 | 04054 | EZ-Set Tile (Polymer Concrete Panels) | | 7/13 | 7/18 | Detectable Warning Systems<br>9556 Historic Kings Road South, Suite 315<br>Jacksonville, FL 32257<br>(866) 999-7452<br>www.detectable-warning.com |
| P-1 | 05009 | EJIW 7005 Series Truncated Dome | May not be appropriate for elevations less than 4000 feet. | 4/08 | 4/13 | East Jordan Iron Works<br>13835 N Tatum Blvd #9<br>Ste #614<br>Phoenix, AZ 85032<br>(480) 797-3492 |
| P-1 | 10082 | MD MetaPanel DW Embedment Tile (Cast-In-Place) | May not be appropriate for elevations less than 4000 feet. | 6/11 | 6/16 | MetaDome, LLC<br>2136 East Dayton Street<br>Madison, WI 53704<br>(608) 249-8644 |
| P-1 | 11162 | RidgeDome DW Embedment Tile (Cast In Place) | May not be appropriate for elevations less than 4000 feet. | 11/13 | 11/18 | MetaDome, LLC<br>2136 E. Dayton St<br>Madison, WI 53704<br>(608) 249-8644<br>www.metadome.com |
| P-1 | 04049 | Step-Safe | | 1/11 | 1/16 | Transpo Industries<br>20 Jones Street<br>New Rochelle NY 10801<br>(914) 636-1000<br>(914) 636-1282 – Fax<br>www.transpo.com |
| P-1 | 07122 | SureDome | | 9/14 | 9/19 | Advanced Surface Systems LLC<br>4186 Gulf Breeze Parkway<br>Gulf Breeze, FL 32563<br>865-206-4789<br>www.suredome.com |
| P-1 | 04069 | TekWay Detectable Warning | | 7/13 | 7/18 | StrongGo LLC<br>3296 East Hemisphere Loop<br>Tucson, AZ 85706<br>(866) 439-3216 |

**Category: S – Structural Materials and Components**

| | S-1 – Splicer<br>ADOT Specifications: 605-3.02<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| S-1 | 93913 | BarGrip, Grade 60 | Swaged mechanical coupler | 3/15 | 3/20 | Barsplice Products, Inc.<br>4900 Webster St.<br>Dayton OH 45414<br>(937) 275-8700<br>(937) 275-9566 – Fax<br>www.barsplice.com |
| S-1 | 07092 | Bar Lock Couplers | | 7/13 | 7/18 | Dayton Superior<br>1125 Byers Rd.<br>Dayton, OH 45342<br>(937) 543-2399<br>www.barlock.com<br>www.daytonsuperior.com |
| S-1 | 98901 | Bar-Lock MBT Couplers | Mechanical splice<br>FOR SIZE #10 ONLY | 5/11 | 5/16 | Dayton Superior<br>1125 Byers Rd.<br>Dayton, OH 45342<br>(937)866.0711<br>www.barlock.com<br>www.daytonsuperior.com |
| S-1 | 93911 | Barsplicer, Grade 60 | Threaded mechanical connector | 3/15 | 3/20 | Barsplice Products, Inc.<br>4900 Webster St.<br>Dayton OH 45414<br>(937) 275-8700<br>(937) 275-9566 – Fax<br>www.barsplice.com |
| S-1 | 12726 | Double Barrel Zap Screwlok System | | 5/12 | 5/17 | Barsplice Products, Inc.<br>4900 Webster St.<br>Dayton, OH 45414<br>(937) 275-8700<br>(937) 275-9566 – Fax<br>www.barsplice.com |
| S-1 | 07125 | Griptec | | 8/08 | 8/13 | Dextra America<br>(1405 Fraser St., Suite F3)<br>P.O. Box 28306<br>Bellingham WA 98228<br>(877) 327-0800 |

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|---|---|---|---|---|---|---|
| S-1 | 14031 | HRC 400 Series Coupler | | 5/15 | 5/20 | Headed Reinforcement Corporation (HRC)<br>11200 Condor Ave<br>Fountain Valley, CA 92708<br>(714) 852-1333<br>www.hrc-usa.com |
| S-1 | 99902 | Lenton Couplers | Mechanical splicers | 5/15 | 5/20 | ERICO International Corporation<br>34600 Solon Road<br>Solon, OH 44139<br>440-248-0100<br>www.erico.com |
| S-1 | 91904 | Quick Wedge | Rebar splicer | 5/15 | 5/20 | ERICO International Corporation<br>34600 Solon Road<br>Solon, OH 44139<br>440-248-0100<br>www.erico.com |
| S-1 | 93917 | Standard Lok Splice System | Threaded mechanical splice | 9/09 | 9/14 | Meadow-Burke<br>7000 Will Rogers Blvd.<br>Fort Worth TX 76140<br>(800) 727-3227 |
| S-1 | 08052 | Taper Lock Threaded Rebar Coupler | | 5/11 | 5/16 | Dayton Superior<br>7777 Washington Village Dr.<br>Suite 130<br>Dayton OH 45459<br>(937) 428-6360<br>www.daytonsuperior.com |
| S-1 | 02117 | Taper Threaded Grip-Twist | | 3/15 | 3/20 | Barsplice Products, Inc.<br>4900 Webster St.<br>Dayton OH 45414<br>(937) 275-8700<br>(937) 275-9566 – Fax<br>www.barsplice.com |
| S-1 | 97908 | ZAP Screwlok Couplers | Mechanical connection system | 3/15 | 3/20 | Barsplice Products, Inc.<br>4900 Webster St.<br>Dayton OH 45414<br>(937) 275-8700<br>(937) 275-9566 – Fax<br>www.barsplice.com |
| S-1 | 06049 | Zap Screwlok 'SL' System | | 5/12 | 5/17 | Barsplice Products, Inc.<br>4900 Webster St.<br>Dayton OH 45414<br>(937) 275-8700<br>(937) 275-9566 – Fax<br>www.barsplice.com |
| S-1 | 10116 | Zap Screwlock Epoxy Series | | 12/11 | 12/16 | Barsplice Products, Inc.<br>4900 Webster St.<br>Dayton OH 45414<br>(937) 275-8700<br>(937) 275-9566 – Fax<br>www.barsplice.com |

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| S-1 | 14024 | NMB Splice-Sleeve | | 3/15 | 3/20 | Splice Sleeve North America, Inc.<br>38777 West Six Mile Road, Suite 205<br>Livonia, MI 48152<br>734-838-0420<br>www.splicesleeve.com |

**Category: T – Paints for Structural Steel and Other Metallic Surfaces**

| | T-1 – Alkyd (Solvent Based)<br>ADOT Specifications: Standard and Stored Specification 1002<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| T-1 | 09072 | 662/663 Utility Shop Primer | | 9/09 | 9/14 | Frazee Industries, Inc.<br>6625 Miramar Road<br>San Diego CA 92121<br>(858) 626-3600<br>(602) 244-2715 – Fax<br>www.frazee.com |

| | T-2 – Water Based<br>ADOT Specifications: Standard and Stored Specification 1002<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| T-2 | 96-31 | 90-Series Direct-to-Metal (DTM) Primer/ Finish | 3 coat primer/finish, 2 mils Dry Film Thickness (DFT) each | 5/15 | 5/20 | PPG Industries, Inc.<br>5500 Corporate Dr., Suite 5500<br>Pittsburgh PA 15237<br>(800) 441-9695<br>http://www.pittsburghpaints.com |
| T-2 | 96-32 | 90-474 Series DTM Satin | 1 coat primer/finish, 2 mils DFT,<br>2 coats satin topcoat, 2 mils DFT each | 5/15 | 5/20 | PPG Industries, Inc.<br>5500 Corporate Dr., Suite 5500<br>Pittsburgh PA 15237<br>(800) 441-9695<br>http://www.pittsburghpaints.com |
| T-2 | 09071 | 124 Mirro Glide Semi Gloss | | 2/12 | 2/17 | Frazee Industries, Inc.<br>6625 Miramar Rd.<br>San Diego, CA 92121<br>(602) 647-5084<br>www.frazee.com |
| T-2 | 11159 | 219 Acrikote 100% Acrylic Ext Flat Paint | | 2/12 | 2/17 | Frazee Industries, Inc.<br>6625 Miramar Rd.<br>San Diego, CA 92121<br>(602) 647-5084<br>www.frazee.com |

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| T-2 | 99-19<br>98077 | Acrylic Metal Primer #561 | Fast drying interior/exterior acrylic metal primer. | 8/11 | 8/16 | Frazee Industries, Inc.<br>2131 E. Jackson St.<br>Phoenix AZ 85034<br>(602) 275-5444<br>(602) 244-2715 – Fax<br>www.frazee.com |
| T-2 | 96-03 | TriCom Hydro-Acrylic Paint System | | 1/12 | 1/17 | TriCom Coatings, Inc.<br>2639 N. 31st Ave.<br>Phoenix AZ 85009<br>(602) 243-3293<br>(602) 268-6801 – Fax<br>www.tricomcoatings.com |
| T-2 | 01-06<br>01022 | Glidden Professional Ultra Hide 150 Exterior Flat Paint | | 12/11 | 12/16 | Glidden Professional<br>725 S. Madison<br>Tempe, AZ 85281<br>(480) 784-4000<br>www.gliddenprofessional.com |
| T-2 | 01-05<br>01023 | Glidden Professional Speed – Coat Exterior Flat Paint | | 12/11 | 12/16 | Glidden Professional<br>725 S. Madison<br>Tempe, AZ 85281<br>(480) 784-4000<br>www.gliddenprofessional.com |
| T-2 | 10037 | Hydropox Pro, DTM Acrylic #701 | | 12/13 | 12/18 | TriCom Coatings, Inc.<br>2639 N. 31st Ave.<br>Phoenix AZ 85009<br>(602) 243-3293<br>(602) 268-6801 – Fax<br>www.tricomcoatings.com |
| T-2 | 96906 | Sherwin-Williams DTM Acrylic 2-Part Coating System | | 7/13 | 7/18 | The Sherwin-Williams Co.<br>15484 College Blvd.<br>Lenexa, KS 66219<br>(913) 381-6346<br>www.sherwin-williams.com |
| T-2 | 99-19<br>98078 | Topcoat DTM #540 | Urethane modified 100% acrylic interior/exterior industrial glass finish. | 8/11 | 8/16 | Frazee Industries, Inc.<br>2131 E. Jackson<br>Phoenix AZ 85034<br>(602) 275-5444<br>(602) 244-2715 - Fax |

**Category: U – Testing and Construction Equipment**

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|---|---|---|---|---|---|---|
| | U-1 – Capping Compounds<br>ADOT Specifications: ASTM C617 & C109<br>ADOT Drawings: None<br>Responsible Section: Materials Group | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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|---|---|---|---|---|---|---|
| U-1 | 85902 | Basolit Sulfur Cement No. 600 | Sulfur based capping compound. Compressive strength test | 6/15 | 6/20 | Sauereisen Inc.<br>160 Gamma Drive<br>Pittsburgh PA 15238<br>(412) 963-0303 |
| U-1 | 09068 | Hi-Cap Capping Compound LA-0150 | | 12/11 | 12/16 | Forney, LLC<br>310 Seven Fields Blvd., Suite 360<br>Seven Fields, PA 16046<br>www.forneyonline.com |

U-2 – Plastic Cylinder Molds
ADOT Specifications: AASHTO M205
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| U-2 | 78902 | Disposable Plastic Cylinder Molds | Compressive strength test | 7/13 | 7/18 | M.A. Industries, Inc.<br>P.O. Box 2322<br>Peachtree City, GA 30269<br>(770) 487-7761<br>www.maind.com |
| U-2 | 85905 | Disposable Plastic Cylinder Molds | Compressive strength test | 7/13 | 7/18 | Jatco, Inc.<br>725 Zwissig Way<br>Union City CA 94587<br>(800) 445-2826 |
| U-2 | 90-60 | On-Spec Plastic Cylinder Molds | Compressive strength test | 9/09 | 9/14 | On-Spec Manufacturing Co.<br>1020 S. Bolton St.<br>Jacksonville TX 75766<br>(800) 456-7285<br>www.onspecmanufacturing.com |

U-3 – Reusable Cylinder Mold
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| U-3 | | | | | | |

U-4 – Tools
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Materials Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
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|---|---|---|---|---|---|---|
| U-4 | | | | | | |

**Category: V – Traffic Control Materials**

| | V-1 – Attenuation Device – Impact Attenuators<br>ADOT Specifications: 702-2.02<br>ADOT Drawings: None<br>Responsible Section: Roadway Support/Traffic Group<br><br>*These products may be used for permanent installations only as indicated on the project plans. Products listed on the APL may not be substituted for those specified on the project plans without the written approval of the project design engineer and the District Engineer. | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-1 | 93014 | ADIEM | NCHRP 350 TL3 compliant | 7/13 | 7/18 | Trinity Highway Products, Inc.<br>950 W. 400 S.<br>Centerville, UT 84014<br>(800) 772-7976<br>http://www.highwayguardrail.com/ |
| V-1 | 03023<br>05042 | FASTRACC | NCHRP 350 TL3 compliant<br>Approval from the Assistant State Engineer, Roadway Engineering Group is required prior to using this product | 2/11 | 2/16 | Trinity Highway Products, Inc.<br>950 W. 400 S.<br>Centerville, UT 84014<br>(800) 772-7976<br>http://www.highwayguardrail.com/ |
| V-1 | 08037 | HEART Impact Attenuator | | 3/10 | 3/15 | Trinity Highway Products, Inc.<br>950 W. 400 S.<br>Centerville, UT 84014<br>(800) 772-7976<br>http://www.highwayguardrail.com/ |
| V-1 | 96119 | NEAT TL-2 | NCHRP 350 TL2 compliant | 4/15 | 4/20 | Energy Absorption Systems, Inc.<br>70 W Madison Street, Suite 2350<br>Chicago IL 60601<br>800-770-6755<br>888-323-6374– Fax<br>http://www.energyabsorption.com/ |

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|---|---|---|---|---|---|---|
| V-1 | 96043 | QuadGuard | NCHRP 350 TL3 compliant | 4/15 | 4/20 | Energy Absorption Systems, Inc.<br>70 W Madison Street, Suite 2350<br>Chicago IL 60601<br>800-770-6755<br>888-323-6374– Fax<br>http://www.energyabsorption.com/ |
| V-1 | 14059 | QuadGuard II | | 6/15 | 6/20 | Energy Absorption Systems, Inc.<br>70 W. Madison Street, Suite 2350<br>Chicago, IL 60602<br>312-467-6750<br>www.energyabsorption.com |
| V-1 | 11110 | QuadGuard Elite | Narrow (24", 30", 36") and Wide Systems | 6/12 | 6/17 | Energy Absorption Systems, Inc.<br>70 W Madison Street, Suite 2350<br>Chicago IL 60601<br>(312) 467-6750<br>(312) 467-1356 – Fax<br>http://www.energyabsorption.com/ |
| V-1 | 97077 | QuadGuard Wide 69" & 90" | NCHRP 350 TL3 compliant | 4/15 | 4/20 | Energy Absorption Systems, Inc.<br>70 W Madison Street, Suite 2350<br>Chicago IL 60601<br>800-770-6755<br>888-323-6374– Fax<br>http://www.energyabsorption.com/ |
| V-1 | 07015 | SCI 70 GM Smart Cushion | NCHRP 350 TL2 Compliant | 2/13 | 2/18 | Work Area Protection<br>2500 Production Drive<br>St. Charles, IL 60174<br>(800) 327-4417 |
| V-1 | 04010 | SCI 100 GM Smart Cushion | NCHRP 350 TL3 compliant. May be specified as a sole source when meeting the criteria in the July 9, 2009 Crash Cushion Selection procedure.<br>http://www.azdot.gov/docs/default-source/roadway-engineering-library/crash-cusion-selection-procedure.pdf | 9/11 | 9/16 | Work Area Protection<br>2500 Production Drive<br>St. Charles, IL 60174<br>(800) 327-4417 |
| V-1 | 03022<br>05042 | SHORTRACC | NCHRP 350 TL2 compliant | 2/11 | 2/16 | Trinity Highway Products, Inc.<br>950 W. 400 S.<br>Centerville, UT 84014<br>(800) 772-7976<br>http://www.highwayguardrail.com/ |
| V-1 | 98112<br>05042 | TRACC | NCHRP 350 TL3 compliant | 2/11 | 2/16 | Trinity Highway Products, Inc.<br>950 W. 400 S.<br>Centerville, UT 84014<br>(800) 772-7976<br>http://www.highwayguardrail.com/ |
| V-1 | 03006<br>05042 | WideTRACC | NCHRP 350 TL3 compliant | 2/11 | 2/16 | Trinity Highway Products, Inc.<br>950 W. 400 S.<br>Centerville, UT 84014<br>(800) 772-7976<br>http://www.highwayguardrail.com/ |

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| V-1 | 11127 | Universal TAU II | | 12/11 | 12/16 | Barrier Systems, Inc.<br>3333 Vaca Valley Pkwy Suite 800<br>Vacaville, CA 95688<br>(707) 374-3151<br>www.barriersystemsinc.com |
| V-1 | 14012 | Universal TAU-II-R | | 6/15 | 6/20 | Lindsay Transportation Solutions / Barrier Systems.<br>180 River Road<br>Rio Vista, CA 94571<br>707-374-6800<br>www.barriersystemsinc.com |

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| | V-2 – Attenuation Device – Guardrail End Terminals<br>ADOT Specifications: 905<br>ADOT Drawings: See Mfr. Approved Drawings ( http://www.azdot.gov/business/engineering-and-construction/roadway-engineering/roadway-design-standards-and-guidelines/guardrail-barrier-and-transition-design-information )<br>Responsible Section: Roadway Support<br>Note: Product must be shown on project plans in order to be used. | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-2 | 98040 | FLEAT-350 | NCHRP 350 TL3 compliant | 6/11 | 6/16 | Road Systems, Inc.<br>3616 Howard County Airport Rd.<br>Big Spring TX 79720<br>(432) 263-2435<br>www.roadsystems.com |
| V-2 | 98086<br>11084 | SKT-350 | Meets NCHRP 350 TL3 requirements.<br>Concrete Paving<br>Asphalt Paving | 3/14<br>6/11 | 3/19<br>6/16 | Road Systems, Inc.<br>2516 Mallory Lane<br>Stow OH 44224<br>(330) 346-0721<br>(330) 346-0722 – Fax<br>www.roadsystems.com |
| V-2 | 01052 | SRT-350 HBA System | NCHRP 350 TL3 compliant | 5/11 | 5/16 | Trinity Highway Products, Inc.<br>950 W. 400 S.<br>Centerville, UT 84014<br>(800) 772-7976<br>http://www.highwayguardrail.com/ |
| V-2 | 13046 | X-LITE Guardrail End Terminal | | 11/14 | 11/19 | Lindsay Transportation Solutions/Barrier Systems<br>180 River Road<br>Rio Vista, CA 94571<br>(707) 374-6800<br>www.barriersystemsinc.com |

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| | V-3 – Attenuation Device – Sand Barrels<br>ADOT Specifications: 702<br>ADOT Drawings: 4-C-1.03<br>Responsible Section: Traffic Group | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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|---|---|---|---|---|---|---|
| V-3 | 06109 | CrashGard | NCHRP 350 TL3 compliant | 10/12 | 10/17 | Plastic Safety Systems, Inc<br>2444 Baldwin Road<br>Cleveland OH 44104<br>1-800-662-6338<br>www.plasticsafety.com |
| V-3 | 12744 | Energite III | NCHRP 350 TL3 compliant | 11/11 | 11/16 | Energy Absorption Systems, Inc.<br>70 West Madison Street, Suite 2350<br>Chicago, IL 60602<br>(888) 323-6374<br>http://www.energyabsorption.com/ |
| V-3 | 92060 | Fitch Universal Module | NCHRP 350 TL3 compliant | 11/11 | 11/16 | Energy Absorption Systems, Inc.<br>70 West Madison Street, Suite 2350<br>Chicago, IL 60602<br>(888) 323-6374<br>http://www.energyabsorption.com/ |
| V-3 | 98079 | Traffix Sand Barrel System – SBS | NCHRP 350 TL3 compliant<br>Also named: TrafFix Big Sandy Impact Attenuator Sand Barrel | 5/15 | 5/20 | TrafFix Devices, Inc.<br>160 Avenida La Pata<br>San Clemente CA 92673<br>(949) 361-5663<br>(949) 361-9205 – Fax<br>www.traffixdevices.com |

| | V-4A – Channelizing Devices – Longitudinal Barriers–Test Level 3<br>ADOT Specifications: 702<br>ADOT Drawings: None<br>Responsible Section: Roadway Support/Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-4A | 06001 | Brifen Wire Rope Safety Fence (WRGT/WRGT-RD End Anchor Terminals) | NCHRP 350 TL3 compliant | 9/11 | 9/16 | Brifen USA, Inc.<br>12501 N. Santa Fe Ave.<br>Oklahoma City OK 73114<br>405-751-8062<br>405-751-8338 – Fax<br>www.brifenusa.com |
| V-4A | 03024 | Brifen Wire Rope Safety Fence (WRSF), 4-Wire System | NCHRP 350 TL3 compliant | 9/09 | 9/14 | Brifen USA, Inc.<br>12501 N. Santa Fe Ave.<br>Oklahoma City OK 73114<br>405-751-8062<br>405-751-8338 – Fax<br>www.brifenusa.com |
| V-4A | 06003 | Brifen Wire Rope Safety Fence (WRSF), 3-Wire System | NCHRP 350 TL3 compliant | 9/11 | 9/16 | Brifen USA, Inc.<br>12501 N. Santa Fe Ave.<br>Oklahoma City OK 73114<br>405-751-8062<br>405-751-8338 – Fax<br>www.brifenusa.com |
| V-4A | 10031 | Cass S3 TL-3 Cable Guardral Safety System | NCHRP 350 TL3 compliant on slopes 4:1 or flatter. | 11/10 | 11/15 | Trinity Highway Products, Inc.<br>950 W. 400 S.<br>Centerville, UT 84014<br>(800) 772-7976<br>http://www.highwayguardrail.com/ |

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|---|---|---|---|---|---|---|
| V-4A | 03047 | CASS, 3-Wire System | NCHRP 350 TL3 compliant<br>Only C-post system is approved | 7/13 | 7/18 | Trinity Highway Products, Inc.<br>950 W. 400 S.<br>Centerville, UT 84014<br>(800) 772-7976<br>http://www.highwayguardrail.com/ |
| V-4A | 05045 | Gibraltar Cable Barrier System, 3-Wire System | NCHRP 350 TL3 compliant | 1/11 | 1/16 | Gibraltar<br>320 Southland Road<br>Burnet TX 78611<br>(800) 495-8957 |
| V-4A | 07100 | Safence 350 4RC | Also approved: Safence Terminal | 3/10 | 3/15 | Safence by Gregory Industries<br>4100 13th Street, SW<br>Canton OH 44710<br>(330) 477-4800 |

| | V-4B – Channelizing Devices – Longitudinal Barriers–Test Level 4<br>ADOT Specifications: 702<br>ADOT Drawings: None<br>Responsible Section: Roadway Support/Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-4B | 06004 | Brifen Wire Rope Safety Fence (WRSF), 4-Wire System | NCHRP 350 TL4 compliant | 9/11 | 9/16 | Brifen USA, Inc.<br>12501 N. Santa Fe Ave.<br>Oklahoma City OK 73114<br>405-751-8062<br>405-751-8338 - Fax |
| V-4B | 10031 | Cass S3 TL-3 Cable Guardral Safety System | NCHRP TL4 compliant when used on slopes 6:1 or flatter. | 11/10 | 11/15 | Trinity Highway Products, Inc.<br>950 W. 400 S.<br>Centerville, UT 84014<br>(800) 772-7976<br>http://www.highwayguardrail.com/ |
| V-4B | 05045 | Gibraltar Cable Barrier System, 3-Wire System | NCHRP 350 TL4 compliant | 1/11 | 1/16 | Gibraltar<br>320 Southland Road<br>Burnet TX 78611<br>(800) 495-8957 |

| | V-4C – Channelizing Devices – Longitudinal Barriers–Median Barrier Gates<br>ADOT Specifications: 702<br>ADOT Drawings: None<br>Responsible Section: Roadway Support/Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-4C | 01116 | BarrierGate | NCHRP 350 TL3 compliant | 4/15 | 4/20 | Energy Absorption Systems, Inc.<br>70 West Madison Street, Suite 2350<br>Chicago IL 60602<br>800-770-6755<br>888-323-6374– Fax<br>http://www.energyabsorption.com/ |

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| V-4C | 04062 | Safeguard Gate | NCHRP 350 TL3 compliant | 10/11 | 10/16 | Barrier Systems, Inc.<br>3333 Vaca Valley Pkwy, Suite 800<br>Vacaville, CA 95688<br>(707) 374-6800<br>(707) 374-6801-Fax |
| V-4C | 07126 | Vulcan Barrier | NCHRP 350 TL3 compliant | 3/09 | 3/14 | Energy Absorption Systems, Inc.<br>35 East Wacker Drive, Suite 1100<br>Chicago IL 60601<br>(312) 467-6750<br>(312) 467-1356 – Fax<br>http://www.energyabsorption.com/ |

| | V-4D – Channelizing Devices – Longitudinal Barriers–Miscellaneous<br>ADOT Specifications: 702<br>ADOT Drawings: None<br>Responsible Section: Roadway Support/Materials/Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-4D | 08024 | King Block | | 9/11 | 9/16 | Trinity Highway Products, Inc.<br>950 W. 400 S.<br>Centerville, UT 84014<br>(800) 772-7976<br>http://www.highwayguardrail.com/ |
| V-4D | 08025 | P-Block Series | | 9/10 | 9/15 | Monroeville Industrial Molding, Inc.<br>75 Ontario Street<br>Norwalk OH 44857<br>(419) 668-1820<br>(419) 668-3683 - Fax |

| | V-6A – Channelizing Devices – Flexible Delineators – Surface Mount<br>ADOT Specifications: Stored Spec. 703<br>ADOT Drawings: M-26<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-6A | 06044 | Flexi-Guide FG 300 | | 9/10 | 9/15 | Pexco LLC/Davidson Traffic Control Products<br>3110 70th Avenue East<br>Tacoma, Washington 98424<br>(253) 284-8000<br>www.davidsontraffic.com |
| V-6A | 08064 | Shur-Flex Surface Mount Delineator | | 4/15 | 4/20 | SHUR-TITE Products<br>P.O. Box 2283<br>Round Rock TX 78680<br>(512) 218-9500<br>http://www.shur-tite.com |
| Note: (1) NTPEP or Arizona testing (conducted periodically). NTPEP report implying 75% survivability. | | | | | | |

| | V-6B – Channelizing Devices – Flexible Delineators – Driveable<br>ADOT Specifications:<br>ADOT Drawings: See M-26 Drawing at http://www.azdot.gov/business/engineering-and-construction/traffic/signing-and-marking-standard-drawings<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-6B | 08032 | Shur-Flex Driveable Delineator | | 4/15 | 4/20 | SHUR-TITE Products<br>P.O. Box 2283<br>Round Rock TX 78680<br>(512) 218-9500<br>http://www.shur-tite.com |
| V-6B | 09108 | FG 300 | Driveable mount. | 4/11 | 4/16 | Pexco LLC/Davidson Traffic Control Products<br>3110 70th Avenue East<br>Tacoma WA 98424-3608<br>(877) 335-4638<br>www.davidsontraffic.com |
| Note: (1) NTPEP or Arizona testing (conducted periodically). NTPEP report implying 75% survivability. | | | | | | |

| | V-9 – Channelizing Devices – Markers for Concrete Barrier – Hard Plastic Prismatic Reflector Types<br>ADOT Specifications: None<br>ADOT Drawings: M32<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-9 | 12723 | Astro Optics JD 11 Delineators | | 4/13 | 4/18 | Astro Optics Corporation<br>1200 Abbott Drive<br>Elgin, Illinois 60123<br>(847) 488-9151<br>(847) 488-9154– Fax |

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|---|---|---|---|---|---|---|
| V-9 | 12745 | Stimsonite 965 | | 5/08 | 5/13 | Ennis Traffic Safety Solutions dba Ennis Paint<br>1509 S Kaufman<br>Ennis TX 75119<br>(800) 331-8118<br>(800) 555-0217 - Fax |

| | V-9A – Channelizing Devices – Markers for Concrete Barrier and Guardrail – "L-Shape" Semi-Flexible Plastic Types<br>ADOT Specifications: None<br>ADOT Drawings: M32<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-9A | 12724 | Astro Optics FB 33 | | 4/13 | 4/18 | Astro Optics Corporation<br>1200 Abbott Drive<br>Elgin, Illinois 60123<br>(847) 488-9151<br>(847) 488-9154– Fax |
| V-9A | 12725 | Astro Optics FB 34 | Use below 3500 ft. elevation. | 4/13 | 4/18 | Astro Optics Corporation<br>1200 Abbott Drive<br>Elgin, Illinois 60123<br>(847) 488-9151<br>(847) 488-9154– Fax |
| V-9A | 92069 | PCBM-12 | Use below 3500-ft. elevation. | 1/11 | 1/16 | Pexco LLC/Davidson Traffic Control Products<br>3110 70th Avenue East<br>Tacoma WA 98424-3608<br>(877) 335-4638<br>(253) 284-8080 – Fax<br>www.davidsontraffic.com |
| V-9A | 12786 | PCBM-9 | | 4/13 | 4/18 | Pexco LLC/Davidson Traffic Control Products<br>3110 70th Avenue East<br>Tacoma WA 98424-3608<br>(877) 335-4638<br>(253) 284-8080 – Fax<br>www.davidsontraffic.com |
| V-9A | 02115 | TD 9400 Roadguide | | 5/12 | 5/17 | Three D Traffic Works<br>430 North Varney Street<br>Burbank CA 91502<br>(877) 843-9757<br>(818) 841-5096 – Fax<br>www.trafficwks.com |
| V-9A | 02095 | TD 9304 Roadguide and Concrete Barrier Marker | | 5/12 | 5/17 | Three D Traffic Works<br>430 North Varney Street<br>Burbank CA 91502<br>(877) 843-9757<br>(818) 841-5096 – Fax<br>www.trafficwks.com |

| | V-9B – Channelizing Devices – Markers for Concrete Barrier and Guardrail – "T-Shape" Hinged Types<br>ADOT Specifications: None<br>ADOT Drawings: M32<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-9B | 01122 | Astro Optics Flexi-Tab (FT) Barrier Marker | | 1/14 | 1/19 | Astro Optics Corporation<br>5100 W. Brown Deer Road<br>Brown Deer, WI 53223<br>(847) 488-9151<br>(888) 312-8262– Fax |
| V-9B | 03087 | BAM | Product is approved for use with reflective sheeting only. The version with a prismatic reflector is not approved for use. | 5/12 | 5/17 | Plastic Safety Systems, Inc.<br>2444 Baldwin Road<br>Cleveland OH 44104<br>(800) 662-6338<br>(216) 231-2702 - Fax<br>http://www.plasticsafety.com/ |

| | V-9C – Channelizing Devices – Longitudinal Reflective Material for Concrete Barrier and Guardrail<br>ADOT Specifications: None<br>ADOT Drawings: M32<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-9C | 02036 | Linear Delineation System (LDS) | | 4/15 | 4/20 | 3M Traffic Safety Systems Division<br>3M Center Bldg. 225-5S-08<br>St. Paul MN 55144-1000<br>(800) 553-1380<br>http://www.3m.com/US/ |

| | V-10C – Channelizing Devices – Markers for Guardrail, Flexible<br>ADOT Specifications: None<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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| V-10C | 91056 | Straight Guardrail Reflectors | White and yellow colors, 13” long by 3” wide | 1/11 | 1/16 | Pexco LLC/Davidson Traffic Control Products<br>3110 70th Avenue East<br>Tacoma WA 98424-3608<br>(877) 335-4638<br>(253) 284-8080 – Fax<br>www.davidsontraffic.com |
| V-10C | 92902 | Guardrail Delineators | White and yellow colors, 27” long by 3” wide | 1/12 | 1/17 | Carsonite Composites<br>19845 US Highway 76<br>Newberry, SC 29108<br>(800) 648-7916<br>http://www.carsonite.com/ |
| V-10C | 92902 | Flexstake GR102.5 | White and yellow colors, 30” long by 3” wide | 1/11 | 1/16 | Flexstake, Inc.<br>2150 Andrea Lane<br>Fort Myers FL 33912<br>(800) 348-9839<br>(941) 482-3539 – Fax<br>http://www.flexstake.com |
| V-10C | 92902 | GRD-2-27 Single Curve | White and yellow colors, 27” long by 3.75” wide | 1/12 | 1/17 | Carsonite Composites<br>19845 US Highway 76<br>Newberry, SC 29108<br>(800) 648-7916<br>http://www.carsonite.com/ |
| V-10C | 07029 | NDM 27" Guardrail Marker | | 10/12 | 10/17 | New Direction Manufacturing, Inc<br>8912 N. Fork Drive<br>North Fort Meyers FL 33903<br>239-464-6591<br>www.ndm-inc.com |
| V-10C | 09069 | SHUR-TITE Clamp Mount Delineator (#SF2751) | | 9/10 | 9/15 | SHUR-TITE Products<br>P.O. Box 2283<br>Round Rock TX 78680<br>(512) 218-9500<br>(512) 388-0417 - Fax |
| V-10C | 09070 | SHUR-TITE Flat Mount Delineator (#SF2752) | | 9/10 | 9/15 | SHUR-TITE Products<br>P.O. Box 2283<br>Round Rock TX 78680<br>(512) 218-9500<br>(512) 388-0417 - Fax |
| V-10C | 02109 | TD 9100 Guardflex | Used as a channelizing device - marker for guardrails and a bridge marker. | 1/11 | 1/16 | Three D Traffic Works<br>430 N. Varney Street<br>Burbank CA 91502<br>(877) 843-9757<br>(818) 841-5096 – Fax<br>www.trafficwks.com |

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| | V-10M – Channelizing Devices – Snow Pole<br>ADOT Specifications: None<br>ADOT Drawings: M-26<br>Responsible Section: Traffic Group | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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|---|---|---|---|---|---|---|
| V-10M | 92908 | Flexstake Snow Tube | 2.5" diameter by 72" long | 1/11 | 1/16 | Flexstake, Inc.<br>2150 Andrea Lane<br>Fort Myers FL 33912<br>(800) 348-9839<br>(941) 482-3539 – Fax<br>http://www.flexstake.com |
| V-10M | 13042 | Shur-Flex Snow Pole "Tall Boy" Guide Post | | 6/14 | 6/19 | SHUR-TITE Products<br>P.O. Box 2283<br>Round Rock, TX 78680<br>(512) 218-9500<br>www.shur-tite.com |

| | V-14A – Pavement Marking – Adhesive for Raised Pavement Markers, Bituminous–Standard<br>ADOT Specifications: 706-2.05 & Materials Group Specifications<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-14A | 12734 | Crafco 34269 | | 4/11 | 4/16 | Crafco, Inc.<br>420 N. Roosevelt Avenue<br>Chandler AZ 85226<br>(800) 528-8242<br>(480) 961-0513 – Fax |
| V-14A | 05040 | Dot Stick Bituminous Marker Adhesive | | 9/09 | 9/14 | Henry Company<br>10144 Waterman Rd.<br>Elk Grove CA 95624<br>(916) 849-9908<br>(916) 714-4582 – Fax |
| V-14A | 97049 | Evergrip Bituminous Marker Adhesive | | 5/13 | 5/18 | Martin Asphalt Company<br>300 Christy Place<br>South Houston TX 77587<br>(713) 941-4410 |
| V-14A | 12748 | Stimsonite 2202031 | | 8/09 | 8/14 | Ennis Traffic Safety Solutions dba Ennis Paint<br>1509 S Kaufman<br>Ennis TX 75119<br>(800) 331-8118<br>(972) 878-0685 – Fax |

| | V-14B – Pavement Marking – Adhesive for Raised Pavement Markers, Melt-In-Place Thermoplastic<br>ADOT Specifications: 706-2.05 & Materials Group Specifications<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-14B | 12754 | Flint Trading Bundy | | 5/11 | 5/16 | Flint Trading, Inc. (dba Ennis-Flint)<br>115 Todd Court<br>Thomasville, NC 27360<br>(336)475-6600<br>www.flinttrading.com |

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|---|---|---|---|---|---|---|
| V-14B | 01118 | PreMark® | Adhesive for RPM's | 9/09 | 9/14 | Flint Trading, Inc. (dba Ennis-Flint)<br>115 Todd Court<br>Thomasville, NC 27360<br>(336)475-6600<br>www.flinttrading.com |

Note: (1) This adhesive is not suitable for large quantity installations of raised pavement markers (RPMs) where a high degree of production is needed. It is intended to be used when there is only a small number of RPMs to be installed and/or for minor repair and maintenance work. In performance it appears to be an equal to bituminous adhesive.
(2) Before melt-in-place RPM adhesive can be accepted as an equal to those adhesive products listed here in, it must pass a two-year in service road test on a site specified by TCPEC (e.g. westbound I-10 at Deck Tunnel). The tested adhesives must retain the RPMs to the pavement surface for the duration of the test. The required test period of two years may be made longer by TCPEC based on the results of on going tests.
(3) Accelerated acceptance of new adhesives is possible after one year of successful performance on the approved TCPEC test deck and if the new adhesive has also been similarly tested and approved by other agencies (e.g. Texas, California).

V-14C – Pavement Marking – Adhesive for Raised Pavement Markers, Epoxy
ADOT Specifications: 706-2.05 & Materials Group Specifications
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-14C | 01079 | Structurbond Resin with 550 Hardener | | 8/12 | 8/17 | United Resin Corporation<br>2942 N. Greenfield Rd.<br>Suite 149<br>Mesa, AZ 85215 (480) 830-3200<br>(480) 830-9151 – Fax<br>www.unitedresin.com |

V-14D – Pavement Marking – Adhesive for Raised Pavement Markers, Bituminous–Flexible
ADOT Specifications: 706-2.05 & Materials Group Specifications
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-14D | 05037 | Flexible Dot Stick | | 9/09 | 9/14 | Henry Company<br>10144 Waterman Rd.<br>Elk Grove CA 95624<br>(916) 849-9908<br>(916) 714-4582 – Fax |
| V-14D | 06016 | Hot-Applied Flexible Pavement Marker Adhesive | | 5/15 | 5/20 | Crafco Inc.<br>420 N. Roosevelt Ave.<br>Chandler AZ 85226<br>(602) 276-0406 ext 2412<br>(480) 961-4772 – Fax |

V-16 – Pavement Marking – Chip Seal Pavement Markers
ADOT Specifications: 701-2.08
ADOT Drawings: M20
Responsible Section: Traffic Group

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2015****
**IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV**

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-16 | 98071 | APEX Model 932<br>TSI 4 | Temporary chip seal markers. | 5/15 | 5/20 | APEX Universal, Inc.<br>11033 Forest Place<br>Santa Fe Springs CA 90670<br>(562) 944-8878<br>(562) 944-2298 – Fax |
| V-16 | 93908 | Dapco TRPM,<br>WZ Dbl. Cap | Work zone grade with double cover.<br>Yellow 2-way and White 1-way | 1/11 | 1/16 | Pexco LLC/Davidson Traffic Control Products<br>3110 70th Avenue East<br>Tacoma WA 98424-3608<br>(877) 335-4638<br>(253) 284-8080 – Fax<br>www.davidsontraffic.com |
| V-16 | 93908 | Dapco TRPM,<br>WZ Dbl. Staple | Work zone grade with double staple.<br>Yellow 2-way and White 1-way | 1/11 | 1/16 | Pexco LLC/Davidson Traffic Control Products<br>3110 70th Avenue East<br>Tacoma WA 98424-3608<br>(877) 335-4638<br>(253) 284-8080 – Fax<br>www.davidsontraffic.com |
| V-16 | 93908 | Dapco TRPM,<br>WZ Standard | Standard work zone grade.<br>Yellow 2-way and White 1-way | 1/11 | 1/16 | Pexco LLC/Davidson Traffic Control Products<br>3110 70th Avenue East<br>Tacoma WA 98424-3608<br>(877) 335-4638<br>(253) 284-8080 – Fax<br>www.davidsontraffic.com |
| V-16 | 93908 | TRPM,<br>HH (High Heat)<br>Standard | High heat grade,<br>Yellow 2-way and White 1-way | 1/11 | 1/16 | Pexco LLC/Davidson Traffic Control Products<br>3110 70th Avenue East<br>Tacoma WA 98424-3608<br>(877) 335-4638<br>(253) 284-8080 – Fax<br>www.davidsontraffic.com |
| V-16 | 04081 | Chip Seal Pavement Markers | | 12/11 | 12/16 | Glowlite, Inc.<br>1861 West La Habra Blvd. #230<br>La Habra, CA 90631 |

| | V-17 – Pavement Marking – High Refractive Index Composite Particles<br>ADOT Specifications: 704<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-17 | | | | | | |

V-19 – Pavement Marking – Preformed Pavement Marking – Type IV (Permanent)
ADOT Specifications: 705-2.04
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-19 | 02021 | Flametape | Melt-in-place thermoplastic | 5/11 | 5/16 | Flint Trading, Inc. (dba Ennis-Flint)<br>115 Todd Court<br>Thomasville, NC 27360<br>(336)475-6600<br>www.flinttrading.com |
| V-19 | 91014 | Hot Tape | Melt-in-place. Preformed thermoplastic tape. | 2/13 | 2/18 | Flint Trading, Inc. (dba Ennis-Flint)<br>115 Todd Court<br>Thomasville NC 27360<br>(336) 475-6600<br>www.flinttrading.com |
| V-19 | 01118 | PreMark® | Melt-in-place thermoplastic | 9/09 | 9/14 | Flint Trading, Inc. (dba Ennis-Flint)<br>115 Todd Court<br>Thomasville NC 27360<br>(336) 475-6600<br>www.flinttrading.com |
| V-19 | 11121 | Swarco Preformed Thermoplastic - White | Conditional approval until new specification developed. | 7/13 | 7/18 | Swarco Industries, Inc.<br>270 Rutherford Lane<br>Columbia, TN 38401<br>(936) 271-4078<br>www.swarco.com/america |
| V-19 | 11122 | Swarco Preformed Thermoplastic - Yellow | | 3/13 | 3/18 | Swarco Industries, Inc.<br>270 Rutherford Lane<br>Columbia, TN 38401<br>(936) 271-4078<br>www.swarco.com/america |

V-19R – Pavement Marking – Preformed Pavement Marking – Type IV (Permanent) – Route Marking
ADOT Specifications: 705-2.04
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

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V-20A – Pavement Marking – Short-Line Preformed Pavement Marking – Type I (Permanent)
ADOT Specifications: 705-2.01
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-20A | 06037 | 3M Stamark Pavement Marking Tape Series 270 ES | 270 ES – white<br>271 ES – yellow | 12/11 | 12/16 | 3M Traffic Safety Systems Division<br>3M Center Bldg. 235-3A-09<br>St. Paul MN 55144-1000<br>(800) 553-1380<br>http://www.3m.com/ |
| V-20A | 93910 | ATM 300 | Meets the requirements of the proposed spec. Type I-A (general purpose) and Type I-B (high durability). | 4/15 | 4/20 | Advance Traffic Markings<br>P.O. Box H<br>Roanoke Rapids NC 27870<br>(252) 536-2574<br>www.trafficmarkings.com |
| V-20A | 03076 | ATM 400 | | 9/12 | 9/17 | Advance Traffic Markings<br>P.O. Box H<br>Roanoke Rapids NC 27870<br>(252) 536-2574<br>www.trafficmarkings.com |
| V-20A | 06047 | ATM 400+ Extended Life Marking Tape | | 9/12 | 9/17 | Advance Traffic Markings<br>P.O. Box H<br>Roanoke Rapids NC 27870<br>(252) 536-2574<br>www.trafficmarkings.com |
| V-20A | 92977 | Brite-Line 1000 | Meets the requirements of the proposed spec. Type I-A (general purpose) and Type I-B (high durability). | 7/13 | 7/18 | Brite-Line Technologies, Inc.<br>10660 E. 51st Ave<br>Denver, CO 80239<br>(720) 473-6217 |
| V-20A | 05055 | Brite-Line 5000 | | 9/11 | 9/16 | Brite-Line Technologies, Inc.<br>10660 E. 51st Ave<br>Denver, CO 80239<br>(720) 473-6217 |
| V-20A | 00050 | Director-60 Permanent Pavement Marking Tape | | 12/12 | 12/17 | Swarco<br>P.O. Box 89<br>Columbia TN 38402-0089<br>(931) 388-5900 |
| V-20A | 03120 | High Performance Tape Series 380I ES | Can also be included in Category V-21 | 3/13 | 3/18 | 3M Traffic Safety Systems Division<br>3M Center Bldg. 225-5S-08<br>St. Paul MN 55144-1000<br>(800) 553-1380<br>http://www.3m.com/US/ |
| V-20A | 10085 | ATM 400 HP White | | 12/11 | 12/16 | Advance Traffic Markings<br>Patch Rubber Road<br>Weldon, NC 27890<br>(252) 536-2574<br>www.trafficmarking.com |

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**IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV**

V-20B – Pavement Marking – Long-Line Preformed Pavement Marking – Type I (Permanent)
ADOT Specifications: 705-2.01
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-20B | 07107 | 3M Stamark High Performance Tape Series 390 | | 4/15 | 4/20 | 3M Traffic Safety Systems Division<br>3M Center Bldg. 225-5S-08<br>St. Paul MN 55144-1000<br>(800) 553-1380<br>http://www.3m.com/US/ |
| V-20B | 06037 | 3M Stamark Pavement Marking Tape Series 270 ES | 270 ES – white<br>271 ES – yellow | 12/11 | 12/16 | 3M Traffic Safety Systems Division<br>3M Center Bldg. 235-3A-09<br>St. Paul, MN 55144-1000<br>(800) 553-1380<br>http://www.3m.com/tss |
| V-20B | 13065 | Deltaline XRP | Conditional Approval extended until 12/2015 pending proper installation and retroreflectance readings. | 6/14 | 12/15 | Brite-Line Technologies, LLC<br>10660 East 51st Avenue<br>Denver, CO 80239<br>440-282-1226<br>www.brite-line.com |
| V-20B | 03120 | High Performance Tape Series 380I ES | Can also be included in Category V-21 | 3/13 | 3/18 | 3M Traffic Safety Systems Division<br>3M Center Bldg. 225-5S-08<br>St. Paul MN 55144-1000<br>(800) 553-1380<br>http://www.3m.com/US/ |

V-20P – Pavement Marking – Preformed Pavement Marking – Type I (Permanent) – Route Marking
ADOT Specifications: 705-2.01
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

V-20W – Pavement Marking – Preformed Pavement Marking – Type I (Permanent) – Wet Reflective
ADOT Specifications: 705-2.01
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|

| | | | | | | |
|---|---|---|---|---|---|---|
| V-20W | 08057 | 3M Stamark High Performance Wet Reflective Tape 380AW (white) & 381AW (yellow) | | 4/15 | 4/20 | 3M Traffic Safety Systems Division<br>3M Center Bldg. 225-5S-08<br>St. Paul MN 55144-1000<br>(800) 553-1380<br>http://www.3m.com/US/ |

| | V-21 – Pavement Marking – Preformed Pavement Marking – Type II (Temporary, Removable)<br>ADOT Specifications: 705-2.02<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-21 | 09053 | 3M Stamark Wet Reflective Removable Tape Series 710 | | 4/15 | 4/20 | 3M Traffic Safety Systems Division<br>3M Center Bldg. 225-5S-08<br>St. Paul MN 55144-1000<br>(800) 553-1380<br>http://www.3m.com/US/ |
| V-21 | 93909 | ATM 200 | | 4/15 | 4/20 | Advance Traffic Markings<br>P.O. Box H<br>Roanoke Rapids NC 27870<br>(252) 536-2574<br>www.trafficmarkings.com |
| V-21 | 12783 | Aztec | 102 – white<br>390 - yellow | 9/09 | 9/14 | P.B. Laminations, Inc.<br>2940 Mary Ave.<br>P.O. Box 440126<br>Brentwood MO 63144<br>(800) 366-2569<br>http://www.pblaminations.com/ |

| | V-22 – Pavement Marking – Preformed Pavement Marking – Type III (Temporary, Non-Removable)<br>ADOT Specifications: 705-2.03<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-22 | 12755 | Flex-O-Line 300 | | 6/15 | 6/20 | FOL Tape, LLC<br>2025 Hitzert Ct.<br>Fenton MO 63026<br>(888) 365-8273<br>(636) 343-1814 - Fax<br>www.foltape.com |
| V-22 | 01058 | Visa-line Temporary marking Tape (Type III – Non-removable) | | 3/13 | 3/18 | Swarco<br>270 Rutherford Lane<br>Columbia TN 38401<br>(931) 388-5900<br>http://www.swarco.com |

V-23 – Pavement Marking – Retroreflective Raised Pavement Markers (RRPM) - Permanent (Abrasion Resistant)
ADOT Specifications: 706
ADOT Drawings: M19
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-23 | 10026 | 921-AR Raised Pavement Marker | | 7/11 | 7/16 | Apex Universal<br>11033 Forest Place<br>Santa Fe Springs, CA 90670<br>(979) 234-5509<br>http://main.elc.net/traffic/ |
| V-23 | 12702 | 3M 290<br>All Types | | 3/13 | 3/18 | 3M Traffic Safety Systems Division<br>3M Center Bldg. 225-5S-08<br>St. Paul MN 55144-1000<br>(800) 553-1380<br>http://www.3m.com/US/ |
| V-23 | 03110 | C80 | | 5/13 | 5/18 | Ennis - Flint<br>115 Todd Court<br>Thomasville NC 27360<br>(336) 475-6600<br>http://www.ennisflint.com |
| V-23 | 01048 | C88 Raised Pavement Marker | This product is approved subject to the conditions of Note (3) below. | 5/13 | 5/18 | Ennis - Flint<br>115 Todd Court<br>Thomasville NC 27360<br>(336) 475-6600<br>http://www.ennisflint.com |
| V-23 | 01049 | Model 911 – Urethane Fill | Conditionally approved, subject to laboratory and field-testing. Final evaluation by 6/2003. | 5/13 | 5/18 | Ennis - Flint<br>115 Todd Court<br>Thomasville NC 27360<br>(336) 475-6600<br>http://www.ennisflint.com |
| V-23 | 08026 | Model 980 | | 9/11 | 9/16 | Ennis Paint Inc., dba Ennis Traffic Safety Solutions<br>PO Box 404<br>Ennis, TX 75120<br>(800) 331-8118<br>(800) 555-0217 - Fax |
| V-23 | 12795 | Ray-O-Lite AA-ARC II<br>All Types | CAUTION: The ARC II marker uses the same body as the Ray-O-Lite AA. All ARC II markers should be inspected to ensure that they have the “ARC II” markings on the side of the marker. | 1/12 | 1/17 | Rayolite<br>4500 N. Sam Houston Pkwy. W, Suite 120<br>Houston TX 77086<br>(800) 848-7025<br>(281) 583-1506 – Fax<br>www.rayolite.com |
| V-23 | 12796 | Ray-O-Lite 2002<br>All Types | CAUTION: For applications below 3800 feet this marker should only be used on PCCP. | 1/12 | 1/17 | Rayolite<br>4500 N. Sam Houston Pkwy. W, Suite 120<br>Houston TX 77086<br>(800) 848-7025<br>(281) 583-1506 – Fax<br>www.rayolite.com |

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|---|---|---|---|---|---|---|
| V-23 | 12746 | Stimsonite 911<br>All Types | CAUTION: The 911 marker uses the same body as the Stimsonite 88. All 911 markers should be inspected to ensure that the glass face has been applied to the reflecting surface. | 5/08 | 5/13 | Ennis Traffic Safety Solutions dba Ennis Paint<br>1509 S Kaufman<br>Ennis TX 75119<br>(800) 331-8118<br>(800) 555-0217 - Fax |
| V-23 | 12747 | Stimsonite 953<br>All Types | CAUTION: For applications below 3800 feet this marker should only be used on PCCP. | 5/08 | 5/13 | Ennis Traffic Safety Solutions dba Ennis Paint<br>1509 S Kaufman<br>Ennis TX 75119<br>(800) 331-8118<br>(800) 555-0217 - Fax |

Note: (1) Before a new abrasion resistant marker can be listed herein, it must pass a two-year in service road test on a site specified by TCPEC (e.g. westbound I-10 at Deck Tunnel). The tested markers (typically a type c or G) must maintain adequate brightness throughout the length of this test. Adequate retained brightness will be determined by TCPEC, (via visual inspection and /or retroreflectivity readings), but will mostly be based on the comparative performance of listed markers that should be placed in the same test deck. The successful performance of the tested Type C (white/red) or Type G (white) RRPM is the n assumed to assure proper performance for the Type D (Yellow/Yellow) and Type H (Yellow) markers. The required test period of two years maybe made longer by the TCPEC based on the results of on going tests.

(2) Permanent RRPM's in this class should be tested to confirm the presence of an abrasion resistant surface. An appropriate test is to use a piece of steel wool and rub it on the lens of the reflector of the RRPM. If there is an abrasion resistant surface on the marker, the lens will show few if any scratches. If the marker is easily scratched, it is not an abrasion resistant treated marker.

(3) Accelerated acceptance of new marker is possible after one year of successful performance on the approved TCPEC test deck and if the new markers have also been similarly tested and approved by other agencies (e.g. Texas, California). Additionally, to gain conditional approval the manufacturer must warranty their marker until it has successfully completed the two-year test. If the marker does not pass the two-year test the manufacturer must agree to replace all failed markers that are installed on the ADOT roadways during the conditional approval period. Conditional approvals do not apply to the state raised pavement marker maintenance contract.

(4) Raised retroreflective markers (RRPM) should not be applied via a pavement surface configuration elevation of 3800 feet or above.

V-24P – Pavement Marking – Transverse Rumble Strip Materials – Permanent
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

V-24T – Pavement Marking – Transverse Rumble Strip Materials – Temporary Removable
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-24T | 09023 | ATM Removable<br>Rumble Strip | | 4/15 | 4/20 | Advance Traffic Markings<br>P.O. Box H<br>Roanoke Rapids NC 27870<br>(252) 536-2574<br>www.trafficmarkings.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| V-24T | 09034 | RoadQuake Temporary Portable Rumble Strip | | 6/15 | 6/20 | Plastic Safety Systems, Inc.<br>2444 Baldwin Rd.<br>Cleveland OH 44104<br>(216) 244-3207<br>(216) 231-2702 – Fax<br>www.plasticsafety.com |
| V-24T | 12101 | RoadQuake 2 Temporary Portable Rumble Strip | | 12/12 | 12/17 | Plastic Safety Systems, Inc.<br>2444 Baldwin Rd<br>Cleveland OH 44104<br>(800) 662-6338<br>www.plasticsafety.com |
| V-24T | 14009 | RQ2F | | 6/15 | 6/20 | Plastic Safety Systems, Inc.<br>2444 Baldwin Rd.<br>Cleveland, OH 44104<br>216-409-6032<br>www.plasticsafety.com |

| | V-25 – Pavement Marking – Dual Component Pavement Markings<br>ADOT Specifications: By special provision contact C&S for approved version. Stored spec. currently under development<br>ADOT Drawings: N/A<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-25 | 11123 | 1180 White Epoxy Traffic Paint | | 11/14 | 11/19 | Colorado Paint Company - Division of Swarco<br>4747 Holly St.<br>Denver, CO 80216<br>(303) 388-9265<br>www.coloradopaint.com |
| V-25 | 11124 | 1186 Yellow Epoxy Traffic Paint | | 11/14 | 11/19 | Colorado Paint Company - Division of Swarco<br>4747 Holly St.<br>Denver, CO 80216<br>(303) 388-9265<br>www.coloradopaint.com |
| V-25 | 12753 | Epoplex LS50 (epoxy) | | 3/13 | 3/18 | Epoplex<br>(division of Stoncor Group, Inc.)<br>1000 E Park Avenue<br>Maple Shade NJ 08052<br>(856) 667-8399<br>(856) 321-7559 |
| V-25 | 01025 | HPS-3 White & Yellow | | 5/11 | 5/16 | Ennis Traffic Safety Solutions dba Ennis Paint<br>P.O. Box 404<br>Ennis, TX 75120<br>(800) 331-8118<br>800-555-0217-Fax |
| V-25 | 12749 | LDI Super LifeLine III (epoxy) | | 5/11 | 5/16 | Ennis Traffic Safety Solutions dba Ennis Paint<br>P.O. Box 404<br>Ennis, TX 75120<br>(800) 331-8118<br>800-555-0217-Fax |
| V-25 | 12789 | Mark-55.3 | Based on NTPEP two years evaluation | 3/15 | 3/20 | Poly-Carb, Inc.<br>125 GNS Ct<br>Roberta, GA 31078<br>478-836-3011<br>478-836-2949 – Fax<br>www.poly-carb.com |
| V-25 | 12790 | Mark-55.6 | Based on NTPEP two years evaluation Designers specifying this product exclusively are to provide proper required justification to funding agency. | 3/15 | 3/20 | Poly-Carb, Inc.<br>125 GNS Ct<br>Roberta, GA 31078<br>478-836-3011<br>478-836-2949 – Fax<br>www.poly-carb.com |

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|---|---|---|---|---|---|---|
| V-25 | 12788 | Mark-55 | Epoxy | 3/15 | 3/20 | Poly-Carb, Inc.<br><br>125 GNS Ct<br>Roberta, GA 31078<br>478-836-3011<br>478-836-2949 – Fax<br>www.poly-carb.com |
| V-25 | 11125 | MFUA-10 3180 Modified Polyacrylate White Traffic Paint | | 11/14 | 11/19 | Colorado Paint Company - Division of Swarco<br>4747 Holly St.<br>Denver, CO 80216<br>(303) 388-9265<br>www.coloradopaint.com |
| V-25 | 12752 | TMT-Pathway Dura-Stripe Type V (spray) (Methyl methacrylate [MMA]) | The exclusive use of MMA on a project requires prior FHWA approval if the project is federally funded. Contact Traffic Group for an application guide for dual component pavement markings. | 9/11 | 9/16 | Ennis Paint dba Ennis Traffic Safety Solutions<br>PO Box 404<br>Ennis TX 75120<br>(800) 331-8118<br>(800) 555-0217 - Fax |
| V-25 | 03002 | TM8212/TM8214 Hotline Epoxy Traffic Marking Paint | | 1/12 | 1/17 | Sherwin Williams Company<br>2325 Hollins Ferry Road<br>Baltimore, MD 21230<br>(410) 625-8021 |
| V-25 | 03003 | TM8215/TM8214 Hotline Epoxy Traffic Marking Paint Color: Traffic Lead Free Yellow | | 1/12 | 1/17 | Sherwin Williams Company<br>2325 Hollins Ferry Road<br>Baltimore, MD 21230<br>(410) 625-8021 |
| V-25 | 01026 | URETECH(TM) HPS-4 Modified Urethane Pavement Markings | | 9/11 | 9/16 | Ennis Paint dba Ennis Traffic Safety Solutions<br>PO Box 404<br>Ennis TX 75120<br>(800) 331-8118<br>(800) 555-0217 - Fax |

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|---|---|---|---|---|---|---|
| | V-25P – Pavement Marking – Profile Pavement Markings<br>ADOT Specifications: By special provision contact C&S for approved version. Stored spec. currently under development<br>ADOT Drawings: N/A<br>Responsible Section: Traffic Group | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-25P | 12750 | Aqualite | Profile Thermoplastic | 5/11 | 5/16 | Ennis Traffic Safety Solutions dba Ennis Paint<br>P.O. Box 404<br>Ennis TX 75120<br>(800) 331-8118<br>800-555-0217-Fax |
| V-25P | 12794 | Lane Alert | Profile Thermoplastic with bumps and inverted profiles. | 8/09 | 8/14 | Rainline Corporation<br>P.O. 211059<br>Montgomery AL 36121-1059<br>(334) 277-0237<br>(334) 277-0459 – Fax |

Note: (1) Profile markings shall be used at elevations of 3,800 feet and less. These types of pavement markings are not suitable for snow removal areas.
(2) The use of this type of product requires an item number special provision. An approved version of this special provision is available from ADOT Contracts and Specifications.
(3) Profile pavement marking require the use of specialized installation equipment. Due to the expense of this equipment a minimum quantity of 40,000 feet should be involved on a project to make the utilization of this type of marking system cost effective.
(4) For shoulder applications profile pavement marking systems are intended to be used as an alternative to contiguous ground-in longitudinal rumble strip. However, profile markings should only be specified when some reason prevents the use of the ground-in rumble strip (e.g. when shoulders are less than 4 feet wide and there are obstructions immediately adjacent to the roadway and/or there is significant bike use, etc.)
(5) Profile markings can be used on the centerline.
(6) The approval of other profile pavement marking products other than those listed, requires at least a six-month Arizona based road test and proof of other successful applications.

| | V-25W – Pavement Marking – Dual Component Pavement Markings – Wet Reflective<br>ADOT Specifications: By special provision contact C&S for approved version. Stored spec. currently under development<br>ADOT Drawings: N/A<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| | | | | | | |

| | V-26 – Pavement Marking – Thermoplastic Striping & Markings<br>ADOT Specifications: 704 and 704 (stored)<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-26 | 11009 | Lead-Free Yellow Alkyd Thermoplastic (885260) | | 3/12 | 3/17 | Ennis Traffic Safety Solutions dba Ennis Paint<br>P.O. Box 404<br>Ennis TX 75120<br>(800) 331-8118<br>800-555-0217-Fax |
| V-26 | 11010 | White Alkyd Thermoplastic (885250) | | 3/12 | 3/17 | Ennis Traffic Safety Solutions dba Ennis Paint<br>P.O. Box 404<br>Ennis TX 75120<br>(800) 331-8118<br>800-555-0217-Fax |
| V-26 | 11096 | Smart Mark Thermoplastic Pavement Marking Material, W1X2256, Y1X2206 | | 9/11 | 9/16 | The Sherwin Williams Company<br>1001 Nebula Road<br>Manchester, GA 31816<br>410-625-8262<br>www.swpavementmarkings.com |
| V-26 | 12813 | Thermoplastic Products | Formerly TMT-Pathway | 5/11 | 5/16 | Ennis Traffic Safety Solutions dba Ennis Paint<br>P.O. Box 404<br>Ennis TX 75120<br>(800) 331-8118<br>800-555-0217-Fax |
| V-26 | 12751 | Thermoplastic Products | | 5/11 | 5/16 | Ennis Traffic Safety Solutions dba Ennis Paint<br>P.O. Box 404<br>Ennis TX 75120<br>(800) 331-8118<br>800-555-0217-Fax |
| V-26 | 12737 | Thermoplastic Products | | 6/15 | 6/20 | Crown Technology, LLC<br>35 Industrial Park Drive<br>P.O. Box 789<br>Woodbury GA 30293<br>(706) 553-9500; (800) 457-6267<br>www.crownthermo.com |

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|---|---|---|---|---|---|---|
| V-26 | 12158 | White (2560AZ) & Yellow (2566AZ) Thermoplastic Pavement Marking Material | | 9/13 | 9/18 | American Traffic Products, Inc.<br>14848 Whittram Ave.<br>Fontana CA 92335<br>909-356-2130<br>www.americantrafficproducts.com |

| | V-26W – Pavement Marking – Thermoplastic Striping & Markings – Wet Reflective<br>ADOT Specifications: 704<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
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| | V-27 – Traffic Paint – Water-Borne<br>ADOT Specifications: 708<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-27 | 11130 | 1110 White High Build Waterborne Traffic Paint | | 6/12 | 6/17 | Colorado Paint Company - Division of Swarco<br>4747 Holly Street<br>Denver, CO 80216<br>(303) 388-9265 |
| V-27 | 11131 | 1116 Yellow LF High Build Waterborne Traffic Paint | | 6/12 | 6/17 | Colorado Paint Company - Division of Swarco<br>4747 Holly Street<br>Denver, CO 80216<br>(303) 388-9265 |
| V-27 | 11128 | 1140 White Waterborne Traffic Paint | | 6/12 | 6/17 | Colorado Paint Company - Division of Swarco<br>4747 Holly Street<br>Denver, CO 80216<br>(303) 388-9265 |
| V-27 | 11129 | 1146 Yellow LF Waterborne Traffic Paint | | 6/12 | 6/17 | Colorado Paint Company - Division of Swarco<br>4747 Holly Street<br>Denver, CO 80216<br>(303) 388-9265 |
| V-27 | 11132 | 1190 White Low Temperature Waterborne Traffic Paint | | 6/12 | 6/17 | Colorado Paint Company - Division of Swarco<br>4747 Holly Street<br>Denver, CO 80216<br>(303) 388-9265 |
| V-27 | 11133 | 1196 Yellow LF Low Temperature Waterborne Traffic Paint | | 6/12 | 6/17 | Colorado Paint Company - Division of Swarco<br>4747 Holly Street<br>Denver, CO 80216<br>(303) 388-9265 |
| V-27 | 06036 | 3M All Weather Paint | | 2/13 | 2/18 | 3M<br>3M Center, Building 225-5S-08<br>St. Paul MN 55144<br>(480) 221-5407 |
| V-27 | 09009 | All Stripe Paint | | 10/10 | 10/15 | Traffic Control Service Inc.<br>1818 E Orangethorpe Avenue<br>Fullerton CA 92831<br>(714) 526-9546<br>(714) 526-9547 - Fax |

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|---|---|---|---|---|---|---|
| V-27 | 98-27 | AZW 27-M-1 | White Ennis Traffic Safety Solutions dba Ennis Paint – Water Borne | 12/14 | 12/19 | Ennis Traffic Safety Solutions dba Ennis Paint<br>1509 S Kaufman<br>Ennis TX 75119<br>(800) 331-8118<br>(972) 878-0685 – Fax |
| V-27 | 98-27 | AZY 27-M-1 | Yellow Ennis Traffic Safety Solutions dba Ennis Paint – Water Borne | 12/14 | 12/19 | Ennis Traffic Safety Solutions dba Ennis Paint<br>1509 S Kaufman<br>Ennis TX 75119<br>(800) 331-8118<br>(972) 878-0685 – Fax |
| V-27 | 11050 | Line-PRO Waterbase Rapid Dry Traffic Paints (White, Yellow) | | 3/12 | 3/17 | International Coatings Co. Inc.<br>13929 E.166th St.<br>Cerritos, CA 90703<br>(562) 926-1010<br>iccink.com |
| V-27 | 11135 | Waterborne Traffic Paint 180A, 186A, 380, 386 | | 9/12 | 9/17 | American Traffic Products, Inc.<br>14848 Whittram Ave<br>Fontana, CA 92335<br>(909) 356-2130<br>www.americantrafficproducts.com |
| V-27 | 91-56 | White 2342A9 | | 12/14 | 12/19 | Ennis Traffic Safety Solutions dba Ennis Paint<br>1509 S Kaufman<br>Ennis TX 75119<br>(800) 331-8118<br>(972) 878-0685 – Fax |
| V-27 | 91-56 | Yellow 2343A9 | | 12/14 | 12/19 | Ennis Traffic Safety Solutions dba Ennis Paint<br>1509 S Kaufman<br>Ennis TX 75119<br>(800) 331-8118<br>(972) 878-0685 – Fax |
| V-27 | 14036 | TM2392 White Waterborne Traffic Paint | | 3/15 | 3/20 | The Sherwin-Williams Company<br>12401 Industrial Blvd.<br>Victorville, CA 92395<br>(216) 515-5585<br>www.sherwin-williams.com |
| V-27 | 14037 | TM2393 Yellow Waterborne Traffic Paint | | 3/15 | 3/20 | The Sherwin-Williams Company<br>12401 Industrial Blvd.<br>Victorville, CA 92395<br>(216) 515-5585<br>www.sherwin-williams.com |

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| | V-27W – Traffic Paint – Water-Borne – Wet Reflective<br>ADOT Specifications: CalTrans traffic paint spec. 8010-61G-30<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
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V-29 – Signal and Lighting – Cabinet Mounted Service Enclosure
ADOT Specifications: 736
ADOT Drawings: T.S. 3-11
Responsible Section: Traffic Group

**PER SHOP AND STANDARD DRAWINGS AND SPECIFICATIONS**

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

V-30 – Signal and Lighting – Cabinet – Surge Protector
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-30 | 01075 | DOT-17 | | 6/12 | 6/17 | Arris Technologies, Inc.<br>P.O. Box 357383<br>Gainesville, FL 32636-7383<br>(800) 367-2203<br>www.arristechnologies.com |
| V-30 | 06052 | HE75CX | | 9/11 | 9/16 | HESCO/RLS, Inc.<br>1470 Kastner Place, Suite 112<br>Sanford FL 32771<br>(800) 547-4868 |
| V-30 | 92085 | Protector<br>HS-P-SP-120A-30A-RJ | | 9/10 | 9/15 | Eaton Corporation<br>Innovative Technology TVSS Products<br>1000 Cherrington Parkway<br>Moon Township PA 15108-4312<br>(412) 893-3251<br>www.eatonelectrical.com/itvss |
| V-30 | 92085 | Protector<br>HS-P-SP-120A-60A-RJ | | 9/10 | 9/15 | Eaton Corporation<br>Innovative Technology TVSS Products<br>1000 Cherrington Parkway<br>Moon Township PA 15108-4312<br>(412) 893-3251<br>www.eatonelectrical.com/itvss |
| V-30 | 11171 | Surge Protective Devices (SPD): SPD EE series (50 kA rating), TE XCS series (100 kA rating), TE XDS series (200 kA rating plus filtering) | | 11/14 | 11/19 | Advanced Protection Technologies, Inc<br>14550 58th Street North<br>Clearwater, FL 33760<br>800-237-4567<br>www.aptvss.com |

V-31Y – Signal and Lighting – Yielding Bases
ADOT Specifications: 731
ADOT Drawings: Drawings T.S.5-1 (30 ft. pole), T.S.5-2 (40 ft. pole and above)
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-31Y | 12807 | M104 (Type 2 Base) | | 10/11 | 10/16 | Valmont Industries<br>PO Box 358, Bldg 516<br>7002 North 288th St.<br>Valley, NE 68064-0358<br>(800) 825-6668 |
| V-31Y | 12808 | M098 (Type 3 Base) | | 10/11 | 10/16 | Valmont Industries, inc.<br>One Valmont Parkway<br>P.O. Box 358<br>Valley NE 68064<br>(402) 359-2201 |
| V-31Y | 12787 | OPTBW-15-17 (Type 3 Base) | | 2/12 | 2/17 | Philips Lighting Company, A Division of Phillips Electronics<br>(formerly Shakespeare Company)<br>200 Franklin Square Drive<br>Somerset, NJ 08873<br>(732) 563-3000<br>www.philips.com |
| V-31Y | 01095 | Pole-Safe | | 9/09 | 9/14 | Transpo Industries<br>20 Jones Street<br>New Rochelle NY 10801<br>(914) 636-1000<br>(914) 636-1282 – Fax<br>www.transpo.com |
| V-31Y | 12713 | TB2-17 (Type 2 Base) [Akron] | | 1/12 | 1/17 | Akron Foundry Company<br>2728 Wingate Avenue<br>Akron OH 44313<br>(330) 745-3101<br>www.akronfoundry.com |
| V-31Y | 12717 | TB2-17 (Type 2 Base) [Ameron] | | 12/11 | 12/16 | Ameron International<br>Pole Products Division<br>2333 South Yukon Street<br>Tulsa OK 74107<br>(918) 585-5611<br>http://www.ameronppd.com |
| V-31Y | 12002 | TB2-17 (Type 2 Base) [Cem-Tec] | | 6/12 | 6/17 | Cem-Tec Corporation<br>3745 South 7th Avenue<br>Phoenix, AZ 85041<br>(602) 268-8895<br>cem-tec.com |
| V-31Y | 12768 | TB2-17 (Type 2 Base) [Millerbernd] | | 10/11 | 10/16 | Millerbernd Mfg. Company<br>622 6th Street South P.O. Box 98<br>Winsted MN 55395<br>(320) 485-2111 |

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| V-31Y | 12714 | TB3-17 (Type 3 Base) [Akron] | | 1/12 | 1/17 | Akron Foundry Company<br>2728 Wingate Avenue<br>Akron OH 44313<br>(330) 745-3101<br>www.akronfoundry.com |
| V-31Y | 12718 | TB3-17 (Type 3 Base) [Ameron] | | 12/11 | 12/16 | Ameron International<br>Pole Products Division<br>2333 South Yukon Street<br>Tulsa OK 74107<br>(918) 585-5611<br>http://www.ameronppd.com |
| V-31Y | 12002 | TB3-17 (Type 3 Base) [Cem-Tec] | | 6/12 | 6/17 | Cem-Tec Corporation<br>3745 South 7th Avenue<br>Phoenix, AZ 85041<br>(602) 268-8895<br>cem-tec.com |
| V-31Y | 12769 | TB3-17 (Type 3 Base) [Millerbernd] | | 10/11 | 10/16 | Millerbernd Mfg. Company<br>622 6th Street South P.O. Box 98<br>Winsted MN 55395<br>(320) 485-2111 |

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| | V-32A – Signal and Lighting – Electrical Conduit, PVC Pipe, Fittings, and RTRC<br>ADOT Specifications: 732<br>ADOT Drawings: TS-1 series<br>Responsible Section: Traffic Group |
| **ANY UL LABELED SCHEDULE 40 PVC PIPE** | |

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| | V-32B – Signal and Lighting – Electrical Conduit, Galvanized Rigid Corrugated (GRC) and Fittings - Intermediate Metallic Conduit (IMC) and Fittings and RTRC<br>ADOT Specifications: 732<br>ADOT Drawings: TS-1 series<br>Responsible Section: Traffic Group |
| **ANY UL LABELED** | |

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| | V-32C – Signal and Lighting – Electrical Conduit, Liquid Tight Galvanized Steel Flexible Conduit PVC Coated (LTFC) and Fittings<br>ADOT Specifications: 732<br>ADOT Drawings: None<br>Responsible Section: Traffic Group |
| **ANY UL LABELED** | |

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| | V-32D – Signal and Lighting – High Density Polyethylene Electrical Conduit (HDPE) and RTRC<br>ADOT Specifications: 732<br>ADOT Drawings: TS-1 series<br>Responsible Section: Traffic Group |

**PER PROJECT SPECIFICATION**

V-32E – Signal and Lighting – Electrical Conductors
ADOT Specifications: 732
ADOT Drawings: None
Responsible Section: Traffic Group

**ANY UL LABELED TYPE THW XHHW-2 UF CONDUCTOR**

V-32F – Signal and Lighting – Electric Multi Conductor Cable - Loop Detector Lead-In-Cable
ADOT Specifications: 732
ADOT Drawings: None
Responsible Section: Traffic Group

**ANY IMSA LABELED TRAFFIC SIGNAL CABLE**

V-32G – Signal and Lighting – Multi Cable Video Detection Cable
ADOT Specifications: 732
ADOT Drawings: None
Responsible Section: Traffic Group

**PER PROJECT SPEC.**

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-32G | 06053 | All applicable products | | 1/12 | 1/17 | Iteris, Inc.<br>1700 Carnegie Ave., Suite 100<br>Santa Ana, CA 92705-5551<br>(503) 551-2516<br>www.iteris.com |
| V-32G | 06054 | All applicable products | | 1/12 | 1/17 | AM Signal, Inc.<br>9935 Titan Park Circle<br>Littleton, CO 80125<br>(720) 348-6925 |
| V-32G | 12740 | RACKVISION | Only | 1/12 | 1/17 | ECONOLITE CONTROL PRODUCTS, INC.<br>3360 E. La Palma Ave.<br>Anaheim CA 92806<br>(714) 630-3700 |

V-32H – Signal and Lighting – Electrical Connectors
ADOT Specifications: 732
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
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|---|---|---|---|---|---|---|
| V-32H | 09007 | DryConn Direct Bury Waterproof Connector King 6 (MDB) | | 11/10 | 11/15 | King Innovation<br>3801 Lloyd King Drive<br>O'Fallon MO 63368<br>(800) 633-0232 |
| V-32H | 09008 | King 9 "Big Blue" | | 11/10 | 11/15 | King Innovation<br>3801 Lloyd King Drive<br>O'Fallon MO 63368<br>(800) 633-0232 |
| V-32H | 00055 | SLK-M Flood Seal – Disconnectable Fuse Holder | | 10/11 | 10/16 | Homac – Division of Thomas & Betts<br>12 Southland Road<br>Ormond Beach, FL 32174<br>(386) 677-9110 |

| | V-32J – Signal and Lighting – In-Line Fuse Connector<br>ADOT Specifications: 732<br>ADOT Drawings: T.S. 1<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-32J | 06056 | All applicable products | | 9/11 | 9/16 | Ideal Industries, Inc.<br>1330 East Lincoln Highway<br>DeKalb, IL 60115<br>(800) 435-0705<br>www.idealindustries.com |
| V-32J | 06057 | All applicable products | | 10/11 | 10/16 | Littelfuse<br>8755 W. Higgins Ave., Suite 500<br>Chicago, IL 60631<br>(800) TEC-FUSE |
| V-32J | 11134 | IDEAL-Buchanan SLK Breakaway Fuse Kit | | 3/12 | 3/17 | IDEAL Industries, Inc.<br>1 Becker Place<br>Sycamore, IL 61088<br>(815) 895-1311<br>www.idealindustries.com |
| V-32J | 12005 | SEC Single-Fused and Single-Pin (SEC 1791-SF, SEC 1791-SP) | | 3/13 | 3/18 | SEC Connector Company<br>1313 Central Avenue South, Unit F<br>Kent, WA 98032<br>(206) 818-5375<br>www.secconnectorcompany.com |

| | V-32K – Signal And Lighting – Connectors and Power Distribution Block<br>ADOT Specifications: 732<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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|---|---|---|---|---|---|---|
| V-32K | 12703 | All applicable products | | 9/11 | 9/16 | 3M Company<br>Automotive Aftermarkets Division<br>3M Center Building 0223-06-N-01<br>St. Paul, MN 55144-1000<br>(404) 661-1875 |

| | V-34 – Signal and Lighting – Traffic Control Cabinet<br>ADOT Specifications: 734<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-34 | 12741 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 1/12 | 1/17 | Econolite Control Products<br>3360 East La Palma Avenue<br>Anaheim CA 92806-0150<br>(714) 630-3700 |
| V-34 | 12800 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 10/11 | 10/16 | Siemens ITS<br>8004 Cameron Rd.<br>Austin TX 78753<br>(512) 837-8473<br>www.itssiemens.com |
| V-34 | 12034 | STS NEMA TS1 Controller Cabinet (Model numbers 554426 & 774426) | | 6/12 | 6/17 | Scanlon Traffic Systems, LLC<br>1405 W. Elm St.<br>Oneida, NY 13421<br>(602) 821-1986 |

| | V-34A – Signal and Lighting – Traffic Signal Controller Units<br>ADOT Specifications: 734<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-34A | 12741 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 1/12 | 1/17 | Econolite Control Products<br>3360 East La Palma Ave.<br>Anaheim CA 92806-0150<br>(714) 630-3700 |
| V-34A | 11180 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 7/13 | 7/18 | Intelight Inc.<br>3450 S. Broadmont Drive Suite 126<br>Tucson, AZ 85713<br>(520) 795-8808<br>www.intelight-its.com |

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|---|---|---|---|---|---|---|
| V-34A | 12800 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 10/11 | 10/16 | Siemens ITS<br>8004 Cameron Rd.<br>Austin TX 78753<br>(512) 837-8473<br>www.itssiemens.com |

| | V-34B – Signal and Lighting – Load Switch & Flasher Transfer Relay<br>ADOT Specifications: 734<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-34B | 12741 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 1/12 | 1/17 | Econolite Control Products<br>3360 East La Palma Avenue<br>Anaheim CA 92806-0150<br>(714) 630-3700 |
| V-34B | 12743 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 10/11 | 10/16 | EDI - Eberle Design Inc.<br>3819 East La Salle Street<br>Phoenix AZ 85040<br>(480) 968-6407 |
| V-34B | 12800 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 10/11 | 10/16 | Siemens ITS<br>8004 Cameron Rd.<br>Austin TX 78753<br>(512) 837-8473<br>www.itssiemens.com |
| V-34B | 12801 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 12/11 | 12/16 | Southwest Traffic Systems<br>1934 E Clubhouse Dr.<br>Phoenix, AZ 85048<br>(480) 961-7000 |

| | V-34C – Signal and Lighting – Conflict Monitors<br>ADOT Specifications: 734<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-34C | 08065 | NM512 | Conflict Monitor | 3/10 | 3/15 | Southwest Traffic Systems Inc.<br>820 Park Two Drive<br>Sugar Land TX 77478<br>(281) 240-7233 |

| | | | | | | |
|---|---|---|---|---|---|---|
| V-34C | 08066 | NM512-E123 | Conflict Monitor | 3/10 | 3/15 | Southwest Traffic Systems Inc.<br>820 Park Two Drive<br>Sugar Land TX 77478<br>(281) 240-7233 |
| V-34C | 12741 | All NEMA compatible products unless specified otherwise on project plans or special provisions | 12-channel monitor | 1/12 | 1/17 | Econolite Control Products<br>3360 East La Palma Avenue<br>Anaheim CA 92806-0150<br>(714) 630-3700<br>(714) 630-6349 – Fax |
| V-34C | 12743 | All NEMA compatible products unless specified otherwise on project plans or special provisions | 12-channel monitor | 10/11 | 10/16 | EDI - Eberle Design Inc.<br>3819 East La Salle Street<br>Phoenix AZ 85040<br>(480) 968-6407 |
| V-34C | 12800 | All NEMA compatible products unless specified otherwise on project plans or special provisions | 12-channel monitor | 10/11 | 10/16 | Siemens ITS<br>8004 Cameron Rd.<br>Austin TX 78753<br>(512) 837-8473<br>www.itssiemens.com |
| V-34C | 12125 | Reno mmu-1600GE | | 12/12 | 12/17 | Reno A&E<br>4655 Aircenter Circle<br>Reno NV 89502<br>(775) 826-2020<br>www.renoae.com |

| | V-34D – Signal and Lighting – Detector Power Supply & Detector Rack and Card<br>ADOT Specifications: 734<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-34D | 12741 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 1/12 | 1/17 | Econolite Control Products<br>3360 East La Palma Avenue<br>Anaheim CA 92806-0150<br>(714) 630-3700 |
| V-34D | 12743 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 10/11 | 10/16 | EDI - Eberle Design Inc.<br>3819 East La Salle Street<br>Phoenix AZ 85040<br>(480) 968-6407 |
| V-34D | 12766 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 1/12 | 1/17 | Iteris, Inc.<br>1700 Carnegie Ave., Suite 100<br>Santa Ana, CA 92705-5551<br>(503) 551-2516<br>www.iteris.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| V-34D | 12797 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 12/11 | 12/16 | RENO A&E<br>4655 Aircenter Circle<br>Reno NV 89502-5948<br>(775) 826-2020<br>www.renoae.com |
| V-34D | 12800 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 10/11 | 10/16 | Siemens ITS<br>8004 Cameron Rd.<br>Austin TX 78753<br>(512) 837-8473<br>www.itssiemens.com |
| V-34D | 12716 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 1/12 | 1/17 | AM Signal, Inc.<br>9935 Titan Park Circle<br>Littleton, CO 80125<br>(720) 348-6925 |

| | V-34E – Signal and Lighting – Control Cabinet GPS Time Reference<br>ADOT Specifications: 734<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-34E | 12799 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 10/11 | 10/16 | RTC Manufacturing, Inc.<br>P. O. Box 150189<br>Arlington TX 76015<br>(800) 782-8721 |

| | V-34F – Signal and Lighting – Control Cabinet NEMA “D” Connector Panel<br>ADOT Specifications: 734<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-34F | 12741 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 1/12 | 1/17 | Econolite Control Products<br>3360 East La Palma Avenue<br>Anaheim CA 92806-0150<br>(714) 630-3700 |
| V-34F | 12800 | All NEMA compatible products unless specified otherwise on project plans or special provisions | | 10/11 | 10/16 | Siemens ITS<br>8004 Cameron Rd.<br>Austin TX 78753<br>(512) 837-8473<br>www.itssiemens.com |

V-35 – Signal and Lighting – Detector Loop Sealant
ADOT Specifications: 735LOOP (stored), 735 (std)
ADOT Drawings: T.S. 6 series and T.S. 7 series
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-35 | 12733 | Hot Applied Rubberized Sealant #34271 | Hot rubberized sealant | 6/15 | 6/20 | Crafco, Inc.<br>420 N. Roosevelt Ave.<br>Chandler AZ 85226<br>(800) 528-8242<br>(480) 961-0513 – Fax |
| V-35 | 04007 | Inductive Cold Pour Loop Sealant | Asphalt emulsion based crack filler with filler to seal saw cuts in asphalt or concrete pavements. | 1/12 | 1/17 | Brewer Cote of Arizona<br>5226 W. Missouri Ave.<br>Glendale AZ 85301<br>(623) 931-3728<br>http://www.brewercoteaz.com/ |
| V-35 | 92960 | Sealex Loop Sealant | Cold pour, one-part sealant | 9/11 | 9/16 | W.R. Meadows of Arizona, Inc.<br>4220 South Sarival Ave.<br>Goodyear AZ 85338<br>(623) 932-9383<br>(623) 932-1547 – Fax<br>http://www.wrmeadows.com/ |
| V-35 | 93905 | TA-500 | Cold pour, single component, flexible, adheres to concrete and asphalt pavements. | 7/13 | 7/18 | Tri-American, Inc.<br>980 Ames Ave.<br>Milpitas CA 95035<br>(800) 782-6543 |
| V-35 | 11105 | Hot Pour Loop Sealant | Hot rubberized sealant | 6/15 | 6/20 | Brewer Cote of Arizona<br>5226 W Missouri Ave<br>Glendale, AZ 85301<br>623-931-3728<br>brewercoteaz@yahoo.com<br>www.brewercoteaz.com |

**PER SPECIFICATION 735 CHECK TABLE IN SPEC**.

V-36 – Signal and Lighting – Electrical Conduit, PVC
ADOT Specifications: 732
ADOT Drawings: None
Responsible Section: Traffic Group

**ANY UNDERWRITERS LABORATORIES LISTED CONDUIT**

| | |
|---|---|
| | V-36A – Signal and Lighting – Primer For Electrical Conduit, PVC<br>ADOT Specifications: 732<br>ADOT Drawings: None<br>Responsible Section: Traffic Group |
| **ANY PURPLE PRIMER FOR PVC PIPE** | |

| | |
|---|---|
| | V-36B – Signal and Lighting – Grey Cement For Electrical Conduit, PVC<br>ADOT Specifications: 732<br>ADOT Drawings: None<br>Responsible Section: Traffic Group |
| **ANY GREY CEMENT FOR PVC PIPE** | |

V-37 – Signal and Lighting – Foundation – Anchor Bolts
ADOT Specifications: 731
ADOT Drawings: T.S. 4-23
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-37 | 13005 | All applicable products | Field Verification for Spec. and Std. & Shop Drawings | 9/13 | 9/18 | A&M Nut & Bolt<br>4642 S 35th St<br>Phoenix AZ 85040<br>(602) 276-1182<br>www.ambolts.com |
| V-37 | 06059 | All applicable products | Field Verification for Spec. and Std. & Shop Drawings | 12/11 | 12/16 | Ameron International<br>Pole Products Division<br>2333 South Yukon Street<br>Tulsa OK 74107<br>(918) 585-5611<br>http://www.ameronppd.com |
| V-37 | 06060 | All applicable products | Field Verification for Spec. and Std. & Shop Drawings | 1/12 | 1/17 | Cem-Tec<br>3745 South 7th Avenue<br>Phoenix AZ 85041<br>(602) 268-8895<br>http://www.cem-tec.com |
| V-37 | 12762 | All applicable products | Field Verification for Spec. and Std. & Shop Drawings | 1/12 | 1/17 | Hapco<br>26252 Hillman Highway<br>Abingdon VA 24210<br>(800) 368-7171<br>www.hapco.com |
| V-37 | 12178 | All applicable products | Field Verification for Spec. and Std. & Shop Drawings | 9/13 | 9/18 | Superior Bolt & Nut MFG<br>4204 E Elwood St, Suite 16<br>Phoenix AZ 85040<br>(602) 841-8100<br>www.superiorbolt.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| V-37 | 06062 | All applicable products | Field Verification for Spec. and Std. & Shop Drawings | 1/12 | 1/17 | Union Metal Corporation<br>1432 Maple Ave., NE<br>PO Box 9920<br>Canton OH 44705<br>(330) 456-7653<br>www.unionmetal.com |
| V-37 | 06092 | All applicable products | Field Verification for Spec. and Std. & Shop Drawings | 10/11 | 10/16 | Valmont Industries<br>PO Box 358, Bldg 516<br>7002 North 288th St.<br>Valley, NE 68064-0358<br>(800) 825-6668 |

V-40 **–** Signal and Lighting – High Mast Lighting – Raising and Lowering Device (Top Latching)
ADOT Specifications: Special Provisions
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-40 | 12757 | All applicable products | | 1/12 | 1/17 | General Electric – Lighting Systems Dept.<br>Spartanburg Highway<br>Hendersonville NC 28792<br>(800) 437-8625 |
| V-40 | 08044 | Model 1060 | Portables only | 3/10 | 3/15 | Stratus Products<br>1320 South University Drive, Suite 701<br>Fort Worth TX 76107<br>(817) 878-3108 |
| V-40 | 07115 | All applicable products | | 10/11 | 10/16 | Holophane<br>42425 N 10th Ave.<br>Phoenix, AZ 85086<br>(623) 465-9135 |
| V-40 | 06012 | Area/Roadway High Mast Lighting Lowering Devices | | 1/12 | 1/17 | Holophane Lighting<br>42425 N 10th Ave.<br>Phoenix, AZ 85086<br>(623) 465-9135 |

V-41 **–** Signal and Lighting – Lamps – Luminaire
ADOT Specifications: 736
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-41 | 12758 | All High Pressure Sodium Lamps | | 1/12 | 1/17 | General Electric – Lighting Systems Dept.<br>Spartanburg Highway<br>Hendersonville NC 28792<br>(800) 437-8625 |

| | | | | | | |
|---|---|---|---|---|---|---|
| V-41 | 06063 | All High Pressure Sodium Lamps | | 12/11 | 12/16 | Philips Lighting Company, A Division of Phillips Electronics North America Corporation<br>200 Franklin Square Drive<br>Somerset, NJ 08873<br>(732) 563-3000<br>www.philips.com |
| V-41 | 09080 | LU100I/EN #59696 | | 11/10 | 11/15 | EYE Lighting International<br>9150 Hendricks Rd.<br>Mentor OH 44060<br>(303) 501-0494 |
| V-41 | 09081 | LU150/55/I/EN #59707 | | 11/10 | 11/15 | EYE Lighting International<br>9150 Hendricks Rd.<br>Mentor OH 44060<br>(303) 501-0494 |
| V-41 | 09082 | LU250/I/EN #60012 | | 11/10 | 11/15 | EYE Lighting International<br>9150 Hendricks Rd.<br>Mentor OH 44060<br>(303) 501-0494 |
| V-41 | 09083 | LU400/I/EN #60110 | | 11/10 | 11/15 | EYE Lighting International<br>9150 Hendricks Rd.<br>Mentor OH 44060<br>(303) 501-0494 |

| | V-42 – Signal and Lighting – Lamps – Traffic Signal<br>ADOT Specifications: 733<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-42 | 01030 | Omega Traffic Signal Lamp | | 9/09 | 9/14 | Litetronics Int./National Direct Lighting<br>4101 West 123rd Street<br>Alsip IL 60803<br>(800) 521-2981<br>(708) 371-0627 – Fax |

| | V-43 – Signal and Lighting – Load Center Cabinet<br>ADOT Specifications: 736<br>ADOT Drawings: T.S. 3-1 through 3-7<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

| | | | | | | |
|---|---|---|---|---|---|---|
| V-43 | 12791 | All applicable products | | 1/12 | 1/17 | R & R Electrical<br>2049 W. Highway Drive<br>Tucson AZ 85705<br>(520) 887-7630 |
| V-43 | 11055 | All applicable products | Type II & IV are approved for use. | 12/11 | 12/16 | Arcan Traffic Systems<br>2950 N. 30th Ave.<br>Phoenix, AZ 85017<br>(602) 470-1515 |
| V-43 | 14043 | Load Center Cabinet | | 6/15 | 6/20 | Lindsay Transportation Solutions / Barrier Systems.<br>180 River Road<br>Rio Vista, CA 94571<br>707-374-6800<br>www.barriersystemsinc.com |

| | V-44 – Signal and Lighting – Loop Detector Amplifier<br>ADOT Specifications: 734<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-44 | 08069 | Naztec model 724 Four Channel Loop Detector Amplifier | | 9/10 | 9/15 | Naztec<br>P.O. Box 765<br>Sugarland TX 77487-0765<br>(281) 240-7233<br>(281) 240-7238 |
| V-44 | 08078 | Naztec Model 722 Dual Channel Loop Detector Amplifier | | 9/10 | 9/15 | Naztec<br>P.O. Box 765<br>Sugarland TX 77487-0765<br>(281) 240-7233<br>(281) 240-7238 |

| | V-45 – Signal and Lighting – Loop Detector Lead-In Cable<br>ADOT Specifications: 732<br>ADOT Drawings: None<br>Responsible Section: Traffic Group |
|---|---|
| | **ANY CABLE PER ISMA 50-2 SPEC.** |

| | V-50 – Signal and Lighting – Luminaire – High Mast (Cutoff)<br>ADOT Specifications: Special Provisions<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

| | | | | | | |
|---|---|---|---|---|---|---|
| V-50 | 12757 | All applicable products | | 1/12 | 1/17 | General Electric – Lighting Systems Dept.<br>Spartanburg Highway<br>Hendersonville NC 28792<br>(800) 437-8625 |
| V-50 | 07112 | All applicable products | | 10/11 | 10/16 | Holophane<br>42425 N 10th Ave.<br>Phoenix, AZ 85086<br>(623) 465-9135 |
| V-50 | 06013 | Area/Roadway High Mast Lighting Luminaires (Cut-off) | | 1/12 | 1/17 | Holophane<br>42425 N 10th Ave.<br>Phoenix, AZ 85086<br>(623) 465-9135 |
| V-50 | 09065 | HMX Large Area Luminaire (HMX40SM8NW2) | | 12/11 | 12/16 | Cooper Lighting<br>1121 Highway 74 South<br>Peachtree City, GA 30269<br>(770) 486-4800<br>www.cooperlighting.com |

| | V-51 – Signal and Lighting – Luminaire – Horizontal Mount (for HID lamps)<br>ADOT Specifications: 736<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-51 | 05004 | CHMD | Approved with FLX lens only | 3/10 | 3/15 | Lithonia Lighting<br>One Lithonia Way<br>Conyers GA 30012<br>(770) 922-9000 |
| V-51 | 12759 | M400A2 Cutoff | | 1/12 | 1/17 | General Electric – Lighting Systems Dept.<br>Spartanburg Highway<br>Hendersonville NC 28792<br>(800) 437-8625 |
| V-51 | 12765 | RL-400 Cutoff | | 10/11 | 10/16 | Hubbell Lighting Inc.<br>701 Millennium Blvd.<br>Greenville, SC 29607<br>(864) 678-1000 |
| V-51 | 02150<br>02151 | Roadway 325 | Approved for 250w and 400w | 9/11 | 9/16 | American Electric Lighting<br>1335 Industrial Boulevard<br>Conyer GA 30012<br>(623) 465-9135 |

| | V-51A – Signal and Lighting – Luminaire – Horizontal Mount (LED Type 15L)<br>ADOT Specifications: In Development<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

| | | | | | | |
|---|---|---|---|---|---|---|
| V-51A | 12149 | Autobahn Series ATB2 | ATB2 40BLEDE70 MVOLT R2, CCT=4000K, 120-240 and 480 VAC | 6/15 | 6/20 | Acuity Brands<br>1170 Peachtree Street, NE<br>Suite 2300<br>Atlanta, GA 30309<br>480-227-7823<br>acuitybrands.com |
| V-51A | 14094 | Evolve LED Roadway Light ERS 1 | ERS1HC3E1740, CCT=4000K, 120-240 VAC; ERS10C3E1740, CCT=4000K, 480 VAC | 6/15 | 6/20 | GE Lighting Systems<br>3010 Spartanburg Hwy<br>East Flat Rock, NC 28726<br>480-347-9765<br>GElighting.com |
| V-51A | 14094 | Evolve LED Roadway Light ERS 2 | ERS2HD3E1730, CCT=3000K, 120-240 VAC; ERS20D3E1730, CCT=3000K, 480 VAC | 6/15 | 6/20 | GE Lighting Systems<br>3010 Spartanburg Hwy<br>East Flat Rock, NC 28726<br>480-347-9765<br>GElighting.com |
| V-51A | 15027 | Streetworks VERD Verdeon | STREETWORKS VERD A028 D U T2 7030 4N7 10K AP, CCT=3000K, 120-240 VAC; STREETWORKS VERD A028 D 8 T2 7030 4N7 10K AP, CCT=3000K, 480 VAC; STREETWORKS VERD A028 D U T2 4N7 10K AP, CCT=4000K, 120-240 VAC; STREETWORKS VERD A028 D 8 T2 4N7 10K AP, CCT=4000K, 480 VAC | 6/15 | 6/20 | Inverse Lighting & Eaton Cooper Lighting<br>1121 Highway 74 South<br>Peachtree City, GA 30269<br>623-695-9581<br>cooperindustries.com |

| | V-51B – Signal and Lighting – Luminaire – Horizontal Mount (LED Type 25L)<br>ADOT Specifications: In Development<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-51B | 12149 | Autobahn Series ATB2 | ATB2 60BLEDE85 MVOLT R3, CCT=4000K, 120-240 and 480 VAC | 6/15 | 6/20 | Acuity Brands<br>1170 Peachtree Street, NE<br>Suite 2300<br>Atlanta, GA 30309<br>480-227-7823<br>acuitybrands.com |
| V-51B | 14094 | Evolve LED Roadway Light ERS 2 | ERS2HH3D1740, CCT=4000K, 120-240 VAC; ERS20H3D1740, CCT=4000K, 480 VAC | 6/15 | 6/20 | GE Lighting Systems<br>3010 Spartanburg Hwy<br>East Flat Rock, NC 28726<br>480-347-9765<br>GElighting.com |
| V-51B | 14094 | Evolve LED Roadway Light ERS 3 | ERS3HN3D1530, CCT=3000K, 120-240 VAC; ERS30N3D1530, CCT=3000K, 480 VAC | 6/15 | 6/20 | GE Lighting Systems<br>3010 Spartanburg Hwy<br>East Flat Rock, NC 28726<br>480-347-9765<br>GElighting.com |

| | | | | | | |
|---|---|---|---|---|---|---|
| V-51B | 15026 | Streetworks NVN Navion | STREET WORKS NVN AE 04 D U T3R 7030 10K 4N7 AP, CCT=3000K, 120-240 VAC; STREET WORKS NVN AE 04 D 8 T3R 7030 10K 4N7 AP, CCT=3000K, 480 VAC; STREET WORKS NVN AE 03 D U T3R 10K 4N7 AP, CCT=4000K, 120-240 VAC; STREET WORKS NVN AE 03 D 8 T3R 10K 4N7 AP, CCT=4000K, 480 VAC | 6/15 | 6/20 | Inverse Lighting & Eaton Cooper Lighting<br>1121 Highway 74 South<br>Peachtree City, GA 30269<br>623-695-9581<br>cooperindustries.com |

| | V-51C – Signal and Lighting – Luminaire – Horizontal Mount (LED Type 40L)<br>ADOT Specifications: In Development<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-51C | 14004 | Mongoose LED Luminaire | MGLED 7 4K 1 AS F L H W US, CCT=4000K, 120-240 and 480 VAC | 6/15 | 6/20 | Acuity Brands<br>1170 Peachtree Street, NE<br>Suite 2300<br>Atlanta, GA 30309<br>480-227-7823<br>acuitybrands.com |
| V-51C | 14094 | Evolve LED Roadway Light ERS 4 | ERS4HT3E1530, CCT=3000K, 120-240 VAC; ERS40T3E1530, CCT=3000K, 480 VAC; ERS4HQ3E1540, CCT=4000K, 120-240 VAC; ERS40Q3E1540, CCT=4000K, 480 VAC | 6/15 | 6/20 | GE Lighting Systems<br>3010 Spartanburg Hwy<br>East Flat Rock, NC 28726<br>480-347-9765<br>GElighting.com |
| V-51C | 15026 | Streetworks NVN Navion | STREETWORKS NVN AE 06 D U T3 7030 10K 4N7 AP, CCT=3000K, 120-240 VAC; STREETWORKS NVN AE 06 D 8 T3 7030 10K 4N7 AP, CCT=3000K, 480 VAC; STREETWORKS NVN AE 05 D U T3R 10K 4N7 AP, CCT=4000K, 120-240 VAC; STREETWORKS NVN AE 05 D 8 T3R 10K 4N7 AP, CCT=4000K, 480 VAC | 6/15 | 6/20 | Inverse Lighting & Eaton Cooper Lighting<br>1121 Highway 74 South<br>Peachtree City, GA 30269<br>623-695-9581<br>cooperindustries.com |

V-52 – Signal and Lighting – Luminaire – Vertical Mount (with Shield)
ADOT Specifications: 736 and Special Provisions
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-52 | 07114 | Mongoose | | 10/11 | 10/16 | Holophane<br>42425 N 10th Ave.<br>Phoenix, AZ 85086<br>(623) 465-9135 |

V-52A – Signal and Lighting – Luminaire – Bracket
ADOT Specifications: 736 and Special Provisions
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-52A | 06065 | All applicable products | Field Verification for Spec. and Std. & Shop Drawings | 12/11 | 12/16 | Ameron International<br>Pole Products Division<br>2333 South Yukon Street<br>Tulsa OK 74107<br>(918) 585-5611<br>http://www.ameronppd.com |
| V-52A | 06066 | All applicable products | Field Verification for Spec. and Std. & Shop Drawings | 1/12 | 1/17 | Cem-Tec<br>3745 South 7th Avenue<br>Phoenix AZ 85041<br>(602) 268-8895<br>http://www.cem-tec.com |
| V-52A | 12811 | All applicable products | Field Verification for Spec. and Std. & Shop Drawings | 1/12 | 1/17 | Hapco<br>26252 Hillman Highway<br>Abingdon VA 24210<br>(800) 368-7171<br>www.hapco.com |
| V-52A | 06068 | All applicable products | Field Verification for Spec. and Std. & Shop Drawings | 1/12 | 1/17 | Union Metal Corporation<br>1432 Maple Ave., NE<br>PO Box 9920<br>Canton OH 44705<br>(330) 456-7653<br>www.unionmetal.com |
| V-52A | 06094 | All applicable products | Field Verification for Spec. and Std. & Shop Drawings | 10/11 | 10/16 | Valmont Industries<br>PO Box 358, Bldg 516<br>7002 North 288th St.<br>Valley, NE 68064-0358<br>(800) 825-6668 |

V-53 – Signal and Lighting – Metal Junction Box
ADOT Specifications: 732
ADOT Drawings: Plan Detail Sheet
Responsible Section: Traffic Group

**PER PROJECT SPEC.**

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

V-54 – Signal and Lighting – Electrical Service Pedestal
ADOT Specifications: 734
ADOT Drawings: T.S. 3-8
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-54 | 06069 | CP3B11115A22 | | 1/12 | 1/17 | Milbank<br>Milbank Manufacturing Co.<br>PO Box 419028<br>Kansas City MO 64141-6028<br>(877) 483-5314 |
| V-54 | 06070 | MEUG16-100 | | 1/12 | 1/17 | Myers Power Products, Inc.<br>2950 E. Philadelphia Street<br>Ontario, CA 917161<br>(909) 923-1800 |
| V-54 | 06071 | USP16-M2100-112CTB | | 10/11 | 10/16 | Pacific Utility Products<br>2430 Railroad St.<br>Corona, CA 92880<br>(800) 860-6157 |
| V-54 | 06072 | 28-105 Low Profile | | 9/11 | 9/16 | TESCO Controls, Inc.<br>PO Box 299007<br>8440 Florin Road<br>Sacramento, CA 95829-9007<br>(916) 395-8800 |
| V-54 | 10022 | ECP111B11 | | 9/10 | 9/15 | Eaton Corporation<br>1000 Cherrington Parkway<br>Moon Township PA 15108<br>(574) 514-1954<br>(412) 893-2108 - Fax |
| V-54 | 09032 | CSP-116-10K | Strong Box Model | 9/10 | 9/15 | V.I.T. Products<br>2063 Wineridge Place<br>Escondido CA 92029<br>(760) 480-6702<br>(760) 480-0211 - Fax |

V-54A – Signal and Lighting – Uninterruptible Power Supply
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-54A | 06093 | All applicable products | | 1/12 | 1/17 | Alpha Technologies, Inc.<br>7700 Riverfront Gate<br>Burnaby, BC V5J 5M4<br>(800) 667-8743 |
| V-54A | 06073 | All applicable products | | 1/12 | 1/17 | Myers Power Products, Inc.<br>2950 E. Philadelphia Street<br>Ontario, CA 917161<br>(909) 923-1800 |
| V-54A | 06074 | All applicable products | | 9/11 | 9/16 | TESCO Controls, Inc.<br>PO Box 299007<br>8440 Florin Road<br>Sacramento, CA 95829-9007<br>(916) 395-8800 |
| V-54A | 13028 | SP1250LX-R/N | | 3/14 | 3/18 | Clary Corporation<br>150 E Huntington Drive<br>Monrovla CA 91016<br>(626) 359-4486<br>www.clary.com |

V-55A – Signal and Lighting – ADA Compliant Pedestrian Push Button
ADOT Specifications: None
ADOT Drawings: T.S. 11-1, 11-2
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-55A | 12039 | 4 EVR Solid State Pedestrian Push Button (without LED pilot light) | | 7/13 | 7/18 | Campbell Company<br>450 W. McGregor Dr.<br>Boise, ID 83705<br>(208) 345-7459<br>www.pedsafety.com |
| V-55A | 12041 | 400 H Cast Pedestrian Station | | 9/13 | 9/18 | Campbell Company<br>450 W. McGregor Dr.<br>Boise , ID 83705<br>208-345-7459<br>www.pedsafety.com |
| V-55A | 12742 | All applicable products | | 1/12 | 1/17 | Econolite Control Products<br>3360 East La Palma Ave.<br>Anaheim CA 92806-0150<br>(714) 630-3700 |

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|---|---|---|---|---|---|---|
| V-55A | 06075 | All applicable products | | 12/11 | 12/16 | McCain, Inc.<br>2365 Oakridge Way<br>Vista CA 92081<br>(760) 734-5027 |
| V-55A | 12785 | All applicable products | | 3/12 | 3/17 | Peek Traffic Corporation<br>2906 Corporate Way<br>Palmetto, FL 34221<br>(800) 245-7660 |
| V-55A | 06076 | All applicable products | | 10/11 | 10/16 | Siemens ITS<br>8004 Cameron Rd.<br>Austin TX 78753<br>(512) 837-8473<br>www.itssiemens.com |
| V-55A | 12042 | MPS 912 Modular Pedestrian Station | | 9/13 | 9/18 | Campbell Company<br>450 W. McGregor Dr.<br>Boise , ID 83705<br>208-345-7459<br>www.pedsafety.com |

| | V-55B – Signal and Lighting – Traffic Signal Poles and Mast arms (including Pedestrian Post)<br>ADOT Specifications: 731<br>ADOT Drawings: T.S. 4-1 through 4-23<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-55B | 06077 | All applicable products | | 12/11 | 12/16 | Ameron International<br>Pole Products Division<br>2333 South Yukon Street<br>Tulsa OK 74107<br>(918) 585-5611<br>http://www.ameronppd.com |
| V-55B | 06078 | All applicable products | | 1/12 | 1/17 | Cem-Tec<br>3745 South 7th Ave.<br>Phoenix AZ 85041<br>(602) 268-8895<br>http://www.cem-tec.com |
| V-55B | 06079 | All applicable products | | 12/11 | 12/16 | McCain, Inc.<br>2365 Oakridge Way<br>Vista CA 92081<br>(760) 734-5027 |
| V-55B | 05056<br>07098 | All applicable products | | 2/12 | 2/17 | Millerbernd Manufacturing Company<br>622 6th St. South<br>Winsted MN 55395<br>(320) 485-2111<br>(320) 485-4420-Fax |

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|---|---|---|---|---|---|---|
| V-55B | 06080 | All applicable products | | 1/12 | 1/17 | Union Metal Corporation<br>1432 Maple Ave., NE<br>PO Box 9920<br>Canton OH 44705<br>(330) 456-7653<br>www.unionmetal.com |
| V-55B | 06095 | All applicable products | | 10/11 | 10/16 | Valmont Industries<br>PO Box 358, Bldg 516<br>7002 North 288th St.<br>Valley, NE 68064-0358<br>(800) 825-6668 |

| | V-55C – Signal and Lighting – Traffic Light Poles and Mast arms (Steel)<br>ADOT Specifications: 731<br>ADOT Drawings: T.S. 4-1 through 4-23<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-55C | 06081 | All applicable products | | 12/11 | 12/16 | Ameron International<br>Pole Products Division<br>2333 South Yukon Street<br>Tulsa OK 74107<br>(918) 585-5611<br>http://www.ameronppd.com |
| V-55C | 06082 | All applicable products | | 1/12 | 1/17 | Cem-Tec<br>3745 South 7th Avenue<br>Phoenix AZ 85041<br>(602) 268-8895<br>http://www.cem-tec.com |
| V-55C | 05056<br>07098 | All applicable products | | 2/12 | 2/17 | Millerbernd Manufacturing Company<br>622 6th St. South<br>Winsted MN 55395<br>(320) 485-2111<br>(320) 485-4420-Fax |
| V-55C | 06083 | All applicable products | | 1/12 | 1/17 | Union Metal Corporation<br>1432 Maple Ave., NE<br>PO Box 9920<br>Canton OH 44705<br>(330) 456-7653<br>www.unionmetal.com |
| V-55C | 06096 | All applicable products | | 10/11 | 10/16 | Valmont Industries<br>PO Box 358, Bldg 516<br>7002 North 288th St.<br>Valley, NE 68064-0358<br>(800) 825-6668 |

V-55D – Signal and Lighting – Traffic Light Poles and Mast arms (Aluminum)
ADOT Specifications: 731
ADOT Drawings: T.S. 4-1 through 4-23
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-55D | 12812 | All applicable products | | 1/12 | 1/17 | Hapco<br>26252 Hillman Highway<br>Abingdon VA 24210<br>(800) 368-7171<br>www.hapco.com |
| V-55D | 06097 | All applicable products | | 10/11 | 10/16 | Valmont Industries<br>PO Box 358, Bldg 516<br>7002 North 288th St.<br>Valley, NE 68064-0358<br>(800) 825-6668 |

V-56 – Signal and Lighting – Ped Signal Face
ADOT Specifications:
ADOT Drawings: None
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-56 | 11073 | Dialight 430-6479-001X Countdown LED Ped Signal | | 6/11 | 6/16 | Dialight Corporation<br>1501 State Route 34 South<br>Farmingdale, NJ 07727<br>(732) 751-5810<br>www.dialight.com |
| V-56 | 11008 | Duralight JXM-400VIEIL Countdown LED Ped | | 7/11 | 7/16 | Trastar, Inc.<br>860 N Dorothy Drive, Suite 600<br>Richardson, TX 75081<br>(972) 480-0888<br>www.trastarusa.com |
| V-56 | 11099 | GE PS7-CFF1-26A Countdown LED Ped Signal | | 6/11 | 6/16 | GE Lighting Solutions<br>1975 Noble Road<br>East Cleveland, OH 44112<br>(916) 636-2021<br>www.LED.com |
| V-56 | 12108 | LED Pedestrian Countdown Module (TSL-PED-16-CIL-P1) | 16 inch incandescent look dual pedestrian (DIL); countdown pedestrian (CIL) signal. | 12/12 | 12/17 | Leotek<br>1955 Lundy Ave.San Jose, CA 95131 408.380.1788<br>www.leotek.com |
| V-56 | 11139 | Model TRP-C45D3154C10 Countdown LED Pedestrian Module | | 6/12 | 6/17 | Excellence Opto, Inc.<br>1663 West 2nd Street<br>Pomona, CA 91766<br>(909) 784-3333<br>(909) 784-3330 – Fax<br>www.eoius.com |

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| V-56 | 09063 | TP12H-HM<br>TP12B-EH<br>TP12B-WM | 12 inch full hand/man overlay (HM); full man (WM); full hand (EH) LED pedestrian indication. | 6/15 | 6/20 | Leotek<br>1955 Lundy Ave.San Jose, CA 95131 408.380.1788<br>www.leotek.com |

| | V-57 – Signal and Lighting – Photo Electric Controls<br>ADOT Specifications: 736-2.01D<br>ADOT Drawings: T.S. 3-4<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-57 | 12756 | 7790B-SSS | | 10/00 | 10/14 | FP Outdoor Lighting Controls / Sunrise Technologies<br>54 Commercial St.<br>Raynham MA 02767<br>(508) 821-1597<br>(508) 822-0593 – Fax<br>www.fpolc.com |
| V-57 | 02149 | Photocontrol DP Series | | 9/11 | 9/16 | American Electric Lighting<br>1335 Industrial Boulevard<br>Conyer GA 30012<br>(623) 465-9135 |
| V-57 | 12006 | Photo Electric Control | Conditional Approval | 3/13 | 3/18 | Ripley Lighting Controls<br>2023 Plant Springs Road<br>West Columbia, SC 29169<br>(803) 939-4700<br>www.RipleyLC.com |

| | V-58 – Signal and Lighting – Preformed Loop Detectors<br>ADOT Specifications: Special Provisions<br>ADOT Drawings: Plan Detail Sheet<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-58 | 12738 | All applicable products | | 1/12 | 1/17 | De-Tech Manufacturing, Inc.<br>P.O. Box 980<br>Silverton, OR 97381<br>(503) 873-5794 |
| V-58 | 06058 | Duraloop | | 3/12 | 3/17 | Duraloop<br>703 McClaine Ave, Ste F<br>Silverton, OR 97381<br>(541) 977-3243<br>www.duraloop.com |
| V-58 | 12773 | Hydraulic Hose Loop & Homerun | | 9/11 | 9/16 | Never Fail Loops<br>10100 SE Main St.<br>Milwaukie OR 97222<br>(503) 408-9248<br>(503) 408-1032 – Fax<br>www.neverfail.com |

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| V-58 | 12004 | Preformed Loop Detector (Model No. CG16MM) | Use for traffic counts but not for signal detection. | 6/12 | 6/17 | Patriot Detection, LLC<br>P.O. Box 1879<br>Pflugerville, TX 78691<br>(512) 846-1387<br>(512) 846-1389 – Fax<br>www.patriotdetection.com |
| V-58 | 12774 | Polypropylene Loop w/ Hydraulic Hose Homerun | | 9/11 | 9/16 | Never Fail Loops<br>10100 SE Main St.<br>Milwaukie OR 97222<br>(503) 408-9248<br>(503) 408-1032 – Fax<br>www.neverfail.com |
| V-58 | 10032 | RENO LOOPS | | 1/11 | 1/16 | RENO A&E<br>4655 Aircenter Circle<br>Reno NV 89502<br>775-826-2020<br>775-826-9191– Fax<br>www.renoae.com |

| | V-58A – Signal and Lighting – Vehicle Detection System<br>ADOT Specifications: Special Provisions<br>ADOT Drawings: Plan Detail Sheet<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-58A | 06084 | All applicable products | | 1/12 | 1/17 | Iteris, Inc.<br>1700 Carnegie Ave., Suite 100<br>Santa Ana, CA 92705-5551<br>(503) 551-2516<br>www.iteris.com |
| V-58A | 06085 | All applicable products | | 12/11 | 12/16 | Philips Lighting Company, A Division of Phillips Electronics North America Corporation<br>200 Franklin Square Drive<br>Somerset, NJ 08873<br>(732) 563-3000<br>www.philips.com |
| V-58A | 06086 | All applicable products | | 1/12 | 1/17 | AM Signal, Inc.<br>9935 Titan Park Circle<br>Littleton, CO 80125<br>(720) 348-6925 |
| V-58A | 09025 | Grid Smart | | 6/09 | 6/14 | Aldis Corporation<br>702 S. Illinois Ave., Suite 3101<br>Oak Ridge TN 37830<br>(865) 482-2112<br>http://aldiscorp.com/ |
| V-58A | 12740 | Rackvision | Only | 1/12 | 1/17 | ECONOLITE CONTROL PRODUCTS, INC.<br>3360 E. La Palma Ave.<br>Anaheim CA 92806<br>(714) 630-3700 |

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| V-58A | 11142 | Wavetronix Smart Sensor Advance | | 7/13 | 7/18 | Wavetronix, Inc.<br>78 East 1700 South<br>Provo, UT 84606<br>(801) 764-0208<br>www.wavetronix.com |
| V-58A | 11146 | Wavetronix Smart Sensor Matrix | | 7/13 | 7/18 | Wavetronix, Inc.<br>78 East 1700 South<br>Provo, UT 84606<br>(801) 764-0208<br>www.wavetronix.com |

| | V-59 – Signal and Lighting – Light Duty (LD) Pull Box/Extension<br>ADOT Specifications:<br>ADOT Drawings: T.S. 1-1<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-59 | 10078 | A6001946AX12 5/LD<br>A6001640AX12 7/LD | 12-inch box. May use 18-inch box or 8-inch extension as needed. | 4/11 | 4/16 | Armorcast Products Company<br>13230 Saticoy Street<br>North Hollywood CA 91605<br>(818) 982-3600<br>www.armorcastprod.com |
| V-59 | 10043 | CDR Series<br>A30132412APT1 5/LD<br>A30173012APT1 7/LD | 12-inch box. May use 18-inch box or 8-inch extension as needed. | 4/11 | 4/16 | Hubbell Enclosures Inc<br>3621 Industrial Park Dr.<br>Lenoir City TN 37771<br>(760) 305-3149<br>www.hubbell.com |
| V-59 | 10071 | 132412PC - Tier 8 | 12-inch box. | 4/11 | 4/16 | Martin Enterprises<br>27235 Watson Road<br>Romoland CA 92585<br>(719) 488-8700<br>www.martinfrp.com |
| V-59 | 10072 | 132418PC - Tier 8 | 18-inch box. Alternate depth to 132412PC - Tier 8. | 4/11 | 4/16 | Martin Enterprises<br>27235 Watson Road<br>Romoland CA 92585<br>(719) 488-8700<br>www.martinfrp.com |
| V-59 | 10073 | 173012PC - Tier 8 | 12-inch box. | 4/11 | 4/16 | Martin Enterprises<br>27235 Watson Road<br>Romoland CA 92585<br>(719) 488-8700<br>www.martinfrp.com |
| V-59 | 10074 | 173018PC - Tier 8 | 18-inch box. Alternate depth to 132412PC - Tier 8. | 4/11 | 4/16 | Martin Enterprises<br>27235 Watson Road<br>Romoland CA 92585<br>(719) 488-8700<br>www.martinfrp.com |

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| V-59 | 10105 | FCA132412T-9000 5/LD<br>FCA173012T-90007/HD | 12-inch box. May use 18-inch box or 8-inch extension as needed. | 4/11 | 4/16 | New Basis<br>2626 Kansas Ave<br>Riverside CA 92507<br>(951) 787-0600<br>www.newbasis.com |
| V-59 | 10077 | Fibrelyte FL30TBOX12, FL30T, FL36TBOX12, FL36T | | 7/11 | 7/16 | Oldcastle<br>801 South Pine Street<br>Madera CA 93637<br>(800) 735-5566<br>www.oldcastleprecast.com/enclosuresolutions |

| | V-60 – Signal and Lighting – Heavy Duty (HD) Pull Box/Extension<br>ADOT Specifications:<br>ADOT Drawings: T.S. 1-2<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-60 | 10078 | A6001946TAPCX12 5/HD<br>A6001640TAPCX12 7/HD | 12-inch box. May use 18-inch box or 8-inch extension as needed. | 4/11 | 4/16 | Armorcast Products Company<br>13230 Saticoy Street<br>North Hollywood CA 91605<br>(818) 982-3600<br>www.armorcastprod.com |
| V-60 | 10076 | Carson H1324-12 5/ HD<br>H1324-P1<br><br>H1730-12 7/HD<br>H1730-P1 | 12-inch box. May use 18-inch box or 9-inch extension as needed. | 8/11 | 8/16 | Oldcastle<br>801 South Pine Street<br>Madera CA 93637<br>(800) 735-5566<br>www.oldcastleprecast.com/enclosuresolutions |
| V-60 | 11136 | Highline<br>PHA132412X01CT 5/HD<br>PHA173012X01CT 7/HD | 12-inch box. May use 18-inch box or 8-inch extension as needed. | 9/13 | 9/18 | Highline Products<br>131 Hartwell Ave<br>Lexington, MA 02421<br>925-719-8680<br>www.highlineproducts.com |
| V-60 | 10042 | Quazite Series<br>PG1324Z578PT1 5/HD<br>PG1730Z703PT1 7/HD | 12-inch box. May use 18-inch box or 8-inch extension as needed. | 4/11 | 4/16 | Hubbell Enclosures Inc<br>3621 Industrial Park Dr.<br>Lenoir City TN 37771<br>(760) 305-3149<br>www.hubbell.com |
| V-60 | 10066 | 132412PC Tier 22 | 12-inch box. May use 18-inch depth or 8-inch extension as needed. | 4/11 | 4/16 | Martin Enterprises<br>27235 Watson Road<br>Romoland CA 92585<br>(719) 488-8700<br>www.martinfrp.com |
| V-60 | 10067 | 132418PC - Tier 22 | 18-inch box. Alternate depth to 132412PC Tier 22. | 4/11 | 4/16 | Martin Enterprises<br>27235 Watson Road<br>Romoland CA 92585<br>(719) 488-8700<br>www.martinfrp.com |

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| V-60 | 10068 | 173012PC - Tier 22 | 12-inch box. May use 18-inch depth or 8-inch extension as needed. | 4/11 | 4/16 | Martin Enterprises<br>27235 Watson Road<br>Romoland CA 92585<br>(719) 488-8700<br>www.martinfrp.com |
| V-60 | 10069 | 173018PC - Tier 22 | 18-inch box. Alternate depth to 173012PC - Tier 22. | 4/11 | 4/16 | Martin Enterprises<br>27235 Watson Road<br>Romoland CA 92585<br>(719) 488-8700<br>www.martinfrp.com |
| V-60 | 10105 | PCA132412-900025/HD<br>PCA173012-900087/HD | 12-inch box. May use 18-inch box or 8-inch extension as needed. | 4/11 | 4/16 | New Basis<br>2626 Kansas Ave<br>Riverside CA 92507<br>(951) 787-0600<br>www.newbasis.com |

| | V-61 – Signal and Lighting – Roadway Loop Detector Wire<br>ADOT Specifications:<br>ADOT Drawings: T.S. 7-1<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-61 | 11071 | Falcon IMSA 51-7 | | 12/11 | 12/16 | Falcon Fine Wire<br>2401 Discovery Blvd.<br>Rockwall, TX 75032<br>800-874-7230<br>falconfinewire.com |
| V-61 | 11072 | CCI IMSA 51-7 | | 12/11 | 12/16 | Coleman Cable<br>1530 Shields Dr.<br>Waukegan, IL 60085<br>800-323-9355<br>colemancable.com |

| | V-63 – Signal and Lighting – Structural Supports For Traffic Signals & Highway Lighting<br>ADOT Specifications: 731<br>ADOT Drawings: T.S. 4-1 through 4-16<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-63 | 07120 | 100 ft High Mast Pole | 100-foot support for high mast lighting | 6/15 | 6/20 | Carolina High Mast, Inc.<br>700 E. Mcleroy<br>Saginaw TX 76179<br>(480) 368-9909 |
| V-63 | 12719 | All applicable products | | 12/11 | 12/16 | Ameron International<br>Pole Products Division<br>2333 South Yukon Street<br>Tulsa OK 74107<br>(918) 585-5611<br>http://www.ameronppd.com |

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| V-63 | 12731 | All applicable products | | 1/12 | 1/17 | Cemtec<br>3745 S. 7th Ave.<br>Phoenix AZ 85041<br>(602) 268-8895<br>http://www.cem-tec.com |
| V-63 | 12806 | All applicable products | | 1/12 | 1/17 | Union Metal Corp.<br>1432 Maple Ave. N.E.<br>Canton, OH 44705<br>(330) 456-7653<br>www.unionmetal.com |
| V-63 | 12809 | All applicable products | | 10/11 | 10/16 | Valmont Industries<br>PO Box 358, Bldg 516<br>7002 North 288th St.<br>Valley, NE 68064-0358<br>(800) 825-6668 |
| V-63 | 03034 | Aluminum Light Poles Types “G”, “H”, & “I” | | 1/11 | 1/16 | Hapco Aluminum Pole Products<br>26252 Hillman Highway<br>Abingdon VA 24210<br>(800) 368-7171<br>(540) 628-7707 – Fax |
| V-63 | 05056<br>07098 | All applicable products | | 2/12 | 2/17 | Millerbernd Manufacturing Company<br>622 6th St. South<br>Winsted MN 55395<br>(320) 485-2111<br>(320) 485-4420-Fax |

| | V-66 – Signal and Lighting – Traffic Signal Face<br>ADOT Specifications: 733<br>ADOT Drawings: T.S. 8-1 and 8-2<br>Responsible Section: Traffic Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-66 | 12119 | 8” and 12” Aluminum Traffic Signals | | 12/13 | 12/18 | Chapel Hill Manufacturing<br>1 Industrial Way<br>Spring TX 77385<br>800-863-3999 |
| V-66 | 07011 | 12" Aluminum Vehicle Traffic Signal | Approved only with minimum 11 inch visor length | 7/13 | 7/18 | General Traffic Equipment, Inc.<br>259 Broadway<br>Newburgh NY 12550<br>(845) 569-9000 |
| V-66 | 12742 | All 8” and 12” Aluminum Traffic Signals | | 1/12 | 1/17 | Econolite Control Products<br>3360 East La Palma Avenue<br>Anaheim CA 92806-0150<br>(714) 630-3700<br>(714) 630-6349 – Fax |

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| V-66 | 02028 | All 8" and 12" Aluminum Traffic Signals | | 3/11 | 3/16 | McCain, Inc.<br>2365 Oak Ridge Way<br>Vista CA 92081<br>(760) 727-8100<br>(760) 727-8264 – Fax<br>www.mccain-inc.com |
| V-66 | 12785 | All 8" and 12" Aluminum Traffic Signals | | 3/12 | 3/17 | Peek Traffic Corporation<br>2906 Corporate Way<br>Palmetto, FL 34221<br>(800) 245-7660 |

| | V-66A – Signal and Lighting – LED Signal Module<br>ADOT Specifications: 733<br>ADOT Drawings: T.S. 8 Series<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-66A | 10061 | 12" LED YELLOW CIRCULAR SIGNAL MODULE-PN100#TRV-Y12SG-D1T | | 1/11 | 1/16 | Excellence Opto, Inc.<br>1663 West 2nd Street<br>Pomona CA 91766<br>909-784-3333<br>909-784-3330 – Fax<br>www.eoius.com |
| V-66A | 07030 | * TRV-R12SG-D2T (12-inch red ball)<br>* TRV-G12SG-D2T (12-inch green ball)<br>* TRA-R12DG-IN (12-inch red arrow)<br>* TRA-G12DG-IN (12-inch green arrow) | | 8/13 | 8/18 | Excellence Opto, Inc.<br>1663 West 2nd Street<br>Pomona, CA 91766<br>(909) 784-3333<br>(909) 784-3330 – Fax<br>www.eoius.com |
| V-66A | 10062 | TRA-12YDG-IN2 Yellow Arrow | | 7/11 | 7/16 | Excellence Opto, Inc.<br>1663 West 2nd Street<br>Pomona, CA 91766<br>909-784-3333<br>(909) 784-3330 – Fax<br>www.eoius.com |
| V-66A | 02087<br>06087 | All applicable products | | 1/11 | 1/16 | Act One<br>12735 Schabarum Ave.<br>Irwindale CA 91706<br>(888) 228-6631 |
| V-66A | 06088 | All applicable products | | 6/15 | 6/20 | Dialight Corp.<br>1501 Route 34 South<br>Farmingdale NJ 07727<br>(732) 919-3119<br>www.dialight.com |

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| V-66A | 11002 | Duralight 12" Red Traffic Signal Ball, Clear, JXC300-HFR-C | | 12/11 | 12/16 | TraStar, Inc.<br>860 N Dorothy Drive Suite 600<br>Richardson, TX 75081<br>(972) 480-0888<br>www.trastarusa.com |
| V-66A | 11003 | Duralight 12" Yellow Traffic Signal Ball, Clear, JXC300-HFY-C | | 12/11 | 12/16 | TraStar, Inc.<br>860 N Dorothy Drive Suite 600<br>Richardson, TX 75081<br>(972) 480-0888<br>www.trastarusa.com |
| V-66A | 11004 | Duralight 12" Green Traffic Signal Ball, Clear, JXC300-HFG-C | | 12/11 | 12/16 | TraStar, Inc.<br>860 N Dorothy Drive Suite 600<br>Richardson, TX 75081<br>(972) 480-0888<br>www.trastarusa.com |
| V-66A | 11005 | Duralight 12" Red LED Traffic Signal Arrow, Clear, JXJ300-07R03 | | 12/11 | 12/16 | TraStar, Inc.<br>860 N Dorothy Drive Suite 600<br>Richardson, TX 75081<br>(972) 480-0888<br>www.trastarusa.com |
| V-66A | 11006 | Duralight 12" Yellow LED Traffic Signal Arrow, Clear, JXJ300-07Y03 | | 12/11 | 12/16 | TraStar, Inc.<br>860 N Dorothy Drive Suite 600<br>Richardson, TX 75081<br>(972) 480-0888<br>www.trastarusa.com |
| V-66A | 11007 | Duralight 12" Green LED Traffic Signal Arrow, Clear, JXJ300-07G03 | | 12/11 | 12/16 | TraStar, Inc.<br>860 N Dorothy Drive Suite 600<br>Richardson, TX 75081<br>(972) 480-0888<br>www.trastarusa.com |
| V-66A | 11090 | DR6-RTFB-17A (Red/Tinted)<br>DR6-RCFB-17A (Red/Clear)<br>DR6-YTFB-17A-YX1 (Yellow/Tinted)<br>DR6-YCFB-17A-YX1 (Yellow/Clear)<br>DR6-GTFB-17A (Green, Tinted)<br>DR6-GCFB-17A (Green/Clear) | GT1 Series<br>12-inch<br>Circular | 12/11 | 12/16 | GE Lighting Solutions<br>1975 Noble Road<br>East Cleveland, OH 44112<br>(916) 206-8208<br>www.LED.com |

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| V-66A | 11090 | DR6-RTFB-77A (Red/Tinted) DR6-RCFB-77A (Red/Clear) DR6-YTFB-77A (Yellow/Tinted) DR6-YCFB-77A (Yellow/Clear) DR6-GTFB-77A (Green/Tinted) DR6-GCFB-77A (Green/Clear) | GTx Series 12-inch Circular | 12/11 | 12/16 | GE Lighting Solutions 1975 Noble Road East Cleveland, OH 44112 (916) 206-8208 www.LED.com |
| V-66A | 11098 | DR6-RTAAN-17A (Red/Tinted) DR6-RCAAN-17A (Red/Clear) DR6-YTAAN-17A-YX (Yellow/Tinted) DR6-YCAAN-17A-YX (Yellow/Clear) DR6-GTAAN-17A (Green/Tinted) DR6-GCAAN-17A (Green/Clear) | GT1 Series 12-inch Arrow | 12/11 | 12/16 | GE Lighting Solutions 1975 Noble Road East Cleveland, OH 44112 (916) 206-8208 www.LED.com |
| V-66A | 14016 | LED Traffic Signal Modules; 12" Balls and arrows; 8" Balls | | 3/15 | 3/20 | Leotek Electronics USA 1955 Lundy Avenue San Jose, CA 95131 408.380.1788 www.leotek.com |
| V-66A | 11172 | TSL-12R-LX-IL6-AI-P2 (Tinted or Clear) TSL-12Y-LX-IL6-AI-P2 (Tinted or Clear) TSL-12G-LX-IL6-AI-P2 (Tinted or Clear) TSL-12RA-IL6-AI (Tinted or Clear) TSL-12YA-IL6-AI (Tinted or Clear) TSL-12GA-IL6-AI (Tinted or Clear) | | 12/12 | 12/17 | Leotek 1955 Lundy AvenueSan Jose, CA 95131408.380.1788 www.leotek.com |

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| | V-66B – Signal and Lighting – Programmable Visibility Traffic Signals<br>ADOT Specifications:<br>ADOT Drawings: T.S. 8<br>Responsible Section: Traffic Group | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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| V-66B | 11100 | DR3-RCFB-01A (PV/Red/Clear) DR3-YCFB-01A (PV/Yellow/Clear) DR3-GCFB-01A (PV/Green/Clear | LED Modules for PV Signals | 12/11 | 12/16 | GE Lighting Solutions<br>1975 Noble Road<br>East Cleveland, OH 44112<br>(916) 206-8208<br>www.LED.com |

| | V-67 – Signal and Lighting – Traffic Signal Mounting Assemblies<br>ADOT Specifications: 733<br>ADOT Drawings: T.S. 9-1 through 9-9<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-67 | 12742 | All applicable products | | 1/12 | 1/17 | Econolite Control Products<br>3360 East La Palma Avenue<br>Anaheim CA 92806-0150<br>(714) 630-3700<br>(714) 630-6349 – Fax |
| V-67 | 02050 | Traffic Signal Frame Work | | 12/11 | 12/16 | McCain, Inc.<br>2365 Oakridge Way<br>Vista CA 92081<br>(760) 734-5027 |

| | V-68 – Signal and Lighting – Underdeck Lighting<br>ADOT Specifications: Special Provisions<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-68 | 12760 | Versaflood II Wallighter | | 1/12 | 1/17 | General Electric – Lighting Systems Dept.<br>Spartanburg Highway<br>Hendersonville NC 28792<br>(800) 437-8625 |
| V-68 | 12764 | Wallpack IV Module 600 | | 3/13 | 3/18 | Holophane, Manville<br>42425 N 10th Ave.<br>Phoenix, AZ 85086<br>(623) 465-9135 |

| | V-69 – Signing – Breakaway Assembly<br>ADOT Specifications: None<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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| V-69 | 04042 | Break-Out (Flush Mount Post Coupler) | | 9/11 | 9/16 | Sign Support Systems Corporation<br>PO Box 8041<br>Greensboro, North Carolina 27419<br>(866) 549-7706<br>(336) 674-6690-Fax |
| V-69 | 01096 | Break-Safe | | 9/09 | 9/14 | Transpo Industries<br>20 Jones Street<br>New Rochelle NY 10801<br>(914) 636-1000<br>(914) 636-1282 – Fax<br>www.transpo.com |
| V-69 | 06009 | Kleen Break Model 425 | | 7/13 | 7/18 | Xcessories Squared Dev. & Mfg., Inc.<br>P.O. BOX 135<br>Auburn IL 62615<br>1-800-621-7948 |
| V-69 | 06008 | Redi-Torque Model 280 Slip Base | | 10/12 | 10/17 | Xcessories Squared Dev. & Mfg., Inc.<br>P.O. Box 135<br>Auburn IL 62615<br>1-800-621-7948 |
| V-69 | 01098 | Slip-Mate | | 4/13 | 4/18 | Ultimate Highway Solutions<br>14080 172nd Avenue<br>Grand Haven MI 49417<br>(800) 730-4939<br>(815) 461-9101 - Fax |
| V-69 | 06006 | S-Q Post Square Slipbase Sign Support System | | 7/13 | 7/18 | Trinity Highway Products, LLC<br>950 W 400 S<br>Centerville, UT 84014<br>360-943-9559<br>www.highwayguardrail.com |
| V-69 | 08021 | SNAP'n SAFE Breakaway Sign Post Coupler | | 6/11 | 6/16 | Designovations Inc.<br>7339 Wildwood Rd.<br>Stillman Valley, IL 61084<br>815-645-8598<br>http://www.designovations.com/ |
| V-69 | 01097 | Triangular, Multi-directional Slip Base | | 3/12 | 3/17 | Xcessories Squared Dev. & Mfg., Inc.<br>P.O. Box 135<br>Auburn IL 62615<br>(800) 621-7948 |

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| | V-69A – Signing – Breakaway Assembly Components<br>ADOT Specifications: None<br>ADOT Drawings: None<br>Responsible Section: Traffic Group |

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2015****
**IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV**

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-69A | 01080 | Dent Breakaway Bolt | | 9/11 | 9/16 | Dent Breakaway Industries<br>P.O. Box 6007<br>Farmington, New Mexico 87499<br>(505) 486-0476<br>Fax (423) 383-0681 |
| V-69A | 11178 | Dent Fuse Plate | | 3/12 | 3/17 | Dent Breakaway Industries<br>P.O. Box 6007<br>Farmington, New Mexico 87499<br>(505) 486-0476<br>Fax (423) 383-0681 |
| V-69A | 10039 | Dent Universal Base System (DUB 7.5) | | 7/11 | 7/16 | Dent Breakaway Industries<br>PO Box 6007<br>Farmington, NM 87499<br>(505) 486-0476<br>http://www.dentbreakaway.com/ |
| V-69A | 06009 | Kleen Break Model 425 | | 7/13 | 7/18 | Xcessories Squared Dev. & Mfg., Inc.<br>P.O. BOX 135<br>Auburn IL 62615<br>1-800-621-7948 |

V-72 – Signing – P1 Post (Single)
ADOT Specifications: 607
ADOT Drawings: 4-S-4.16
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| V-72 | 12715 | Telespar | | 1/11 | 1/16 | Allied Tube & conduit<br>16100 S. Lathrop Ave<br>Harvey IL 60426<br>(800) 882-5543 |
| V-72 | 11067 | Ulti-Mate Sign Support System | 10 & 12 gauge are approved. The 14 gauge is not approved. | 12/11 | 12/16 | Ultimate Highway Products<br>10680 Fern Avenue<br>Stanton, CA 90680<br>(800) 730-4939 |
| V-72 | 13082 | Perforated Steel Sign Post | | 3/15 | 3/20 | S-Square Tube Products<br>P.O. Box 306<br>Commerce City, CO 80037<br>(303) 286-7051<br>www.s-squaretube.com |

V-73 – Signing – P2 Post (Telescoping)
ADOT Specifications: 607
ADOT Drawings: 4-S-4.16
Responsible Section: Traffic Group

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
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| V-73 | 01001 | Perforated Steel Square Tubing | Breakaway sign supports for small signs. | 5/08 | 5/13 | Allied Tube & conduit<br>16100 S. Lathrop Ave<br>Harvey IL 60426<br>(800) 882-5543 |
| V-73 | 02012 | S-Square System | | 12/11 | 12/16 | S-Square Tube Products<br>P.O. Box 306<br>Commerce City, CO 80037<br>(303) 286-7051<br>www.s-squaretube.com |
| V-73 | 98903 | Ulti-Mate Sign Support System | System (12 gage) perforated sign post 12 gage | 1/11 | 1/16 | Ultimate Highway Products, Inc.<br>10650 Fern Avenue<br>P.O. Box 7<br>Stanton CA 90680<br>(800) 730-4939<br>(815) 462-9562 - Fax |
| V-73 | 12715 | Telespar | | 1/11 | 1/16 | Allied Tube & conduit<br>16100 S. Lathrop Ave<br>Harvey IL 60426<br>(800) 882-5543 |
| V-73 | 03075 | Perforated Square Sign Post Systems | Approved only for 12 gauge steel, square tubing sizes from 1 ¾" to 2 ½". | 10/13 | 10/18 | Trinity Highway Products, LLC<br>2525 Stemmons Freeway<br>DallasTX 75207<br>(800) 527-6050 |
| V-73 | 13082 | Perforated Steel Sign Post | | 3/15 | 3/20 | S-Square Tube Products<br>P.O. Box 306<br>Commerce City, CO 80037<br>(303) 286-7051<br>www.s-squaretube.com |

| | V-74 – Signing – Reflective Sheeting – Fluorescent Orange Prismatic<br>ADOT Specifications: 608, AASHTO M268-93<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-74 | 05027 | 3M Diamond Grade DG Series 4090 – Fluorescent Orange | | 5/11 | 5/16 | 3M Company<br>3M Center Bldg 225-55-08<br>St. Paul Minnesota 55144-1000<br>(480)221.5407<br>(480)705.5291-fax |
| V-74 | 03028 | 3M Diamond Grade Fluorescent Work Zone Sheeting 3924s – Fluorescent Orange | | 5/11 | 5/16 | 3M Corp. – Traffic Control Materials Division<br>3M Center Bldg. 225-5S-08<br>P.O. Box 33225<br>St. Paul MN 55133-3225<br>(480) 705-5290<br>(480-705-5291 – Fax |
| V-74 | 03029 | Crystal Grade Prismatic Retroreflective Sheeting 92000 Series – 92847 – Fluorescent Orange | | 4/15 | 4/20 | Nippon Carbide Industries (USA) Inc.<br>12981 E. Florence Ave.<br>Santa Fe Springs CA 90670<br>(562) 777-1810<br>(562) 777-1811– Fax |

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| V-74 | 01067<br>03030<br>03031 | T-7000 MVP Series – Fluorescent Orange | | 7/13 | 7/18 | Avery Dennison<br>Reflective Products Division<br>7542 N. Natchez Ave.<br>Niles IL 60714<br>(847) 627-3111<br>http://www.averydennison.com |
| V-74 | 05052 | Omni-View (T-9500) Series Retroreflective Sheeting – Fluorescent Orange | | 2/13 | 2/18 | Avery Dennison<br>Reflective Products Division<br>7542 N. Natchez Ave.<br>Niles IL 60714<br>(847) 627-3111<br>http://www.averydennison.com |
| V-74 | 03032 | 3M Diamond Grade VIP (Visual Impact Performance) Reflective Sheeting Series 3990 – Fluorescent Orange | | 5/11 | 5/16 | 3M Corp. – Traffic Control Materials Division<br>3M Center Bldg. 225-5S-08<br>P.O. Box 33225<br>St. Paul MN 55133-3225<br>(480) 705-5290<br>(480-705-5291 – Fax |

| | V-75 – Signing – Reflective Sheeting – Prismatic (ASTM 4956 Type IX)<br>ADOT Specifications: AASHTO M268-93<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-75 | 05027 | 3M Diamond Grade DG$^3$ Series 4090 | Approved for white, yellow, green, blue, red, fluorescent yellow, fluorescent orange. | 5/11 | 5/16 | 3M Company<br>3M Center Bldg 225-55-08<br>St. Paul Minnesota 55144-1000<br>(480)221.5407<br>(480)705.5291-fax |
| V-75 | 03032 | 3M Diamond Grade VIP (Visual Impact Performance) Reflective Sheeting Series 3990 | All Standard Colors | 5/11 | 5/16 | 3M Corp. – Traffic Control Materials Division<br>3M Center Bldg. 225-5S-08<br>P.O. Box 33225<br>St. Paul MN 55133-3225<br>(480) 705-5290<br>(480-705-5291 – Fax |
| V-75 | 03112 | 3M Series 3980 Wide Angle Prismatic Fluorescent | 3981 is Diamond Grade™ Fluorescent Yellow VIP sheeting. 3983 is Diamond Grade™ Fluorescent Yellow-Green VIP sheeting. 10-year warranty for both products | 5/11 | 5/16 | 3M Company<br>3M Center Bldg 225-55-08<br>St. Paul Minnesota 55144-1000<br>(480)221.5407<br>(480)705.5291-fax |
| V-75 | 09022 | Nikkalite CRG 95000 | | 4/15 | 4/20 | Nippon Carbide Industries, Inc.<br>12981 E. Florence Ave.<br>Santa Fe Springs CA 90670<br>(800) 821-4264 ext. 28<br>(888) 330-7119 – Fax<br>http://www.nikkalite.com/ |

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| V-75 | 05052 | Omni-View (T-9500) Series Retroreflective Sheeting | | 2/13 | 2/18 | Avery Dennison<br>Reflective Products Division<br>7542 N. Natchez Ave.<br>Niles IL 60714<br>(800) 327-5917<br>(847) 647-7717<br>(847) 647-1205 – Fax<br>http://www.reflectives.averydennison.com/ |

| | V-75P – Signing – Reflective Sheeting – Type XI Prismatic<br>ADOT Specifications: ASTM 4956 Type XI<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-75P | 05027 | 3M Diamond Grade DG$^3$ Series 4090 | | 5/11 | 5/16 | 3M Company<br>3M Center Bldg 225-55-08<br>St. Paul Minnesota 55144-1000<br>(480)221.5407<br>(480)705.5291-fax |
| V-75P | 11021 | OmniCube T-11500 series | | 7/11 | 7/16 | Avery Dennison<br>7542 North Natchez Ave<br>Niles, IL 60714<br>(800) 327-5917<br>http://www.reflectives.averydennison.com/ |

| | V-77M – Signing – Reflective Sheeting – Type VI (Roll-up Grade 1)<br>ADOT Specifications: AASHTO M268-93<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-77M | 12705 | Diamond Grade RS 24 | | 3/13 | 3/18 | 3M Traffic Safety Systems Division<br>3M Center Bldg. 235-3A-09<br>St. Paul MN 55144-1000<br>(800) 553-1380<br>http://www.3m.com/ |

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| V-77M | 12780 | ORALITE Marathon (formerly Reflexite Marathon) | | 5/12 | 5/17 | ORAFOL Americas Inc.<br>120 Darling Drive<br>Avon, CT 06001<br>(800) 654-7570<br>(800) 895-0951 – Fax<br>www.orafolamericas.com |
| V-77M | 12781 | ORALITE Roll-up Sign Sheeting (formaerly Reflexite Roll-up Sign Sheeting) | Individual roll-up sign fabricated from this material will be examined individually via the product evaluation program. | 5/12 | 5/17 | ORAFOL Americas Inc.<br>120 Darling Drive<br>Avon, CT 06001<br>(800) 654-7570<br>(800) 895-0951 – Fax<br>www.orafolamericas.com |

| | V-77N – Signing – Reflective Sheeting – Type VI (Roll-up Grade 2)<br>ADOT Specifications: AASHTO M268- 93<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-77N | 02026 | Nikkalite Crystal Grade 92802 | | 9/11 | 9/16 | Nippon Carbide Industries, USA<br>12981 E. Florence Ave.<br>Santa Fe Springs, CA 90670<br>(800) 821-4264 |
| V-77N | 12782 | ORALITE Super Brite (formerly Reflexite Super Brite) | | 5/12 | 5/17 | ORAFOL Americas Inc.<br>120 Darling Drive<br>Avon, CT 06001<br>(800) 654-7570<br>(800) 895-0951 – Fax<br>www.orafolamericas.com |
| V-77N | 12706 | Series RS 30 | | 3/13 | 3/18 | 3M Traffic Safety Systems Division<br>3M Center Bldg. 235-3A-09<br>St. Paul MN 55144-1000<br>(800) 553-1380<br>http://www.3m.com/ |

| | V-77Q – Signing – Reflective Sheeting – Type VIII Prismatic<br>ADOT Specifications: ASTM 4956 Type VIII<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
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| | V-78 **–** Signing – Sign Panels<br>ADOT Specifications: 608<br>ADOT Drawings: None<br>Responsible Section: Traffic Group | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
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| | V-78M **–** Signing – Aluminum Flat Sign Mounting Hardware<br>ADOT Specifications: None<br>ADOT Drawings: See S-9 Drawing at http://www.azdot.gov/Highways/Traffic/SMStds.asp<br>Responsible Section: Traffic Group | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| V-78M | 11174 | Pole Cat | | 9/12 | 9/17 | Xcessories Squared Development & Mfg, Inc.<br>P.O. Box 135<br>Auburn, IL 62615<br>(217) 438-3535<br>www.x-sgrd.com |
| V-78M | 93123 | Signfix System | Not to be used with 3M VHB tape. | 12/11 | 12/16 | BAND-IT – IDEX, Inc.<br>4799 Dahlia Street<br>Denver CO 80216<br>(800) 525-0758<br>(303) 320-4555<br>(303) 333-6549 – Fax<br>http://www.band-it-idex.com |

**Category: Y – Landscape Architectural Materials**

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| | Y-2 **–** Dust/Wind Erosion Control and Soil Stabilizers<br>ADOT Specifications: 209-3<br>ADOT Drawings: None<br>Responsible Section: Roadside Development<br>*Note: Currently, ADOT does not have specifications for this category and is not taking applications for this category at this time.*<br>*The Applicant is referred to Section 209-3, in the ADOT Standard Specifications, fourth paragraph, for additional information.* | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| | | | Preliminary, interim, final stage notes | | | |

Y-3A – Pesticides: Pre-Emergent Herbicides
ADOT Specifications: 803, 806, 807, Roadside Vegetation Management Program Manual, 9/1988
ADOT Drawings: None
Responsible Section: Roadside Development
*Note: Must meet U.S. Forest Service and Bureau of Land Management environmental clearances.*

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

Y-3B – Pesticides: Post-Emergent Herbicides
ADOT Specifications: 803, 806, 807, Roadside Vegetation Management Program Manual, 9/1988
ADOT Drawings: None
Responsible Section: Roadside Development
*Note: Must meet U.S. Forest Service and Bureau of Land Management environmental clearances.*

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

Y-3C – Pesticides: Insecticides
ADOT Specifications: 803, 806, 807, Roadside Vegetation Management Program Manual, 9/1988
ADOT Drawings: None
Responsible Section: Roadside Development
*Note: Must meet U.S. Forest Service and Bureau of Land Management environmental clearances.*

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

Y-3D – Pesticides: Fungicides
ADOT Specifications: 803, 806, 807, Roadside Vegetation Management Program Manual, 9/1988
ADOT Drawings: None
Responsible Section: Roadside Development
*Note: Must meet U.S. Forest Service and Bureau of Land Management environmental clearances.*

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

Y-3E – Pesticides: Rodenticides
ADOT Specifications: 806, 807. See Special Provisions.
ADOT Drawings: None
Responsible Section: Roadside Development
*Note: Must meet U.S. Forest Service and Bureau of Land Management environmental clearances.*

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2015****
**IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV**

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

Y-4 – Topsoil/soil Amendments
ADOT Specifications: 804, 805, 806
ADOT Drawings: None
Responsible Section: Roadside Development
*Note: Material composition in the special provisions for products in Category Y-4 may vary in accordance with the soil analysis and may be used for seeding, topsoil, and plating/backfill.*
Note: The Manufacturer/Supplier will have to meet the requirements and specifications, as listed in the Project Special Provisions, for products in this category.

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

Y-5A – Seeding: Tacking Agent
ADOT Specifications: 805
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | AZ-TAC | | | | |
| | | M-Binder | | | | |
| | | M145 Binder | | | | |
| Y-5A | 13021 | FiberRX | | 3/15 | 3/20 | Hydrostraw LLC<br>3676 W 9000 N Road<br>Manteno,IL 60950<br>(800) 545-1755<br>www.hydrostraw.com |
| Y-5A | 12050 | STARTAK 100 | | 3/15 | 3/20 | Chemstar Products Company<br>3915 Hiawatha Ave<br>Minneapolis,MN 55406<br>303-986-4343<br>www.chemstar.com |

Y-5B – Seeding: Mulch
ADOT Specifications: 805
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | Terra-mulch | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | Hydro-straw | | | | |

| | Y-5C – Seeding: Compost<br>ADOT Specifications: 805. See Special Provisions.<br>ADOT Drawings: None<br>Responsible Section: Roadside Development<br>*Note: Broadcast or hydraulically applied.* | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| | | | | | | |

| | Y-5D – Seeding: Wood Fiber<br>ADOT Specifications: 805<br>ADOT Drawings: None<br>Responsible Section: Roadside Development | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| | | | | | | |

| | Y-6 – Planting: Staking Materials<br>ADOT Specifications: 806, 807.<br>ADOT Drawings: See Project plans.<br>Responsible Section: Roadside Development<br>*Note: Includes rubber hose, ties, straps, tree wraps, and poles.* | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| | | | | | | |

| | Y-7A – Landscape Aesthetics: Coatings and Paints<br>ADOT Specifications: See Special Provisions.<br>ADOT Drawings:<br>Responsible Section: Roadside Development | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| | | | | | | |

Y-7B – Landscape Aesthetics: Edging Material
ADOT Specifications: See Special Provisions.
ADOT Drawings:
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

Y-7C – Landscape Aesthetics: Drainage Products
ADOT Specifications: See Special Provisions.
ADOT Drawings:
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

Y-8A – Landscape Irrigation: General
ADOT Specifications: 808
ADOT Drawings: None
Responsible Section: Roadside Development
*Note: See irrigation plans or details. Products that do not fit in Y-8B through Y-8O.*

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| Y-8A | 12761 | Fertilizer injector:<br>Series 'SD' ratio feeder | | 9/09 | 9/14 | H.E. Anderson<br>2100 Anderson Drive<br>P.O. Box 1006<br>Muskogee OK 74402-1006<br>(800) 331-9620<br>(918) 682-3342 – Fax<br>http://www.heanderson.com |
| Y-8A | 12792 | Pressure gauge:<br>Model PHG | Pressure Hose Gauge | 10/96 | 9/13 | Rain Bird Corp.<br>6991 E. Southpoint Rd.<br>Tucson AZ 85706<br>(520) 741-6100<br>(520) 741-6522 – Fax<br>www.rainbird.com |

Y-8B – Landscape Irrigation: Backflow Assemblies
ADOT Specifications: 808
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

Y-8C – Landscape Irrigation: Booster Pumps
ADOT Specifications: 808
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

Y-8D – Landscape Irrigation: Irrigation Controllers
ADOT Specifications: 808
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| Y-8D | 12770 | Motorola Field satellite: Model MIR 5000i or MIR 5000s | | 5/11 | 5/16 | Global Data Specialists<br>1815 W. First Ave, #110<br>Mesa, AZ 85202<br>(480) 461-3401 |
| Y-8D | 12736 | Enclosure: Model La-Max 48H x 36W x 18D | | 4/13 | 4/18 | Cross Brothers<br>5255 Sheila Street<br>Los Angeles CA 90040-3990<br>(323) 266-2000 |
| Y-8D | 12804 | Controller: Irritrol MC-E | | 5/13 | 5/18 | The Toro Company<br>Attn: Paul Tammelleo<br>5825 Jasmine Street<br>Riverside CA 92504<br>(602) 315-3637<br>www.irritrol.com |

Y-8E – Landscape Irrigation: Radio Communications
ADOT Specifications: 808
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| Y-8E | 12771 | Motorola Antenna: Model RRA-4908A | 806-866 MHz antenna and cable kit | 5/11 | 5/16 | Global Data Specialists<br>1815 W. First Ave, #110<br>Mesa, AZ 85202<br>(480) 461-3401 |
| Y-8E | 12772 | Motorola Directional antenna: Model D25TSA | 806-825 MHz antenna | 5/11 | 5/16 | Global Data Specialists<br>1815 W. First Ave, #110<br>Mesa, AZ 85202<br>(480) 461-3401 |

Y-8F – Landscape Irrigation: Flow Meter
ADOT Specifications: 808
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| Y-8F | 12767 | Pressure switch gauge: DAW-33-2-7 | Bourdon tube pressure switch. | 1/11 | 1/16 | Mercoid Controls<br>102 Indiana Highway 212<br>P.O. Box 373<br>Michigan City IN 46361<br>(219) 879-8000<br>www.mercoid.com |

Y-8G – Landscape Irrigation: Conductors
ADOT Specifications: 808
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| Y-8G | 12802 | Conductor | Sizes as needed. | 9/09 | 9/14 | Southwire Company<br>One Southwire Dr.<br>Carrollton GA 30119<br>(770) 832-4626<br>(770) 832-5047 – Fax<br>www.southwire.com |

Y-8H – Landscape Irrigation: Filters
ADOT Specifications: 808
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

Y-8I – Landscape Irrigation: Valves
ADOT Specifications: 808
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|

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|---|---|---|---|---|---|---|
| Y-8I | 12793 | Remote control valve: Rain Bird PEB series | | 10/96 | 9/13 | Rain Bird Corp.<br>6991 E. Southpoint Rd.<br>Tucson AZ 85706<br>(520) 741-6100<br>(520) 741-6522 – Fax<br>www.rainbird.com |
| Y-8I | 12721 | Hose bib: Model 351 | | 9/11 | 9/16 | Arrowhead Brass & Plumbing<br>4900 Alhambra Ave.<br>Los Angeles CA 90032<br>(323) 221-9137<br>(323) 221-2579 – Fax<br>http://www.arrowheadbrass.com/ |
| Y-8I | 12722 | Inverted garden valve: Model 975 | | 9/11 | 9/16 | Arrowhead Brass & Plumbing<br>4900 Alhambra Ave.<br>Los Angeles CA 90032<br>(323) 221-9137<br>(323) 221-2579 – Fax<br>http://www.arrowheadbrass.com/ |
| Y-8I | 12805 | Remote control valve: Irritrol 100P series | | 5/13 | 5/18 | The Toro Company<br>Attn: Paul Tammelleo<br>5825 Jasmine Street<br>Riverside CA 92504<br>(602) 315-3637 |
| Y-8I | 12720 | Manual valve: Series 200 | | 2/11 | 2/16 | Arrowhead Brass & Plumbing<br>4900 Alhambra Ave.<br>Los Angeles CA 90032<br>(323) 221-9137<br>(323) 221-2579 – Fax<br>http://www.arrowheadbrass.com/ |

| | Y-8J – Landscape Irrigation: Pipe<br>ADOT Specifications: 808<br>ADOT Drawings: None<br>Responsible Section: Roadside Development<br>*Notes: Pipes are 6" or less.* | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| Y-8J | | Polyvinyl chloride (PVC) | Sizes as submitted | 4/08 | 4/13 | Cresline-West, Inc.<br>3747 W. Buckeye Rd.<br>Phoenix AZ 85009<br>(602) 269-5161 |

| | Y-8K – Landscape Irrigation: Irrigation Boxes<br>ADOT Specifications: 808<br>ADOT Drawings: None<br>Responsible Section: Roadside Development | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

| | | | | | | |
|---|---|---|---|---|---|---|
| Y-8K | 12775 | 1419-12-4, color, marking (formerly Brooks Valve box: Series 12) | | 1/12 | 1/17 | Oldcastle Enclosure Solutions<br>1675 Industrial Drive<br>Napoleon, OH 43545<br>(909) 762-2423<br>www.oldcastleprecast.com/enclosuresolutions |
| Y-8K | 12776 | 1220-12-4, color, marking (formerly Brooks Valve box: Model 1320) | | 1/12 | 1/17 | Oldcastle Enclosure Solutions<br>1675 Industrial Drive<br>Napoleon, OH 43545<br>(909) 762-2423<br>www.oldcastleprecast.com/enclosuresolutions |

| | Y-8L – Landscape Irrigation: Pressure Regulators<br>ADOT Specifications: 808<br>ADOT Drawings: None<br>Responsible Section: Roadside Development | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| Y-8L | 12763 | Pre-set pressure regulator:<br>Model DG5025-4 | | 5/13 | 5/18 | Hendrickson Bros.<br>2931 Rimpau Avenue<br>Corona CA 92881-3625<br>(951) 737-6822<br>(951) 737-9151 – Fax<br>www.hendricksonbros.com |

| | Y-8M – Landscape Irrigation: Bubblers<br>ADOT Specifications: 808<br>ADOT Drawings: None<br>Responsible Section: Roadside Development | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| | | | | | | |

| | Y-8N – Landscape Irrigation: Drip Emitters<br>ADOT Specifications: 808<br>ADOT Drawings: None<br>Responsible Section: Roadside Development | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| Y-8N | 12727 | Emitter-Single:<br>Bowsmith NonStop model #'s SL206, SL210, or SL220 | | 9/09 | 9/14 | Bowsmith, Inc.<br>P.O. Box 428<br>Exeter CA 93221<br>(559) 592-9485<br>(559) 592-2314 – Fax<br>www.bowsmith.com |

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|---|---|---|---|---|---|---|
| Y-8N | 12728 | Emitter – Multi: Bowsmith NonStop model #'s ML206, ML210, or ML220 | | 9/09 | 9/14 | Bowsmith, Inc.<br>P.O. Box 428<br>Exeter CA 93221<br>(559) 592-9485<br>(559) 592-2314 – Fax<br>www.bowsmith.com |
| Y-8N | 12729 | Threaded adapter: Model #3120 1/2" MPT x .350" tubing adapter | | 9/09 | 9/14 | Bowsmith, Inc.<br>P.O. Box 428<br>Exeter CA 93221<br>(559) 592-9485<br>(559) 592-2314 – Fax<br>www.bowsmith.com |

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| | Y-8O – Landscape Irrigation: Sprinklers<br>ADOT Specifications: 808<br>ADOT Drawings: None<br>Responsible Section: Roadside Development | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| | | | | | | |

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|---|---|---|---|---|---|---|
| | Y-9A – Wastewater (Sewerage): General<br>ADOT Specifications: 809<br>ADOT Drawings: None<br>Responsible Section: Roadside Development<br>*Notes: See Project Plans. May include filter fabrics and septic tanks.* | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| | | | | | | |

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|---|---|---|---|---|---|---|
| | Y-9B – Wastewater (Sewerage): Pond Liners<br>ADOT Specifications: 809<br>ADOT Drawings: None<br>Responsible Section: Roadside Development | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| | | | | | | |

Y-9C – Wastewater (Sewerage): Pipe
ADOT Specifications: 809
ADOT Drawings: None
Responsible Section: Roadside Development
*Notes: Includes ABS, PVC, and DIP.*

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

Y-9D – Wastewater (Sewerage): Valves
ADOT Specifications: 809
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| | | | | | | |

Y-10A – Erosion Control: Stormwater Quality Protection & Erosion/Sediment Control: General
ADOT Specifications: 810
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| Y-10A | 11027 | GateFX | | 9/14 | 9/19 | Enviroscape ECM, LTd.<br>300 S. Chestnut St.<br>Deshler, OH 43516<br>419-278-2000<br>www. strawblanket.com |
| Y-10A | 11168 | Ultra-Dewatering Bag Part No. 9729 O/S | Note: This product meets the ADOT requirements for a “High Survivability Fabric.” | 5/14 | 5/19 | UltraTech International, Inc.<br>11542 Davis Creek Court<br>Jacksonville FL 32256<br>(904) 292-1611 ext. 215<br>www.spillcontainment.com |
| Y-10A | 11170 | Ultra-Drain Guard Part No. 9217 | Note: This product meets the ADOT requirements for a “High Survivability Fabric.” | 5/14 | 5/19 | UltraTech International, Inc.<br>11542 Davis Creek Court<br>Jacksonville FL 32256<br>(904) 292-1611 ext. 215<br>www.spillcontainment.com |
| Y-10A | 11065 | VertiPro | | 9/14 | 9/19 | Enviroscape ECM, LTd.<br>300 S. Chestnut St.<br>Deshler, OH 43516<br>419-278-2000<br>www. strawblanket.com |

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Y-10B – Erosion Control: Stormwater Quality Protection & Erosion/Sediment Control: Silt Fence
ADOT Specifications: 810
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| Y-10B | 12052 | Geotex 2130 | | 9/14 | 9/19 | Propex Operating Company, LLC<br>6025 Lee Highway, Suite 425<br>Chattanooga TN 37421<br>423-554-2461<br>www.propexglobal.com |
| Y-10B | 12088 | WINfab 105SF | | 9/14 | 9/19 | Willacoochee Industrial Fabrics, Inc.<br>P.O. Box 599 / 769 W Main St<br>Willacoochee, GA 31650<br>(912) 534-5757<br>www.winfabusa.com |
| Y-10B | 12089 | WINfab 1211 | | 9/14 | 9/19 | Willacoochee Industrial Fabrics, Inc.<br>P.O. Box 599 / 769 W Main St<br>Willacoochee, GA 31650<br>(912) 534-5757<br>www.winfabusa.com |

Y-10C – Erosion Control: Stormwater Quality Protection & Erosion/Sediment Control: Blankets
ADOT Specifications: 810 and the ADOT Erosion and Pollution Control Manual, For Highway Design and Construction; Section EC-5, Pages 67 & 68.
ADOT Drawings: None
Responsible Section: Roadside Development

| Category | ID/Rpt. No. | Product | Notes | Approval Date | Recertify Date | Manufacturer |
|---|---|---|---|---|---|---|
| Y-10C | 12134 | AEC Premier Coconut | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10C | 12135 | AEC Premier Coconut FibreNet | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10C | 12136 | AEC Premier Straw/Coconut | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10C | 12137 | AEC Premier Straw/Coconut FibreNet | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |

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|---|---|---|---|---|---|---|
| Y-10C | 12138 | AEC Premier Straw Double Net | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10C | 12139 | AEC Premier Straw FibreNet Double Net | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10C | 12140 | Curlex II | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10C | 12141 | Curlex II CL | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10C | 12142 | Curlex II FibreNet | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10C | 12143 | Curlex III | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10C | 11064 | C4000 | | 5/14 | 5/19 | Enviroscape ECM, Ltd.<br>300 S. Chestnut<br>Deshler, OH 43516<br>419-278-2000<br>www.strawblanket.com |
| Y-10C | 11077 | C4000BD | | 5/14 | 5/19 | Enviroscape ECM, Ltd.<br>300 S. Chestnut<br>Deshler, OH 43516<br>419-278-2000<br>www.strawblanket.com |
| Y-10C | 13002 | ECC-2 Double Net Coconut Rolled Erosion Control Product | | 9/14 | 9/19 | East Coast Erosion Blankets, LLC<br>443 Bricker Rd<br>Bernville PA 19506<br>(610) 488-8496<br>www.eastcoasterosion.com |
| Y-10C | 13004 | ECX-2 Double Net Excelsior Rolled Erosion Control Product | | 9/14 | 9/19 | East Coast Erosion Blankets, LLC<br>443 Bricker Rd<br>Bernville PA 19506<br>(610) 488-8496<br>www.eastcoasterosion.com |

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|---|---|---|---|---|---|---|
| Y-10C | 11150 | US-1S | | 8/12 | 8/17 | US Erosion Control Products<br>1034 Albany Ave West<br>Pearson GA 31642<br>(912) 422-6232<br>www.userosioncontrolproducts.com |
| Y-10C | 11153 | US-2C | | 8/12 | 8/17 | US Erosion Control Products<br>1034 Albany Ave West<br>Pearson GA 31642<br>(912) 422-6232<br>www.userosioncontrolproducts.com |
| Y-10C | 11152 | US-2S/C | | 8/12 | 8/17 | US Erosion Control Products<br>1034 Albany Ave West<br>Pearson GA 31642<br>(912) 422-6232<br>www.userosioncontrolproducts.com |
| Y-10C | 11151 | US-2S | | 8/12 | 8/17 | US Erosion Control Products<br>1034 Albany Ave West<br>Pearson GA 31642<br>(912) 422-6232<br>www.userosioncontrolproducts.com |
| Y-10C | 12168 | US-2X | | 9/14 | 9/19 | US Erosion Control Products<br>1034 Albany Ave W<br>Pearson GA 31642<br>423-554-2461<br>www.userosioncontrolproducts.com |

| | Y-10D – Stormwater Quality Protection & Erosion/Sediment Control: Sediment Logs, Sediment Wattles, and Fiber Rolls<br>ADOT Specifications: 810<br>ADOT Drawings: None<br>Responsible Section: Roadside Development | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| Y-10D | 12130 | AEC Premier Straw Wattle 9in Dia | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10D | 12131 | 12in Curlex Sediment Log | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10D | 12132 | AEC Premier Straw Wattle 12in Dia | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |

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| Y-10D | 12133 | 20in Curlex Sediment Log | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10D | 12144 | Curlex III as a Fiber Roll | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10D | 12145 | Curlex High Velocity | | 9/14 | 9/19 | American Excelsior Company – ErosionLab<br>831 Pioneer Ave<br>Rice Lake, WI 54868<br>715-234-6861<br>www.Curlex.com |
| Y-10D | 13007 | EC 20"x10' Premium Coir Log | | 9/14 | 9/19 | East Coast Erosion Blankets, LLC<br>443 Bricker Rd<br>Bernville PA 19506<br>(610) 488-8496<br>www.eastcoasterosion.com |

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| | Y-10E – Stormwater Quality Protection & Erosion/Sediment Control: Soil Binders<br>ADOT Specifications: 810<br>ADOT Drawings: None<br>Responsible Section: Roadside Development | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
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| | Y-10F – Stormwater Quality Protection & Erosion/Sediment Control: Compost Filled Filter Rolls/Socks (Compost Filters)<br>ADOT Specifications: 810<br>ADOT Drawings: None<br>Responsible Section: Roadside Development | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
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| | Y-10G – Stormwater Quality Protection & Erosion/Sediment Control: Flocculents<br>ADOT Specifications: 810<br>ADOT Drawings: None<br>Responsible Section: Roadside Development<br><br>Note: Currently ADOT does not have specifications for this subcategory and is not taking applications for this subcategory at this time. However, products that meet the Special Provisions may be used on ADOT projects. | | | | | |
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |

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| | Y-10H – Storm Water Quality Protection & Erosion/Sediment Control: Filters and Filter Material for: Gravel Bags, Storm Drain Inlets, Curb Inlets, Drop Inlets, Weep Holes, Dewatering Bags, Fabric Bags, Inlet Grates, etc.<br>ADOT Specifications: 810 and 1014<br>ADOT Drawings: None<br>Responsible Section: Roadside Development | | | | | |
|---|---|---|---|---|---|---|
| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
| Y-10H | 13086 | Siltsack | | 9/14 | 9/19 | ACF Environmental<br>2831 Cardwell Road<br>Richmond VA 23234<br>(800)-448-3636<br>acfenvironmental.com |
| Y-10H | 11066 | Slammer | | 9/14 | 9/19 | Enviroscape ECM, LTd.<br>300 S. Chestnut St.<br>Deshler, OH 43516<br>419-278-2000<br>www.strawblanket.com |
| Y-10H | 10086 | Typar Geocells | | 9/14 | 9/19 | Fiberweb, Inc.<br>70 Old Hickory Blvd.<br>Old Hickory, TN 37138<br>(615)-847-7500<br>www.fiberweb.com |
| Y-10H | 11169 | Ultra-Curb Guard Plus<br>Part No. 9248 and 9251 | | 5/14 | 5/19 | UltraTech International, Inc.<br>11542 Davis Creek Court<br>Jacksonville FL 32256<br>(904) 292-1611 ext. 215<br>www.spillcontainment.com |

| | Y-10I – Stormwater Quality Protection & Erosion/Sediment Control: Separate Geotextile Fabric (woven and nonwoven)<br>ADOT Specifications: 1014-4<br>ADOT Drawings: None<br>Responsible Section: Roadside Development | | | | | |
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| **Category** | **ID/Rpt. No.** | **Product** | **Notes** | **Approval Date** | **Recertify Date** | **Manufacturer** |
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