ARIZONA DEPARTMENT OF TRANSPORTATION

APPROVED PRODUCTS LIST

June 2011

Table of Contents

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
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 – Adhesives **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 10
A-5 – Dowel Bonding Adhesive – Cementitious 11
A-6 – Dowel Bonding Adhesive – Epoxy 11
Category: B – Aggregates **20**
B-1 – Special 20
Category: C – Barriers, Fencing and Roadside Structures **21**
C-1 – Proprietary MSE Walls 21
Category: D – Bituminous Materials and Additives **22**
D-1 – Anti-stripping Agent 22
Category: E – Bituminous Rejuvenators & Preservative Materials **23**
E-1 – Regular 23
Category: F – Culverts and Drainage Structures **23**
F-1 – Catch Basin, Median Dyke 23
F-2 – Catch Basins, Median Flush 24
F-6 – Cattle Guards Foundation 24
F-7 – Locking Wire Fasteners 25
F-8 – Drainage Pipe Liner – High Density Polyethylene 25
F-9 – Non-perforated Drainage Plastic Tubing – Corrugated, Type C, High Density Polyethylene 26
F-10 – Non-perforated Drainage Plastic Tubing – Corrugated, Type S, High Density Polyethylene 26
F-11 – Non-perforated Drainage Plastic Pipe- Corrugated, Type C, High Density Polyethylene 26
F-12 – Non-perforated Drainage Plastic Pipe- Corrugated, Type S, High Density Polyethylene 28
F-13 – Perforated Drainage Plastic Tubing – Corrugated, Type C, High Density Polyethylene 29

APPROVED PRODUCTS LIST
June 2011

Table of Contents *(Continued)*

F-14 – Perforated Drainage Plastic Tubing – Corrugated, Type S, High Density Polyethylene 29
F-15 – Perforated Drainage Plastic Pipe- Corrugated, Type C, High Density Polyethylene 30
F-16 – Perforated Drainage Plastic Pipe- Corrugated, Type S, High Density Polyethylene 30
F-17 – Line Drain 30
Category: G – De-icing Chemicals 31
G-1 – Regular 31
Category: H – Joint Sealers and Fillers 31
H-1 – Backer Rod – Regular 31
H-2 – Backer Rod – Wide Joint 32
H-3 – Joint Sealant – Hot Pour 32
H-4 – Joint Sealant – Silicone for 3/8 Inch Joints 32
H-5 – Joint Sealant – Silicone for 1/8 Inch Joints 33
Category: I – Soil Reinforcement and Geosynthetics 34
I-1 – Bank Protection Fabric 34
I-2 – Geocomposite Edge Drain System 35
I-3 – Geocomposite Wall Drain System 36
I-4 – Geogrid (single layer only) 37
I-5 – Separation Geotextile Fabric (Low Survivability) 38
I-6 – Separation Geotextile Fabric (Moderate Survivability) 39
I-7 – Separation Geotextile Fabric (High Survivability) 40
I-8 – Separation Geotextile Fabric (Very High Survivability) 42
I-9 – Geomembrane – Impervious 43
Category: J – Patching Materials 43
J-1 – Non-shrink grout 43
J-2 – Portland Cement Concrete Pavement (PCCP) Patching 47
J-3 – Structural Concrete Patching 49
J-4 – Structural Repair with Shotcrete, Dry Method 57
Category: K – Portland Cement Concrete Admixtures 58
K-1 – Water Reducer - Type A 58
K-2 – Retarding - Type B 61
K-3 – Accelerating - Type C 62
K-4 – Water Reducing & Retarding - Type D 64
K-5 – Water Reducing & Accelerating - Type E 66
K-6 – Water Reducing, High Range - Type F 67
K-7 – Water Reducing, High Range & Retarding - Type G 70
K- 8 – Air Entraining Admixture 71
K-9 – Fiber 73
K-10 – Admixture Containing Calcium Chloride, Set Accelerator 74
K-11 – Specific Performance Admixtures, Type S 74
Category: M – Portland Cement Concrete Finishing Products 74
M-1 – Solvent Base 74
M-2 – Water Base 75
M-3 – Penetrating Crack Sealer 76
Category: N – Reflective Crack Controls 76
N-1 – Pavement Fabric 76
Category: O – Rust Passivators 77
O-1 – Epoxy Powder Coatings 77
Category: P – Detectable Warning Device 78
P-1 – Truncated Domes 78
Category: Q – Soil Sterilization & Weed Control Materials 79
Q-1 – Growth Regulator 79
Q-2 – Herbicides - Foliar Systemic 79
Q-3 – Herbicides - Soil Active 81
Q-4 – Seeding, Class 2 -- Tacking Agents 81
Q-5 – Seeding, Class 2 -- Tacking Agents, Emulsified Asphalt 82
Category: R – Soil Treatments 82
R-1 – Continuous Film Water Retention Products 82
R-2 – Soil Amendment 82
Category: S – Structural Materials and Components 83
S-1 – Splicer 83
S-2 – Bridge Joint System (Compression Seal Joint) 84
S-3 – Bridge Joint System (Strip Seal Joint) 85
Category: T – Structural Paints 85
T-1 – Alkyd 85
T-2 – Water Based 85
Category: U – Testing and Construction Equipment 87
U-1 – Capping Compounds 87
U-2 – Plastic Cylinder Molds 87
U-3 – Reusable Cylinder Mold 88
U-4 – Tools 88
U-5 – Slab Jacking 88
Category: V – Traffic Control Materials 88
V-1 – Attenuation Device – Impact Attenuators 89
V-2 – Attenuation Device – Guardrail End Terminals 90
V-3 – Attenuation Device – Sand Barrels 91
V-4A – Channelizing Devices – Longitudinal Barriers–Test Level 3 92
V-4B – Channelizing Devices – Longitudinal Barriers–Test Level 4 92
V-4C – Channelizing Devices – Longitudinal Barriers–Median Barrier Gates 93
V-4D – Channelizing Devices – Longitudinal Barriers–Miscellaneous 93
V-6A – Channelizing Devices – Flexible Delineators – Surface Mount 94
V-6B – Channelizing Devices – Flexible Delineators – Driveable 94
V-9 – Channelizing Devices – Markers for Concrete Barrier – Hard Plastic Prismatic Reflector Types 95
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

APPROVED PRODUCTS LIST
June 2011

Table of Contents *(Continued)*

V-9C – Channelizing Devices – Longitudinal Reflective Material for Concrete Barrier and Guardrail 97
V-10A – Channelizing Devices – Markers for Guardrail – Single Piece Metal Post Clip Mount Flexible Plastic Types 97
V-10C – Channelizing Devices – Markers for Guardrail, Flexible 97
V-10M – Channelizing Devices – Snow Pole 98
V-14A – Pavement Marking – Adhesive for Raised Pavement Markers, Bituminous–Standard 99
V-14B – Pavement Marking – Adhesive for Raised Pavement Markers, Melt-In-Place Thermoplastic 99
V-14C – Pavement Marking – Adhesive for Raised Pavement Markers, Epoxy100
V-14D – Pavement Marking – Adhesive for Raised Pavement Markers, Bituminous–Flexible 100
V-16 – Pavement Marking – Chip Seal Pavement Markers 100
V-17 – Pavement Marking – High Refractive Index Composite Particles 101
V-19 – Pavement Marking – Preformed Plastic Pavement Marking – Permanent, Hot Applied 101
V-19R – Pavement Marking – Preformed Plastic Pavement Marking – Permanent, Hot Applied – Route Marking 102
V-20A – Pavement Marking – Short-Line Preformed Plastic Pavement Marking – Type I (Permanent) 102
V-20B – Pavement Marking – Long-Line Preformed Plastic Pavement Marking – Type I (Permanent) 103
V-20P – Pavement Marking – Preformed Plastic Pavement Marking – Type I (Permanent) – Route Marking 104
V-20W – Pavement Marking – Preformed Plastic Pavement Marking – Type I (Permanent) – Wet Reflective 104
V-21 – Pavement Marking – Preformed Plastic Pavement Marking – Type II (Temporary, Removable) 105
V-21W – Pavement Marking – Preformed Plastic Pavement Marking – Type II (Temporary, Removable) – Wet Reflective 105
V-22 – Pavement Marking – Preformed Plastic Pavement Marking – Type III (Temporary, Non-Removable) 105
V-23 – Pavement Marking – Retroreflective Raised Pavement Markers (RRPM)-Permanent (Abrasion Resistant) 106
V-24P – Pavement Marking – Transverse Rumble Strip Materials – Permanent107
V-24T – Pavement Marking – Transverse Rumble Strip Materials – Temporary Removable 107
V-25 – Pavement Marking – Dual Component Pavement Markings 109
V-25P – Pavement Marking – Profile Pavement Markings 110
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 112
V-27 – Traffic Paint – Water-Borne 112
V-27W – Traffic Paint – Water-Borne – Wet Reflective 113
V-29 – Signal and Lighting – Cabinet Mounted Service Enclosure 113
V-30 – Signal and Lighting – Cabinet – Surge Protector 113
V-31Y – Signal and Lighting – Yielding Bases 114
V-32A – Signal and Lighting – Electrical Conduit, PVC Pipe and Fittings 115
V-32B – Signal and Lighting – Electrical Conduit, Galvanized Rigid Corrugated (GRC) and Fittings - Intermediate Metallic Conduit (IMC) and Fittings .115
V-32C – Signal and Lighting – Electrical Conduit, Liquid Tight Galvanized Steel Flexible Conduit PVC Coated (LTFC) and Fittings 116
V-32D – Signal and Lighting – High Density Polyethylene Electrical Conduit (HDPE) 116
V-32E – Signal and Lighting – Electrical Conductors 116
V-32F – Signal and Lighting – Electric Multi Conductor Cable - Loop Detector Lead-In-Cable 116
V-32G – Signal and Lighting – Multi Cable Video Detection Cable 116
V-32H – Signal and Lighting – Electrical Connectors 117
V-32J – Signal and Lighting – In-Line Fuse Connector 117
V-32K – Signal And Lighting – Connectors and Power Distribution Block 118
V-34 – Signal and Lighting – Traffic Control Cabinet 118
V-34A – Signal and Lighting – Traffic Signal Controller Units 119
V-34B – Signal and Lighting – Load Switch & Flasher Transfer Relay 119
V-34C – Signal and Lighting – Conflict Monitors 120
V-34D – Signal and Lighting – Detector Power Supply & Detector Rack and Card121
V-34E – Signal and Lighting – Control Cabinet GPS Time Reference 122
V-34F – Signal and Lighting – Control Cabinet NEMA “D” Connector Panel 122
V-35A – Signal and Lighting – Detector Loop Sealant (hot pour) 123
V-35B – Signal and Lighting – Emulsified Sealant (cold pour) 123
V-36 – Signal and Lighting – Electrical Conduit, PVC 124
V-36A – Signal and Lighting – Primer For Electrical Conduit, PVC 124
V-36B – Signal and Lighting – Grey Cement For Electrical Conduit, PVC 124
V-37 – Signal and Lighting – Foundation – Anchor Bolts 124
V-40 – Signal and Lighting – High Mast Lighting – Raising and Lowering Device (Top Latching) 125
V-41 – Signal and Lighting – Lamps – Luminaire 125
V-42 – Signal and Lighting – Lamps – Traffic Signal 126
V-43 – Signal and Lighting – Load Center Cabinet 127
V-44 – Signal and Lighting – Loop Detector Amplifier 127
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 (Cutoff) 129
V-52 – Signal and Lighting – Luminaire – Vertical Mount (with Shield) 129
V-52A – Signal and Lighting – Luminaire – Bracket 129
V-53 – Signal and Lighting – Metal Junction Box 130
V-54 – Signal and Lighting – Electrical Service Pedestal 130

APPROVED PRODUCTS LIST
June 2011

Table of Contents *(Continued)*

V-54A – Signal and Lighting – Uninterrupted Power Supply 131
V-55A – Signal and Lighting – ADA Compliant Pedestrian Push Button 131
V-55B – Signal and Lighting – Traffic Signal Poles and Mast arms (including Pedestrian Post) 132
V-55C – Signal and Lighting – Traffic Light Poles and Mast arms (Steel) 133
V-55D – Signal and Lighting – Traffic Light Poles and Mast arms (Aluminum) . 133
V-56 – Signal and Lighting – Ped Signal Face 134
V-57 – Signal and Lighting – Photo Electric Controls 134
V-58 – Signal and Lighting – Preformed Loop Detectors 135
V-58A – Signal and Lighting – Video Detection System 135
V-59 – Signal and Lighting – Light Duty (LD) Pull Box/Extension 136
V-60 – Signal and Lighting – Heavy Duty (HD) Pull Box/Extension 137
V-61 – Signal and Lighting – Roadway Loop Detector Wire 137
V-62 – Signal and Lighting – Sign Lighting Fixtures 137
V-63 – Signal and Lighting – Structural Supports For Traffic Signals & Highway Lighting 138
V-66 – Signal and Lighting – Traffic Signal Face 138
V-66A – Signal and Lighting – LED Signal Module 139
V-67 – Signal and Lighting – Traffic Signal Mounting Assemblies 140
V-68 – Signal and Lighting – Underdeck Lighting 141
V-69 – Signing – Breakaway Assembly 141
V-69A – Signing – Breakaway Assembly Components 142
V-72 – Signing – P1 Post (Single) 142
V-73 – Signing – P2 Post (Telescoping) 143
V-74 – Signing – Reflective Sheeting – Fluorescent Orange Prismatic 143
V-75 – Signing – Reflective Sheeting – Prismatic (ASTM 4956 Type IX) 144
V-75P – Signing – Reflective Sheeting – Premium Prismatic 145
V-76M – Delineators – Reflective Sheeting (Prismatic) 145
V-77M – Signing – Reflective Sheeting – Type VI (Roll-up Grade 1) 146
V-77N – Signing – Reflective Sheeting – Type VI (Roll-up Grade 2) 146
V-78 – Signing – Sign Panels 147
V-78M – Signing – Aluminum Flat Sign Mounting Hardware 147
V-79A – Signing – 1 foot to 1 foot 10 inches Sign Mounting Height Sign Stand 147
V-79B – Signing – 5 Foot Sign Mounting Sign Stand 148
V-79C – Signing – Roll-Up Sign Mounting Bracket for Telescoping Sign Mast Stan 148
V-79D – Signing – Portable Roll-Up Sign Stand – Rigid Mast Sign Stand – Sign Mounting Height 1’ minimum (FHWA NCHRP-350 Crash Certified) 148
V-79E – Signing – Portable Roll-Up Sign Stand – Spring Mast Sign Stand -Sign Mounting Height 1’ minimum (FHWA NCHRP-350 Crash Certified) 149
V-79F – Signing – Portable Roll-Up Sign Stand – Spring with Telescoping Mast Sign Stand – Sign Mounting Height Range 1’ to 5’ minimum (FHWA NCHRP-350 Crash Certified) 149
V-79G – Signing – Portable Sign Stand – Tripod – Sign Mounting Height 1’ Minimum (FHWA NCRHP-350 Crash Certified) 149
Category: W – Waterproofing Membranes and Materials 150
W-1 – Regular 150
Category: X – Miscellaneous 150
X-2 – Desert Varnishes 150
X-3 – Irrigation - Backflow Assembly 150
X-4 – Irrigation - Flow Meter 151
X-5 – Irrigation - Emitter Assembly 151
X-6 – Irrigation - Pressure Regulator Riser 151
X-7 – Irrigation - Computerized Control system (ADOT) 152
X-8 – Irrigation - Automatic Controller (City) 152
X-9 – Irrigation - Remote Control Valve 152
X-10 – Irrigation - Manual Valves 153
X-11 – Irrigation - PVC Polyvinyl chloride pipe 153
X-12 – Lodge Pole 154

APPROVED PRODUCTS LIST
June 2011

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
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
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

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV

Category: A – Adhesives

	A-1 – Bonding Agent – Bonding Epoxy Mortar to Old 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-1	90-17	BurkEpoxy NS (Gel)	Non-sag consistency. Bonding old to old conc. & bonding old to new conc. & bonding epoxy mortar to old concrete. Dowel epoxy bonding agent	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-1	00-06	Concresive 1490	Two component, 100% solids, non-sag, epoxy adhesive used for vertical and overhead bonding, patching applications for horizontal anchoring.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
A-1	91-95	Duralith	Medium viscosity. Bonding epoxy mortar to old concrete. Dowel epoxy bonding agent	5/08	5/13	The Euclid Chemical Company 19218 Redwood Rd. Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
A-1	91-94	Duralith Gel	Non-sag consistency. Bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	5/08	5/13	The Euclid Chemical Company 19218 Redwood Rd. Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
A-1	10090	Dynapoxy EP-420	Medium viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent	9/10	5/13	Pecora Corporation 165 Wambold Road Harleysville PA 19438 (800) 523-6688 (215) 799-2518 – Fax
A-1	10091	Dynapoxy EP-450	Low viscosity, high strength bonding agent; two components, general purpose.	9/10	1/11	Pecora Corporation 165 Wambold Road Harleysville PA 19438 (800) 523-6688 (215) 799-2518 – Fax
A-1	92-40	Hunt Process HB 100	Medium viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-1	92-09	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.	5/08	5/13	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax

A-1	92-06	Pro-Poxy 200	Medium viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	5/08	5/13	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-1	92-05	Pro-Poxy 300	Non-sag viscosity. Bonding old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	5/08	5/13	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-1	95-09	Pro-Poxy 50 Super LV	Low viscosity, high strength bonding agent; two components, general purpose.	1/06	1/11	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-1	91-46	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.	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax http://www.wrmeadows.com/
A-1	90-06	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.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-1	99-03	Spec-Bond 50	Low viscosity epoxy adhesive.	5/11	5/16	Conspec by Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-1	92-23	Spec-Bond 200	Non-sag viscosity. Bonding agent for old to new conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	4/08	4/13	Conspec by Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-1	09003	Specpoxy 1000		11/10	11/15	Specchem LLC 444-B Richmond Ave Kansas City KS 66101 (562) 489-9607 (562) 426-8747 - Fax
A-1	92-70	Sure-Anchor Epoxy	Non-sag viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	4/08	4/13	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 http://www.daytonsuperior.com/
A-1	98-12	Unitex Pro-Poxy 100LV	General-purpose epoxy for crack grouting.	5/08	5/13	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax

A-1	97-22	Unitex Pro-Poxy 200	Medium viscosity epoxy adhesive.	5/08	5/13	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-1	07014	Unitex Pro-Poxy 204	For structural bonding of concrete, fresh to hardened, old to old, and structural repair.	12/07	12/12	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (303) 941-0123 (816) 483-3149 – Fax 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	85-21	Burkepoxy MV (Liquid) (formally Burke 881 LPL Patch and Bond Epoxy)	Regular viscosity. Bonding agent for old to old conc. & bonding old to new conc. Dowel epoxy-bonding agent.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-2	90-17	BurkEpoxy NS (Gel)	Non-sag consistency. Bonding agent for old to old conc. & bonding old to new conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-2	00-06	Concresive 1490	Two component, 100% solids, non-sag, epoxy adhesive used for vertical and overhead bonding, patching applications for horizontal anchoring.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
A-2	83-50	Concresive Paste SPL	High viscosity or non-sag epoxy. Dowel epoxy-bonding agent. Bonding agent for old to new concrete.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
A-2	10090	Dynapoxy EP-420	Medium viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent	9/10	5/13	Pecora Corporation 165 Wambold Road Harleysville PA 19438 (800) 523-6688 (215) 799-2518 – Fax
A-2	92-09	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.	5/08	5/13	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax

A-2	93-43	Spec-Bond 100	Medium viscosity. Bonding agent for old to new concrete. Dowel epoxy-bonding agent.	4/08	4/13	Conspec by Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-2	92-23	Spec-Bond 200	Non-sag viscosity. Bonding agent for old to new conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	4/08	4/13	Conspec by Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-2	91-01	Sika Armatec 110	Water based epoxy resin/bonding agent. Long set time bonding agent for old to new concrete.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-2	83-29	Sikadur 21 Lo-Mod LV	Low viscosity not to be under vehicle traffic. Bonding agent for old to new conc. Dowel epoxy bonding agent.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-2	83-28	Sikadur 32 Hi-Mod	Regular viscosity. Bonding agent for old to new conc. Dowel epoxy bonding agent.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.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 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-2	97-22	Unitex Pro-Poxy 200	Medium viscosity epoxy adhesive.	5/08	5/13	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-2	07014	Unitex Pro-Poxy 204	For structural bonding of concrete, fresh to hardened, old to old, and structural repair.	12/07	12/12	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (303) 941-0123 (816) 483-3149 – Fax www.unitex-chemicals.com

	A-3 – Bonding Agent – Bonding Old to Old Concrete ADOT Specifications: ASTM C881, C882 ADOT Drawings: None Responsible Section: Materials Group

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
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
A-3	85-17	Burkepoxy LV (Thin Liquid) (formerly Burke 881 LPL Topping & Crack Grout)	Low viscosity. Bonding agent for old to old conc. & for patching concrete surfaces.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-3	85-21	Burkepoxy MV (Liquid) (formerly Burke 881 LPL Patch and Bond Epoxy)	Regular viscosity. Bonding agent for old to old conc. & bonding old to new conc. Dowel epoxy bonding agent.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-3	90-17	BurkEpoxy NS (Gel)	Non-sag consistency. Bonding old to old conc. & bonding old to new conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-3	90-12	BurkEpoxy NS Rapid Set	Non-sag consistence. Bonding agent for old to old conc. Dowel epoxy bonding agent.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-3	96-45	Burkepoxy Pistol Pack EZ	Bonding agent – Bonding agent for old to old concrete.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-3	00-06	Concresive 1490	Two component, 100% solids, non-sag, epoxy adhesive used for vertical and overhead bonding, and patching applications for horizontal anchoring.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
A-3	82-48	Concresive Liquid LPL	Medium viscosity. Bonding agent for old to old conc. Dowel epoxy bonding agent.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
A-3	90-42	Concresive 1370	Injection epoxy. Bonding agent for old to old conc. Dowel epoxy bonding agent.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
A-3	89-42	Concresive 1360	Injection epoxy adhesive. Crack-sealing injection & bonding agent for old to old conc. Dowel epoxy bonding agent.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax

A-3	87-18	Crackbond LR 321	Injection epoxy adhesive. Crack-sealing injection & bonding old to old conc.	9/09	9/14	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-3	83-26	Duralcrete LV	Low viscosity. Bonding agent for old to old conc., crack-sealing injection. Dowel epoxy-bonding agent.	5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
A-3	10089	Dynapoxy EP-430 Fast	Non-sag, injectable	9/10	1/11	Pecora Corporation 165 Wambold Road Harleysville PA 19438 (800) 523-6688 (215) 799-2518 – Fax
A-3	10090	Dynapoxy EP-420	Medium viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent	9/10	5/13	Pecora Corporation 165 Wambold Road Harleysville PA 19438 (800) 523-6688 (215) 799-2518 – Fax
A-3	10091	Dynapoxy EP-450	Low viscosity, high strength bonding agent; two components, general purpose.	9/10	1/11	Pecora Corporation 165 Wambold Road Harleysville PA 19438 (800) 523-6688 (215) 799-2518 – Fax
A-3	92-40	Hunt Process HB 100	Medium viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-3	85-23	LPL Epoxy Bonder	Regular viscosity. Bonding agent for old to old conc. Dowel epoxy bonding agent.	5/04	5/09	Contractor's Chemical, Inc. 3130 Depot Road Hayward CA 94545-2708 (510) 783-5631
A-3	90-14	Polybac or Polyject 1605	Regular viscosity. Bonding agent for old to old conc. Dowel epoxy bonding agent.	5/08	5/13	Polygem, Inc. P.O. Box 609 West Chicago IL 60186 (630) 231-5600 (630) 231-5604 http://www.polygem.com/
A-3	90-13	Polyject 1001	Injection epoxy adhesive. Bonding agent for old to old conc. Dowel epoxy bonding agent.	5/08	5/13	Polygem, Inc. P.O. Box 609 West Chicago IL 60186 (630) 231-5600 (630) 231-5604 http://www.polygem.com/

A-3	90-16	Polyject Epoxy Injection Cartridge	Injection epoxy adhesive. Bonding agent for old to old conc. Dowel epoxy bonding agent.	5/08	5/13	Polygem, Inc. P.O. Box 609 West Chicago IL 60186 (630) 231-5600 (630) 231-5604 http://www.polygem.com/
A-3	92-09	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.	5/08	5/13	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-3	92-06	Pro-Poxy 200	Medium viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	5/08	5/13	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-3	92-05	Pro-Poxy 300	Non-sag viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	5/08	5/13	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-3	95-13	Pro-Poxy 300 Fast	Non-sag, injectable	1/06	1/11	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-3	95-09	Pro-Poxy 50 Super LV	Low viscosity, high strength boding agent; two components, general purpose.	1/06	1/11	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-3	91-45	Prime Gel 2500 Quick Bond	Non-sag consistency. Bonding agent for old to old conc. Dowel epoxy bonding agent.	11/05	11/10	Prime Resins, Inc. 2381 Rockaway Industrial Boulevard Conyers GA 30012 (800) 321-7212 (770) 388-0626 (770) 388-0936 http://www.primeresins.com/
A-3	91-46	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.	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax http://www.wrmeadows.com/
A-3	91-47	Rezi-weld Gel Paste Construction Epoxy	Non-sag consistency. Bonding agent for old to old conc. Dowel epoxy bonding agent.	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax http://www.wrmeadows.com/

A-3	86-43	Rezi-weld Multiple Purpose Epoxy	Low viscosity. Dowel epoxy-bonding agent. Bonding agent for old to old conc. & bonding old to new concrete.	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax http://www.wrmeadows.com/
A-3	95-05	Rezi-Weld Rapid Set Injection Epoxy	Low viscosity	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax 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. 1131 W. Baker Street Costa Mesa, CA 92626 (714) 429-0808 (714) 429-1881 - Fax
A-3	83-27	Sikadur 31 Hi-Mod Gel	High viscosity or non-sag. Dowel epoxy-bonding agent. Bonding agent for old to old conc.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-3	90-06	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.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-3	82-12	Sikadur 35 Hi Mod LV (a.k.a. Sikastix 350)	Bonding agent for old to old conc., crack-sealing injection.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-3	88-16	Sikadur Injection Gel	Non-sag consistency. Crack-sealing injection & bonding agent for old to old conc.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-3	91-44	Speed Bond #1	Non-sag consistency. Bonding agent for old to old conc. Dowel epoxy bonding agent.	11/05	11/10	Prime Resins, Inc. 2381 Rockaway Industrial Boulevard Conyers GA 30012 (800) 321-7212 (770) 388-0626 (770) 388-0936 http://www.primeresins.com/

A-3	99-03	Spec-Bond 50	Low viscosity epoxy adhesive.	5/11	5/16	Conspec by Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-3	09003	Specpoxy 1000		11/10	11/15	Specchem LLC 444-B Richmond Ave Kansas City KS 66101 (562) 489-9607 (562) 426-8747 - Fax
A-3	92-70	Sure-Anchor Epoxy	Non-sag viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	4/08	4/13	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 http://www.daytonsuperior.com/
A-3	96-39	Sure-Anchor I (J-51)	Bonding agent – Bonding agent for old to old concrete.	4/08	4/13	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 http://www.daytonsuperior.com/
A-3	09086	T308+	Non-sag, injectable	12/10	1/16	Powers Fasteners, Inc. 2 Powers Lane Brewster NY 10509 (914) 235-6300 (914) 235-1913 – FAX 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 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-3	98-12	Unitex Pro-Poxy 100LV	General-purpose epoxy used for crack grouting.	5/08	5/13	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-3	97-22	Unitex Pro-Poxy 200	Medium viscosity epoxy adhesive.	5/08	5/13	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-3	07014	Unitex Pro-Poxy 204	For structural bonding of concrete, fresh to hardened, old to old, and structural repair.	12/07	12/12	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (303) 941-0123 (816) 483-3149 – Fax www.unitex-chemicals.com

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV

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	89-42	Concresive 1360	Injection epoxy adhesive. Crack-sealing injection & bonding agent for old to old conc. Dowel epoxy bonding agent.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
A-4	83-49	Concresive 1380	Low viscosity bonding agent; crack-sealing injection	3/03	3/08	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
A-4	87-18	Crackbond LR 321	Injection epoxy adhesive. Crack-sealing injection & bonding agent for old to old concrete.	9/09	9/14	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-4	82-12	Sikadur 35 Hi Mod LV (a.k.a. Sikastix 350)	Bonding agent for old to old conc.; crack-sealing injection.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-4	83-31	Sikadur 52	Injection resin epoxy. Crack-sealing injection. Dowel epoxy bonding agent	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-4	88-16	Sikadur Injection Gel	Non-sag consistency; crack-sealing injection & bonding agent for old to old concrete.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-4	09003	Specpoxy 1000		11/10	11/15	Specchem LLC 444-B Richmond Ave Kansas City KS 66101 (562) 489-9607 (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.	12/07	12/12	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (303) 941-0123 (816) 483-3149 – Fax www.unitex-chemicals.com

A-5 – Dowel Bonding Adhesive – Cementitious
ADOT Specifications: Materials Group Method
ADOT Drawings: None
Responsible Section: Materials Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
A-5	94-11	Quik-Rok		9/09	9/14	Ameristar Fence Products P.O. Box 581000 Tulsa OK 74158-1000 (800) 321-8724 (918) 835-0898 (877) 926-3747 – Fax http://www.ameristarfence.com/

A-6 – Dowel Bonding Adhesive – Epoxy
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 applications.*

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
A-6	02078	Acrylic Tie Adhesive		12/05	12/10	Simpson Anchor Systems 4120 Dublin Boulevard, Suite 400 Dublin, CA 94568 800-999-5099 614- 850- 4129-Fax
A-6	92-59	Burke Epoxy Pistol Pak	Dowel system. Dowel epoxy-bonding agent.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-6	85-21	BurkEpoxy MV (Liquid) (formerly Burke 881 LPL Patch and Bond Epoxy)	Regular viscosity. Bonding agent for old to old concrete. & bonding agent for old to new concrete. Dowel epoxy-bonding agent.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-6	90-17	BurkEpoxy NS (Gel)	Non-sag consistency. Bonding agent for old to old conc. & bonding agent for old to new conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-6	90-12	BurkEpoxy NS Rapid Set	Non-sag consistence. Bonding agent for old to old conc. Dowel epoxy bonding agent.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com

A-6	96-45	BurkEpoxy Pistol Pack	Dowel bonding adhesive – epoxy	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-6	91-05	CIA Gel Epoxy	Dowel system. Dowel epoxy bonding agent	4/08	4/13	USP Structural Connectors 14305 Southcross Drive, Suite 200 Burnsville MN 55306 (952) 898-8772 (952) 898-8683 - Fax
A-6	00-06	Concresive 1490	Two component, 100% solids, non-sag, epoxy adhesive used for vertical and overhead bonding, patching applications for horizontal anchoring.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
A-6	89-42	Concresive 1360	Injection epoxy adhesive. Crack-sealing injection & bonding agent for old to old conc. Dowel epoxy bonding agent.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
A-6	90-42	Concresive 1370	Injection epoxy. Bonding agent for old to old conc. Dowel epoxy bonding agent.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
A-6	82-48	Concresive Liquid LPL	Medium viscosity. Bonding agent for old to old conc. Dowel epoxy bonding agent.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
A-6	83-50	Concresive Paste SPL	High viscosity or non-sag epoxy. Dowel epoxy-bonding agent. Bonding agent for old to new conc.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
A-6	83-26	Duralcrete LV	Low viscosity. Bonding agent for old to old conc., crack-sealing injection. Dowel epoxy-bonding agent.	5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland Ohio 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
A-6	91-95	Duralith	Medium viscosity. Bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com

A-6	91-94	Duralith Gel	Non-sag consistency. Bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
A-6	10089	Dynapoxy EP-430 Fast	Non-sag, injectable	9/10	1/11	Pecora Corporation 165 Wambold Road Harleysville PA 19438 (800) 523-6688 (215) 799-2518 – Fax
A-6	10090	Dynapoxy EP-420	Medium viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent	9/10	5/13	Pecora Corporation 165 Wambold Road Harleysville PA 19438 (800) 523-6688 (215) 799-2518 – Fax
A-6	10091	Dynapoxy EP-450	Low viscosity, high strength bonding agent; two components, general purpose.	9/10	1/11	Pecora Corporation 165 Wambold Road Harleysville PA 19438 (800) 523-6688 (215) 799-2518 – Fax
A-6	98-19	Epcon A7 Adhesive	Dowel adhesive system.	3/03	12/13	ITW Ramset/Red Head 1300 N. Michael Drive Wood Dale IL 60191 (630) 350-0370 (630) 350-7985 – Fax http://www.ramset-redhead.com/
A-6	88-15	Epcon C6 Adhesive (ceramic 6)	Injection anchoring system. Dowel epoxy-bonding agent.	4/03	4/08	ITW Ramset/Redhead 1300 N. Michael Drive Wood Dale IL 60191 (630) 350-0370 (630) 350-7985 – Fax http://www.ramset-redhead.com/
A-6	00-17 01043	Epcon Maxima 7 Glass Capsules	Adhesive anchoring material in glass capsules for setting threaded rod for anchoring in solid concrete.	3/03	3/08	ITW Ramset/Red Head 1300 N. Michael Drive Wood Dale IL 60191 (630) 350-0370 (630) 350-7985 – Fax http://www.ramset-redhead.com/
A-6	95-04 95014	Epcon System New Granite 5 (New G5)	Dowel system	3/03	3/08	ITW Ramset/Red Head 1300 N. Michael Drive Wood Dale IL 60191 (630) 350-0370 (630) 350-7985 – Fax http://www.ramset-redhead.com/
A-6	99-24 98111	Epcon System Impact Capsule	Single sealed glass capsule of adhesive containing both the resin and hardener being kept separate.	3/03	3/08	ITW Ramset/Red Head 1300 N. Michael Drive Wood Dale IL 60191 (630) 350-0370 (630) 350-7985 – Fax http://www.ramset-redhead.com/

A-6	98-37 98095	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.	2/04	2/09	Simpson Strong-Tie Company, Inc. 4120 Dublin Boulevard, Suite 400 Dublin CA 94568 (800) 999-5099 http://www.strongtie.com/
A-6	90-57	Euco #452 MV Epoxy System	Medium viscosity. Dowel epoxy-bonding agent.	5/08	5/13	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110-2799 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
A-6	91-93	Flexocrete	Low viscosity. Dowel epoxy-bonding agent.	5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
A-6	04011	Gelbond NS Fast		6/06	6/11	US Mix Products Company 112 South Santa Fe Drive Denver Colorado 80223 (303) 778-7227 (303) 722-8426 – Fax
A-6	01087	Hilti HIT RE 500 Injection Adhesive		5/08	5/13	Hilti, Inc. PO Box 21148 Tulsa OK 74121 (800) 879-8000 (800) 879-7000 – Fax www.hilti.com
A-6	87-11	HS-200	Dowel epoxy-bonding agent.	9/09	9/14	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-6	99049	HTE 50 High Strength Epoxy		9/09	9/14	Hilti, Inc. 5400 South 122nd East Ave. Tulsa OK 74146 (800) 879-6000 (800) 879-7000 – Fax www.hilti.com
A-6	85-23	LPL Epoxy Bonder	Regular viscosity. Bonding agent for old to old conc. Dowel epoxy bonding agent.	5/04	5/09	Contractor's Chemical, Inc. 3130 Depot Road Hayward CA 94545-2708 (510) 783-5631
A-6	86-02	Mark-193	A three-component epoxy. Dowel epoxy-bonding agent.	9/09	9/14	Poly-Carb, Inc. 33095 Bainbridge Rd. Cleveland OH 44139 (440) 248-1223 (440) 248-1513 – Fax www.poly-carb.com

A-6	86-32	Mark-198	Dowel adhesive. Dowel epoxy-bonding agent.	9/09	9/14	Poly-Carb, Inc. 33095 Bainbridge Rd. Cleveland OH 44139 (440) 248-1223 (440) 248-1513 – Fax www.poly-carb.com
A-6	02076	New G5 Epoxy Anchoring Adhesive		5/03	5/08	ITW Ramset/Redhead 1300 N Michael Drive Wood Dale IL 60191 (618) 465-4047 (618) 465-4048 – Fax
A-6	90-14	Polybac or Polyject 1605	Regular viscosity. Bonding agent for old to old concrete. Dowel epoxy-bonding agent.	5/08	5/13	Polygem, Inc. P.O. Box 609 West Chicago IL 60186 (630) 231-5600 (630) 231-5604 http://www.polygem.com/
A-6	90-13	Polyject 1001	Injection epoxy adhesive. Bonding agent for old to old concrete. Dowel epoxy-bonding agent.	5/08	5/13	Polygem, Inc. P.O. Box 609 West Chicago IL 60186 (630) 231-5600 (630) 231-5604 http://www.polygem.com/
A-6	90-15	Polyject 1257	Regular viscosity. Dowel epoxy-bonding agent.	5/08	5/13	Polygem, Inc. P.O. Box 609 West Chicago IL 60186 (630) 231-5600 (630) 231-5604 http://www.polygem.com/
A-6	90-16	Polyject Epoxy Injection Cartridge	Injection epoxy adhesive. Bonding agent for old to old concrete. Dowel epoxy-bonding agent.	5/08	5/13	Polygem, Inc. P.O. Box 609 West Chicago IL 60186 (630) 231-5600 (630) 231-5604 http://www.polygem.com/
A-6	00-04	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.	5/08	5/13	Powers Fasteners, Inc. 2 Powers Lane Brewster NY 10509 (914) 235-6300 (914) 235-1913 – FAX http://www.powers.com
A-6	00-03	Powers AC 100 PLUS Adhesive	A two component, fast setting, high-strength structural adhesive system for anchoring threaded rods, bolts, reinforcing bars, and smooth dowels. Suitable for concrete, masonry, and stone base materials.	5/08	5/13	Powers Fasteners, Inc. 2 Powers Lane Brewster NY 10509 (914) 235-6300 (914) 235-1913 – FAX http://www.powers.com

A-6	00-05	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.	5/08	5/13	Powers Fasteners, Inc. 2 Powers Lane Brewster NY 10509 (914) 235-6300 (914) 235-1913 – FAX http://www.powers.com
A-6	91-41	Power Fast+ Epoxy Standard Set	A two component, high-strength structural epoxy system for anchoring threaded rods, bolts, reinforcing bars, and smooth dowels. Suitable for concrete, masonry, and stone base materials.	5/08	5/13	Powers Fasteners, Inc. 2 Powers Lane Brewster NY 10509 (914) 235-6300 (914) 235-1913 – FAX http://www.powers.com
A-6	92-09	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.	5/08	5/13	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-6	92-06	Pro-Poxy 200	Medium viscosity. Bonding agent for old to old concrete. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	5/08	5/13	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-6	92-05	Pro-Poxy 300	Non-sag viscosity. Bonding agent for old to old conc. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	5/08	5/13	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-6	95-13	Pro-Poxy 300 Fast	Non-sag, injectable	1/06	1/11	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-6	95-09	Pro-Poxy 50 Super LV	Low viscosity, high strength, two components, general purpose bonding agent.	1/06	1/11	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-6	91-45	Prime Gel 2500 Quick Bond	Non-sag consistency. Bonding agent for old to old concrete. Dowel epoxy-bonding agent.	8/09	8/14	Prime Resins, Inc. 2381 Rockaway Industrial Boulevard Conyers GA 30012 (800) 321-7212 (770) 388-0626 (770) 388-0936 http://www.primeresins.com/
A-6	88-22	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.	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax http://www.wrmeadows.com/

A-6	91-46	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.	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax http://www.wrmeadows.com/
A-6	89-55	Rezi-weld ER-43	Regular viscosity. Dowel epoxy-bonding agent.	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax http://www.wrmeadows.com/
A-6	91-47	Rezi-weld Gel Paste Construction Epoxy	Non-sag consistency. Bonding agent for old to old concrete. Dowel epoxy-bonding agent.	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax http://www.wrmeadows.com/
A-6	86-43	Rezi-weld Multiple Purpose Epoxy	Low viscosity. Dowel epoxy-bonding agent. Bonding agent for old to old concrete. & bonding old to new concrete.	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax http://www.wrmeadows.com/
A-6	95-05	Rezi-Weld Rapid Set Injection Epoxy	Low viscosity	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax http://www.wrmeadows.com/
A-6	85-25	Select Bond FS-135	Medium viscosity. Bonding agent for old to old concrete. Dowel epoxy-bonding agent.	5/08	5/13	Select Products Co. 1131 W. Baker Street Costa Mesa, CA 92626 (714) 429-0808 (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. 1131 W. Baker Street Costa Mesa, CA 92626 (714) 429-0808 (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. 1131 W. Baker Street Costa Mesa, CA 92626 (714) 429-0808 (714) 429-1881 - Fax
A-6	03106	Sikadur Anchor Fix – 2		11/06	11/11	Sika Corporation 2925 East Riggs Road, #8 PMB 181 Chandler AZ 85249 (480) 883-7626

A-6	02096	Sikadur Anchor Fix – 3		11/06	11/11	Sika Corporation 2925 East Riggs Road, #8 PMB 181 Chandler AZ 85249 (480) 883-7626
A-6	03082	Sikadur Anchor Fix – 4		11/06	11/11	Sika Corporation 2925 East Riggs Road, #8 PMB 181 Chandler AZ 85249 (480) 883-7626
A-6	83-29	Sikadur 21 Lo-Mod LV	Low viscosity not to be under vehicle traffic. Bonding agent for old to new concrete. Dowel epoxy-bonding agent.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-6	83-27	Sikadur 31 Hi-Mod Gel	High viscosity or non-sag. Dowel epoxy-bonding agent. Bonding agent for old to old concrete.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-6	83-28	Sikadur 32 Hi-Mod	Regular viscosity. Bonding agent for old to new concrete. Dowel epoxy-bonding agent.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-6	90-06	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.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-6	83-31	Sikadur 52	Injection resin epoxy. Crack-sealing injection. Dowel epoxy-bonding agent.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-6	88-16	Sikadur Injection Gel	Non-sag consistency. Crack-sealing injection & bonding agent for old to old concrete.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
A-6	99-03	Spec-Bond 50	Low viscosity epoxy adhesive.	5/11	5/16	Conspec by Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com

A-6	93-43	Spec-Bond 100	Medium viscosity. Bonding agent for old to new concrete. Dowel epoxy-bonding agent.	4/08	4/13	Conspec by Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-6	92-23	Spec-Bond 200	Non-sag viscosity. Bonding agent for old to new concrete. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	4/08	4/13	Conspec by Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
A-6	91-44	Speed Bond #1	Non-sag consistency. Bonding agent for old to old concrete. Dowel epoxy-bonding agent.	8/09	8/14	Prime Resins, Inc. 2381 Rockaway Industrial Boulevard Conyers GA 30012 (800) 321-7212 (770) 388-0626 (770) 388-0936 http://www.primeresins.com/
A-6	09003	Specpoxy 1000		11/10	11/15	Specchem LLC 444-B Richmond Ave Kansas City KS 66101 (562) 489-9607 (562) 426-8747 - Fax
A-6	92-70	Sure-Anchor Epoxy	Non-sag viscosity. Bonding agent for old to old concrete. & bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	4/08	4/13	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 http://www.daytonsuperior.com/
A-6	96-39	Sure-Anchor I (J-51)	Dowel bonding agent – epoxy.	4/08	4/13	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 http://www.daytonsuperior.com/
A-6	09086	T308+	Non-sag, injectable.	12/10	1/16	Powers Fasteners, Inc. 2 Powers Lane Brewster NY 10509 (914) 235-6300 (914) 235-1913 – FAX http://www.powers.com
A-6	98-12	Unitex Pro-Poxy 100LV	General-purpose epoxy for crack grouting.	5/08	5/13	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-6	97-22	Unitex Pro-Poxy 200	Medium viscosity epoxy adhesive.	5/08	5/13	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax

A-6	95-10	Ultrabond 3 (Ultrabond QC; Ultrabond Quick Cure)	Dowel system	12/10	12/15	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-6	09107	Ultrabond 365	Dowel system	12/09	12/13	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2499 – Fax http://www.atc.ws
A-6	02001	Ultrabond 1100	Bonding agent for concrete to concrete. Dowel and anchoring epoxy as well.	9/09	9/14	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-6	95-11	Ultrabond 1300 (Ultrabond AT; Ultrabond Accelerated Time)	Dowel system	12/10	12/15	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-6	95-12	Ultrabond 2200 (Ultrabond ET; Ultrabond Extended Time)	Dowel system	12/10	12/15	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-6	02008	Ultrabond 2300		9/09	9/14	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws

Category: B – Aggregates

	B-1 – Special ADOT Specifications: None ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV

Category: C – Barriers, Fencing and Roadside Structures

	C-1 – Proprietary MSE Walls ADOT Specifications: See ADOT Specific Requirements ADOT Drawings: See ADOT Specific Requirements Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
C-1	09111	Allan Block	See ADOT Specific Requirements at http://www.azdot.gov/apl/ADOT-MSE_Walls/AllanBlock.pdf	12/09	12/14	AZ Block Company 9311 North Casa Grande Highway Tucson AZ 85743 Tel. – 520-744-3890 Fax – 520-744-2577
C-1	10035	ARES Wall	See ADOT Specific Requirements at http://www.azdot.gov/apl/TENSAR_ARES/.pdf	5/11	5/16	Tensar International Corporation 5883 Glenridge Drive, Suite 200 Atlanta GA 30328 Tel. – 888-828-5126
C-1	09112	MESA Block	See ADOT Specific Requirements at http://www.azdot.gov/apl/ADOT-MSE_Walls/TENSAR_MESA.pdf	12/09	12/14	Tensar International Corporation 5883 Glenridge Drive, Suite 200 Atlanta GA 30328 Tel. – 888-828-5126 Fax – 404-250-0461
C-1	98058	MSE Plus Concrete Panel Wall	See ADOT Specific Requirements at http://www.azdot.gov/apl/ADOT-MSE_Walls/SSL_MSE_Plus_Concrete_Panel.pdf	12/09	12/14	SSL, LLC 4740 Scotts Valley Drive, Suite E Scotts Valley CA 95066 Tel. – 831-430-9300 Fax – 831-430-9300
C-1	99112	MSE Plus Welded Wire Wall	See ADOT Specific Requirements at http://www.azdot.gov/apl/ADOT-MSE_Walls/SSL_MSE_Plus_Welded_Wire.pdf	12/09	12/14	SSL, LLC 4740 Scotts Valley Drive, Suite E Scotts Valley CA 95066 Tel. – 831-430-9300 Fax – 831 430-9340
C-1	10092	Reinforced Earth Company Concrete Panel Wall System	See ADOT Specific Requirements at http://www.azdot.gov/apl/ADOT-MSE_Walls/RECO_Concrete_Panel_Faced_System.pdf	10/10	10/15	Reinforced Earth Company (RECO) 1660 Hotel Circle North; Suite 304 San Diego CA 92108 Tel. - 619-688-2400 Fax - 619-688-2499
C-1	06102	Sundance Redi-Rock	See ADOT Specific Requirements at http://www.azdot.gov/apl/ADOT-MSE_Walls/Redi-Rock.pdf	12/09	12/14	Sundance Redi-Rock, LLC 677 North Apache Drive Dewey AZ 86327 Tel. – 928-759-2700 Fax – 928-759-2607

Category: D – Bituminous Materials and Additives

	D-1 – Anti-stripping Agent ADOT Specifications: None ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
D-1	90-39	Kling Beta-2550-(HM)	Anti-stripping agent.	4/03	10/13	Akzo Nobel Surface Chemistry, LLC 525 W. Van Buren St. Chicago IL 60607-3823 (312) 544 – 7046
D-1	92-73	Kling Beta 2700		4/03	10/13	Akzo Nobel Surface Chemistry, LLC 525 W. Van Buren St. Chicago IL 60607-3823 (312) 544 – 7046
D-1	90-38	Perma-Tac Plus	Anti-stripping agent	4/03	10/13	Akzo Nobel Surface Chemistry, LLC 525 W. Van Buren St. Chicago IL 60607-3823 (312) 544 – 7046
D-1	92-72	Redicote 95S	Anti-stripping agent.	4/03	10/13	Akzo Nobel Surface Chemistry, LLC 525 W. Van Buren St. Chicago IL 60607-3823 (312) 544 – 7046
D-1	91-39	Unichem 8161™	Anti-stripping agent.	9/09	9/14	BJ Chemical Services A Division of BJ Services Company, U.S.A. P.O. Box 755 Casper WY 82602 (307) 235-5906 (307) 235-4074 – Fax
D-1	91-40	Unichem 8162™	Anti-stripping agent.	9/09	9/14	BJ Chemical Services A Division of BJ Services Company, U.S.A. P.O. Box 755 Casper WY 82602 (307) 235-5906 (307) 235-4074 – Fax
D-1	91-60	Unichem 8169™	Anti-stripping agent.	9/09	9/14	BJ Chemical Services A Division of BJ Services Company, U.S.A. P.O. Box 755 Casper WY 82602 (307) 235-5906 (307) 235-4074 – Fax

Category: E – Bituminous Rejuvenators & Preservative Materials

	E-1 – Regular ADOT Specifications: None ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

Category: F – Culverts and Drainage Structures

	F-1 – Catch Basin, Median Dyke http://www.azdot.gov/highways/Roadway_Engineering/Roadway_Design/Mfrapp_Drawings/Precast_Concrete_Misc_Structures/Index.asp ADOT Specifications: 503, 106.14 ADOT Drawings: C-15.90 available at: http://www.azdot.gov/highways/Roadway_Engineering/Roadway_Design//Construction_Standards/Drawings_Current/PDF/2007ConstructionStandardDrawings.pdf Responsible Section: Roadway Engineering					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
F-1		ADOT CB C-15.90 Mod 12-16-08	May be used per Std. Spec 106.14, PRIDE Approval pending			US Concrete Precast Group 2410 W. Broadway Rd. Phoenix AZ 85041 (603) 305 - 2189
F-1	02129	Nyloplast Storm Drainage Structures		6/06	6/11	Nyloplast –ADS 3130 Verona Ave. Buford GA 30518 (801) 638-2000 (801) 294-6874 – Fax
F-1	09090	Precast Concrete Catch Basin C-15.90		6/11	6/16	US Concrete 2410 W. Broadway Phoenix, AZ 85041 602-268-0228
F-1		U-9900-1 10-08-03	May be used per Std. Spec. 106.14. updated drawings pending			Utility Vault / Oldcastle Precast P.O. Box 610 Chandler AZ 85244 (480) 963 - 2678

F-2 – Catch Basins, Median Flush
http://www.azdot.gov/highways/Roadway_Engineering/Roadway_Design/Mfrapp_Drawings/Precast_Concrete_Misc_Structures/Index.asp
ADOT Specifications: 503, 106.14
ADOT Drawings: C-15.80 available at:
http://www.azdot.gov/highways/Roadway_Engineering/Roadway_Design//Construction_Standards/Drawings_Current/PDF/2007ConstructionStandardDrawings.pdf
Responsible Section: Roadway Engineering

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
F-2		ADOT Catch Basin C-15.18, 12-19-08	May be used per Std. Spec. 106.14, PRIDE approval pending			US. Concrete Precast Group 2410 W. Broadway Rd. Phoenix AZ 85041 (602) 305 – 2189
F-2		ADOT C-15.80 PC Grate, 12-16-08	May be used per Std. Spec. 106.14, PRIDE approval Pending			US. Concrete Precast Group 2410 W. Broadway Rd. Phoenix AZ 85041 (602) 305 – 2189
F-2	02129	Nyloplast Storm Drainage Structures		6/06	6/11	Nyloplast –ADS 3130 Verona Ave. Buford GA 30518 (801) 638-2000 (801) 294-6874 – Fax
F-2	09089	Precast Concrete Catch Basin C-15.80		6/11	6/16	US Concrete 2410 W. Broadway Phoenix, AZ 85041 602-268-0228
F-2		U1100-1 10-08-03	May be used per Std. Spec. 106.14, Updated drawings pending.			Utility Vault / Oldcastle Precast P.O. Box 610 Chandler AZ 85244 (480) 963 - 2678

F-6 – Cattle Guards Foundation
http://www.azdot.gov/highways/Roadway_Engineering/Roadway_Design/Mfrapp_Drawings/Precast_Concrete_Misc_Structures/Index.asp
ADOT Specifications: 906, 106.14
ADOT Drawings: C-11.10 available at:
http://www.azdot.gov/highways/Roadway_Engineering/Roadway_Design//Construction_Standards/Drawings_Current/PDF/2007ConstructionStandardDrawings.pdf
Responsible Section: Roadway Engineering

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
F-6		ADOT - CGF	5 Drawings	1/09	1/14	U.S. Concrete, Precast Group 2410 W. Broadway Rd. Phoenix AZ 85041 (602) 305 – 2189
F-6		G2100-2,3,4	3 Drawings- may be used per ADOT Std. Spec. 106.14. Std. C-11.10 top grill clamps required.			Utility Vault / Oldcastle Precast P.O. Box 610 Chandler AZ 85244 (480) 963 - 2678

F-6	09049	Precast Concrete Cattle Guard		6/11	6/16	US Concrete 2410 W. Broadway Phoenix, AZ 85041 602-268-0228

	F-7 – Locking Wire Fasteners ADOT Specifications: None ADOT Drawings: None Responsible Section: Roadway Engineering					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
F-7	98-33	11G40 High Tensile Gabion Ring	Overlapping ring wire fastener	9/09	9/14	King Hughes Fasteners Corp. PO Box 98 550 Fourth Street Imlay City MI 48444 (810) 721-0300 (810) 721-0400 – Fax www.hogrings.com

	F-8 – Drainage Pipe Liner – High Density Polyethylene 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) ADOT Drawings: None Responsible Section: Roadway Design Section					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
F-8	01077	Culvert Renew	Available at 10”, 12”, 15”, 18”, 21”, 24”, 27”, 30”, 36”, 40”, 42” and 48” I.D.	11/05	11/10	Poly Systems, Inc. P.O. Box 1157 Steelville MO 65565 (800) 829-3904
F-8	08045	DuroMaxx	Approved for up to 60 inch diameter pipe only	8/09	8/14	Contech Construction Products, Inc. 4625 C Industrial Way Kingman AZ 86401 (623) 935-7118 (623) 0935-6100 – Fax www.contech-cpi.com
F-8	06018	SNAP-TITE Culvert Liner		9/07	9/12	ISCO Industries, LLC 926 Baxter Avenue Louisville KY 40204 (502) 649-8015 (502) 568-4032 www.culvert-rehab.com

F-8	10020	Weholite	Temporarily approved for use up to 60 inch pipe diameter only	3/10	3/11	KWH Pipe 6507 Mississauga Road Mississauga, Ontario, Canada L5N 1A6 (905) 858-0206 (905) 858-0208 www.kwhpipe.ca

	F-9 – Non-perforated Drainage Plastic Tubing – Corrugated, Type C, 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-9		AASHTO Grade ADS and Hancor	At 4”, 6”, 8”, or 10” I.D. Single Wall Corrugated Pipe Factory Markings, for example: “A/H 8” I.D. AASHTO M252” ADS brand denoted by green stripe; Hancor brand denoted by blue stripe. No water resistant or watertight joint available that meets ADOT 1010-8.	6/99	6/04	Advanced Drainage Systems, Inc. 4640 Trueman Blvd. Hilliard, Ohio 43026 (800) 733-4646

	F-10 – Non-perforated Drainage Plastic Tubing – Corrugated, Type S, High Density Polyethylene ADOT Specifications: 501-3.03(G) & 1010-8; AASHTO 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-10	01120	N-12 N-12 Pro Link Hi-Q	At 4”, 6”, 8”, or 10” I.D. Smoother Interior Pipe Factory Markings, for example: “A/H 8” I.D. AASHTO M252” ADS brand denoted by green stripe; Hancor brand denoted by blue stripe. Includes split couplings and soil-tight (ST) or watertight (WT) gasketed integral joints that comply with ASTM D3212.	12/05	12/10	Advanced Drainage Systems, Inc. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646

	F-11 – Non-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-11		ADS/Single wall highway Hancor/AASHTO pipe	4" - 24" I.D. single wall corrugated pipe. Factory markings for example: A 8" I.D. AASHTO M252 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. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646 www.ads-pipe.com

	F-12 – Non-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-12	98032 00040 00041 00042 00043 00044 00045 01010 01011 01012 01013 01014 01120 01021 04015 07075	ADS/ N12 IBST (integral bell soil tight) Hancor/Sure-Lok	Soil tight joints: 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. 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. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646 www.ads-pipe.com
F-12	99044	ADS/Plain end Hancor/Hi-Q	Soil tight joints: 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. 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. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646 www.ads-pipe.com
F-12	98056	ADS/N12 IBWT (integral bell water tight) Hancor/BlueSeal	Water tight joints: 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. 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. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646 www.ads-pipe.com
F-12	01070 01071 01072	ADS/N12 WT 35 Series Hancor/BlueSeal 35 Series	Water tight joints: 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. 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. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646 www.ads-pipe.com

F-12	08045	DuroMaxx	Approved for up to 60 inch diameter pipe only	8/09	8/14	Contech Construction Products, Inc. 4625 C Industrial Way Kingman AZ 86401 (623) 935-7118 (623) 0935-6100 – Fax www.contech-cpi.com
F-12	08001	GoldFlo WT	Sizes: 12”, 15”, 18”, 24”, 30”, 36”, 42”, 48” Meets NTPEP certification	5/09	5/14	Prinsco Incorporated 111 E. Pine St. Chatsworth IL (815) 635-3131 http://www.prinsco.com/

	F-13 – Perforated Drainage Plastic Tubing – Corrugated, Type C, 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-13		AASHTO Grade	At 4”, 6”, 8”, or 10” I.D. Factory Markings, for example: “ADS 8” I.D. AASHTO M252” Split Couplings available for all sizes.	6/99	6/04	Advanced Drainage Systems, Inc. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646
F-13		Heavy Duty AASHTO	At 3”, 4”, 6”, 8”, or 10” I.D. Factory Markings: “HANCOR” “Diameter (inches)” “AASHTO M252” Silt Resistance Joints for all sizes.	12/05	12/10	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351

	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		Hi-Q	At 4”, 6”, 8”, or 10” I.D. Factory Markings: “HANCOR” “Diameter (inches)” “AASHTO M252” Silt Resistance Joints for all sizes.	12/05	12/10	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351
F-14		N-12	At 4”, 6”, 8”, or 10” I.D. Factory Markings, for example: “ADS 8” I.D. AASHTO M252” Split couplings available for all sizes.	6/99	6/04	Advanced Drainage Systems, Inc. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV

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		ADS/N12 IBST (can use N12 IBWT) Hancor/Sure-lok	Perforations shall meet the requirements of AASHTO M252 and M294 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. 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. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646 www.ads-pipe.com

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		ADS/Single wall Hancor/AASHTO pipe	Perforations shall meet the requirements of AASHTO M252 and M294 4" - 24" I.D. single wall corrugated pipe. Factory markings for example: A 8" I.D. AASHTO M252 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. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646 www.ads-pipe.com

F-17 – Line Drain
ADOT Specifications: PRIDE Pipe Committee Approval (602) 712-3134 *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	96050	Poly Drain	For special applications only when shown on the project plans.	12/05	12/10	ABT P.O. Box 837 259 Mudrock Road Troutman NC 28166 (704) 528-9806 (704) 528-5478-Fax

F-17	02061	S100K Powerdrain	For special applications only when shown on the project plans.	5/08	5/13	ACO Polymer Products, Inc. P.O. Box 12067 Casa Grande AZ 85230 (888) 490-9552
F-17	02064	S300K Powerdrain	For special applications only when shown on the project plans.	5/08	5/13	ACO Polymer Products, Inc. P.O. Box 12067 Casa Grande AZ 85230 (888) 490-9552
F-17	05048	Z-888 Grated Line Drain	For special applications only when shown on the project plans.	9/07	9/12	Zurn Industries 2640 South Work Street Falconer NY 14733 (602) 684-9162 (602) 268-5188 - Fax

Category: G – De-icing Chemicals

	G-1 – Regular ADOT Specifications: None ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

Category: H – Joint Sealers and Fillers

	H-1 – Backer Rod – Regular ADOT Specifications: 402-6.03(E) ADOT Drawings: None 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	84-10	Sealtight Pressure Relief Joint Material	Preformed polyethylene foam used in pressure relief joint.	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax 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		6/07	6/12	Fibrecrete Technologies, LLC PO Box 6007 Mount Airy NC 27030 (336) 786-8244 (336) 786-7425 – Fax
H-3	06017	RoadSaver 221		4/08	4/13	Crafco, Inc. 420 N. Roosevelt Avenue Chandler AZ 85226 (800) 528-8242 (480) 961-0513 – Fax
H-3		Superseal 444/777 (a.k.a. Superseal 777 or Superseal 444)		4/08	4/13	Crafco, Inc. 420 N. Roosevelt Avenue Chandler AZ 85226 (800) 528-8242 (480) 961-0513 – Fax
H-3		Roadseal # 10312		5/11	5/16	Roadseal Co, Ltd. 414-2 Isung-Li, Iseo-Myoun, Wanju-Gun Jeon-Ra-Buk-Do, South Korea 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	84020	Dow Corning 888 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**.**	9/04	3/15	Dow Corning Corporation 12081 W Alameda PKWY #421 Lakewood, CO 80228 (303) 980-1780 (303) 980-1789 – Fax www.dowcorning.com
H-4	02023	Pecora 301 Silicone Pavement Sealant		2/06	2/11	Pecora Corporation 165 Wambold Road Harleysville PA19438 (215) 799-7520 (215) 721-0286 – Fax
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.	2/08	2/13	Crafco, Inc. 420 N. Roosevelt Avenue Chandler AZ 85226 (800) 528-8242 (480) 961-0513 – Fax www.crafco.com
H-4	09102	Shep Silicone Non-sag		5/11	5/16	Crafco, Inc. 420 N. Roosevelt Avenue Chandler AZ 85226 (800) 528-8242 www.crafco.com
H-4	02122	Spectrem 800		12/05	12/10	Tremco, Inc. 3735 Green Road Beachwood OH 44122 216-766-5608 216-766-5335-Fax

	H-5 – Joint Sealant – Silicone for 1/8 Inch Joints ADOT Specifications: None ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
H-5		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.	9/04	3/15	Dow Corning Corporation 12081 W Alameda PKWY #421 Lakewood, CO 80228 (303) 980-1780 (303) 980-1789 – Fax 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.	7/10	7/15	Crafco, Inc. 420 N. Roosevelt Avenue Chandler AZ 85226 (800) 528-8242 (480) 961-0513 – Fax
H-5	09103	Shep Silicone Select		5/11	5/16	Crafco, Inc. 420 N. Roosevelt Avenue Chandler AZ 85226 (800) 528-8242 www.crafco.com

Category: I – Soil Reinforcement and Geosynthetics

	I-1 – Bank Protection Fabric ADOT Specifications: 1014-5 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
I-1	08011	180EX		5/09	5/14	Thrace-LINQ, Inc. 2550 W. 5th North St. Summerville SC 29483 (800) 445-4675
I-1	96-02	Contech C80-NW	Bank protection fabric	9/09	9/14	Contech Construction Products, Inc. P.O. Box 65 El Mirage AZ 85335 (623) 935-7118 www.contech-cpi.com
I-1	03108	EcoBerm and EcoBlanket Compost Material		8/09	8/14	Rexius, Inc 1275 Bailey Hill Rd. Eugene OR 97402 (541) 335-8021 (541) 343-4802 – Fax
I-1	98-21	FX-70CF	Non-woven geotextile	9/03	9/08	Carthage Mills 4243 Hunt Road Cincinnati OH 45242 (800) 543-4430 (513) 794-3434 – Fax www.carthagemills.com
I-1	98-22	FX-80HS	Non-woven geotextile	9/09	9/14	Carthage Mills 4243 Hunt Road Cincinnati OH 45242 (800) 543-4430 (513) 794-3434 – Fax www.carthagemills.com
I-1	93-65	GEOTEX 801		11/05	11/10	SI Geosolutions 4019 Industry Drive Chattanooga TN 37416 (800) 621-1273 (423) 899-7619 –Fax
I-1	91-48	Mirafi 1120 N	Separation or drainage filter fabric. Bank protection fabric, needle punched non-woven polypropylene fabric. Also see 91-53.	4/08	4/13	TenCate Mirafi 365 S. Holland Drive Pendergrass GA 30567 (888) 795-0808 Fax: (706) 693-4400
I-1	91-30	Mirafi 180 N	Separation or drainage filter fabric, non-woven polypropylene fabric.	4/08	4/13	TenCate Mirafi 365 S. Holland Drive Pendergrass GA 30567 (888) 795-0808 Fax: (706) 693-4400

I-1	90-76	Polyfelt TG 700	Separation and filtration drainage blanket.	4/03	4/08	Tenax Corporation 4800 East Monument Street Baltimore MD 21205 (800) 356-8495 (410) 522-7015 – Fax
I-1	90-73	Polyfelt TG 800	Separation and filtration drainage blanket.	4/03	4/08	Tenax Corporation 4800 East Monument Street Baltimore MD 21205 (800) 356-8495 (410) 522-7015 – Fax
I-1	05029	Sealtight Mel Drain		5/11	5/16	W.R. Meadows of Arizona, Inc. 4220 South Sarival Avenue Goodyear, AZ 85338 (623) 932-9383 www.wrmeadows.com
I-1	99-09	TerraTex N08	Non-woven pavement seal coating.	9/09	9/14	Hanes Geo Components 815 Buxton St. Winston-Salem NC 27101 (336) 747-1600 (336) 747-1652 FAX www.hanesgeo.com

	I-2 – Geocomposite Edge Drain System ADOT Specifications: 1014-7 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
I-2	09041	J-Drain SWD		6/11	6/16	JDR Enterprises 292 S. Maine St. Suite 200 Alpharetta, GA 30004 (800) 843-7569
I-2	06106	SITEDRAIN Strip Drain 6400		8/09	8/14	American Wick Drain Corporation 1209 Airport Rd. Monroe NC 28110 (704) 238-9200 (704) 238-0220 – Fax
I-2	94-23 93115	Drain Away – High Flow Highway Edge Drain		5/08	5/13	Drainage Products, Inc. 383 S. Main St. Windsor Locks CT 06096 (860) 668-5108 (860) 623-2560 – Fax
I-2	91-63	Stripdrain 80	Geocomposite edge drain.	9/09	9/14	Contech Construction Products, Inc. P.O. Box 65 El Mirage AZ 85335 (623) 935-7118 www.contech-cpi.com

I-3 – Geocomposite Wall Drain System
ADOT Specifications: 1014-6
ADOT Drawings: None
Responsible Section: Materials Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
I-3	97-15 97019	SITEDRAIN Sheet Drain 94	Geocomposite wall drain.	02/08	02/13	American Wick Drain 1209 Airport Rd. Monroe NC 28110 (704) 238-9200
I-3	97-15 97066	SITEDRAIN Sheet Drain 184	Geocomposite wall drain.	02/08	02/13	American Wick Drain 1209 Airport Road Monroe NC 28110 (704) 238-9200
I-3	91-27	Battle Drain		1/06	1/11	LINQ Industrial Fabrics, Inc. 2550 West Fifth North St. Summerville SC 29483-9699 (800) 445-4675 (843) 875-8276 – Fax
I-3	94-24	Drain Away – Prefabricated Structural Drain		5/08	5/13	Drainage Products, Inc. 383 S. Main St. Windsor Locks CT 06096 (860) 668-5108 (860) 623-2560 – Fax
I-3	91-62	Evergreen Technologies Drainage Composite DC 4100 – TG 600		4/04	4/09	Tenax Corporation 4800 East Monument St. Baltimore MD 21205 (800) 356-8495 (410) 522-7015 – Fax
I-3	91-62	Evergreen Technologies Drainage Composite DC 4100 – TG 700		4/04	4/09	Tenax Corporation 4800 East Monument St. Baltimore MD 21205 (800) 356-8495 (410) 522-7015 – Fax
I-3	92-15	Evergreen Technologies Drainage Composite DC 4200 – TG 600		4/04	4/09	Tenax Corporation 4800 East Monument St. Baltimore MD 21205 (800) 356-8495 (410) 522-7015 – Fax
I-3	92-15	Evergreen Technologies Drainage Composite DC 4200 – TG 700		4/04	4/09	Tenax Corporation 4800 East Monument St. Baltimore MD 21205 (800) 356-8495 (410) 522-7015 – Fax
I-3	91-32	Greenstreak Sheet Drain		5/08	5/13	Greenstreak, Inc. 3400 Tree Court Industrial Blvd. St. Louis MO 63122-6689 (800) 225-9404

I-3	91-33	Greenstreak Sheet Drain HS		5/08	5/13	Greenstreak, Inc. 3400 Tree Court Industrial Blvd. St. Louis MO 63122-6689 (800) 225-9404
I-3	91-31	J-Drain 300		4/03	11/14	JDR Enterprises, Inc. 292 S Main Street, Suite 200 Alpharetta GA 30004-1950 (800) 843-7569 (770) 664-7951
I-3	09042	J-Drain 400/420		6/11	6/16	JDR Enterprises 292 S. Maine St. Suite 200 Alpharetta, GA 30004 (800) 843-7569
I-3	09043	J-Drain 200/220		6/11	6/16	JDR Enterprises 292 S. Maine St. Suite 200 Alpharetta, GA 30004 (800) 843-7569
I-3	05029	Sealtight Mel Drain 5012	Geocomposite wall drain.	2/08	2/13	W.R. Meadows of Arizona, Inc. 4220 South Sarival Avenue Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 - Fax
I-3	05029	Sealtight Mel Drain 5035	Geocomposite wall drain.	2/08	2/13	W.R. Meadows of Arizona, Inc. 4220 South Sarival Avenue Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 - Fax

	I-4 – Geogrid (single layer only) ADOT Specifications: 1014-3 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
I-4	08027	Tenax MS220 B	Conditional approval while tests are conducted by ADOT Materials Group	9/09	9/10	Tenax Corporation 6161 Denslow Way Sacramento CA 95823 (916) 393-1111 (916) 393-1113 – Fax www.tenaxus.com
I-4	91-61	Tensar Geogrid BX 1100		5/08	5/13	The Tensar Corporation 1210 Citizen's Parkway Morrow GA 30260 (770) 968-3255 (770) 960-1734 – Fax
I-4	06042	Tensar BX1200 (SS-2)		8/09	8/14	Tensar Earth Technologies, Inc. 9601 Timp View Dr. Eagle Mountain UT 84043 (801) 789-5407 (801) 789-5408 – Fax

I-4	06039	TerraGrid 100		9/09	9/14	Hanes Geo Components 815 Buxton St. Winston-Salem NC 27101 (336) 747-1600 (336) 747-1652 FAX www.hanesgeo.com

	I-5 – Separation Geotextile Fabric (Low Survivability) ADOT Specifications: 1014-4.01 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
I-5	08010	125EX		6/09	6/14	Thrace-LINQ, Inc. 2550 W. 5th North St. Summerville SC 29483 (800) 445-4675
I-5	93-64A	GEOTEX 351		11/05	11/10	SI Geosolutions 4019 Industry Drive Chattanooga TN 37416 (800) 621-1273 (423) 899-7619 -Fax
I-5	93-62	GEOTEX 401		11/05	11/10	SI Geosolutions 4019 Industry Drive Chattanooga TN 37416 (800) 621-1273 (423) 899-7619 -Fax
I-5	08002	GTF 150		6/09	6/14	Thrace-LINQ, Inc. 2550 W. 5th North St. Summerville SC 29483 (800) 445-4675
I-5	93-75	Propex 4545		1/06	1/11	Propex Fabrics Inc. 260 The Bluffs Austell GA 30168 (800) 445-7732 (770) 944-4584 – Fax
I-5	91-29	Mirafi 140 NL	Separation or drainage filter fabric, non-woven polypropylene fabric.	4/08	4/13	TenCate Mirafi 365 S. Holland Drive Pendergrass GA 30567 (888) 795-0808 Fax: (706) 693-4400
I-5	91-25	Polyfelt TG 420	Separation or drainage filter fabric, non-woven polypropylene geotextile.	4/03	4/08	Tenax Corporation 4800 East Monument Street Baltimore MD 21205 (800) 356-8495 (410) 522-7015 – Fax
I-5	90-74	Polyfelt TG 500	Separation and filtration drainage blanket.	4/03	4/08	Tenax Corporation 4800 East Monument Street Baltimore MD 21205 (800) 356-8495 (410) 522-7015 - Fax

I-5	98-07	TerraTex N04	Non-woven geotextile.	9/09	9/14	Hanes Geo Components 815 Buxton St. Winston-Salem NC 27101 (336) 747-1600 (336) 747-1652 FAX www.hanesgeo.com
I-5	97-24 97043	TNS R035	A non-woven polypropylene geotextile.	4/03	10/13	TNS Advanced Technologies Crown Resources, LLC 681 DeYoung Rd. Greer SC 29651 (864) 968-0594 (864) 879-4639 – Fax www.crownresources.net
I-5	97-25 97044	TNS R040	A non-woven polypropylene geotextile.	4/03	10/13	TNS Advanced Technologies Crown Resources, LLC 681 DeYoung Rd. Greer SC 29651 (864) 968-0594 (864) 879-4639 – Fax www.crownresources.net
I-5	91-77	Trevira Spunbond Engineering Fabric Trevira 1114	Separation or drainage filter fabric.	5/08	5/13	Johns Manville Corporation P.O. Box 5650 Spartanburg SC 29304 (864) 579-8200
I-5	07059	US 90 NW		08/08	08/13	US Fabrics Inc. 3904 Virginia Ave. Cincinnati OH 45227 (513) 271-6000 (513) 271-4522 – Fax
I-5	07061	US 300 NW		08/08	08/13	US Fabrics Inc. 3904 Virginia Ave. Cincinnati OH 45227 (513) 271-6000 (513) 271-4522 – Fax

	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	08009	150EX		5/09	5/14	Thrace-LINQ, Inc. 2550 W. 5th North St. Summerville SC 29483 (800) 445-4675
I-6	98-26	FX-50HS	Non-woven separation geotextile.	9/03	9/08	Carthage Mills 4243 Hunt Road Cincinnati OH 45242 (800) 543-4430 (513) 794-3434 – Fax

I-6	93-61	GEOTEX 601		11/05	11/10	SI Geosolutions 4019 Industry Drive Chattanooga TN 37416 (800) 621-1273 (423) 899-7619 -Fax
I-6	08003	GTF 200		6/09	6/14	Thrace-LINQ, Inc. 2550 W. 5th North St. Summerville SC 29483 (800) 445-4675
I-6	90-75	Polyfelt TG 600	Separation and filtration drainage blanket.	4/03	4/08	Tenax Corporation 4800 East Monument Street Baltimore MD 21205 (800) 356-8495 (410) 522-7015 - Fax
I-6	99-08	TerraTex GS	Separation, stabilization, embankment protection.	9/09	9/14	Hanes Geo Components 815 Buxton St. Winston-Salem NC 27101 (336) 747-1600 (336) 747-1652 FAX www.hanesgeo.com
I-6	98-06	TerraTex N06	Non-woven geotextile.	9/09	9/14	Hanes Geo Components 815 Buxton St. Winston-Salem NC 27101 (336) 747-1600 (336) 747-1652 FAX www.hanesgeo.com
I-6	98-08	TerraTex OL	Non-woven geotextile.	9/09	9/14	Hanes Geo Components 815 Buxton St. Winston-Salem NC 27101 (336) 747-1600 (336) 747-1652 FAX www.hanesgeo.com
I-6	97-27 97043	TNS R060	A non-woven polypropylene geotextile.	4/03	10/13	TNS Advanced Technologies Crown Resources, LLC 681 DeYoung Rd. Greer SC 29651 (864) 968-0594 (864) 879-4639 – Fax www.crownresources.net
I-6	97-28 97046	TNS R070	A non-woven polypropylene geotextile.	4/03	10/13	TNS Advanced Technologies Crown Resources, LLC 681 DeYoung Rd. Greer SC 29651 (864) 968-0594 (864) 879-4639 – Fax www.crownresources.net

	I-7 – Separation Geotextile Fabric (High Survivability) ADOT Specifications: 1014-4.03 ADOT Drawings: None Responsible Section: Materials Group

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
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
I-7	08011	180EX		5/09	5/14	Thrace-LINQ, Inc. 2550 W. 5th North St. Summerville SC 29483 (800) 445-4675
I-7	96-02	Contech C80-NW	Bank protection fabric.	9/09	9/14	Contech Construction Products, Inc. P.O. Box 65 El Mirage AZ 85335 (623) 935-7118 www.contech-cpi.com
I-7	98-23	FX-80HS	Non–woven geotextile.	9/09	9/14	Carthage Mills 4243 Hunt Road Cincinnati OH 45242 (800) 543-4430 (513) 794-3434 – Fax www.carthagemills.com
I-7	93-65	GEOTEX 801		11/05	11/10	SI Geosolutions 4019 Industry Drive Chattanooga TN 37416 (800) 621-1273 (423) 899-7619 -Fax
I-7	08004	GTF 270		6/09	6/14	Thrace-LINQ, Inc. 2550 W. 5th North St. Summerville SC 29483 (800) 445-4675
I-7	08005	GTF 300		6/09	6/14	Thrace-LINQ, Inc. 2550 W. 5th North St. Summerville SC 29483 (800) 445-4675
I-7	91-48	Mirafi 1120 N	Separation or drainage filter fabric. Bank protection fabric, needle punched non-woven polypropylene fabric. Also see 91-53.	4/08	4/13	TenCate Mirafi 365 S. Holland Drive Pendergrass GA 30567 (888) 795-0808 Fax: (706) 693-4400
I-7	91-30	Mirafi 180 N	Separation or drainage filter fabric, non-woven polypropylene fabric.	4/08	4/13	TenCate Mirafi 365 S. Holland Drive Pendergrass GA 30567 (888) 795-0808 Fax: (706) 693-4400
I-7	90-76	Polyfelt TG 700	Separation and filtration drainage blanket.	4/03	4/08	Tenax Corporation 4800 East Monument Street Baltimore MD 21205 (800) 356-8495 (410) 522-7015 - Fax
I-7	98-10	TerraTex HD	Woven geotextile.	9/09	9/14	Hanes Geo Components 815 Buxton St. Winston-Salem NC 27101 (336) 747-1600 (336) 747-1652 FAX www.hanesgeo.com

I-7	97-26 97047	TNS R080	A non-woven polypropylene geotextile.	4/03	10/13	TNS Advanced Technologies Crown Resources, LLC 681 DeYoung Rd. Greer SC 29651 (864) 968-0594 (864) 879-4639 – Fax www.crownresources.net
I-7	99-10	TerraTex N08	Separation, stabilization, embankment.	9/09	9/14	Hanes Geo Components 815 Buxton St. Winston-Salem NC 27101 (336) 747-1600 (336) 747-1652 FAX www.hanesgeo.com
I-7	91-72	Trevira Spunbond Engineering Fabric Trevira 1125	Stabilization, separation or drainage filter fabric.	5/08	5/13	Johns Manville Corporation P.O. Box 5650 Spartanburg SC 29304 (864) 579-8200

I-8 – Separation Geotextile Fabric (Very High Survivability)
ADOT Specifications: 1014-4.04
ADOT Drawings: None
Responsible Section: Materials Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
I-8	08008	250EX		5/09	5/14	Thrace-LINQ, Inc. 2550 W. 5th North St. Summerville SC 29483 (800) 445-4675
I-8	93-87	CEF 4512(previously CEF 4555A)		1/06	1/11	Propex Fabrics Inc. 260 The Bluffs Austell GA 30168 (800) 445-7732 (770) 944-4584 – Fax
I-8	93-63	GEOTEX 1201		11/05	11/10	SI Geosolutions 4019 Industry Drive Chattanooga TN 37416 (800) 621-1273 (423) 899-7619 -Fax
I-8	08006	GTF 350		6/09	6/14	Thrace-LINQ, Inc. 2550 W. 5th North St. Summerville SC 29483 (800) 445-4675
I-8	91-53	Mirafi 1120 N	Separation or drainage filter fabric. Bank protection fabric, needle punched non-woven polypropylene fabric. Also see 91-48.	4/08	4/13	TenCate Mirafi 365 S. Holland Drive Pendergrass GA 30567 (888) 795-0808 Fax: (706) 693-4400

I-8	90-73	Polyfelt TG 800	Separation and filtration drainage blanket.	4/03	4/08	Tenax Corporation 4800 East Monument Street Baltimore MD 21205 (800) 356-8495 (410) 522-7015 - Fax
I-8	99-11	ProPex 4512 Non-Woven	Separation	1/06	1/11	Propex Fabrics Inc. 260 The Bluffs Austell GA 30168 (800) 445-7732 (770) 944-4584 – Fax
I-8	98-09	TerraTex N10	Non-woven geotextile.	9/09	9/14	Hanes Geo Components 815 Buxton St. Winston-Salem NC 27101 (336) 747-1600 (336) 747-1652 FAX www.hanesgeo.com
I-8	91-73	Trevira Spunbond Engineering Fabric Trevira 1135	Stabilization, separation or drainage filter fabric.	5/08	5/13	Johns Manville Corporation P.O. Box 5650 Spartanburg SC 29304 (864) 579-8200
I-8	07061	US 300 NW		08/08	08/13	US Fabrics Inc. 3904 Virginia Ave. Cincinnati OH 45227 (513) 271-6000 (513) 271-4522 – Fax

	I-9 – Geomembrane – Impervious ADOT Specifications: GEOM208, Stored ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

Category: J – Patching Materials

	J-1 – Non-shrink grout ADOT Specifications: Corps of Engineers Specification CRD C-621 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
J-1	97-14	1107 Advantage Grout	Non-shrink grout.	4/08	4/13	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 http://www.daytonsuperior.com/

J-1	02013	Atlas Construction Grout		8/09	8/14	Atlas Tech Products 1611 S. 27th Ave. Phoenix AZ 85009 (602) 256-0600 (602) 256-0687 - Fax
J-1	94-02	Conpatch V/O	One component, polymer modified cement based, non-shrink grout for vertical and overhead applications.	8/09	8/14	Conspec by Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
J-1	93-26	Conspec #100 Grout	Non-shrink, non-metallic grout.	4/08	4/13	Conspec by Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
J-1	90-52	Enduro 50	Structural concrete–patching bond agent to old concrete; non-shrink grout.	4/08	4/13	Conspec by Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
J-1	97-10	Construction Grout	Non-shrink grout.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-1	92-01	Crystex		4/08	4/13	L & M Construction Chemicals 14851 Calhoun Road Omaha NE 68152 (800) 362-3331 (402) 453-0244 – Fax http://www.lmcc.com/
J-1	88-21	Dur-O-Wal CP-20		4/00	4/05	Dayton Superior 7777 Washington Village Dr., Suite 130 Dayton OH 45459 (937) 428-6360 www.daytonsuperior.com
J-1	89-15	Duragrout		4/08	4/13	L & M Construction Chemicals 14851 Calhoun Road Omaha NE 68152 (800) 362-3331 (402) 453-0244 – Fax http://www.lmcc.com/
J-1	89-05	Embeco 636 Plus		8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-1	89-40	Embeco 885 Grout		8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax

J-1	90-65	Euco NS Grout		3/04	3/15	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-1	04077	Hi-Flow Grout		11/06	11/11	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-1	89-41	Masterflow 928 Grout		8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-1	89-09	Masterflow 713 Plus		8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-1	92-36	Pro Grout 90		4/00	4/05	C. G. M., Inc. P.O. Box 413 Bensalem PA 19020 (215) 638-4400 (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.	12/07	12/12	The Quikrete Companies 500 Marathon Parkway Lawrenceville GA 30045 (770) 216-9580 (770) 237-2548 – FAX www.quikrete.com
J-1	07022	Quikrete Non-Shrink General Purpose Grout	Used for grouting of steel columns, bearing plates, precast concrete, and anchors.	12/07	12/12	The Quikrete Companies 500 Marathon Parkway Lawrenceville GA 30045 (770) 216-9580 (770) 237-2548 – FAX www.quikrete.com
J-1	10005	Quikrete Precision Non-Shrink Grout		12/10	12/15	The Quikrete Company 26807 W. Baseline Road Buckeye AZ 85326 (800) 843-3796 (801) 973-4780 -- Fax
J-1	10010	Quikrete TARGET 1118 Grout		5/11	5/16	The Quikrete Company 26807 W. Baseline Road Buckeye AZ 85326 (800) 843-3796

J-1	10011	Quikrete TARGET Flowcrete		5/11	5/16	The Quikrete Company 26807 W. Baseline Road Buckeye AZ 85326 (800) 843-3796
J-1	90-45	Rapid Set Cement	Structural concrete patching bond agent for to old concrete, non-shrink grout.	5/08	5/13	CTS Cement Manufacturing Co. 11065 Knott Ave. Suite A Cypress CA 90630 (800) 929-3030 Technical Hotline (800) 523-6368 Order Desk
J-1	90-46	Rapid Set Cement All	Structural conc. patching bond to old conc., non-shrink grout.	5/08	5/13	CTS Cement Manufacturing Co. 11065 Knott Ave. Suite A Cypress CA 90630 (800) 929-3030 Technical Hotline (800) 523-6368 Order Desk
J-1	09019	Shep 1107 Premium Grout		11/10	11/15	CMC Construction Services 777 N Eldridge Pkwy Suite 500 Houston TX 77079 (281) 597-5459 (281) 597-5504 – Fax
J-1	89-11	SikaGrout 212	Structural concrete–patching bond to old concrete, non-shrink grout.	9/10	9/15	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-1	09002	Specchem Multi Purpose Grout		11/10	11/15	Specchem LLC 444-B Richmond Ave Kansas City KS 66101 (562) 489-9607 (562) 426-8747 – Fax
J-1	94-03	Special Patch	Two components, cement based, non-shrink grout for patching and leveling.	8/09	8/14	Conspec by Dayton Superior 4226 Kansas Ave. Kansas City KS 66106 (866) 329-8724, ext. 25108 (913) 279-4806 – Fax www.daytonsuperior.com
J-1	89-52	Speed Crete Red Line		5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-1	89-14	Speed Crete Green Line		5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com

J-1	88-31	Sure-Grip Utility Grout		4/08	4/13	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 http://www.daytonsuperior.com/
J-1	89-53	Dayton Multipurpose Grout		4/08	4/13	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 http://www.daytonsuperior.com/
J-1	91-98	Tammsgrout Supreme		5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-1	92-53	Thoroc HF Precision Grout (formerly Conbextra HE)		1/04	1/09	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-1	92-52	ThoRoc S Grout		1/04	1/09	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-1	03100	US SPEC G.P. Grout		8/08	8/13	US Mix Products Co. 112 S. Santa Fe Dr. Denver CO 80223 (303) 778-7227 (303) 722-8426 – Fax
J-1	03101	US SPEC MP Grout		8/08	8/13	US Mix Products Co. 112 S. Santa Fe Dr. Denver CO 80223 (303) 778-7227 (303) 722-8426 – Fax

	J-2 – Portland Cement Concrete Pavement (PCCP) Patching ADOT Specifications: 402-2.02 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
J-2	05025	Atlas E-Pro Patch	Approved for use under ADOT Specification 402-2.02(D)	3/07	3/12	Atlas Tech Products 4640 Brunell Street San Diego CA 92111 (858) 277-2100 (858) 277-0585 – Fax

J-2	10102	Atlas Pro-1 Patch	Product contains silicon dioxide (silica), **a known carcinogen**. Users must be trained on hazard communication, personal protective equipment, and safe chemical handling. Users must use N-95 dust mask when pouring, mixing, or otherwise creating airborne silica dust. Skin and eye protection must also be worn in accordance with recommendations in the MSDS.	6/11	6/16	Atlas Tech Products 4640 Brunell Street San Diego CA 92111 (858) 277-2100 (858) 277-0585 – Fax
J-2	10103	Atlas Pro-Crete 1	Product contains silicon dioxide (silica), **a known carcinogen**. Users must be trained on hazard communication, personal protective equipment, and safe chemical handling. Users must use N-95 dust mask when pouring, mixing, or otherwise creating airborne silica dust. Skin and eye protection must also be worn in accordance with recommendations in the MSDS.	6/11	6/16	Atlas Tech Products 4640 Brunell Street San Diego CA 92111 (858) 277-2100 (858) 277-0585 – Fax
J-2	86-25 03095	Durapatch Hiway	Structural concrete patching bond to old concrete.	4/08	4/13	L & M Construction Chemicals 14851 Calhoun Road Omaha NE 68152 (800) 362-3331 (402) 453-0244 – Fax http://www.lmcc.com/
J-2	04076	Euco Rapid Patch HE		11/06	11/11	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-2	86056	MC 64	Rapid set epoxy.	3/03	3/08	HC Epoxy Co. 862 E. 19th St. Tucson AZ 85719 (520) 624-7929
J-2	03119	NC Grout		11/06	11/11	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-2	07023	Quikrete Commercial Grade Fastset Concrete Mix (#1004-51)		12/07	12/12	The Quikrete Companies 500 Marathon Parkway Lawrenceville GA 30045 (770) 216-9580 (770) 237-2548 – FAX www.quikrete.com
J-2	03104	Sikaset Roadway Patch 2000		6/06	6/11	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com

J-2	03105	Sika Quick 2500		6/06	6/11	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-2	92-54	ThoRoc 10-60 (formerly Patchroc 10-60)	Structural concrete patching bond agent for old concrete, one component cementitious repair mortar.	1/04	1/09	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-2	10030	Ulti-Pave3		6/11	6/16	Buzzi Unicem USA, Inc. 100 Brodhead Rd., Suite 230 Bethlehem, PA 18017 610-882-5013

	J-3 – Structural Concrete Patching ADOT Specifications: ASTM C882 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
J-3	96-44	14K HY Flow Grout	Structural concrete patching.	1/04	1/09	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	10102	Atlas Pro-1 Patch	Product contains silicon dioxide (silica), **a known carcinogen**. Users must be trained on hazard communication, personal protective equipment, and safe chemical handling. Users must use N-95 dust mask when pouring, mixing, or otherwise creating airborne silica dust. Skin and eye protection must also be worn in accordance with recommendations in the MSDS.	6/11	6/16	Atlas Tech Products 4640 Brunell Street San Diego CA 92111 (858) 277-2100 (858) 277-0585 – Fax
J-3	10103	Atlas Pro-Crete 1	Product contains silicon dioxide (silica), **a known carcinogen**. Users must be trained on hazard communication, personal protective equipment, and safe chemical handling. Users must use N-95 dust mask when pouring, mixing, or otherwise creating airborne silica dust. Skin and eye protection must also be worn in accordance with recommendations in the MSDS.	6/11	6/16	Atlas Tech Products 4640 Brunell Street San Diego CA 92111 (858) 277-2100 (858) 277-0585 – Fax
J-3	02014	Atlas Tech Dot Patch		8/09	8/14	Atlas Tech Products 1611 S. 27th Ave. Phoenix AZ 85009 (602) 256-0600 (602) 256-0687 – Fax

J-3	10104	Atlas V/O-1 Mortar	Product contains silicon dioxide (silica), **a known carcinogen**. Users must be trained on hazard communication, personal protective equipment, and safe chemical handling. Users must use N-95 dust mask when pouring, mixing, or otherwise creating airborne silica dust. Skin and eye protection must also be worn in accordance with recommendations in the MSDS.	6/11	6/16	Atlas Tech Products 4640 Brunell Street San Diego CA 92111 (858) 277-2100 (858) 277-0585 – Fax
J-3	85-11	Burke Fast Patch 928	Structural concrete patching expansion by autoclave.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
J-3	83-69	Burke Non-ferrous	Structural concrete patching expansion by autoclave. Non-shrink grout.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
J-3	92-11	Burke Skimcrete	Low strength concrete patching bond to old concrete. For cosmetic use only.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
J-3	85-17	Burkepoxy LV (Thin Liquid) (formerly Bruke 881 LPL Topping & Crack Grout)	Low viscosity. Bonding old to old concrete & patching concrete surfaces.	8/09	8/14	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com
J-3	92-01	Crystex	Structural concrete patching bond for old concrete; non-shrink grout.	4/08	4/13	L & M Construction Chemicals 14851 Calhoun Road Omaha NE 68152 (800) 362-3331 (402) 453-0244 – Fax http://www.lmcc.com/
J-3	03018	Dot Patch HD		12/05	12/10	Symons Corporation 4226 Kansas Avenue Kansas City KS 66106 866-329-4806 913-279-4806 –Fax
J-3	88-21	Dur-O-Wal CP-20	Structural concrete patching; non-shrink grout.	4/00	4/05	Dayton Superior 7777 Washington Village Dr., Suite 130 Dayton OH 45459 (937) 428-6360 www.daytonsuperior.com
J-3	89-15	Duragrout	Structural concrete patching bond agent for old concrete; non-shrink grout.	4/08	5/13	L & M Construction Chemicals 14851 Calhoun Road Omaha NE 68152 (800) 362-3331 (402) 453-0244 – Fax http://www.lmcc.com/

J-3	91-84	Duraltop Gel	Low strength concrete patching, bond agent to old concrete, polymer mortar gel.	1/04	1/15	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-3	86-25	Durapatch Hiway	Structural concrete patching bond to old concrete.	5/08	5/13	L & M Construction Chemicals 14851 Calhoun Road Omaha NE 68152 (800) 362-3331 (402) 453-0244 – Fax http://www.lmcc.com/
J-3	90-64	Emaco S 88 CI	Structural concrete patching bond to old concrete; cement-based mortar.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	92-68	Emaco T 415	Structural concrete patching bond agent to old concrete; rapid strength repair mortar.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	95-14 94107	Emaco T430	Rapid strength repair mortar.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	86-07	Embeco 885 Grout	Structural concrete patching bond agent to old concrete; metallic aggregate.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	89-40	Embeco 885 Grout	Structural concrete patching bond agent to old concrete; non-shrink grout.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	89-05	Embeco 636 Plus	Structural concrete patching, non-shrink, metallic aggregate grout.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	90-52	Enduro 50	Structural concrete patching bond agent for old concrete; non-shrink grout.	4/08	4/13	Conspec by Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com

J-3	90-65	Euco N-S Grout	Structural concrete patching bond agent to old concrete; non-shrink grout.	3/04	3/15	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-3	90-66	Euco Verticoat	Structural concrete patching bond agent to old concrete; polymer-modified mortar.	3/04	3/15	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-3	98-28	EucoSpeed	Rapid setting patching mortar.	5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-3	98-28	EucoSpeed MP	Magnesium phosphate patching mortar.	5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-3	90-67	Eucocrete	Structural concrete patching bond agent to old concrete	3/04	3/15	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-3	89-41	Masterflow 928 Grout	Non-shrink grout (See also Category J-1)	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	89-09	Masterflow 713 Plus	Structural concrete patching bond to old concrete; non-shrink grout.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	04013	Maxi-Bond 500 LV		12/05	12/10	US Mix Products Co. 112 South Santa Fe Drive Denver CO 80223 303-778-7227 303-722-8426-Fax
J-3	04053	PavePatch 3000	Product was approved in May 2005, recertification was late and was resubmitted under PRIDE ID # 04053 and added to APL.	5/11	5/16	Conspec by Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 www.daytonsuperior.com

J-3	10012	Planitop 18		12/10	12/15	Mapei Corp. 1144 E. Newport Center Drive Deerfield Beach FL 33442 (954) 246-8780 (954) 246-8805 - Fax
J-3	10013	Planitop XS		12/10	12/15	Mapei Corp. 1144 E. Newport Center Drive Deerfield Beach FL 33442 (954) 246-8780 (954) 246-8805 - Fax
J-3	91-88	Poly Grout	Machinery bearing grout bond agent to old concrete; three-component grout.	5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-3	92-36	Pro Grout 90 Non-shrink Grout	Structural concrete; patching bond agent to old concrete; non-shrink grout.	4/00	4/05	C. G. M., Inc. P. O. Box 413 Bensalem PA 19020 (215) 638-4400 (215) 638-7949 –Fax
J-3	07023	Quikrete Commercial Grade Fastset Concrete Mix (#1004-51)		12/07	12/12	The Quikrete Companies 500 Marathon Parkway Lawrenceville GA 30045 (770) 216-9580 (770) 237-2548 – FAX www.quikrete.com
J-3	90-47 93012	Rapid Set Concrete Mix	Low strength concrete; patching, bond agent to old concrete.	5/08	5/13	CTS Cement Manufacturing Co. 11065 Knott Ave Suite A Cypress CA 90630 (800) 929-3030 Technical Hotline (800) 523-6368 Order Desk
J-3	90-45	Rapid Set Cement	Structural concrete; patching bond agent to old concrete; non-shrink grout.	5/08	5/13	CTS Cement Manufacturing Co. 11065 Knott Ave Suite A Cypress CA 90630 (800) 929-3030 Technical Hotline (800) 523-6368 Order Desk
J-3	95-06	Rapid Set D.O.T. Repair Mix		5/08	5/13	CTS Cement Manufacturing Co. 11065 Knott Ave Suite A Cypress CA 90630 (800) 929-3030 Technical Hotline (800) 523-6368 Order Desk
J-3	90-46	Rapid Set Cement All	Structural concrete; patching bond agent to old concrete; non-shrink grout.	5/08	5/13	CTS Cement Manufacturing Co. 11065 Knott Ave Suite A Cypress CA 90630 (800) 929-3030 Technical Hotline (800) 523-6368 Order Desk
J-3	09027	Rapid Set Mortar Mix		11/10	11/15	CTS Cement Manufacturing Corp. 11065 Knott Ave Suite A Cypress CA 90360 (800) 929-3030 Technical Hotline (800) 523-6368 Order Desk

J-3	85-12	Sealtight Future Concrete Patch	Structural concrete; patching expansion by autoclave.	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax http://www.wrmeadows.com/
J-3	86-27	Set 45, CalTrans Formula	Structural concrete; patching bond agent to old concrete.	8/08	8/13	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	89-47	Set Grout	Structural concrete; patching bond agent to old concrete; non-shrink grout.	3/03	3/08	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	89-11	SikaGrout 212	Structural concrete; patching bond agent to old concrete; non-shrink grout.	9/10	9/15	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	03104	Sika Quick 2500		6/06	6/11	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	98-18	Sika Repair 222	Patching material.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	03104	Sikaset Roadway Patch 2000		6/06	6/11	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	83-43	SikaTop 111	Structural concrete; patching, bond agent to old concrete; self-leveling mortar.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	97-19	SikaTop 111 Plus	Fast setting, screed mortar plus penetrating corrosion inhibitor.	9/09	9/14	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com

J-3	83-44	SikaTop 121	Structural concrete; patching bond agent to old concrete; mortar/binder.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	97-20	SikaTop 121 Plus	Leveling and pour sealing mortar with penetrating corrosion inhibitor.	9/09	9/14	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	83-45	SikaTop 122	Structural concrete; patching bond agent to old concrete; repair mortar.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	97-21	SikaTop 122 Plus	Fast setting, trowel-grade mortar.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	83-46	SikaTop 123	Structural concrete; patching bond agent to old concrete; gel mortar.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	98-17	SikaTop 123 Plus	Two component patching material.	9/09	9/14	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	97-13	Sonogrout 10-K	Non-shrink grout.	1/04	1/09	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	89-52	Speed Crete Red Line	Structural concrete; patching bond agent to old concrete; non-shrink grout.	5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com

J-3	89-14	Speed Crete Green Line	Non-shrink grout.	5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-3	93-23	Sto Overhead Mortar-One Component (Powermix Gel Patch)	One component, polymer-modified cement based, bonding agent to old concrete.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	93-22	Sto Thin Coat Mortar (Powermix Leveler)	One component, polymer modified cement based, bond agent to old concrete.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	93-24	Sto Trowel-Grade Mortar -One Component (Powermix Patch)	One component, polymer modified cement based, bond agent to old concrete.	12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
J-3	87-07	Sure-Grip Grout	Structural concrete; patching bonding agent to old concrete.	4/08	4/13	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 http://www.daytonsuperior.com/
J-3	88-31	Sure-Grip Utility Grout	Structural concrete; patching non-shrink grout.	4/08	4/13	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 http://www.daytonsuperior.com/
J-3	89-53	Dayton Multi-Purpose Grout	Structural concrete; patching bond agent to old concrete; non-shrink grout.	4/08	4/13	Dayton Superior 4226 Kansas Avenue Kansas City, KS 66106 (877)416-3439, ext. 25108 http://www.daytonsuperior.com/
J-3	91-98	Tammsgrout Supreme	Structural concrete; patching bond agent to old concrete; non-shrink grout.	5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9596 – Fax www.euclidchemical.com
J-3	92-54	ThoRoc 10-60 Rapid Mortar (formerly Patchroc 10-60)	Structural concrete patching bond to old concrete; one component cementitious repair mortar.	1/04	1/09	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax

J-3	92-54	ThoRoc 10-61 Rapid Mortar	Structural concrete patching bond to old concrete, one component cementitious repair mortar.	1/04	1/09	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	92-53	Thoroc HF Precision Grout (formerly Conbextra HE)		1/04	1/09	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	92-55	ThoRoc HB2 Repair Mortar	Structural concrete; patching bond agent to old concrete; two components polymer modified cementitious.	1/04	1/09	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	90-40	ThoRoc LA Repair Mortar	Structural concrete; patching bond agent to old concrete; non-shrink grout.	1/04	1/09	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	92-52	ThoRoc S Grout	Structural concrete patching bond agent for old concrete, non-shrink grout.	1/04	1/09	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax
J-3	92-57	ThoRoc SD2 Repair Mortar	Structural concrete; patching bond agent to old concrete; two components polymer modified cementitious.	1/04	1/09	BASF Construction Chemicals LLC 889 Valley Park Drive Shakopee MN 55379 (952) 496-6000 (952) 496-6069 – Fax

	J-4 – Structural Repair with Shotcrete, Dry Method ADOT Specifications: 912-3.01(A) ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
J-4	09027	Rapid Set Mortar Mix		11/10	11/15	CTS Cement Manufacturing Corp. 11065 Knott Ave Suite A Cypress CA 90360 (800) 929-3030 Technical Hotline (800) 523-6368 Order Desk
J-4	90-68	Sikacem 103		12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com

J-4	90-69	Sikacem 133		12/04	12/09	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com

Category: K – Portland Cement Concrete Admixtures

	K-1 – Water Reducer - Type A ADOT Specifications: 1006-2.04(C) ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
K-1	88-18	DARACEM-19	High range.	9/09	9/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-1	99-13	Edecon Chemcon N		5/08	5/13	Concrete Controls 19291 Florida Blvd. Albany, Louisiana 70711 (225) 567-7142
K-1	97-33	Eucon HC		5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-1	97-34	Eucon HW		5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-1	97-35	Eucon LR		5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-1	97-36	Eucon NR		5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 ((800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com

K-1	97-37	Eucon NW		5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-1	97-38	Eucon SP		5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-1	01-01 01031	Eucon SPC	See also Category K-6.	5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-1	97-40	Eucon X-15		2/04	2/15	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-1	98-31	Eucon LW		5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-1	00-13 01019	Eucon X-20	Mid-range water-reducing admixture.	5/11	5/16	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-1	04066	Glenium 3400 NV		11/06	11/11	Degussa Admixtures Inc 23700 Chagrin Blvd Cleveland OH 44122 (216) 839-7072
K-1	87-17	Masterpave	Normal range.	2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-1	87-16	Masterpave-N	Normal range.	2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/

K-1	07102	MIRA 35		08/08	08/13	W. R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-1	09017	MIRA 62		11/10	11/15	W. R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-1	03042	MIRA 85	Mid-range water reducing admixture	9/09	9/14	W. R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-1	07130	Plastocrete 161		08/08	08/13	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
K-1	03083	PolyHeed 900		05/09	05/14	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.basf-admixtures.com/
K-1	97-04	Pozzolith 200-N	Normal range.	2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.basf-admixtures.com/
K-1	83-02	Pozzolith 220 N (a.k.a. LL-819)	Normal range.	2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.basf-admixtures.com/
K-1	95-21	Pozzolith 220-N	Normal range.	2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.basf-admixtures.com/
K-1	92-41	Pozzolith 322-N	Normal range.	2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.basf-admixtures.com/

K-1	95-23	Pozzolith 80	Normal range.	2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.basf-admixtures.com/
K-1	05050	PS 1466		3/07	3/12	Degussa Admixtures, Inc 23700 Chagrin Blvd Beachwood OH 44122 (216) 839-7072 (216) 839-8825 – Fax
K-1	09033	Sikaplast 500		11/10	11/15	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
K-1	05016	Sika ViscoCrete 2100		2/08	2/13	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
K-1	04070	WRDA 27		11/06	11/11	W.R. Grace and Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-1	91-52	WRDA-64, Type A	Normal range. AASHTO total solids: 39.5-44.5%	9/09	9/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-1	86-31	WRDA-82 (Also known as WRDA PAVE 18)	Normal range.	9/09	9/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-1	05012	Zyla 610		11/06	11/11	W.R. Grace and Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com

	K-2 – Retarding - Type B ADOT Specifications: 1006-2.04(C) ADOT Drawings: None Responsible Section: Materials Group

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
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
K-2	90-56	Delvo Stabilizer	Set retarder, hydration stabilizer.	2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-2	10034	Eucon DS		6/11	6/16	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-3231 (216) 531-9399 – Fax www.euclidchemical.com
K-2	86-30	Pozzolith 100-XR		2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-2	97-04	Pozzolith 200-N	Normal range.	2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-2	92-47	RECOVER		9/09	9/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com

	K-3 – Accelerating - Type C ADOT Specifications: 1006-2.04(C) ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
K-3	03115	Accelguard NCA		6/06	6/11	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-3231 (216) 531-9399 – Fax www.euclidchemical.com
K-3	08049	DARASET 400		8/09	8/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com

K-3	09016	Daraset HES		11/10	11/15	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-3	83-22 93-59	DCI	Darex Corrosion Inhibitor	9/09	9/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-3	01111	Eucon CIA		5/08	5/13	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-3	06005	Gilco Accelerator		9/07	9/12	W.R. Grace & Co. 62 Whittemore Avenue Cambridge, MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-3	09074	NCA Non-Chloride Accelerator		5/11	5/16	Fritz-Pak Corporation 4821 Eastover Circle Mesquite, TX 75149 (214) 221-9494 http://www.fritzpak.com
K-3	94-09	POLARSET		12/10	12/15	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-3	97-18	Pozzolith NC 534	Accelerating, Type C.	2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-3	88-02	Pozzutec 20		2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-3	00-10	Rheocrete CNI	Accelerating admixture.	11/05	11/10	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/

K-3	07128	Sika Set NC		08/08	08/13	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com

	K-4 – Water Reducing & Retarding - Type D ADOT Specifications: 1006-2.04(C) ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
K-4	90-56	Delvo Stabilizer	Set retarder, hydration stabilizer.	2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-4	99-14	Edecon RI-L18		5/08	5/13	Concrete Controls 19291 Florida Blvd. Albany, Louisiana 70711 (225) 567-7142
K-2	10034	Eucon DS		6/11	6/16	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-3231 (216) 531-9399 – Fax www.euclidchemical.com
K-4	97-35	Eucon LR		5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-4	97-36	Eucon NR		5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-4	97-39	Eucon TR		2/04	2/15	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-4	01102	Eucon Retarder 100		5/08	5/13	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com

K-4	01105	Eucon WR 91		5/08	5/13	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-4	93-36	Fritz FR-1		2/08	2/13	Fritz-Pak Corporation 4821 Eastover Circle Mesquite TX 75149 (214) 221-9494 (888) 746-4116 (214) 349-3182 – Fax http://www.fritzpak.com/
K-4	00-09 99086	Fritz-Pak Standard Delay Set	Water-reducing set-retarder.	2/08	2/13	Fritz-Pak Corporation 4821 Eastover Circle Mesquite TX 75149 (214) 221-9494 (888) 746-4116 (214) 349-3182 – Fax http://www.fritzpak.com/
K-4	83-17	Pozzolith-80		9/09	9/14	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-4	86-40	Plastiment		2/08	2/13	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
K-4	07130	Plastocrete 161		08/08	08/13	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
K-4	86-30	Pozzolith 100-XR		2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-4	97-04	Pozzolith 200-N	Normal range.	2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-4	83-18	Pozzolith 300-R		2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/

K-4	92-47	RECOVER		9/09	9/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com

	K-5 – Water Reducing & Accelerating - Type E ADOT Specifications: 1006-2.04(C) ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
K-5	03115	Accelguard NCA		6/06	6/11	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-3231 (216) 531-9399 – Fax www.euclidchemical.com
K-5	97-32	Eucon ACN		2/04	2/15	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-5	93-06	HICO Set 900		11/05	11/10	Hills Bros. Chemical Co. 1675 North Main Street Orange CA 92667
K-5	88-02	Pozzutec 20		2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-5	02120	Pozzutec 20+		2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-5	07128	Sika Set NC		08/08	08/13	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV

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
K-6	07032	ADVA 140M		12/07	12/12	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-6	03093	ADVA 170		1/11	1/16	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-6	07026	ADVA 190		12/07	12/12	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-6	10021	ADVA Cast 555		6/11	6/16	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-6	07109	ADVA Cast 575		08/08	08/13	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-6	07033	ADVA Flex		12/07	12/12	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-6	88-18	DARACEM 19		9/09	9/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-6	99-15	Edecon Chemwet FP		5/08	5/13	Concrete Controls 19291 Florida Blvd. Albany, Louisiana 70711 (225) 567-7142

K-6	01110	Eucon 37		5/08	5/13	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-6	01108	Eucon 1037		5/08	5/13	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-6	01107	Eucon A+		5/08	5/13	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-6	01109	Eucon MR		5/08	5/13	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-6	97-38	Eucon SP		5/08	5/13	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-6	00-13 01019	Eucon X-20	Mid-range water-reducing admixture.	5/11	5/16	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-6	01114	Glenium 3000 NS		2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-6	01113	Glenium 3030 NS		2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-6	07031	Glenium 7101		12/07	12/12	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122 (216) 839-7072 (216) 829-8821 – FAX www.basf-admixtures.com

K-6	07063	Glenium 7500		08/08	08/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122 (216) 839-7072 (216) 829-8821 – FAX www.basf-admixtures.com
K-6	07062	Glenium 7700		08/08	08/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122 (216) 839-7072 (216) 829-8821 – FAX www.basf-admixtures.com
K-6	03042	MIRA 85		9/09	9/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-6	94-14	Polyheed 997		2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-6	05050	PS 1466		3/07	3/12	Degussa Admixtures, Inc 23700 Chagrin Blvd Beachwood OH 44122 (216) 839-7072 (216) 839-8825 - Fax
K-6	94-29	Rheobuild 1000		9/09	9/14	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-6	05017	Sikament 686		2/08	2/13	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
K-6	09033	Sikaplast 500		11/10	11/15	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
K-6	05016	Sika ViscoCrete 2100		2/08	2/13	Sika Corporation Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com

K-6	05018	Sika ViscoCrete 4100		2/08	2/13	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
K-6	03066	Sika ViscoCrete 6100		2/08	2/13	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
K-6	99-22	SP1000	High range.	2/00	2/05	General Redi-Chem, Inc. 11 Foundry Street P.O. Box 208 Oxford NJ 07863
K-6	93-40	Supercizer #1	High range.	9/09	9/14	Fritz-Pak Corporation 4821 Eastover Circle Mesquite TX 75149 (214) 221-9494 (888) 746-4116 (214) 349-3182 – Fax http://www.fritzpak.com/
K-6	93-41	Supercizer #5	High range.	2/08	2/13	Fritz-Pak Corporation 4821 Eastover Circle Mesquite TX 75149 (214) 221-9494 (888) 746-4116 (214) 349-3182 – Fax http://www.fritzpak.com/
K-6	93-42	Supercizer #6	High range.	9/09	9/14	Fritz-Pak Corporation 4821 Eastover Circle Mesquite TX 75149 (214) 221-9494 (888) 746-4116 (214) 349-3182 – Fax http://www.fritzpak.com/

	K-7 – Water Reducing, High Range & Retarding - Type G ADOT Specifications: 1006-2.04(C) ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
K-7	99-16	Edeco Slump Mix-C		5/08	5/13	Concrete Controls 19291 Florida Blvd. Albany, Louisiana 70711 (225) 567-7142

K- 8 – Air Entraining Admixture
ADOT Specifications: 1006-2.04(B)
ADOT Drawings: None
Responsible Section: Materials Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
K-8	01101	AEA 92S		5/08	5/13	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-8	01106	AEA 92		5/08	5/13	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-8	99-23	Aero 2000		2/00	2/05	General Redi-Chem Inc. 11 Foundry Street P.O. Box 208 Oxford NJ 07863
K-8	01100	Air Mix 200		5/08	5/13	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-8	10058	Airalon 3000		6/11	6/16	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-8	94-12	DARAVAIR 1000 (Also known as DARAVAIR PAVE 10)		9/09	9/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-8	80-29 97-17	DARAVAIR AT60		9/09	9/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-8	80-16	DARAVAIR M		9/09	9/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com

K-8	90-55	DAREX II AEA		9/09	9/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-8	08048	DAREX AEA ED		8/09	8/14	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax www.graceconstruction.com
K-8	99-17	Edecon NVR		5/08	5/13	Concrete Controls 19291 Florida Blvd. Albany, Louisiana 70711 (225) 567-7142
K-8	97-31	Eucon Air 40		2/04	2/15	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax www.euclidchemical.com
K-8	93-34	Fritz Air Plus		2/08	2/13	Fritz-Pak Corporation 4821 Eastover Circle Mesquite TX 75149 (214) 221-9494 (888) 746-4116 (214) 349-3182 – Fax http://www.fritzpak.com/
K-8	93-35	Fritz Super Air Plus		2/08	2/13	Fritz-Pak Corporation 4821 Eastover Circle Mesquite TX 75149 (214) 221-9494 (888) 746-4116 (214) 349-3182 – Fax http://www.fritzpak.com/
K-8	93-71	HICO 315-L		11/05	11/10	Hill Brothers Chemical Co. 1675 N. Main Street Orange CA 92667
K-8	94-01	MB AE 90 (Pave Air 90)		2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-8	89-01	MB VR Standard		2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/

K-8	86-09	Micro Air		2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-8	89-02	Micro Air		2/08	2/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-8	87-14	Pave Air		4/08	4/13	BASF Construction Chemicals, LLC 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-8	07129	Sika Air		08/08	08/13	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
K-8	86-17	Sikamix 104 Sika AER		2/08	2/13	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.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	03121	Ant-Crackl® Anti-Crak™ HD and HP		6/06	6/11	Saint-Gobain Specialty Reinforcements 122 W. John Carpenter Fwy, Suite 535 Irving TX 75039 (972) 717-4581 (309) 214-2000 - Fax
K-9	03122	AR Glass Fiber by Anti-Crak®		6/06	6/11	Saint-Gobain Specialty Reinforcements 122 W. John Carpenter Fwy, Suite 535 Irving TX 75039 (972) 717-4581 (309) 214-2000 - Fax
K-9	09001	Fibermesh 650	Product must be submitted for review for each project. Also, N-95 respirator may be used for nuisance dust. Use skin and eye protection as noted on the MSDS.	6/11	6/16	Propex Concrete Systems Corp. 6025 Lee Highway, Suite 425 PO Box 22788 Chattanooga, TN 37422 (480) 747-0690 http://www.fibermesh.com

K-9	10033	Tuf-Strand SF		6/11	6/16	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-3231 (216) 531-9399 – Fax www.euclidchemical.com

	K-10 – Admixture Containing Calcium Chloride, Set Accelerator ADOT Specifications: 1006-2.04(C) ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

	K-11 – Specific Performance Admixtures, Type S ADOT Specifications: ASTM C-494 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

Category: M – Portland Cement Concrete Finishing Products

	M-1 – Solvent Base ADOT Specifications: ASTM G53 & D1712 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
M-1	90-18	Acrylic Masonry Stain		9/09	9/14	TriCom Coatings, Inc. 2639 N. 31st Ave. Phoenix AZ 85009 (602) 243-3293 (602) 268-6801 – Fax www.tricomcoatings.com

	M-2 – Water Base ADOT Specifications: ASTM D3359 & G53, and Fed. Spec. TT-P-19D ADOT Drawings: None Responsible Section: Materials Group					
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. 6625 Miramar Road San Diego CA 92121 (858) 626-3600 (602) 244-2715 – Fax www.frazee.com
M-2	89-45	Canyon Tone Stain "W"		5/08	5/13	United Coatings 19011 E. Cataldo Greenacres WA 99016 (800) 541-4383 (509) 928-1116 – Fax
M-2	91-108	Dunn-Edwards Freeway Acrylic Flat (Product Code Z5809X)		4/03	4/08	Dunn-Edwards Corp. 4885 East 52nd Place Los Angeles CA 90040 (213) 771-3330 www.dunnedwards.com
M-2	90-03	Dunn-Edwards TT-P-19C	Acrylic paint	4/03	4/08	Dunn-Edwards Corp. 4885 East 52nd Place Los Angeles CA 90040 (213) 771-3330 www.dunnedwards.com
M-2	89-43	Hydro-Acrylic Stain		9/09	9/14	TriCom Coatings, Inc. 2639 N. 31st Ave. Phoenix AZ 85009 (602) 243-3293 (602) 268-6801 – Fax www.tricomcoatings.com
M-2	92-04	Hydro-Acrylic Stain Flat (Product Code 300-65)		9/09	9/14	TriCom Coatings, Inc. 2639 N. 31st Ave. Phoenix AZ 85009 (602) 243-3293 (602) 268-6801 – Fax www.tricomcoatings.com
M-2	90-02	Pitt-Cryl Exterior Water Base Paint		8/03	8/08	Pittsburgh Paints One PPG Place Pittsburgh PA 15272 (800) 441-9695 http://www.pittsburghpaints.com
M-2	95-03	Sher-Clad Exterior Acrylic Latex Flat Paint, B2 Series	Acrylic latex	5/08	5/13	The Sherwin-Williams Company 101 Prospect Ave. NW Cleveland OH 44115 (216) 566-2681 (216) 566-1660 - Fax

M-2	04087	US SPEC Radiance UV-25		9/07	9/12	US Mix Products Co. 112 South Santa Fe Drive Denver CO 80223 (303) 778-7227 (303) 722-8926 - Fax

	M-3 – Penetrating Crack Sealer ADOT Specifications: ASTM D695, D790 & C882 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
M-3	05024	Atlas E-Pro Seal SLV		9/07	9/12	Atlas Tech Products 4640 Brunell Street San Diego CA 92111 (858) 277-2100 (858) 277-0585 - Fax
M-3	04001	KBP 103		9/10	9/15	Kwik Bond Polymers, LLC 923 Teal Drive Benicia CA 94510 510-852-4381 707-746-7981-Fax
M-3	02097	Sikadur 55 SLV		12/05	12/10	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com
M-3	96-42	Sika Pronto 19 T.F.	Penetrating crack sealer.	9/09	9/14	Sika Corp. 201 Polito Ave. Lyndhurst NJ 07071 (201) 933-8800 (201) 804-1076 – Fax http://www.sikacorp.com

Category: N – Reflective Crack Controls

	N-1 – Pavement Fabric ADOT Specifications: 1014-2 ADOT Drawings: None 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. 2550 W. 5th North St. Summerville SC 29483 (800) 445-4675

N-1	91-26	Polyfelt PGM13	Non-woven polypropylene fabric	4/03	4/08	Tenax Corporation 4800 East Monument Street Baltimore MD 21205 (800) 356-8495 (410) 522-7015 - Fax
N-1	98-24	FX-38A/O	Pavement fabric	9/09	9/14	Carthage Mills 4243 Hunt Road Cincinnati OH 45242 (800) 543-4430 (513) 794-3434 – Fax www.carthagemills.com
N-1	91-42	Mirafi 140 NL	Non-woven polypropylene fabric	4/08	4/13	TenCate Mirafi 365 S. Holland Drive Pendergrass GA 30567 (888) 795-0808 Fax: (706) 693-4400
N-1	93-69	GEOTEX 381		11/05	11/10	SI Geosolutions 4019 Industry Drive Chattanooga TN 37416 (800) 621-1273 (423) 899-7619 -Fax

Category: O – Rust Passivators

	O-1 – Epoxy Powder Coatings ADOT Specifications: 1003-5.02 and AASHTO M284 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
O-1		10-6071 CORVEL GREEN		5/08	5/13	Rohm and Haas Powder Coatings 150 Columbia St. Reading PA 19601 (866) 745-8815

O-1		Greenbar 720A009		5/08	5/13	Valspar Corporation 1136 Fayette St. N. Kansas City MO 64116 (816) 421-7400
O-1		Nap-Gard 7-2719		4/09	4/14	DuPont Powder Coatings, U.S.A. 9800 Gernard Rd. Houston TX 77041 (713) 939-4000 www.dupontpowder.com
O-1	08019	Resicoat RB-600	The product is provisionally approved for one year subject to further evaluation.	3/09	3/10	Akzo-Nobel Coatings 20 Culvert St. Nashville TN 37210 (541) 245-1362
O-1	04050	Skotchkote 413		9/04	9/09	3M 6801 River Place Blvd. Austin TX 78726 (512) 984-1800

Category: P – Detectable Warning Device

	P-1 – Truncated Domes ADOT Specifications: None ADOT Drawings: C-05.30 Responsible Section: Roadway Support					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
P-1	08033	ACO DWD		8/09	8/14	ACO Polymer Products Inc. P.O. Box 12067 Casa Grande AZ 85230 (520) 233-4332
P-1	08042	ADA Arcis Tactile		3/09	3/14	Arcis Corp 10680 NW 289th Place North Plains OR 97133 (503) 647-5042
P-1	04044	ADATILE		1/11	1/16	ADA Solutions, Inc P.O. Box 3 North Billerica MA 01862 (800) 372-0519
P-1	04048	Armor-Tile Tactile Systems		12/08	12/11	Engineered Plastics 300 International Dr., Suite 100 Williamsville NY 14221 (800) 682-2525 www.armor-tile.com
P-1	04054	EZ-Set Tile (Polymer Concrete Panels)		5/08	5/13	Detectable Warning Systems Inc 8081 Phillips Highway, Suite 22 Jacksonville FL 32256 (866) 999-7452

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 13835 N Tatum Blvd #9 Ste #614 Phoenix, AZ 85032 (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 2136 East Dayton Street Madison, WI 53704 (608) 249-8644
P-1	06021	Precast Concrete Detectable Warning Panels		10/06	10/09	Rampdome Systems LLC 15111 North Hayden Rd, #160-359 Scottsdale AZ 85260 (602) 791-2818
P-1	04049	Step-Safe		1/11	1/16	Transpo Industries 20 Jones Street New Rochelle NY 10801 (914) 636-1000 (914) 636-1282 – Fax www.transpo.com
P-1	07122	SureDome	The product is provisionally approved for one year subject to field evaluation.	3/09	3/10	Advanced Surface Systems, Inc. 118 N. Peters Rd., #250 Knoxville TN 37923 (865) 966-2079
P-1	04069	TekWay Detectable Warning		5/08	5/13	StrongGo LLC 3296 East Hemisphere Loop Tucson, Arizona 85706 (520) 547-3510 (520) 547-3515

Category: Q – Soil Sterilization & Weed Control Materials

	Q-1 – Growth Regulator ADOT Specifications: Roadside Vegetation Management Program Manual, 9/1988 ADOT Drawings: None Responsible Section: Maintenance Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
Q-1		Mefluidide				

	Q-2 – Herbicides - Foliar Systemic ADOT Specifications: Roadside Vegetation Management Program Manual, 9/1988 ADOT Drawings: None Responsible Section: Maintenance Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

Q-2		2, 4-D	Dicot			
Q-2		2, 4-DP	Dicot			
Q-2		Cacodylic Acid	Non-selective			
Q-2		Dicamba	Dicot			
Q-2		Diquat				
Q-2		Fluazifop Butyl	Monocot			
Q-2		Fosamine	Dicot			
Q-2		Glyphosate	Non-selective			
Q-2		MCPP	Dicot			
Q-2		Oxyflourfen	Annual			
Q-2		Sethoxydim	Monocot			
Q-2		Triclopyr	Dicot			

Q-3 – Herbicides - Soil Active
ADOT Specifications: Roadside Vegetation Management Program Manual, 9/1988
ADOT Drawings: None
Responsible Section: Maintenance Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
Q-3		Bromacil + Diuron	Non-selective			
Q-3		Chlorosulfuron	Dicot preemergent			
Q-3		Dicamba	Dicot			
Q-3		Hexazi	Non-selective			
Q-3		Imazapyr	Non-selective			
Q-3		Oryzalin	Non-selective			
Q-3		Oxyflourfen	Annual			
Q-3		Simazine	Non-selective			
Q-3		Sulfometuron Methyl	Non-selective pre-post			
Q-3		Tebuthiuron	Non-selective			

Q-4 – Seeding, Class 2 -- Tacking Agents
ADOT Specifications: 805-2.06
ADOT Drawings: None
Responsible Section: Roadside Development

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
Q-4		AZ-TAC				
Q-4		M-Binder				
Q-4		M145 Binder				

	Q-5 – Seeding, Class 2 -- Tacking Agents, Emulsified Asphalt ADOT Specifications: 1005-3.04 ADOT Drawings: None Responsible Section: Roadside Development					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
Q-5		CSS-1				
Q-5		SS-1				

Category: R – Soil Treatments

	R-1 – Continuous Film Water Retention Products ADOT Specifications: None ADOT Drawings: None Responsible Section: Maintenance Group					

	R-2 – Soil Amendment ADOT Specifications: None ADOT Drawings: None Responsible Section: Roadside Development Section					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

Category: S – Structural Materials and Components

	S-1 – Splicer ADOT Specifications: 605-3.02 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
S-1	93-13	BarGrip, Grade 60	Swaged mechanical coupler	8/09	8/14	Barsplice Products, Inc. 4900 Webster St. Dayton OH 45414 (937) 275-8700 (937) 275-9566 – Fax www.barsplice.com
S-1	07092	Bar Lock Couplers		08/08	08/13	Dayton Superior 1125 Byers Rd. Dayton, OH 45342 (937)866.0711 www.barlock.com www.daytonsuperior.com
S-1	98-01	Bar-Lock MBT Couplers	Mechanical splice FOR SIZE #10 ONLY	5/01	5/06	Dayton Superior 1125 Byers Rd. Dayton, OH 45342 (937)866.0711 www.barlock.com www.daytonsuperior.com
S-1	93-11	Barsplicer, Grade 60	Threaded mechanical connector	8/09	8/14	Barsplice Products, Inc. 4900 Webster St. Dayton OH 45414 (937) 275-8700 (937) 275-9566 – Fax www.barsplice.com
S-1	06050	Double Barrel Zap Screwlok System		6/07	6/12	Barsplice Products, Inc. 4900 Webster St. Dayton OH 45414 (937) 275-8700 (937) 275-9566 – Fax www.barsplice.com
S-1	07125	Griptec		08/08	08/13	Dextra America (1405 Fraser St., Suite F3) P.O. Box 28306 Bellingham WA 98228 (877) 327-0800
S-1	99-02	Lenton Couplers	Mechanical splicers	9/09	9/14	Erico Product, Inc. 34600 Solon Road Solon OH 44139 (440) 248-0100 (440) 248-0723 – Fax www.erico.com

S-1	06033	OS SPLICE CLIP		6/07	6/12	OCM, Inc 645 Forest Edge Drive Vernon Hills IL 60061 (847) 955-9700 (847) 541-9338 - Fax
S-1	91-04	Quick Wedge	Rebar splicer	5/08	5/13	Erico Product, Inc. 34600 Solon Road Solon OH 44139 (800) 248-2677 (800) 462-4712 – Fax
S-1	93-17	Standard Lok Splice System	Threaded mechanical splice	9/09	9/14	Meadow-Burke 7000 Will Rogers Blvd. Fort Worth TX 76140 (800) 727-3227
S-1	08052	Taper Lock Threaded Rebar Coupler		5/11	5/16	Dayton Superior 7777 Washington Village Dr. Suite 130 Dayton OH 45459 (937) 428-6360 www.daytonsuperior.com
S-1	02117	Taper Threaded Grip-Twist		8/09	8/14	Barsplice Products, Inc. 4900 Webster St. Dayton OH 45414 (937) 275-8700 (937) 275-9566 – Fax www.barsplice.com
S-1	97-08	ZAP Screwlok Couplers	Mechanical connection system	8/09	8/14	Barsplice Products, Inc. 4900 Webster St. Dayton OH 45414 (937) 275-8700 (937) 275-9566 – Fax www.barsplice.com
S-1	06049	Zap Screwlok 'SL' System		6/07	6/12	Barsplice Products, Inc. 4900 Webster St. Dayton OH 45414 (937) 275-8700 (937) 275-9566 – Fax www.barsplice.com

	S-2 – Bridge Joint System (Compression Seal Joint) ADOT Specifications: 1011 ADOT Drawings: SD 3.01 (Compression Seal Joint) Responsible Section: Bridge Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
S-2	02062	Phyzite 380 W/H.A.L.S.		5/08	5/13	Chase Construction Products 401 New Karner Road Albany NY 12205 (518) 344-7777

	S-3 – Bridge Joint System (Strip Seal Joint) ADOT Specifications: 1011 ADOT Drawings: SD 3.02 (Strip Seal Joint) Responsible Section: Bridge Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
S-3						

Category: T – Structural Paints

	T-1 – Alkyd ADOT Specifications: 1002 ADOT Drawings: None 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. 6625 Miramar Road San Diego CA 92121 (858) 626-3600 (602) 244-2715 – Fax www.frazee.com

	T-2 – Water Based ADOT Specifications: ASTM D660-93, D661-93 & Dd772-86 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
T-2	96-31	90-Series DTM Primer/ Finish	3 coat primer/finish, 2 mils DFT each	3/09	3/14	PPG Industries, Inc. 5500 Corporate Dr., Suite 5500 Pittsburgh PA 15237 (800) 441-9695 http://www.pittsburghpaints.com
T-2	96-32	90-474 Series DTM Satin	1 coat primer/finish, 2 mils DFT, 2 coats satin topcoat, 2 mils DFT each	3/09	3/14	PPG Industries, Inc. 5500 Corporate Dr., Suite 5500 Pittsburgh PA 15237 (800) 441-9695 http://www.pittsburghpaints.com
T-2	99-19 98077	Acrylic Metal Primer #561	Fast drying interior/exterior acrylic metal primer.	11/05	11/10	Frazee Industries, Inc. 2131 E. Jackson St. Phoenix AZ 85034 (602) 275-5444 (602) 244-2715 – Fax www.frazee.com

T-2	96-03	Griggs Hydro-Acrylic Paint System		2/01	2/06	TriCom Coatings, Inc. 2639 N. 31st Ave. Phoenix AZ 85009 (602) 243-3293 (602) 268-6801 – Fax www.tricomcoatings.com
T-2	01-06 01022	ICI Delux Paints 2210 Ultra-Hide Durus Acrylic Flat		11/01	11/06	I.C.I. Delux Paints 925 Euclid Avenue Cleveland OH 44115 (216) 344-8800
T-2	01-05 01023	ICI Delux Paints 2250 Speed-Cote Acrylic Flat		11/01	11/06	I.C.I. Delux Paints 925 Euclid Avenue Cleveland OH 44115 (216) 344-8800
T-2	01-07 01024	ICI Delux Paints 302SW Ultra-Hide Durus-Cote Plus		11/01	11/06	I.C.I. Delux Paints 925 Euclid Avenue Cleveland OH 44115 (216) 344-8800
T-2	03063 96-05	Intercryl 520	Rust inhibitive water borne acrylic for use as primer or finish coat on structural steel bridges	2/07	2/12	International Paint LLC 6001 Antoine Dr. Houston TX 77091 (713) 684-1289 www.internatinalpaint.com
T-2	03064 96-05	Intercryl 530	Intermediate and finish coat over primed structural steel surfaces	2/07	2/12	International Paint LLC 6001 Antoine Dr. Houston TX 77091 (713) 684-1289 www.internatinalpaint.com
T-2	96-06	Sherwin-Williams DTM Acrylic 2-Part Coating System		5/08	5/13	The Sherwin-Williams Co. 2312 North 16th Street Phoenix AZ 85006 (602) 252-7574
T-2	96-04	Sinclair Paint		3/96	3/01	ICI Delux Paints 1040 S Country Club Dr. Mesa AZ 85210-4643 (602) 844-9981
T-2	99-19 98078	Topcoat DTM #540	Urethane modified 100% acrylic interior/exterior industrial glass finish.	11/05	11/10	Frazee Industries, Inc. 2131 E. Jackson Phoenix AZ 85034 (602) 275-5444 (602) 244-2715 - Fax
T-2	02017	Sherwin Williams Duration K-32 Series Exterior Latex Flat Masonry Finish		5/08	5/13	The Sherwin-Williams Co. 2135 E. Jones Avenue Phoenix AZ 85040 (602) 292-2077 (602) 252-7256 – Fax
T-2	02018	Sherwin Williams A-100/A6 Series Exterior Latex Flat Masonry Finish		5/08	5/13	The Sherwin-Williams Co. 2135 E. Jones Avenue Phoenix AZ 85040 (602) 292-2077 (602) 252-7256 – Fax

T-2	02019	Sherwin Williams B42 Series Exterior Latex Flat Masonry Finish		5/08	5/13	The Sherwin-Williams Co. 2135 E. Jones Avenue Phoenix AZ 85040 (602) 292-2077 (602) 252-7256 – Fax
T-2	03069	W6240 Versaflat		9/03	9/08	Dunn-Edwards 1872 E. Broadway Road Tempe AZ 85282 (480) 968-3413 (480) 894-2044 – Fax www.dunnedwards.com
T-2	03070	W203 Endura Coat		9/03	9/08	Dunn-Edwards 1872 E. Broadway Road Tempe AZ 85282 (480) 968-3413 (480) 894-2044 – Fax www.dunnedwards.com

Category: U – Testing and Construction Equipment

	U-1 – Capping Compounds ADOT Specifications: ASTM C617 & C109 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
U-1	85-02	Basolit Sulfur Cement No. 600	Sulfur based capping compound. Compressive strength test	1/04	11/13	Sauereisen Inc. 160 Gamma Drive Pittsburgh PA 15238 (412) 963-0303

	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	78-02	Disposable Plastic Cylinder Molds	Compressive strength test	5/08	5/13	M.A. Industries, Inc. P.O. Box 2322 303 Dividend Dr. Peachtree Georgia 30269 (770) 487-7761
U-2	85-05	Disposable Plastic Cylinder Molds	Compressive strength test	5/08	5/13	Jatco, Inc. 725 Zwissig Way Union City CA 94587 (800) 445-2826

U-2	90-60	On-Spec Plastic Cylinder Molds	Compressive strength test	9/09	9/14	On-Spec Manufacturing Co. 1020 S. Bolton St. Jacksonville TX 75766 (800) 456-7285 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**
U-4						

	U-5 – Slab Jacking ADOT Specifications: None ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
U-5	92086	Uretek	Used with small voids only.	1/11	1/16	Uretek U.S.A., Inc. P.O Box 1929 Tomball, TX 77377-1929 (281) 351-7800

Category: V – Traffic Control Materials

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV

V-1 – Attenuation Device – Impact Attenuators
ADOT Specifications: 702-2.02
ADOT Drawings: None
Responsible Section: Roadway Support/Traffic Group

*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	5/08	5/13	Trinity Highway Safety Products, Inc. 2525 Stenmons Freeway Dallas TX 75207 (800) 527-6050 (214) 589-8423 – Fax
V-1	03023 05042	FASTRACC	NCHRP 350 TL3 compliant Approval from the Assistant State Engineer, Roadway Engineering Group is required prior to using this product	2/11	2/16	Trinity Highway Safety Products, Inc. 2525 Stemmons Freeway Dallas TX 75207 (800) 527-6050 (214) 589-8423 - Fax
V-1	08037	HEART Impact Attenuator		3/10	3/15	Trinity Highway Products LLC. 5216 Brassfield Dr. Olymia WA 98501 (360) 943-9559
V-1	96119	NEAT	NCHRP 350 TL2 compliant	8/09	8/14	Energy Absorption Systems, Inc. 35 East Wacker Drive, Suite 1100 Chicago IL 60601 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-1	96043	QuadGuard	NCHRP 350 TL3 compliant	8/09	8/14	Energy Absorption Systems, Inc. 35 East Wacker Drive, Suite 1100 Chicago IL 60601 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-1	97077	QuadGuard Wide 69/90 Wide	NCHRP 350 TL3 compliant	8/09	8/14	Energy Absorption Systems, Inc. 35 East Wacker Drive, Suite 1100 Chicago IL 60601 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-1	98069	Quad Guard 69/90 LMC Wide	NCHRP 350 TL3 compliant	8/09	8/14	Energy Absorption Systems, Inc. 35 East Wacker Drive, Suite 1100 Chicago IL 60601 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/

V-1	98060	Quad Guard LMC	NCHRP 350 TL3 compliant	8/09	8/14	Energy Absorption Systems, Inc. 35 East Wacker Drive, Suite 1100 Chicago IL 60601 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-1	07015	SCI 70 GM Smart Cushion	NCHRP 350 TL2 Compliant	3/08	3/13	SCI Products Inc. 635 Lucknow Road Harrisburg PA 17110 (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. http://www.azdot.gov/Highways/Roadway_Engineering/Roadway_Design/Design/Memos/PDF/CrashCushionMemo_Doc_7_09_09.pdf	10/04	10/09	SCI Products Inc. 635 Lucknow Road Harrisburg PA 17110 (800) 327-4417
V-1	03022 05042	SHORTRACC	NCHRP 350 TL2 compliant	2/11	2/16	Trinity Highway Safety Products, Inc. 2525 Stemmons Freeway Dallas TX 75207 (800) 527-6050 (214) 589-8423 - Fax
V-1	02005	TAU – II	NCHRP 350 TL3 compliant — Does not include the Universal TAU-II Crash Cushion System	9/09	9/14	Barrier Systems, Inc. 180 River Road Rio Vista CA 94571-1208 (510) 733-9656 (510) 733-5761 - Fax
V-1	98112 05042	TRACC	NCHRP 350 TL3 compliant	2/11	2/16	Trinity Highway Safety Products, Inc. 2525 Stemmons Freeway Dallas TX 75207 (800) 527-6050 (214) 589-8423 - Fax
V-1	03006 05042	WideTRACC	NCHRP 350 TL3 compliant	2/11	2/16	Trinity Highway Safety Products, Inc. 2525 Stemmons Freeway Dallas TX 75207 (800) 527-6050 (214) 589-8423 - Fax

	V-2 – Attenuation Device – Guardrail End Terminals ADOT Specifications: 702 ADOT Drawings: None Responsible Section: Roadway Support					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-2	02077	ET-2000 PLUS	NCHRP 350 TL3 compliant	5/08	5/13	Trinity Highway Safety Products, Inc. 2525 Stemmons Freeway Dallas TX 75207 (800) 527-6050 (214) 589-8423 - Fax

V-2	98040	FLEAT 350	NCHRP 350 TL3 compliant	9/09	9/14	Road Systems, Inc. 3616 Howard County Airport Rd. Big Spring TX 79720 (432) 263-2435 www.roadsystems.com
V-2	98086	SKT-350	Meets NCHRP 350 TL3 requirements.	3/10	3/15	Road Systems, Inc. 2516 Mallory Lane Stow OH 44224 (330) 346-0721 (330) 346-0722 – Fax www.roadsystems.com
V-2	96023 01052	SRT-350	NCHRP 350 TL3 compliant	2/11	2/16	Trinity Highway Safety Products, Inc. 2525 Stemmons Freeway Dallas TX 75207 (800) 527-6050 (214) 589-8423 - Fax
V-2	01052	SRT/HBA 6-Post System	NCHRP 350 TL3 compliant	5/08	5/13	Trinity Highway Safety Products, Inc. 2525 Stemmons Freeway Dallas TX 75207 (800) 527-6050 (214) 589-8423 - Fax

	V-3 – Attenuation Device – Sand Barrels ADOT Specifications: 702 ADOT Drawings: 4-C-1.03 Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-3	06109	CrashGard	NCHRP 350 TL3 compliant	12/07	12/12	Plastic Safety Systems, Inc 2444 Baldwin Road Cleveland OH 44104 1-800-662-6338 www.plasticsafety.com
V-3		Energite III	NCHRP 350 TL3 compliant	1/06	1/11	Energy Absorption Systems, Inc. 35 East Wacker Drive, Suite 1100 Chicago IL 60601 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-3	92060	Fitch Universal Module	NCHRP 350 TL3 compliant	1/06	1/11	Energy Absorption Systems, Inc. 35 East Wacker Drive, Suite 1100 Chicago IL 60601 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-3	98079	Traffix Sand Barrel System – SBS	NCHRP 350 TL3 compliant Also named: TrafFix Big Sandy Impact Attenuator Sand Barrel	8/09	8/14	TrafFix Devices, Inc. 160 Avenida La Pata San Clemente CA 92673 (949) 361-5663 (949) 361-9205 – Fax www.traffixdevices.com

	V-4A – Channelizing Devices – Longitudinal Barriers–Test Level 3 ADOT Specifications: 702 ADOT Drawings: None 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	4/06	4/11	Brifen USA, Inc. 12501 N. Santa Fe Ave. Oklahoma City OK 73114 405-751-8062 405-751-8338 – Fax 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. 12501 N. Santa Fe Ave. Oklahoma City OK 73114 405-751-8062 405-751-8338 – Fax www.brifenusa.com
V-4A	06003	Brifen Wire Rope Safety Fence (WRSF), 3-Wire System	NCHRP 350 TL3 compliant	4/06	4/11	Brifen USA, Inc. 12501 N. Santa Fe Ave. Oklahoma City OK 73114 405-751-8062 405-751-8338 – Fax 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, LLC 5216 Brassifield Drive Olympia WA 98501 (360) 943-9559
V-4A	03047	CASS, 3-Wire System	NCHRP 350 TL3 compliant Only C-post system is approved	6/08	6/13	Trinity Highway Products, LLC 5216 Brassifield Drive Olympia WA 98501 (360) 943-9559
V-4A	05045	Gibraltar Cable Barrier System, 3-Wire System	NCHRP 350 TL3 compliant	1/11	1/16	Gibraltar 320 Southland Road Burnet TX 78611 (800) 495-8957
V-4A	07100	Safence 350 4RC	Also approved: Safence Terminal	3/10	3/15	Safence by Gregory Industries 4100 13th Street, SW Canton OH 44710 (330) 477-4800

	V-4B – Channelizing Devices – Longitudinal Barriers–Test Level 4 ADOT Specifications: 702 ADOT Drawings: None 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	4/06	4/11	Brifen USA, Inc. 12501 N. Santa Fe Ave. Oklahoma City OK 73114 405-751-8062 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, LLC 5216 Brassifield Drive Olympia WA 98501 (360) 943-9559
V-4B	05045	Gibraltar Cable Barrier System, 3-Wire System	NCHRP 350 TL4 compliant	1/11	1/16	Gibraltar 320 Southland Road Burnet TX 78611 (800) 495-8957

	V-4C – Channelizing Devices – Longitudinal Barriers–Median Barrier Gates ADOT Specifications: 702 ADOT Drawings: None 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	8/09	8/14	Energy Absorption Systems, Inc. 35 East Wacker Drive, Suite 1100 Chicago IL 60601 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-4C	04062	Safeguard Gate	NCHRP 350 TL3 compliant	1/06	1/11	Barrier Systems, Inc. 180 River Road Rio Vista CA 94571 (707) 374-6800 (707) 374-6801-Fax
V-4C	07126	Vulcan Barrier	NCHRP 350 TL3 compliant	3/2009	3/14	Energy Absorption Systems, Inc. 35 East Wacker Drive, Suite 1100 Chicago IL 60601 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/

	V-4D – Channelizing Devices – Longitudinal Barriers–Miscellaneous ADOT Specifications: 702 ADOT Drawings: None Responsible Section: Roadway Support/Materials/Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-4D	01112	King Block	NCHRP 350 TL3 compliant	2/11	2/16	Trinity Highway Safety Products, Inc. 2525 Stemmons Freeway Dallas TX 75207 (800) 527-6050 (214) 589-8423 - Fax

V-4D	08025	P-Block Series		9/10	9/15	Monroeville Industrial Molding, Inc. 75 Ontario Street Norwalk OH 44857 (419) 668-1820 (419) 668-3683 - Fax

	V-6A – Channelizing Devices – Flexible Delineators – Surface Mount ADOT Specifications: ADOT Drawings: M-36 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 3110 70th Avenue East Tacoma, Washington 98424 (253) 284-8000 www.davidsontraffic.com
V-6A	08064	Shur-Flex Surface Mount Delineator		6/09	6/14	SHUR-TITE Products P.O. Box 2283 Round Rock TX 78680 (512) 218-9500 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 ADOT Specifications: ADOT Drawings: M-36, M-37 Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-6B	08032	Shur-Flex Driveable Delineator		6/09	6/14	SHUR-TITE Products P.O. Box 2283 Round Rock TX 78680 (512) 218-9500 http://www.shur-tite.com

V-6B	09108	FG 300	Driveable mount.	4/11	4/16	Pexco LLC/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 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 ADOT Specifications: None ADOT Drawings: M32 Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-9		Astro Optics JD 11 Delineators		1/11	1/16	Astro Optics Corporation 1200 Abbott Drive Elgin, Illinois 60123 (847) 488-9151 (847) 488-9154– Fax
V-9		Stimsonite 965		5/08	5/13	Ennis Traffic Safety Solutions dba Ennis Paint 1509 S Kaufman Ennis TX 75119 (800) 331-8118 (800) 555-0217 - Fax

	V-9A – Channelizing Devices – Markers for Concrete Barrier and Guardrail – “L-Shape” Semi-Flexible Plastic Types ADOT Specifications: None ADOT Drawings: M32 Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

V-9A		Astro Optics FB 33		4/08	4/13	Astro Optics Corporation 1200 Abbott Drive Elgin, Illinois 60123 (847) 488-9151 (847) 488-9154– Fax
V-9A		Astro Optics FB 34	Use below 3500 ft. elevation.	1/11	1/16	Astro Optics Corporation 1200 Abbott Drive Elgin, Illinois 60123 (847) 488-9151 (847) 488-9154– Fax
V-9A	92069	PCBM-12	Use below 3500-ft. elevation.	1/11	1/16	Pexco LLC/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com
V-9A		PCBM-9		5/08	5/13	Pexco LLC/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com
V-9A	02115	TD 9400 Roadguide		5/07	5/12	Three D Traffic Works 430 North Varney Street Burbank CA 91502 (877) 843-9757 (818) 841-5096 – Fax www.trafficwks.com
V-9A	02095	TD 9304 Roadguide and Concrete Barrier Marker		5/07	5/12	Three D Traffic Works 430 North Varney Street Burbank CA 91502 (877) 843-9757 (818) 841-5096 – Fax www.trafficwks.com

	V-9B – Channelizing Devices – Markers for Concrete Barrier and Guardrail – “T-Shape” Hinged Types ADOT Specifications: None ADOT Drawings: M32 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		4/08	4/13	Astro Optics Corporation 1200 Abbott Drive Elgin, Illinois 60123 (847) 488-9151 (847) 488-9154– 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.	5/07	5/12	Plastic Safety Systems, Inc. 2444 Baldwin Road Cleveland OH 44104 (800) 662-6338 (216) 231-2702 - Fax

	V-9C – Channelizing Devices – Longitudinal Reflective Material for Concrete Barrier and Guardrail ADOT Specifications: None ADOT Drawings: M32 Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-9C	02036	Linear Delineation System (LDS)		3/2009	3/14	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/

	V-10A – Channelizing Devices – Markers for Guardrail – Single Piece Metal Post Clip Mount Flexible Plastic Types ADOT Specifications: None ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

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

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 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com
V-10C	92-02	Guardrail Delineators	White and yellow colors, 27” long by 3” wide	11/05	11/10	Carsonite Composites 605 Bob Gifford Blvd. Early Branch SC 29916 (800) 648-7916 http://www.carsonite.com/
V-10C	92-02	Flexstake GR102.5	White and yellow colors, 30” long by 3” wide	1/11	1/16	Flexstake, Inc. 2150 Andrea Lane Fort Myers FL 33912 (800) 348-9839 (941) 482-3539 – Fax http://www.flexstake.com
V-10C	92-02	GRD-2-27 Single Curve	White and yellow colors, 27” long by 3.75” wide	5/08	5/13	Carsonite Composites 605 Bob Gifford Blvd. Early Branch SC 29916 (800) 648-7916 http://www.carsonite.com/
V-10C	07029	NDM 27" Guardrail Marker		12/07	12/12	New Direction Manufacturing, Inc 830 Hydrangea Drive North Fort Meyers FL 33903 239-464-6591 www.ndm-inc.com
V-10C	09069	SHUR-TITE Clamp Mount Delineator (#SF2751)		9/10	9/15	SHUR-TITE Products P.O. Box 2283 Round Rock TX 78680 (512) 218-9500 (512) 388-0417 - Fax
V-10C	09070	SHUR-TITE Flat Mount Delineator (#SF2752)		9/10	9/15	SHUR-TITE Products P.O. Box 2283 Round Rock TX 78680 (512) 218-9500 (512) 388-0417 - Fax
V-10C	02109	TD 9100 Guardflex	Used as a channelizing device - marker for guardrails and a bridge marker.	1/11	01/16	Three D Traffic Works 430 N. Varney Street Burbank CA 91502 (877) 843-9757 (818) 841-5096 – Fax www.trafficwks.com

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

V-10M	92-08	Flexstake Snow Tube	2.5” diameter by 72” long	1/11	1/16	Flexstake, Inc. 2150 Andrea Lane Fort Myers FL 33912 (800) 348-9839 (941) 482-3539 – Fax http://www.flexstake.com

	V-14A – Pavement Marking – Adhesive for Raised Pavement Markers, Bituminous–Standard 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-14A		Crafco 34269		4/11	4/16	Crafco, Inc. 420 N. Roosevelt Avenue Chandler AZ 85226 (800) 528-8242 (480) 961-0513 – Fax
V-14A	05040	Dot Stick Bituminous Marker Adhesive		9/09	9/14	Henry Company 10144 Waterman Rd. Elk Grove CA 95624 (916) 849-9908 (916) 714-4582 – Fax
V-14A	97049	Gulf State	Evergrip Bituminous Marker Adhesive	5/08	5/13	Martin Asphalt Company 300 Christy Place South Houston TX 77587 (713) 941-4410
V-14A		Stimsonite 2202031		8/09	8/14	Ennis Traffic Safety Solutions dba Ennis Paint 1509 S Kaufman Ennis TX 75119 (800) 331-8118 (972) 878-0685 – Fax

	V-14B – Pavement Marking – Adhesive for Raised Pavement Markers, Melt-In-Place Thermoplastic 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-14B		Flint Trading Bundy		5/11	5/16	Flint Trading, Inc. P.O. Box 160 Thomasville NC 27360 (336) 475-6600 www.flinttrading.com
V-14B	01118	PreMark®	Adhesive for RPM’s	9/09	9/14	Flint Trading, Inc. 115 Todd Court Thomasville NC 27360 (336) 475-6600 (336) 475-7900- Fax 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		9/07	9/12	United Resin Corporation 4359 Normandy Court Royal Oak MI 48073 (248) 549-8200 2622 N. Ogden, Suite 105 Mesa AZ 85215 (480) 830-3200

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 10144 Waterman Rd. Elk Grove CA 95624 (916) 849-9908 (916) 714-4582 – Fax
V-14D	06016	Hot-Applied Flexible Pavement Marker Adhesive		9/09	9/14	Crafco Inc. 420 N. Roosevelt Ave. Chandler AZ 85226 (602) 276-0406 ext 2412 (480) 961-4772 – Fax

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

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

V-16	98071	APEX Model 932 TSI 4	Temporary chip seal markers.	9/09	9/14	APEX Universal, Inc. 11033 Forest Place Santa Fe Springs CA 90670 (562) 944-8878 (562) 944-2298 – Fax
V-16	93-08	Dapco TRPM, WZ Dbl. Cap	Work zone grade with double cover. Yellow 2-way and White 1-way	1/11	1/16	Pexco LLC/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com
V-16	93-08	Dapco TRPM, WZ Dbl. Staple	Work zone grade with double staple. Yellow 2-way and White 1-way	1/11	1/16	Pexco LLC/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com
V-16	93-08	Dapco TRPM, WZ Standard	Standard work zone grade. Yellow 2-way and White 1-way	1/11	1/16	Pexco LLC/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com
V-16	93-08	TRPM, HH (High Heat) Standard	High heat grade, Yellow 2-way and White 1-way	1/11	1/16	Pexco LLC/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com

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

	V-19 – Pavement Marking – Preformed Plastic Pavement Marking – Permanent, Hot Applied ADOT Specifications: None 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. P.O. Box 160 Thomasville, NC 27360 (336)475-6600 www.flinttrading.com
V-19	91014	Hot Tape	Melt-in-place. Preformed thermoplastic tape.	3/08	3/13	Flint Trading, Inc. 115 Todd Court Thomasville NC 27361 (336) 475-6600 www.flinttrading.com
V-19	01118	PreMark®	Melt-in-place thermoplastic	9/09	9/14	Flint Trading, Inc. 115 Todd Court Thomasville NC 27360 (336) 475-6600 (336) 475-7900- Fax

V-19R – Pavement Marking – Preformed Plastic Pavement Marking – Permanent, Hot Applied – Route Marking
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Traffic Group

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

V-20A – Pavement Marking – Short-Line Preformed Plastic 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 271 ES – yellow	12/06	12/11	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/
V-20A	93-10A	ATM 300	Meets the requirements of the proposed spec. Type I-A (general purpose) and Type I-B (high durability).	9/09	9/14	Advanced Traffic Markings P.O. Box H Roanoke Rapids NC 27870 (919) 536-2574
V-20A	03076	ATM 400		9/07	9/12	Advanced Traffic Markings P.O. Box H Roanoke Rapids NC 27870 (919) 536-2574

V-20A	06047	ATM 400+ Extended Life Marking Tape		9/07	9/12	Advanced Traffic Markings P.O. Box H Roanoke Rapids NC 27870 (919) 536-2574
V-20A	92-77	Brite-Line 1000	Meets the requirements of the proposed spec. Type I-A (general purpose) and Type I-B (high durability).	4/08	4/13	Brite-Line Technologies, Inc. 104 Revere Street Canton Massachusetts 02021 (888) 201.6448 (888) 208.0758 – Fax
V-20A	05055	Brite-Line 5000		4/06	4/11	Brite-Line Technologies, Inc. 10660 E. 51st Ave Denver CO
V-20A	00050	Director-60 Permanent Pavement Marking Tape		12/07	12/12	Swarco P.O. Box 89 Columbia TN 38402-0089 (931) 388-5900
V-20A	03120	High Performance Tape Series 380I ES	Can also be included in Category V-21	5/11	5/16	3M Company 1776 East Horseshoe Court Gilbert, AZ 85296 480.221.5407 480.705.5291- Fax
V-20A		High Performance 381I		5/11	5/16	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/
V-20A		StamarkHigh Performance Tape Series 380I		2/08	2/13	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/

	V-20B – Pavement Marking – Long-Line Preformed Plastic 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		3/09	3/14	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/
V-20B	06037	3M Stamark Pavement Marking Tape Series 270 ES	270 ES – white 271 ES – yellow	12/06	12/11	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/

V-20B		StamarkHigh Performance Tape Series 380I		2/08	2/13	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/
V-20B	03120	High Performance Tape Series 380I ES	Can also be included in Category V-21	5/11	5/16	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/
V-20B		High Performance 381I		5/11	5/16	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/

	V-20P – Pavement Marking – Preformed Plastic 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 Plastic 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	05054	3M Stamark High Performance Wet Reflective Tape 380WR (white) / 381WR (yellow)		3/09	3/14	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/
V-20W	08057	3M Stamark High Performance Wet Reflective Tape 380AW (white) & 381AW (yellow)		3/09	3/14	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV

V-21 – Pavement Marking – Preformed Plastic Pavement Marking – Type II (Temporary, Removable)
ADOT Specifications: 705-2.02
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-21	07016	3M Stamark Wet Reflective Removable Tape Series 780		12/08	12/13	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/
V-21	09053	3M Stamark Wet Reflective Removable Tape Series 710		10/10	10/15	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/
V-21	93-09	ATM 200		9/09	9/14	Advanced Traffic Markings P.O. Box H Roanoke Rapids NC 27870 (919) 536-2574
V-21		Aztec	102 – white 390 - yellow	9/09	9/14	P.B. Laminations, Inc. 2940 Mary Ave. P.O. Box 440126 Brentwood MO 63144 (800) 366-2569 http://www.pblaminations.com/

V-21W – Pavement Marking – Preformed Plastic Pavement Marking – Type II (Temporary, Removable) – Wet Reflective
ADOT Specifications: 705-2.02
ADOT Drawings: None
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		10/10	10/15	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/

V-22 **–** Pavement Marking – Preformed Plastic Pavement Marking – Type III (Temporary, Non-Removable)
ADOT Specifications: 705-2.03
ADOT Drawings: None
Responsible Section: Traffic Group

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

V-22		Flex-O-Line 300		8/09	8/14	FOL Tape, LLC 2025 Hitzert Ct. Fenton MO 63026 (888) 365-8273 (636) 343-1814 - Fax www.foltape.com
V-22	01058	Visa-line Temporary marking Tape (Type III – Non-removable)		4/08	4/13	Swarco P.O. Box 89 Columbia TN 38402 (931) 388-5900 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		3M 290 All Types		5/11	5/16	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/
V-23	03110	C80		5/08	5/13	Ennis Traffic Safety Solutions dba Ennis Paint 1509 S Kaufman Ennis TX 75119 (800) 331-8118 (800) 555-0217 - Fax
V-23	01048	C88 Raised Pavement Marker	This product is approved subject to the conditions of Note (3) below.	5/08	5/13	Ennis Traffic Safety Solutions dba Ennis Paint 1509 S Kaufman Ennis TX 75119 (800) 331-8118 (800) 555-0217 - Fax
V-23	01049	Model 911 – Urethane Fill	Conditionally approved, subject to laboratory and field-testing. Final evaluation by 6/2003.	5/08	5/13	Ennis Traffic Safety Solutions dba Ennis Paint 1509 S Kaufman Ennis TX 75119 (800) 331-8118 (800) 555-0217 - Fax
V-23	08026	Model 980	Conditionally approved for 1 year. 2 year field review to be conducted fall 2011	11/10	11/11	Ennis Traffic Safety Solutions dba Ennis Paint 1509 S Kaufman Ennis TX 75119 (800) 331-8118 (800) 555-0217 - Fax
V-23		Ray-O-Lite AA-ARC II 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.	6/03	6/08	Rayolite 4500 N. Sam Houston Pkwy. W, Suite 120 Houston TX 77086 (800) 848-7025 (281) 583-1506 – Fax www.rayolite.com

V-23		Ray-O-Lite 2002 All Types	CAUTION: For applications below 3800 feet this marker should only be used on PCCP.	6/03	6/08	Rayolite 4500 N. Sam Houston Pkwy. W, Suite 120 Houston TX 77086 (800) 848-7025 (281) 583-1506 – Fax www.rayolite.com
V-23		Stimsonite 911 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 1509 S Kaufman Ennis TX 75119 (800) 331-8118 (800) 555-0217 - Fax
V-23		Stimsonite 953 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 1509 S Kaufman Ennis TX 75119 (800) 331-8118 (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 Rumble Strip		9/09	9/14	Advance Traffic Markings 100 Patch Rubber Rd. Weldon NC 27890 (252) 536-2574 ext.123 (252) 536-4940 – Fax www.trafficmarkings.com
V-24T	09034	RoadQuake Temporary Portable Rumble Strip		9/09	9/14	Plastic Safety Systems, Inc. 2444 Baldwin Rd. Cleveland OH 44104 (216) 244-3207 (216) 231-2702 – Fax www.plasticsafety.com

	V-25 – Pavement Marking – Dual Component Pavement Markings ADOT Specifications: By special provision contact C&S for approved version. Stored spec. currently under development ADOT Drawings: N/A Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-25		Epoplex LS50 (epoxy)		5/08	5/13	Epoplex (division of Stoncor Group, Inc.) One Park Avenue Maple Shade NJ 08052 (856) 667-8399 (856) 321-7559
V-25	01025	HPS-3 White & Yellow		5/11	5/16	Ennis Traffic Safety Solutions dba Ennis Paint P.O. Box 404 Ennis, TX 75120 (800) 331-8118 800-555-0217-Fax
V-25		LDI Super LifeLine III (epoxy)		5/11	5/16	Ennis Traffic Safety Solutions dba Ennis Paint P.O. Box 404 Ennis, TX 75120 (800) 331-8118 800-555-0217-Fax
V-25		Mark 55.3	Based on NTPEP two years evaluation	11/05	11/10	Poly-Carb, Inc. 33095 Bainbridge Rd. Cleveland OH 44139 (440) 248-1223 (440) 248-1513 – Fax www.poly-carb.com
V-25		Mark 55.6	Based on NTPEP two years evaluation Designers specifying this product exclusively are to provide proper required justification to funding agency.	11/05	11/10	Poly-Carb, Inc. 33095 Bainbridge Rd. Cleveland OH 44139 (440) 248-1223 (440) 248-1513 – Fax www.poly-carb.com
V-25		Mark-55	Epoxy	9/09	9/14	Poly-Carb, Inc. 33095 Bainbridge Rd. Cleveland OH 44139 (440) 248-1223 (440) 248-1513 – Fax www.poly-carb.com
V-25		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.	11/05	11/10	Ennis Traffic Safety Solutions dba Ennis Paint 1509 S Kaufman Ennis TX 75119 (800) 331-8118 (800) 555-0217 - Fax
V-25	03002	TM8212/TM8214 Hotline Epoxy Traffic Marking Paint		10/04	10/09	The Sherwin Williams Company 2135 East Jones Avenue Phoenix AZ 85040 (602)292.2077 (602)252.7562

V-25	03003	TM8215/TM8214 Hotline Epoxy Traffic Marking Paint Color: Traffic Lead Free Yellow		10/05	10/10	The Sherwin Williams Company 2135 East Jones Avenue Phoenix, AZ 85040 602.292.2077 602.252.7562-fax
V-25	01026	URETECH(TM) HPS-4 Modified Urethane Pavement Markings		10/05	10/10	Ennis Traffic Safety Solutions dba Ennis Paint 1509 S Kaufman Ennis, TX 75119 (800) 331-8118 800-555-0217-Fax

V-25P – Pavement Marking – Profile Pavement Markings
ADOT Specifications: By special provision contact C&S for approved version. Stored spec. currently under development
ADOT Drawings: N/A
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-25P		Aqualite	Profile Thermoplastic	5/11	5/16	Ennis Traffic Safety Solutions dba Ennis Paint P.O. Box 404 Ennis TX 75120 (800) 331-8118 800-555-0217-Fax
V-25P		Lane Alert	Profile Thermoplastic with bumps and inverted profiles.	8/09	8/14	Rainline Corporation P.O. 211059 Montgomery AL 36121-1059 (334) 277-0237 (334) 277-0459 – Fax
V-25P		Vibraline	Profile Thermoplastic	3/04	10/13	Brite-Line, LLC 10660 E. 51st Ave. Denver CO 80239 (303) 375-1293 (303) 375-8557 – Fax www.brite-line.com

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 ADOT Specifications: By special provision contact C&S for approved version. Stored spec. currently under development ADOT Drawings: N/A Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

	V-26 – Pavement Marking – Thermoplastic Striping & Markings ADOT Specifications: 704 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-26		Thermoplastic Products		5/11	5/16	Ennis Traffic Safety Solutions dba Ennis Paint P.O. Box 404 Ennis TX 75120 (800) 331-8118 800-555-0217-Fax
V-26		Thermoplastic Products		5/11	5/16	Ennis Traffic Safety Solutions dba Ennis Paint P.O. Box 404 Ennis TX 75120 (800) 331-8118 800-555-0217-Fax
V-26	08046	3M All Weather Thermoplastic		3/10	3/15	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/
V-26		Thermoplastic Products		5/06	5/11	Crown Technology II, LLC 35 Industrial Park Drive P.O. Box 789 Woodbury GA 30293 (706) 553-9500 (706) 553-9501 – Fax
V-26		Thermoplastic Products (Swarcotherm Thermoplastic Alkyd & Hydrocarbon Binders)		4/08	4/13	Swarco P.O. Box 89 Columbia TN 38402-0089 (931) 388-5900 (931) 388-4039 – Fax
Note: (1) Applies to both Alkyd and Hydrocarbon						

	V-26W – Pavement Marking – Thermoplastic Striping & Markings – Wet Reflective ADOT Specifications: 704 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

	V-27 – Traffic Paint – Water-Borne ADOT Specifications: 708 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-27	06036	3M All Weather Paint		3/08	3/13	3M 3M Center, Building 225-5S-08 St. Paul MN 55144 (480) 221-5407
V-27	09009	All Stripe Paint		10/10	10/15	Traffic Control Service Inc. 1818 E Orangethorpe Avenue Fullerton CA 92831 (714) 526-9546 (714) 526-9547 - Fax
V-27	98-27	AZW 27-M-1	White Ennis Traffic Safety Solutions dba Ennis Paint – Water Borne	8/09	8/14	Ennis Traffic Safety Solutions dba Ennis Paint 1509 S Kaufman Ennis TX 75119 (800) 331-8118 (972) 878-0685 – Fax
V-27	98-27	AZY 27-M-1	Yellow Ennis Traffic Safety Solutions dba Ennis Paint – Water Borne	8/09	8/14	Ennis Traffic Safety Solutions dba Ennis Paint 1509 S Kaufman Ennis TX 75119 (800) 331-8118 (972) 878-0685 – Fax
V-27	91-56	White 2342A9		8/09	8/14	Ennis Traffic Safety Solutions dba Ennis Paint 1509 S Kaufman Ennis TX 75119 (800) 331-8118 (972) 878-0685 – Fax
V-27	91-56	Yellow 2343A9		8/09	8/14	Ennis Traffic Safety Solutions dba Ennis Paint 1509 S Kaufman Ennis TX 75119 (800) 331-8118 (972) 878-0685 – Fax

V-27W – Traffic Paint – Water-Borne – Wet Reflective
ADOT Specifications: CalTrans traffic paint spec. 8010-61G-30
ADOT Drawings: None
Responsible Section: Traffic Group

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

V-29 – Signal and Lighting – Cabinet Mounted Service Enclosure
ADOT Specifications: 736
ADOT Drawings: T.S. 3-14
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		5/07	5/12	Arris Technologies, Inc. 15130 Vinola Drive Montverde FL 34756 (407) 469-4882 (407) 469-4390 - Fax
V-30	06052	HE75CX		6/06	6/11	HESCO/RLS, Inc. 1470 Kastner Place, Suite 112 Sanford FL 32771 (800) 547-4868
V-30	92085	Protector HS-P-SP-120A-30A-RJ		9/10	9/15	Eaton Corporation Innovative Technology TVSS Products 1000 Cherrington Parkway Moon Township PA 15108-4312 (412) 893-3251 www.eatonelectrical.com/itvss
V-30	92085	Protector HS-P-SP-120A-60A-RJ		9/10	9/15	Eaton Corporation Innovative Technology TVSS Products 1000 Cherrington Parkway Moon Township PA 15108-4312 (412) 893-3251 www.eatonelectrical.com/itvss

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		ATB2-17 (Type 2 Base)		9/06	9/11	KW Industries, Inc. 909 Industrial Boulevard Sugar Land TX 77478 (713) 240-0909
V-31Y		ATB3-17 (Type 3 Base)		9/06	9/11	KW Industries, Inc. 909 Industrial Boulevard Sugar Land TX 77478 (713) 240-0909
V-31Y		M104 (Type 2 Base)		9/06	9/11	Valmont Industries, Inc. One Valmont Parkway P.O. Box 358 Valley NE 68064 (402) 359-2201
V-31Y		M098 (Type 3 Base)		9/06	9/11	Valmont Industries, inc. One Valmont Parkway P.O. Box 358 Valley NE 68064 (402) 359-2201
V-31Y		OPTBW-15-17 (Type 3 Base)		9/06	9/11	Shakespeare Company Rt. 3 P.O. Box 733 Newberry SC 29108 (803) 276-5504
V-31Y	01095	Pole-Safe		9/09	9/14	Transpo Industries 20 Jones Street New Rochelle NY 10801 (914) 636-1000 (914) 636-1282 – Fax www.transpo.com
V-31Y		TB2-17 (Type 2 Base) [Akron]		9/06	9/11	Akron Foundry Company 2728 Wingate Avenue Akron OH 44313 (330) 745-3101
V-31Y		TB2-17 (Type 2 Base) [Ameron]		9/06	9/11	Ameron International Pole Products Division 2333 South Yukon Street Tulsa OK 74107 (918) 585-5611 (918) 587-9540 -Fax
V-31Y		TB2-17 (Type 2 Base) [JEM Engineering]		9/06	9/11	JEM Engineering & Mfg. Co., Inc. 908 West 41st P.O. Box 9160 Tulsa OK 74157 (918) 446-4517

V-31Y		TB2-17 (Type 2 Base) [Millerbernd]		9/06	9/11	Millerbernd Mfg. Company 622 6th Street South P.O. Box 98 Winsted MN 55395 (320) 485-2111
V-31Y		TB3-17 (Type 3 Base) [Akron]		9/06	9/11	Akron Foundry Company 2728 Wingate Avenue Akron OH 44313 (330) 745-3101
V-31Y		TB3-17 (Type 3 Base) [Ameron]		9/06	9/11	Ameron International Pole Products Division 2333 South Yukon Street Tulsa OK 74107 (918) 585-5611 (918) 587-9540 -Fax
V-31Y		TB3-17 (Type 3 Base) [JEM Engineering]		9/06	9/11	JEM Engineering & Mfg. Co., Inc. 908 West 41st P.O. Box 9160 Tulsa OK 74157 (918) 446-4517
V-31Y		TB3-17 (Type 3 Base) [Millerbernd]		9/06	9/11	Millerbernd Mfg. Company 622 6th Street South P.O. Box 98 Winsted MN 55395 (320) 485-2111
V-31Y		TB2-17-H (Type 2 Base) [P&K]		9/06	9/11	P & K Pole Products, Inc. 84 Foundry Street Newark NJ 07105 (973) 589-1500
V-31Y		TB3-17-H (Type 3 Base) [P&K]		9/06	9/11	P & K Pole Products, Inc. 84 Foundry Street Newark NJ 07105 (973) 589-1500

	V-32A – Signal and Lighting – Electrical Conduit, PVC Pipe and Fittings ADOT Specifications: 732 ADOT Drawings: None Responsible Section: Traffic Group
ANY UL LABLED SCHEDULE 40 PVC PIPE	

	V-32B – Signal and Lighting – Electrical Conduit, Galvanized Rigid Corrugated (GRC) and Fittings - Intermediate Metallic Conduit (IMC) and Fittings ADOT Specifications: 732 ADOT Drawings: None Responsible Section: Traffic Group
ANY UL LABLED	

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

ANY UL LABLED

V-32D – Signal and Lighting – High Density Polyethylene Electrical Conduit (HDPE)
ADOT Specifications: 732
ADOT Drawings: None
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 LABLED 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 LABLED 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		9/06	9/11	ITERIS 1515 S. Manchester Ave. Anaheim CA 92802-2907 (714) 774-5000
V-32G	06054	All applicable products		9/06	9/11	TRAFICON USA LLC 14520 Avion Parkway, Suite 305 Chantilly VA 20151 (703) 961-9617

V-32G		RACKVISION	Only	9/06	9/11	ECONOLITE CONTROL PRODUCTS, INC. 3360 E. La Palma Ave. Anaheim CA 92806 (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**
V-32H	06055	Blackburn Connector		9/06	9/11	Thomas & Betts Corporation 8155 T&B Boulevard Memphis TN 38125 (901) 252-5000
V-32H	09007	DryConn Direct Bury Waterproof Connector King 6 (MDB)		11/10	11/15	King Innovation 3801 Lloyd King Drive O'Fallon MO 63368 (800) 633-0232
V-32H	09008	King 9 "Big Blue"		11/10	11/15	King Innovation 3801 Lloyd King Drive O'Fallon MO 63368 (800) 633-0232
V-32H	00055	SLK-M Flood Seal – Disconnectable Fuse Holder		9/06	9/11	HMC - Homac Mfg. Company 12 Southland Road Ormond Beach FL 32174

	V-32J – Signal and Lighting – In-Line Fuse Connector ADOT Specifications: 732 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-32J	06056	All applicable products		9/06	9/11	Buchanan Construction Products, Inc. 101-T Bilby Rd. Hackettstown NJ 07840 (908) 850-5200 (800) 610-5201 (908) 852-7342 – Fax
V-32J	06057	All applicable products		9/06	9/11	Littelfuse 800 E. Northwest Highway Desplaines IL 60016 (847) 824-1188

V-32K – Signal And Lighting – Connectors and Power Distribution Block
ADOT Specifications: 732
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-32K		All applicable products		9/06	9/11	3M Corp. – Traffic Control Materials Div. 3M Center Bldg. 223-3N-01 St. Paul MN 55144-1000 (800) 553-1380

V-34 – Signal and Lighting – Traffic Control Cabinet
ADOT Specifications: 734
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-34		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	Econolite Control Products 3360 East La Palma Avenue Anaheim CA 92806-0150 (714) 630-3700
V-34		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	Safetran Traffic Systems 1485 Garden of the Gods Rd. Colorado Springs CO 80907 (719) 599-5600
V-34		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	SIEMENS ITS/EAGLE 8004 Cameron Rd. Austin TX 78753 (512) 837-8310
V-34		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	U.S. Traffic Corp. 9603 John St. Santa Fe CA 90670 (800) 733-7872

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV

V-34A – Signal and Lighting – Traffic Signal Controller Units
ADOT Specifications: 734
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-34A		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	Econolite Control Products 3360 East La Palma Ave. Anaheim CA 92806-0150 (714) 630-3700
V-34A		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	Peek Traffic Systems, Inc. 3000 Commonwealth Boulevard Tallahassee FL 32303-3157 (850) 562-2253 (850) 562-4126 – Fax
V-34A		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	Siemens ITS 8004 Cameron Rd. Austin, Texas 78753 Local: Phoenix Highway Products, Inc., 2202 W. Lone Cactus Drive, #4, Phoenix AZ 85027 (623) 434-0509 (623) 434-0511 – Fax
V-34A		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	U.S. Traffic Corp. 9603 John St. Santa Fe CA 90670 (800) 733-7872 (562) 923-7555 – Fax
V-34A		Microcomputer - Model 179		9/06	9/11	Safetran Traffic Systems 1485 Garden of the Gods Rd Colorado Springs CO 80907 (719) 599-5600 (719) 599-3853-Fax http://www.Safetran-Traffic.com
V-34A		NT-900 w/ MPS-P, MPS-T-C		9/06	9/11	Naztec P.O. Box 765 Sugarland TX 77487-0765 (281) 240-7233 (281) 240-7238

V-34B – Signal and Lighting – Load Switch & Flasher Transfer Relay
ADOT Specifications: 734
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-34B		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	Econolite Control Products 3360 East La Palma Avenue Anaheim CA 92806-0150 (714) 630-3700
V-34B		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	EDI - Eberle Design Inc. 3819 East La Salle Street Phoenix AZ 85040 (480) 968-6407
V-34B		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	SIEMENS ITS/EAGLE 8004 Cameron Rd. Austin TX 78753 (512) 837-8310
V-34B		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	Southwest Traffic Systems 2702 E. Amberwood Dr. Phoenix AZ 85048 (480) 706-7987

	V-34C – Signal and Lighting – Conflict Monitors ADOT Specifications: 734 ADOT Drawings: None 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. 820 Park Two Drive Sugar Land TX 77478 (281) 240-7233
V-34C	08066	NM512-E123	Conflict Monitor	3/10	3/15	Southwest Traffic Systems Inc. 820 Park Two Drive Sugar Land TX 77478 (281) 240-7233
V-34C		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions	12-channel monitor	9/06	9/11	Econolite Control Products 3360 East La Palma Avenue Anaheim CA 92806-0150 (714) 630-3700 (714) 630-6349 – Fax

V-34C		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions	12-channel monitor	9/06	9/11	EDI - Eberle Design Inc. 3819 East La Salle Street Phoenix AZ 85040 (480) 968-6407
V-34C		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions	12-channel monitor	9/06	9/11	SIEMENS ITS/EAGLE 8004 Cameron Rd. Austin TX 78753 (512) 837-8310

	V-34D – Signal and Lighting – Detector Power Supply & Detector Rack and Card ADOT Specifications: 734 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-34D		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	Econolite Control Products 3360 East La Palma Avenue Anaheim CA 92806-0150 (714) 630-3700
V-34D		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	EDI - Eberle Design Inc. 3819 East La Salle Street Phoenix AZ 85040 (480) 968-6407
V34D		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	ITERIS 1515 S. Manchester Ave. Anaheim CA 92802-2907 (714) 774-5000
V-34D		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	RENO 4655 Aircenter Circle Reno NV 89502-5948 (775) 826-2020
V-34D		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	SIEMENS ITS/EAGLE 8004 Cameron Rd. Austin TX 78753 (512) 837-8310

V-34D		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	TRAFICON USA LLC 14520 Avion Parkway, Suite 305 Chantilly VA 20151 (703) 961-9617
V-34D		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	Unitrack Industries 967 E. Masten Circle Milford, DE 19963 (302) 424-5050

	V-34E – Signal and Lighting – Control Cabinet GPS Time Reference ADOT Specifications: 734 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-34E		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	RTC Manufacturing, Inc. P. O. Box 150189 Arlington TX 76015 (800) 782-8721
V-34E		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	Symmetricom 2300 Orchard Parkway San Jose CA 95131 (408) 433-0910

	V-34F – Signal and Lighting – Control Cabinet NEMA “D” Connector Panel ADOT Specifications: 734 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-34F		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	Econolite Control Products 3360 East La Palma Avenue Anaheim CA 92806-0150 (714) 630-3700
V-34F		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	SIEMENS ITS/EAGLE 8004 Cameron Rd. Austin TX 78753 (512) 837-8310

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV

V-35A – Signal and Lighting – Detector Loop Sealant (hot pour)
ADOT Specifications: 735
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-35A	95020	Bondo-#575		6/03	6/08	Bondo Corporation 3700 Atlanta Industrial Parkway Atlanta GA 30331 (800) 421-2663
V-35A		CRF		9/06	9/11	Golden Bear Division, Witco Chemical Corp. 10100 Santa Monica Blvd., Suite 1470 Los Angeles CA 90067 (213) 277-4511
V-35A	06058	Duraloop		9/06	9/11	Duraloop 11360 NW Dove Ave Terrebonne OR 97760 (541) 548-8611
V-35A		Hot Applied Rubberized Sealant #34271		4/08	4/13	Crafco, Inc. 420 N. Roosevelt Ave. Chandler AZ 85226 (800) 528-8242 (480) 961-0513 – Fax
V-35A		Loop Sealant #5000		9/06	9/11	3M Corp. – Traffic Control Materials Div. 3M Center Bldg. 223-3N-01 St. Paul MN 55144-1000 (800) 553-1380
V-35A	92-60	Sealex Loop Sealant	Traffic loop detector sealant	1/06	1/11	W.R. Meadows of Arizona, Inc. 4220 South Sarival Ave. Goodyear AZ 85338 (623) 932-9383 (623) 932-1547 – Fax http://www.wrmeadows.com/

V-35B – Signal and Lighting – Emulsified Sealant (cold pour)
ADOT Specifications: 735
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-35B	04007	Inductive Cold Pour Loop Sealant	Asphalt emulsion based crack filler with filler to seal saw cuts in asphalt or concrete pavements.	10/04	10/09	Brewer Cote of Arizona 5226 W. Missouri Ave. Glendale AZ 85301 (623) 931-3728 http://www.brewercoteaz.com/
V-35B	93-05	TA-500	Cold pour, single component, flexible, adheres to concrete and asphalt pavements.	4/08	4/13	Tri-American, Inc. 980 Ames Ave. Milpitas CA 95035 (800) 782-6543

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
ADOT Specifications: 732
ADOT Drawings: None
Responsible Section: Traffic Group

ANY PURPLE PRIMER FOR PVC PIPE

V-36B – Signal and Lighting – Grey Cement For Electrical Conduit, PVC
ADOT Specifications: 732
ADOT Drawings: None
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	06059	All applicable products	Field Verification for Spec. and Std. & Shop Drawings	9/06	9/11	Ameron 1130 A West Marine View Dr. Everett WA 98201 (425) 258-2616
V-37	06060	All applicable products	Field Verification for Spec. and Std. & Shop Drawings	9/06	9/11	Cem-Tec 3745 South 7th Avenue Phoenix AZ 85041 (602) 268-8895
V-37	06061	All applicable products	Field Verification for Spec. and Std. & Shop Drawings	9/06	9/11	Custom Bolt 3403 S 1st Ave Phoenix AZ 85041 (602) 268-1431

V-37		All applicable products	Field Verification for Spec. and Std. & Shop Drawings	9/06	9/11	Hapco 26252 Hillman Highway Abingdon VA 24210 (800) 368-7171
V-37	06062	All applicable products	Field Verification for Spec. and Std. & Shop Drawings	9/06	9/11	Union Metal Corporation 1432 Maple Ave., NE PO Box 9920 Canton OH 44705 (330) 456-7653
V-37	06092	All applicable products	Field Verification for Spec. and Std. & Shop Drawings	9/06	9/11	Valmont P.O. Box 358 7002 N. 288th St. Valley NE 68064-0358 (877) 467-4763

	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		All applicable products		9/06	9/11	General Electric – Lighting Systems Dept. Spartanburg Highway Hendersonville NC 28792 (800) 437-8625
V-40	08044	Model 1060	Portables only	3/10	3/15	Stratus Products 1320 South University Drive, Suite 701 Fort Worth TX 76107 (817) 878-3108
V-40	07115	All applicable products		9/06	9/11	Holophane, Manville P.O. Box 3004 Newark OH 43058-3004 (740) 345-9631
V-40	06012	Area/Roadway High Mast Lighting Lowering Devices		1/07	1/12	Holophane Lighting 214 Oakwood Avenue Newark OH 43058 (623) 465-9135 (623) 465-9145-Fax

	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		All High Pressure Sodium Lamps		9/06	9/11	General Electric – Lighting Systems Dept. Spartanburg Highway Hendersonville NC 28792 (800) 437-8625

V-41	06063	All High Pressure Sodium Lamps		9/06	9/11	Philips Electronics North America Corporation 1251 Avenue of the Americas New York NY 10020 (212) 536-0500
V-41	03094	All High Pressure Sodium Lamps		6/06	6/11	Superior Lamp, Inc. 800 3F Greentree Commons Marlton NJ 08053 (928) 446-2167 (928) 344-5021 - Fax
V-41		All High Pressure Sodium Lamps		9/06	9/11	Sylvania 100 Endicott Street Danvers MA 01923
V-41	06064	All High Pressure Sodium Lamps		9/06	9/11	Thomas & Betts Corporation 8155 T&B Boulevard Memphis TN 38125 (901) 252-8000
V-41	09080	LU100I/EN #59696		11/10	11/15	EYE Lighting International 9150 Hendricks Rd. Mentor OH 44060 (303) 501-0494
V-41	09081	LU150/55/I/EN #59707		11/10	11/15	EYE Lighting International 9150 Hendricks Rd. Mentor OH 44060 (303) 501-0494
V-41	09082	LU250/I/EN #60012		11/10	11/15	EYE Lighting International 9150 Hendricks Rd. Mentor OH 44060 (303) 501-0494
V-41	09083	LU400/I/EN #60110		11/10	11/15	EYE Lighting International 9150 Hendricks Rd. Mentor OH 44060 (303) 501-0494

	V-42 – Signal and Lighting – Lamps – Traffic Signal ADOT Specifications: 733 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-42	02051	Aero Tech Traffic Signal Lamps		9/09	9/14	Aero-Tech Light Bulb Co. 534 Pratt Avenue Schaumburg IL 60193 (847) 352-4900 (847) 352 4999 – Fax
V-42		All applicable products		9/06	9/11	Durotest 12401 McNulty Road, Suite # 101 Philadelphia, PA 19154 1-800-289-3876
V-42		All applicable products		9/06	9/11	Sylvania 100 Endicott Street Danvers MA 01923

V-42	01030	Omega Traffic Signal Lamp		9/09	9/14	Litetronics Int./National Direct Lighting 4101 West 123rd Street Alsip IL 60803 (800) 521-2981 (708) 371-0627 – Fax

	V-43 – Signal and Lighting – Load Center Cabinet ADOT Specifications: 736 ADOT Drawings: T.S. 3-1 through 3-7 Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-43		All applicable products		9/06	9/11	R & R Electrical 2049 W. Highway Drive Tucson AZ 85705 (520) 887-7630
V-43		All applicable products		9/06	9/11	Sun Valley 1334 N. 21st Ave. Phoenix AZ 85009 (602) 258-6448

	V-44 – Signal and Lighting – Loop Detector Amplifier ADOT Specifications: 734 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-44		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	3M Corp. – Traffic Control Materials Div. 3M Center Bldg. 223-3N-01 St. Paul MN 55144-1000 (800) 553-1380
V-44		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	Detector Systems 11650 Seaboard Circle Stanton CA 90680 (800) 828-7775

V-44		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	U.S. Traffic Corp. 9603 John St. Santa Fe CA 90670 (800) 733-7872
V-44		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		9/06	9/11	Peek Traffic, Inc. 1500 N. Washington Blvd. Sarasota FL 34236 (800) 245-7660
V-44	08069	Naztec model 724 Four Channel Loop Detector Amplifier		9/10	9/15	Naztec P.O. Box 765 Sugarland TX 77487-0765 (281) 240-7233 (281) 240-7238
V-44	08078	Naztec Model 722 Dual Channel Loop Detector Amplifier		9/10	9/15	Naztec P.O. Box 765 Sugarland TX 77487-0765 (281) 240-7233 (281) 240-7238

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

	V-50 – Signal and Lighting – Luminaire – High Mast (Cutoff) ADOT Specifications: Special Provisions ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-50		All applicable products		9/06	9/11	General Electric – Lighting Systems Dept. Spartanburg Highway Hendersonville NC 28792 (800) 437-8625
V-50	07112	All applicable products		9/06	9/11	Holophane, Manville P.O. Box 3004 Newark OH 43058-3004 (740) 345-9631
V-50	06013	Area/Roadway High Mast Lighting Luminaires (Cut-off)		1/07	1/12	Holophane Lighting 214 Oakwood Avenue Newark OH 43058 (623) 465-9135 (623) 465-9145-Fax

V-51 – Signal and Lighting – Luminaire – Horizontal Mount (Cutoff)
ADOT Specifications: 736
ADOT Drawings: None
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 One Lithonia Way Conyers GA 30012 (770) 922-9000
V-51		M400A2 Cutoff		9/06	9/11	General Electric – Lighting Systems Dept. 1750 Howe Ave., Suite 220 Sacramento CA 95825 (916) 923-6003
V-51		RL-400 Cutoff		1/06	1/11	Hubbell 2000 Electric Way Christiansburg VA 24073 (703) 382-6111
V-51	02150 02151	Roadway 325	Approved for 250w and 400w	4/06	4/11	American Electric Lighting 1335 Industrial Boulevard Conyer GA 30012 (623) 465-9135

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		9/06	9/11	Holophane, Manville P.O. Box 3004 Newark OH 43058-3004 (740) 345-9631

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	9/06	9/11	Ameron 1130 A West Marine View Dr. Everett WA 98201 (425) 258-2616
V-52A	06066	All applicable products	Field Verification for Spec. and Std. & Shop Drawings	9/06	9/11	Cem-Tec 3745 South 7th Avenue Phoenix AZ 85041 (602) 268-8895

V-52A	06067	All applicable products	Field Verification for Spec. and Std. & Shop Drawings	9/06	9/11	Custom Bolt 3403 S 1st Ave Phoenix AZ 85041 (602) 268-1431
V-52A		All applicable products	Field Verification for Spec. and Std. & Shop Drawings	9/06	9/11	Hapco 26252 Hillman Highway Abingdon VA 24210 (800) 368-7171
V-52A	06068	All applicable products	Field Verification for Spec. and Std. & Shop Drawings	9/06	9/11	Union Metal Corporation 1432 Maple Ave., NE PO Box 9920 Canton OH 44705 (330) 456-7653
V-52A	06094	All applicable products	Field Verification for Spec. and Std. & Shop Drawings	9/06	9/11	Valmont P.O. Box 358 7002 N. 288th St. Valley NE 68064-0358 (877) 467-4763

	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		9/06	9/11	Milbank Milbank Manufacturing Co. PO Box 419028 Kansas City MO 64141-6028 (877) 483-5314
V-54	06070	MEUG16-100		9/06	9/11	Myers Power Products, Inc. 725 E. Harrison St. Corona CA 92879 (951) 520-1900

V-54	06071	USP16-M2100-112CTB		9/06	9/11	Pacific Utility Products 2430 Railroad St. Corona CA 92880 (800) 860-6157
V-54	06072	28-105 Low Profile		9/06	9/11	Tesco Controls, Inc. 3409 52nd Ave. Sacramento CA, 95823-9012 (916) 395-8800
V-54	10022	ECP111B11		9/10	9/15	Eaton Corporation 1000 Cherrington Parkway Moon Township PA 15108 (574) 514-1954 (412) 893-2108 - Fax
V-54	09032	CSP-116-10K	Strong Box Model	9/10	9/15	V.I.T. Products 2063 Wineridge Place Escondido CA 92029 (760) 480-6702 (760) 480-0211 - Fax

	V-54A – Signal and Lighting – Uninterrupted Power Supply 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-54A	06093	All applicable products		9/06	9/11	Alpha Technologies, Inc. 3767 Alpha Way Bellingham WA 98226 (360) 647-2360
V-54A	06073	All applicable products		9/06	9/11	Myers Power Products, Inc. 725 E. Harrison St. Corona CA 92879 (951) 520-1900
V-54A	06074	All applicable products		9/06	9/11	Tesco Controls, Inc. 3409 52nd Ave. Sacramento CA, 95823-9012 (916) 395-8800

	V-55A – Signal and Lighting – ADA Compliant Pedestrian Push Button ADOT Specifications: None ADOT Drawings: T.S. 11-1 through 11-4 Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

V-55A		All applicable products		9/06	9/11	Econolite Control Products 3360 East La Palma Ave. Anaheim CA 92806-0150 (714) 630-3700
V-55A	06075	All applicable products		9/06	9/11	McCain Traffic Supply 2365 Oakridge Way Vista CA 92081 (760) 497-1158
V-55A		All applicable products		9/06	9/11	Peek Traffic, Inc. 1500 N. Washington Blvd. Sarasota FL 34236 1-800-245-7660
V-55A	06076	All applicable products		9/06	9/11	SIEMENS ITS/EAGLE 8004 Cameron Rd. Austin TX 78753 (512) 837-8310

	V-55B – Signal and Lighting – Traffic Signal Poles and Mast arms (including Pedestrian Post) 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-55B	06077	All applicable products		9/06	9/11	Ameron 1130 A West Marine View Dr. Everett WA 98201 (425) 258-2616
V-55B	06078	All applicable products		9/06	9/11	Cem-Tec 3745 South 7th Ave. Phoenix AZ 85041 (602) 268-8895
V-55B	06079	All applicable products		9/06	9/11	McCain Traffic Supply 2365 Oakridge Way Vista CA 92081 (760) 497-1158
V-55B	05056 07098	All applicable products		4/06	4/11	Millerbernd Manufacturing Company 622 6th St. South Winsted MN 55395 (320) 485-2111 (320) 485-4420-Fax
V-55B	06080	All applicable products		9/06	9/11	Union Metal Corporation 1432 Maple Ave., NE PO Box 9920 Canton OH 44705 (330) 456-7653

V-55B	06095	All applicable products		9/06	9/11	Valmont P.O. Box 358 7002 N. 288th St. Valley NE 68064-0358 (877) 467-4763

	V-55C – Signal and Lighting – Traffic Light Poles and Mast arms (Steel) 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-55C	06081	All applicable products		9/06	9/11	Ameron 1130 A West Marine View Dr. Everett WA 98201 (425) 258-2616
V-55C	06082	All applicable products		9/06	9/11	Cem-Tec 3745 South 7th Avenue Phoenix AZ 85041 (602) 268-8895
V-55C	05056 07098	All applicable products		4/06	4/11	Millerbernd Manufacturing Company 622 6th St. South Winsted MN 55395 (320) 485-2111 (320) 485-4420-Fax
V-55C	06083	All applicable products		9/06	9/11	Union Metal Corporation 1432 Maple Ave., NE PO Box 9920 Canton OH 44705 (330) 456-7653
V-55C	06096	All applicable products		9/06	9/11	Valmont P.O. Box 358 7002 N. 288th St. Valley NE 68064-0358 (877) 467-4763

	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		All applicable products		9/06	9/11	Hapco 26252 Hillman Highway Abingdon VA 24210 (800) 368-7171
V-55D	06097	All applicable products		9/06	9/11	Valmont P.O. Box 358 7002 N. 288th St. Valley NE 68064-0358 (877) 467-4763

	V-56 – Signal and Lighting – Ped Signal Face ADOT Specifications: 733-2.02 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-56		4094D Neon		2/04	2/09	U.S. Traffic Corp. 4025 E. La Palma Ave., Suite 101 Anaheim CA 92807 (800) 733-7872 (562) 923-7555 – Fax www.peektraffic.com
V56	09063	TP12H-HM TP12B-EH TP12B-WM	12 inch full hand/man overlay (HM); full man (WM); full hand (EH) LED pedestrian indication.	3/10	3/15	Leotek 1330 Memorex Dr. Santa Clara CA 95050 (888) 806-1188 www.leotek.com
V-56	09064	TSL-PED-16-DIL TSL-PED-CIL-9	16 inch incandescent look dual pedestrian (DIL); countdown pedestrian (CIL) signal	3/10	3/15	Leotek 1330 Memorex Dr. Santa Clara CA 95050 (888) 806-1188 www.leotek.com
V-56	07010	Pedestrian Signal		6/08	6/13	General Traffic Equipment 259 Broadway Newburgh NY 12550 (845) 569-9000 (845) 863-0289 – Fax
V-56	07030	TRP-C45DG-W2 (16-inch by 18-inch pedestrian combo signal)		9/08	9/13	Excellence Opto, Inc. 1400 W. Lambert Rd., Suite B Brea CA 92821 www.eoi-us.com

	V-57 – Signal and Lighting – Photo Electric Controls ADOT Specifications: 736-2.01D ADOT Drawings: T.S. 15-5 Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

V-57		7790B-SSS		10/00	10/14	FP Outdoor Lighting Controls / Sunrise Technologies 54 Commercial St. Raynham MA 02767 (508) 821-1597 (508) 822-0593 – Fax www.fpolc.com
V-57	02149	Photocontrol DP Series		4/06	4/11	American Electric Lighting 1335 Industrial Boulevard Conyer GA 30012 (623) 465-9135

	V-58 – Signal and Lighting – Preformed Loop Detectors ADOT Specifications: Special Provisions ADOT Drawings: Plan Detail Sheet Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-58		All applicable products		9/06	9/11	De-Tech Manufacturing, Inc. P.O. Box 4759 Salem OR 97303 (503) 371-0165
V-58		Hydraulic Hose Loop & Homerun		3/03	3/08	Never Fail Loops 10100 SE Main St. Milwaukie OR 97222 (503) 408-9248 (503) 408-1032 – Fax www.neverfail.com
V-58		Polypropylene Loop w/ Hydraulic Hose Homerun		3/03	3/08	Never Fail Loops 10100 SE Main St. Milwaukie OR 97222 (503) 408-9248 (503) 408-1032 – Fax www.neverfail.com
V-58	10032	RENO LOOPS		01/11	01/16	RENO A&E 4655 Aircenter Circle Reno NV 89502 775-826-2020 775-826-9191– Fax www.renoae.com

	V-58A – Signal and Lighting – Video Detection System ADOT Specifications: Special Provisions ADOT Drawings: Plan Detail Sheet Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-58A	06084	All applicable products		9/06	9/11	ITERIS 1515 S. Manchester Ave. Anaheim CA 92802-2907 (714) 774-5000

V-58A	06085	All applicable products		9/06	9/11	Philips Electronics North America Corporation 1251 Avenue of the Americas New York NY 10020 (212) 536-0500
V-58A	06086	All applicable products		9/06	9/11	TRAFICON USA LLC 14520 Avion Parkway, Suite 305 Chantilly VA 20151 (703) 961 9617
V-58A	06098	All applicable products		9/06	9/11	Unitrack Industries 967 E. Masten Circle Milford DE 19963 (302) 424-5050
V-58A	09025	Grid Smart		6/09	6/14	Aldis Corporation 702 S. Illinois Ave., Suite 3101 Oak Ridge TN 37830 (865) 482-2112 http://aldiscorp.com/
V-58A		Rackvision	Only	9/06	9/11	ECONOLITE CONTROL PRODUCTS, INC. 3360 E. La Palma Ave. Anaheim CA 92806 (714) 630-3700

	V-59 – Signal and Lighting – Light Duty (LD) Pull Box/Extension ADOT Specifications: ADOT Drawings: T.S. 1-1 Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-59	10078	A6001946AX12 5/LD A6001640AX12 7/LD	12-inch box. May use 18-inch box or 8-inch extension as needed.	4/11	4/16	Armorcast Products Company 13230 Saticoy Street North Hollywood CA 91605 (818) 982-3600 www.armorcastprod.com
V-59	10043	CDR Series A30132412APT1 5/LD A30173012APT1 7/LD	12-inch box. May use 18-inch box or 8-inch extension as needed.	4/11	4/16	Hubbell Enclosures Inc 3621 Industrial Park Dr. Lenoir City TN 37771 (760) 305-3149 www.hubbell.com
V-59	10071 10074	132412PC Tier 8 5/LD 173012PC Tier 8 7/LD	12-inch box. May use 18-inch box or 8-inch extension as needed.	4/11	4/16	Martin Enterprises 27235 Watson Road Romoland CA 92585 (719) 488-8700 www.martinfrp.com
V-59	10105	FCA132412T-9000 5/LD FCA173012T-90007/HD	12-inch box. May use 18-inch box or 8-inch extension as needed.	4/11	4/16	New Basis 2626 Kansas Ave Riverside CA 92507 (951) 787-0600 www.newbasis.com

V-60 – Signal and Lighting – Heavy Duty (HD) Pull Box/Extension
ADOT Specifications:
ADOT Drawings: T.S. 1-2
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-60	10078	A6001946TAPCX12 5/HD A6001640TAPCX12 7/HD	12-inch box. May use 18-inch box or 8-inch extension as needed.	4/11	4/16	Armorcast Products Company 13230 Saticoy Street North Hollywood CA 91605 (818) 982-3600 www.armorcastprod.com
V-60	10042	Quazite Series PG1324Z578PT1 5/HD PG1730Z703PT1 7/HD	12-inch box. May use 18-inch box or 8-inch extension as needed.	4/11	4/16	Hubbell Enclosures Inc 3621 Industrial Park Dr. Lenoir City TN 37771 (760) 305-3149 www.hubbell.com
V-60	10066 10070	132412PC Tier 22 5/HD 173012PC Tier 22 7/HD	12-inch box. May use 18-inch box or 8-inch extension as needed.	4/11	4/16	Martin Enterprises 27235 Watson Road Romoland CA 92585 (719) 488-8700 www.martinfrp.com
V-60	10105	PCA132412-900025/HD PCA173012-900087/HD	12-inch box. May use 18-inch box or 8-inch extension as needed.	4/11	4/16	New Basis 2626 Kansas Ave Riverside CA 92507 (951) 787-0600 www.newbasis.com

V-61 – Signal and Lighting – Roadway Loop Detector Wire
ADOT Specifications: 732
ADOT Drawings: None
Responsible Section: Traffic Group

ANY CABLE PER INTERNATIONAL MUNICIPAL SIGNAL ASSOCIATION (IMSA) 51-7 SPEC.

V-62 – Signal and Lighting – Sign Lighting Fixtures
ADOT Specifications: 736
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-62		Panel-Vue	Approved for induction fluorescent lighting only.	4/08	4/13	Holophane, Manville P.O. Box 3004 214 Oakwood Ave. Newark OH 43058-3004 (740) 345-9631

V-62		Versaflood II Signliter	Approved for induction fluorescent lighting only.	9/06	9/11	General Electric – Lighting Systems Dept. 1750 Howe Avenue Suite 220 Sacramento CA 95825 (916) 923-6003 (916) 923-9596 – Fax

	V-63 – Signal and Lighting – Structural Supports For Traffic Signals & Highway Lighting ADOT Specifications: 731 ADOT Drawings: T.S. 4-1 through 4-16 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	3/10	3/15	Carolina High Mast, Inc. 700 E. Mcleroy Saginaw TX 76179 (480) 368-9909
V-63		All applicable products		9/06	9/11	Ameron International Pole Products Division 2333 South Yukon St. Tulsa OK 74107 (918) 585-5611 (918) 587-9540 –Fax
V-63		All applicable products		9/06	9/11	Cemtec 3745 S. 7th Ave. Phoenix AZ 85041 (602) 268-8895
V-63		All applicable products		9/06	9/11	Union Metal Corp. 3315 Big Cloud Circle Thousand Oaks CA 91360 (805) 493-1428
V-63		All applicable products		9/06	9/11	Valmont Industries, Inc. Hwy 275 Valley NE 68064 (800) 228-9863
V-63	03034	Aluminum Light Poles Types “G”, “H”, & “I”		1/11	1/16	Hapco Aluminum Pole Products 26252 Hillman Highway Abingdon VA 24210 (800) 368-7171 (540) 628-7707 – Fax
V-63	05056 07098	All applicable products		4/06	4/11	Millerbernd Manufacturing Company 622 6th St. South Winsted MN 55395 (320) 485-2111 (320) 485-4420-Fax

	V-66 – Signal and Lighting – Traffic Signal Face ADOT Specifications: 733 ADOT Drawings: T.S. 8-1 and 8-2 Responsible Section: Traffic Group

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
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-66	07011	12" Aluminum Vehicle Traffic Signal	Approved only with minimum 11 inch visor length	9/08	9/13	General Traffic Equipment, Inc. 259 Broadway Newburgh NY 12550 (845) 569-9000
V-66		All applicable products		9/06	9/11	3M Corp. – Traffic Control Materials Division 3M Center Bldg. 223-3N-01 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/
V-66		All applicable products		9/06	9/11	Econolite Control Products 3360 East La Palma Avenue Anaheim CA 92806-0150 (714) 630-3700 (714) 630-6349 – Fax
V-66	02028	All applicable products		3/11	3/16	McCain, Inc. 2365 Oak Ridge Way Vista CA 92081 (760) 727-8100 (760) 727-8264 – Fax www.mccain-inc.com
V-66		All applicable products		9/06	9/11	Peek Traffic Systems, Inc. 3000 Commonwealth Boulevard Tallahassee FL 32303-3157 (850) 562-2253 (850) 562-4126 – Fax
V-66		All applicable products		9/06	9/11	Trafcon 8280 Western Way Circle Jacksonville FL 32216 (904) 731-4688

	V-66A – Signal and Lighting – LED Signal Module ADOT Specifications: 733 ADOT Drawings: T.S. 9-1 through 9-9 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		01/11	01/16	Excellence Opto, Inc. 1663 West 2nd Street Pomona CA 91766 909-784-3333 909-784-3330 -- Fax www.eoius.com

V-66A	07030	* TRV-R12SG-D2T (12-inch red ball) * TRV-G12SG-D2T (12-inch green ball) * TRA-R12DG-IN (12-inch red arrow) * TRA-Y12DG-IN (12-inch yellow arrow) * TRA-G12DG-IN (12-inch green arrow)				Excellence Opto, Inc. 1400 W. Lambert Rd., Suite B Brea CA 92821 www.eoi-us.com
V-66A	02087 06087	All applicable products		1/11	1/16	Act One 12735 Schabarum Ave. Irwindale CA 91706 (888) 228-6631
V-66A	09060	TSL-12R-LX-IL3-A1 TSL-12Y-LX-IL3-A1-C TSL-12G-LX-IL3-A1	12 inch red/yellow/green incandescent look LED traffic signal lamp	3/10	3/15	Leotek 1330 Memorex Dr. Santa Clara CA 95050 (888) 806-1188 www.leotek.com
V-66A	09062	TSL-12RA-LD-A1 TSL-12YA-LD-A1 TSL-12GA-LD-A1	12 inch red/yellow/green incandescent look LED arrow traffic signal module	3/10	3/15	Leotek 1330 Memorex Dr. Santa Clara CA 95050 (888) 806-1188 www.leotek.com
V-66A	06088	All applicable products		8/09	8/14	Dialight Corp. 1501 Route 34 South Farmingdale NJ 07727 (732) 919-3119 www.dialight.com
V-66A	06089	All applicable products		9/06	9/09	GELcore 6180 Halle Dr. Valley View OH 44125-4635 (216) 606-6555

	V-67 – Signal and Lighting – Traffic Signal Mounting Assemblies ADOT Specifications: 733 ADOT Drawings: T.S. 9-1 through 9-9 Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-67		All applicable products		9/06	9/11	Econolite Control Products 3360 East La Palma Avenue Anaheim CA 92806-0150 (714) 630-3700 (714) 630-6349 – Fax
V-67		All applicable products		9/06	9/11	Peek Traffic Systems, Inc. 3000 Commonwealth Boulevard Tallahassee FL 32303-3157 (850) 562-2253 (850) 562-4126 – Fax

V-67		All applicable products		9/06	9/11	Trafcon 8280 Western Way Circle Jacksonville FL 32216 (904) 731-4688
V-67	02050	Traffic Signal Frame Work		9/06	9/11	McCain Traffic Supply 2575 Pioneer Avenue Vista CA 92083 (760) 497-1158 (760) 727-8184 – Fax

	V-68 – Signal and Lighting – Underdeck Lighting ADOT Specifications: Special Provisions ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-68		Versaflood II Wallighter		9/06	9/11	General Electric – Lighting Systems Dept. 1750 Howe Ave. Suite 220 Sacramento CA 95825 (916) 923-6003 (916) 923-9596 – Fax
V-68		Wallpack IV Module 600		4/08	4/13	Holophane, Manville P.O. Box 3004 214 Oakwood Ave. Newark OH 43058-3004 (740) 345-9631

	V-69 – Signing – Breakaway Assembly ADOT Specifications: None ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-69	04042	Break-Out (Flush Mount Post Coupler)		1/06	1/11	Sign Support Systems Corporation PO Box 8041 Greensboro, North Carolina 27419 (866) 549-7706 (336) 674-6690-Fax
V-69	01096	Break-Safe		9/09	9/14	Transpo Industries 20 Jones Street New Rochelle NY 10801 (914) 636-1000 (914) 636-1282 – Fax www.transpo.com
V-69	06009	Kleen Break Model 425		9/08	9/13	Xcessories Squared Dev. & Mfg., Inc. 7350 W. St. Rt. 104 Auburn IL 62615 1-800-621-7948

V-69	06008	Redi-Torque Model 280 Slip Base		12/07	12/12	Xcessories Squared Dev. & Mfg., Inc. 7350 W. St. Rt. 104 Auburn IL 62615 1-800-621-7948
V-69	01098	Slip-Mate		4/08	4/13	Ultimate Highway Products, Inc. 10650 Fern Avenue P.O. Box 7 Stanton CA 90680 (800) 730-4939 (815) 462-9562 - Fax
V-69	06006	S-Q Post Square Slipbase Sign Support System		12/07	12/12	Northwest Pipe Company 6307 Toledo St. Houston TX 77008 (800) 369-5009 (713) 863-4300 x5314
V-69	01097	Triangular, Multi-directional Slip Base		4/07	4/12	Xcessories Squared Dev. & Mfg., Inc. 7350 W. St. Rt. 104 – P.O. Box 135 Auburn IL 62615 (800) 621-7948

	V-69A – Signing – Breakaway Assembly Components ADOT Specifications: None ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-69A	01080	Dent Breakaway Bolt		7/06	7/11	Dent Breakaway Industries P.O. Box 6007 Farmington New Mexico 87499 (505) 486-0476 Fax (423) 383-0681
V-69A	06009	Kleen Break Model 425		9/08	9/13	Xcessories Squared Dev. & Mfg., Inc. 7350 W. St. Rt. 104 Auburn IL 62615 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		Telespar		1/11	1/16	Allied Tube & conduit 16100 S. Lathrop Ave Harvey IL 60426 (800) 882-5543

	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**
V-73	01001	Perforated Steel Square Tubing	Breakaway sign supports for small signs.	5/08	5/13	Allied Tube & conduit 16100 S. Lathrop Ave Harvey IL 60426 (800) 882-5543
V-73	02012	S-Square System		11/06	11/11	S-Square Tube Products 22275 W Midway Blvd, Unit C Bloomfield CO 80022 (303) 286-7051
V-73	98-03	Ulti-Mate Sign Support System	System (12 gage) perforated sign post 12 gage	1/11	1/16	Ultimate Highway Products, Inc. 10650 Fern Avenue P.O. Box 7 Stanton CA 90680 (800) 730-4939 (815) 462-9562 - Fax
V-73		Telespar		1/11	1/16	Allied Tube & conduit 16100 S. Lathrop Ave Harvey IL 60426 (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".	9/10	9/15	Northwest Pipe Company 6307 Toledo Street Houston TX 77008 (800) 369-5009

	V-74 – Signing – Reflective Sheeting – Fluorescent Orange Prismatic ADOT Specifications: 608, AASHTO M268-93 ADOT Drawings: None 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 3M Center Bldg 225-55-08 St. Paul Minnesota 55144-1000 (480)221.5407 (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 3M Center Bldg. 225-5S-08 P.O. Box 33225 St. Paul MN 55133-3225 (480) 705-5290 (480-705-5291 – Fax

V-74	03029	Crystal Grade Prismatic Retroreflective Sheeting 92000 Series – 92847 – Fluorescent Orange		9/09	9/14	Nippon Carbide Industries (USA) Inc. 12981 E. Florence Ave. Santa Fe Springs CA 90670 (562) 777-1810 (562) 777-1811– Fax
V-74	03030	T-7000 FL MVP – W – 7514 – Fluorescent Orange		5/08	5/13	Avery Dennison Reflective Products Division 7542 N. Natchez Avenue Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax http://www.reflectives.averydennison.com/avery_index.html
V-74	01067 03031	T-7000 FL MVP – Prismatic Grade (T-7500 Series) – Fluorescent Orange		5/08	5/13	Avery Dennison Reflective Products Division 7542 N. Natchez Avenue Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax http://www.reflectives.averydennison.com/avery_index.html
V-74	05052	Omni-View (T-9500) Series Retroreflective Sheeting – Fluorescent Orange		3/08	3/13	Avery Dennison Reflective Products Division 6565 W. Howard St. Niles IL 60714 (800) 327-5917 (847) 647-7717 (847) 647-1205 – Fax http://www.reflectives.averydennison.com/avery_index.html
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 3M Center Bldg. 225-5S-08 P.O. Box 33225 St. Paul MN 55133-3225 (480) 705-5290 (480-705-5291 – Fax

	V-75 – Signing – Reflective Sheeting – Prismatic (ASTM 4956 Type IX) ADOT Specifications: AASHTO M268-93 ADOT Drawings: None 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 3M Center Bldg 225-55-08 St. Paul Minnesota 55144-1000 (480)221.5407 (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 3M Center Bldg. 225-5S-08 P.O. Box 33225 St. Paul MN 55133-3225 (480) 705-5290 (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 3M Center Bldg 225-55-08 St. Paul Minnesota 55144-1000 (480)221.5407 (480)705.5291-fax
V-75	09022	Nikkalite CRG 95000		9/09	9/14	Nippon Carbide Industries, Inc. 12981 E. Florence Ave. Santa Fe Springs CA 90670 (800) 821-4264 ext. 28 (888) 330-7119 – Fax http://www.nikkalite.com/
V-75	05052	Omni-View (T-9500) Series Retroreflective Sheeting		3/08	3/13	Avery Dennison Reflective Products Division 6565 W. Howard St. Niles IL 60714 (800) 327-5917 (847) 647-7717 (847) 647-1205 – Fax http://www.reflectives.averydennison.com/

	V-75P – Signing – Reflective Sheeting – Premium Prismatic ADOT Specifications: AASHTO M268-93 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-75P	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 3M Center Bldg 225-55-08 St. Paul Minnesota 55144-1000 (480)221.5407 (480)705.5291-fax

	V-76M – Delineators – Reflective Sheeting (Prismatic) ADOT Specifications: Per Special Provision, New Specifications are under development ADOT Drawings: T.S. Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-76M		AP-1000 or AR-1000	For use on any shaped surface.	5/08	5/13	Reflexite Americas 315 South Street New Britain CT 06051 (800) 654-7570 (860) 892-0851 – Fax
V-76M		Diamond Grade-Visual Impact-Performance (VIP)	For use on flat to semi-flat surfaces only.	5/11	5/16	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/US/

V-76M		Series 4500	For use on flat to semi-flat surfaces only.	5/08	5/13	Avery Dennison Reflective Products Division 7542 N. Natchez Avenue Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax
V-76M	01036	WR-6100	Reboundable high intensity prismatic retroreflective sheeting for channelizers and delineators in work zones.	5/08	5/13	Avery Dennison Reflective Products Division 7542 N. Natchez Avenue Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax

	V-77M – Signing – Reflective Sheeting – Type VI (Roll-up Grade 1) ADOT Specifications: AASHTO M268-93 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-77M		Diamond Grade RS 24		6/07	6/12	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/
V-77M		Reflexite Marathon		6/07	6/12	Reflexite Americas 315 South Street New Britain CT 06051 (800) 654-7570 (860) 892-0851 – Fax
V-77M		Reflexite Roll-up Sign Sheeting	Individual roll-up sign fabricated from this material will be examined individually via the PRIDE program.	6/07	6/12	Reflexite Americas 315 South Street New Britain CT 06051 (800) 654-7570 (860) 892-0851 – Fax

	V-77N – Signing – Reflective Sheeting – Type VI (Roll-up Grade 2) ADOT Specifications: AASHTO M268- 93 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-77N	02026	Nikkalite Crystal Grade 92802		11/04	11/09	Nippon Carbine Industries, USA 3136 E. Victoria St. Rancho Dominguez CA 90221 (800) 821-4284

V-77N		Reflexite Super Brite		6/07	6/12	Reflexite Americas 315 South Street New Britain CT 06051 (800) 654-7570 (860) 892-0851 – Fax
V-77N		Series RS 30		6/07	6/12	3M Traffic Safety Systems Division 3M Center Bldg. 225-5S-08 St. Paul MN 55144-1000 (800) 553-1380 http://www.3m.com/

	V-78 – Signing – Sign Panels ADOT Specifications: 608 ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

	V-78M – Signing – Aluminum Flat Sign Mounting Hardware ADOT Specifications: None ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-78M	93123	Signfix System	Not to be used with 3M VHB tape.	11/05	11/10	BAND-IT – IDEX, Inc. 4799 Dahlia Street Denver CO 80216 (800) 525-0758 (303) 320-4555 (303) 333-6549 – Fax http://www.band-it-idex.com

	V-79A – Signing – 1 foot to 1 foot 10 inches Sign Mounting Height Sign Stand ADOT Specifications: ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-79A	02070	Aluminum Buster or Little Buster (48" legs)		5/08	5/13	TrafFix Devices, Inc. 160 Avenida La Pata San Clemente CA 92673 (949) 361-5663 (949) 361-9205 – Fax www.traffixdevices.com

V-79A	02069	SS548 / SS548A		4/08	4/13	Korman Signs, Inc. 3029 Lincoln Ave. Richmond VA 23228-4295 (804) 262-6050 (804) 261-1040 – Fax www.kormansigns.com
V-79A	07017	SZ-4 12/2S "Big Dog" Dual Spring Sign Stand		9/08	9/13	Bone Safety Signs 2151 NW Parkway, Suite 100 Marietta GA 30067 1-800-873-2399 www.bonesafety.com

	V-79B – Signing – 5 Foot Sign Mounting Sign Stand ADOT Specifications: ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-79B	02073	Big Buster		5/08	5/13	TrafFix Devices, Inc. 160 Avenida La Pata San Clemente CA 92673 (949) 361-5663 (949) 361-9205 – Fax www.traffixdevices.com
V-79B	02074	SS560 / SS560A		4/08	4/13	Korman Signs, Inc. 3029 Lincoln Ave. Richmond VA 23228-4295 (804) 262-6050 (804) 261-1040 – Fax www.kormansigns.com

	V-79C – Signing – Roll-Up Sign Mounting Bracket for Telescoping Sign Mast Stan ADOT Specifications: ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

	V-79D – Signing – Portable Roll-Up Sign Stand – Rigid Mast Sign Stand – Sign Mounting Height 1' minimum (FHWA NCHRP-350 Crash Certified) ADOT Specifications: ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-79D	02106	Model SS548UCRA Sign Stand		5/05	5/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228

V-79D	02105	Model SS548UCRA Sign Stand		5/05	5/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228
V-79D	02103	Model SS560UCA Sign Stand		5/05	5/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228
V-79D	02102	Model SS570UC Sign Stand		5/05	5/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228
V-79D	02101	Model SS560UC Sign Stand		5/05	5/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228

	V-79E – Signing – Portable Roll-Up Sign Stand – Spring Mast Sign Stand -Sign Mounting Height 1' minimum (FHWA NCHRP-350 Crash Certified) ADOT Specifications: ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
V-79E	02135	SS548CA Sign Stand		5/05	5/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228
V-79E	02134	S548C Portable WorkZone Sign Stand		5/05	5/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228
V-79E	02104	Model SS548UC Sign Stand		5/05	5/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228

	V-79F – Signing – Portable Roll-Up Sign Stand – Spring with Telescoping Mast Sign Stand – Sign Mounting Height Range 1' to 5' minimum (FHWA NCHRP-350 Crash Certified) ADOT Specifications: ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

	V-79G – Signing – Portable Sign Stand – Tripod – Sign Mounting Height 1' Minimum (FHWA NCRHP-350 Crash Certified) ADOT Specifications: ADOT Drawings: None Responsible Section: Traffic Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
IF YOU HAVE ANY QUESTIONS PLEASE CALL 602-712-6430 OR EMAIL: APL@AZDOT.GOV

Category: W – Waterproofing Membranes and Materials

	W-1 – Regular ADOT Specifications: 907 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

Category: X – Miscellaneous

	X-2 – Desert Varnishes ADOT Specifications: None ADOT Drawings: None Responsible Section: Roadside Development					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

	X-3 – Irrigation - Backflow Assembly ADOT Specifications: None ADOT Drawings: None Responsible Section: Roadside Development Section					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
X-3		Pressure switch gauge: DAW-33-2-7	Bourdon tube pressure switch.	1/11	1/16	Mercoid Controls 102 Indiana Highway 212 P.O. Box 373 Michigan City IN 46361 (219) 879-8000 www.mercoid.com
X-3		Hose bib: HB-2M		2/01	2/06	Champion-Arrowhead, LLC 5147 Alhambra Ave. Los Angeles CA 90032 (323) 221-9137 (323) 221-2579 – Fax http://www.championirrigation.com/
X-3		Inverted garden valve: Model I-401		2/01	2/06	Champion-Arrowhead, LLC 5147 Alhambra Ave. Los Angeles CA 90032 (323) 221-9137 (323) 221-2579 – Fax http://www.championirrigation.com/

X-3		Fertilizer injector: Series 'SD' ratio feeder		9/09	9/14	H.E. Anderson 2100 Anderson Drive P.O. Box 1006 Muskogee OK 74402-1006 (800) 331-9620 (918) 682-3342 – Fax http://www.heanderson.com
X-3		Conductor	Sizes as needed.	9/09	9/14	Southwire Company One Southwire Dr. Carrollton GA 30119 (770) 832-4626 (770) 832-5047 – Fax www.southwire.com

	X-4 – Irrigation - Flow Meter ADOT Specifications: None ADOT Drawings: None Responsible Section: Roadside Development Section					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**

	X-5 – Irrigation - Emitter Assembly ADOT Specifications: None ADOT Drawings: None Responsible Section: Roadside Development Section					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
X-5		Emitter-Single: Bowsmith NonStop model #'s SL206, SL210, or SL220		9/09	9/14	Bowsmith, Inc. P.O. Box 428 Exeter CA 93221 (559) 592-9485 (559) 592-2314 – Fax www.bowsmith.com
X-5		Emitter – Multi: Bowsmith NonStop model #'s ML206, ML210, or ML220		9/09	9/14	Bowsmith, Inc. P.O. Box 428 Exeter CA 93221 (559) 592-9485 (559) 592-2314 – Fax www.bowsmith.com
X-5		Threaded adapter: Model #3120 1/2" MPT x .350" tubing adapter		9/09	9/14	Bowsmith, Inc. P.O. Box 428 Exeter CA 93221 (559) 592-9485 (559) 592-2314 – Fax www.bowsmith.com

	X-6 – Irrigation - Pressure Regulator Riser ADOT Specifications: None ADOT Drawings: None Responsible Section: Roadside Development Section

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
X-6		Pre-set pressure regulator: Model DG5025-4		5/08	5/13	Hendrickson Bros. 2931 Rimpau Avenue Corona CA 92881-3625 (909) 737-6822 (909) 737-9151 – Fax
X-6		Valve box: Series 12		10/96	9/01	Brooks Products 10220 Fourth St. Cucamonga CA 91730 (714) 987-8966

X-7 – Irrigation - Computerized Control system (ADOT)
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Roadside Development Section

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
X-7		Field satellite: Model MIR 5000i or MIR 5000s		5/11	5/16	Motorola, Inc. 3332 E. Broadway Rd. Phoenix AZ 85040 (602) 271-7800
X-7		Enclosure: Model La-Max 48H x 36W x 18D		4/08	4/13	Cross Brothers 5255 Sheila Street Los Angeles CA 90040-3990 (323) 266-2000
X-7		Antenna: Model RRA-4908A	806-866 MHz antenna and cable kit	5/11	5/16	Motorola Inc. 3332 E. Broadway Rd. Phoenix AZ 85040 (602) 271-7800
X-7		Directional antenna: Model D25TSA	806-825 MHz antenna	5/11	5/16	Motorola Inc. 3332 E. Broadway Rd. Phoenix AZ 85040 (602) 271-7800

X-8 – Irrigation - Automatic Controller (City)
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Roadside Development Section

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
X-8		Controller: Irritrol MC-E		5/08	5/13	The Toro Company Attn: Paul Tammelleo 5825 Jasmine Street Riverside CA 92504 (602) 315-3637

X-9 – Irrigation - Remote Control Valve
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Roadside Development Section

****RECERTIFICATION DATES FOR ALL EXPIRED PRODUCTS HAVE BEEN EXTENDED UNTIL DECEMBER 31, 2011.****
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
X-9		Remote control valve: Rain Bird PEB series		10/96	9/13	Rain Bird Corp. 6991 E. Southpoint Rd. Tucson AZ 85706 (520) 741-6100 (520) 741-6522 – Fax www.rainbird.com
X-9		Remote control valve: Irritrol 100P series		5/08	5/13	The Toro Company Attn: Paul Tammelleo 5825 Jasmine Street Riverside CA 92504 (602) 315-3637
X-9		Valve box: Model 1320		10/96	9/01	Brooks Products Inc. 10220 Fourth St. Cucamonga CA 91730 (714) 987-8966
X-9		Pressure gauge: Model PHG	Pressure Hose Gauge	10/96	9/13	Rain Bird Corp. 6991 E. Southpoint Rd. Tucson AZ 85706 (520) 741-6100 (520) 741-6522 – Fax www.rainbird.com

X-10 – Irrigation - Manual Valves
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Roadside Development Section

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
X-10		Manual valve: Series 200		2/01	2/06	Champion-Arrowhead, LLC 5147 Alhambra Ave. Los Angeles CA 90032 (323) 221-9137 (323) 221-2579 – Fax http://www.championirrigation.com/

X-11 – Irrigation - PVC Polyvinyl chloride pipe
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Roadside Development Section

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
X-11		Polyvinyl chloride (PVC)	Sizes as submitted	4/08	4/13	Cresline-West, Inc. 3747 W. Buckeye Rd. Phoenix AZ 85009 (602) 269-5161

	X-12 – Lodge Pole ADOT Specifications: None ADOT Drawings: None Responsible Section: Roadside Development Section					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**