APPROVED PRODUCTS LIST

December 2006

Table of Contents

The Arizona Department of Transportation (ADOT) does not have the obligation to use any products listed in the Approved Products List (APL). The APL is simply documented the facts that the listed products have been tested, evaluated, or examined under ADOT standards, and were found acceptable to be used in ADOT projects. Please refer to section 106.14 of the Arizona Department of Transportation Standard Specifications for Road and Bridge Construction, 2000 edition, for more detailed description of APL use. ADOT reserves the rights to update this APL periodically without prior notice. ADOT is not liable for any incidental or consequential damages caused by using the data listed on neither the APL nor the revision of the APL. A current APL can be downloaded from the ADOT web page or obtained from the Arizona Transportation Research Center at 2739 E. Washington St., Mail Drop 075R, Phoenix, Arizona 85034-1422. The APL is maintained by the Arizona Transportation 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 their publication search site: http://www.dcdata.com/trb/trb.htm.

Definitions ..... **v**
Category: A – Adhesives **2**
A-1 Bonding Agent - Bonding Epoxy Mortar to Old Concrete 2
A-2 Bonding Agent - Bonding Old to New Concrete 4
A-3 Bonding Agent - Bonding Old to Old Concrete 6
A-4 Crack-Sealing Injection 11
A-5 Dowel Bonding Adhesive – Cementitious 12
A-6 Dowel Bonding Adhesive – Epoxy 12
Category: B – Aggregates **22**
B-1 Special 22
Category: C - Barriers, Fencing and Roadside Structures **22**
C-1 Proprietary Retaining Walls 22
C-2 Cantilever Walls 24
Category: D - Bituminous Materials and Additives **24**
D-1 Anti-stripping Agent 24
Category: E – Bituminous Rejuvenators & Preservative Materials **25**
E-1 Regular 25
Category: F - Culverts and Drainage Structures **25**
F-1 Catch Basin, Median Dyke 25
F-2 Catch Basins, Median Flush 26
F-5 Cattle Guards 26
F-6 Cattle Guards Foundation 27
F-7 Locking Wire Fasteners 27
F-8 Drainage Pipe Liner - High Density Polyethylene 27
F-9 Non-perforated Drainage Plastic Tubing – Corrugated, Type C, High Density Polyethylene 28
F-10 Non-perforated Drainage Plastic Tubing – Corrugated, Type S, High Density Polyethylene 28
F-11 Non-perforated Drainage Plastic Pipe- Corrugated, Type C, High Density Polyethylene 28
F-12 Non-perforated Drainage Plastic Pipe- Corrugated, Type S, High Density Polyethylene 29
F-13 Perforated Drainage Plastic Tubing – Corrugated, Type C, High Density Polyethylene 31
F-14 Perforated Drainage Plastic Tubing – Corrugated, Type S, High Density Polyethylene 32
F-15 Perforated Drainage Plastic Pipe- Corrugated, Type C, High Density Polyethylene 32
F-16 – Perforated Drainage Plastic Pipe- Corrugated, Type S, High Density Polyethylene 33
F-17 Grated Line Drain. Alternate to Slotted Drain 33
Category: G – De-icing Chemicals **33**
G-1 Regular 33
Category: H - Joint Sealers and Fillers **34**

APPROVED PRODUCTS LIST
December 2006

Table of Contents *(Continued)*

H-1 Backer Rod – Regular 34
H-2 Backer Rod - Wide Joint 34
H-3 Joint Sealant - Hot Pour 34
H-4 Joint Sealant - Silicone for 3/8 Inch Joints 35
H-5 Joint Sealant - Silicone for 1/8 Inch Joints 35
Category: I – Mulch, Erosion Control and Soil Reinforcement 35
I-1 Bank Protection Fabric 35
I-2 Geocomposite Edge Drain System 37
I-3 Geocomposite Wall Drain System 37
I-4 Geogrid 39
I-5 Separation Geotextile Fabric (Low Survivability) 39
I-6 Separation Geotextile Fabric (Moderate Survivability) 40
I-7 Separation Geotextile Fabric (High Survivability) 41
I-8 Separation Geotextile Fabric (Very High Survivability) 43
I-9 Geomembrane – Impervious 44
I-10 Mulch – Wood Cellulose Fibers 44
I-11 Woven Geotextile Silt Fence 44
I-12 Tackefiers 44
I-13 Erosion Control Straw Blankets 45
I-14 Erosion Control Hay Bale / Sand Bag Substitutes 45
Category: J - Patching Materials 45
J-1 Non-shrink grout 45
J-2 Portland Cement Concrete Pavement (PCCP) Patching 49
J-3 Structural Concrete Patching 50
J-4 Structural Repair with Shotcrete, Dry Method 58
Category: K - Portland Cement Concrete Admixtures 59
K-1 Water Reducer - Type A 59
K-2 Retarding - Type B 62
K-3 Accelerating - Type C 63
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 71
K- 8 Air Entraining Admixture 71
K-9 Fiber 73
K-10 Admixture Containing Calcium Chloride, Set Accelerator 74
Category: M - Portland Cement Concrete Finishing Products 74
M-1 Solvent Base 74
M-2 Water Base 74
M-3 Penetrating Crack Sealer 75
Category: N - Reflective Crack Controls 76
N-1 Pavement Fabric 76
Category: O – Rust Passivators 76
O-1 Epoxy Powder Coatings 76
Category: P – Detectable Warning Device 77
P-1 Truncated Domes 77
Category: Q - Soil Sterilization & Weed Control Materials 78
Q-1 Growth Regulator 78
Q-2 Herbicides - Foliar Systemic 78
Q-3 Herbicides - Soil Active 79
Q-4 Seeding, Class 2 -- Tacking Agents 80
Q-5 Seeding, Class 2 -- Tacking Agents, Emulsified Asphalt 81
Category: R - Soil Treatments 81
R-1 Continuous Film Water Retention Products 81
R-2 Soil Amendment 81
Category: S - Structural Materials and Components 82
S-1 Splicer 82
S-2 Bridge Joint System (Comression Seal Joint) 83
S-3 Bridge Joint System (Strip Seal Joint) 83
Category: T - Structural Paints 83
T-2 Water Based 83
Category: U – Testing and Construction Equipment 85
U-1 Capping Compounds 85
U-2 Plastic Cylinder Molds 86
U-3 Reuseable Cylinder Mold 86
U-4 Tools 86
U-5 Slab Jacking 87
Category: V – Traffic Control Materials 87
V-1 Attenuation Device – Impact Attenuators 87
V-2 Attenuation Device – Guardrail End Terminals 89
V-3 Attenuation Device – Sand Barrels 89
V-4A Channelizing Devices – Longitudinal Barriers–Test Level 3 90
V-4B Channelizing Devices – Longitudinal Barriers–Test Level 4 91
V-4C Channelizing Devices – Longitudinal Barriers–Median Barrier Gates 91
V-4D Channelizing Devices – Longitudinal Barriers–Miscellaneous 91
V-6E Channelizing Devices – Flexible Delineators – Surface Mount – Bi-Directional 92
V-6F Channelizing Devices – Flexible Delineators – Surface Mount – Multi-Directional (360 degrees) 93
V-7G Channelizing Devices – Flexible Delineators – Driveable (or Ground Mount) – Bi-Directional, Single Piece 94
V-7H Channelizing Devices – Flexible Delineators – Driveable (or Ground Mount) – Bi-Directional, Two Piece 95
V-7I Channelizing Devices – Flexible Delineators – Driveable (or Ground Mount) – Multi-Directional (360 degrees) 96
V-9 Channelizing Devices – Markers for Concrete Barrier – Hard Plastic Prismatic Reflector Types 96
V-9A Channelizing Devices – Markers for Concrete Barrier and Guardrail – “L-Shape” Semi-Flexible Plastic Types 97
V-9B Channelizing Devices – Markers for Concrete Barrier and Guardrail – “T-Shape” Hinged Types 97

APPROVED PRODUCTS LIST
December 2006

Table of Contents *(Continued)*

V-10A Channelizing Devices – Markers for Guardrail – Single Piece Metal Post Clip Mount Flexible Plastic Types 98
V-10C Channelizing Devices – Markers for Guardrail, Flexible 98
V-10M Channelizing Devices – Snow Pole 99
V-11A [ADOT Procurement Only, See Note (1)] – Channelizing Devices – Traffic Drums – Low Density Polyethylene (LDPE), Type I 99
V-11B [ADOT Procurement Only, See Note (1)] – Channelizing Devices – Traffic Drums – High Density Polyethylene (HDPE), Type I 99
V-11C [ADOT Procurement Only, See Note (1)] – Channelizing Devices – Traffic Drums – Low Density Polyethylene (LDPE), Type II 100
V-11D [ADOT Procurement Only, See Note (1)] – Channelizing Devices – Traffic Drums – High Density Polyethylene (HDPE), Type II 100
V-11E (C&S Projects Only) – Channelizing Devices – Traffic Drums 101
V-12C Channelizing Devices – 18 inch Flow-Molded 5 lb. Cone 102
V-12D Channelizing Devices – 28 inch Flow-Molded 10 lb. Cone, Narrow Body 102
V-12E Channelizing Devices – 28 inch Flow-Molded 10 lb. Cone, Wide Body . 103
V-12F Channelizing Devices – Warning Light, Type A (Flashing) 103
V-12G Channelizing Devices – 36 inch Flow Molded 10 lb. Cone, Wide Body . 103
V-12H Channelizing Devices – Two-Piece Cone with Drop Over Base and Two-Piece Tubular Marker with Drop Over Base 103
V-12S Channelizing Devices – Warning Light, Type C (Steady Burn) 104
V-14A Pavement Marking – Adhesive for Raised Pavement Markers, Bituminous–Standard 104
V-14B Pavement Marking – Adhesive for Raised Pavement Markers, Melt-In-Place Thermoplastic 105
V-14C Pavement Marking – Adhesive for Raised Pavement Markers, Epoxy .. 105
V-14D Pavement Marking – Adhesive for Raised Pavement Markers, Bituminous–Flexible 106
V-16 Pavement Marking – Chip Seal Pavement Markers 106
V-18 Pavement Marking – Non-Reflective Raised Pavement Markers – Type A & AY 107
V-19 Pavement Marking – Preformed Plastic Pavement Marking – Permanent, Hot Applied 107
V-20 Pavement Marking – Preformed Plastic Pavement Marking – Type I (Permanent) 107
V-21 Pavement Marking – Preformed Plastic Pavement Marking – Type II (Temporary, Removable) 109
V-22 Pavement Marking – Preformed Plastic Pavement Marking – Type III (Temporary, Non-Removable) 109
V-23 Pavement Marking – Retroreflective Raised Pavement Markers (RRPM)-Permanent (Abrasion Resistant) 109
V-23M Pavement Marking – Recessed Retroreflective Pavement Markers 111
V-25 Pavement Marking – Dual Component Pavement Markings 112
V-25P Pavement Marking – Profile Pavement Markings 113
V-26 Pavement Marking – Thermoplastic Striping & Markings 113
V-26E Pavement Marking – Thermoplastic Striping & Markings – 30 mil 114
V-27 Traffic Paint – Water-Borne 114
V-29 – Signal And Lighting – Cabinet Mounted Service Enclosure 115
V-30 Signal And Lighting – Cabinet – Surge Protector 115
V-31Y Signal And Lighting – Yielding Bases 115
V-32A Signal And Lighting – Electrical Conduit, PVC Pipe and Fittings 117
V-32B Signal And Lighting – Electrical Conduit, Galvanized Rigid Corrugated (GRC) and Fittings - Intermediate Metalic Conduit (IMC) and Fittings .. 117
V-32C Signal And Lighting – Electrical Conduit, Liquid Tight Galvanized Steel Flexible Conduit PVC Coated (LTFC) and Fittings 117
V-32D Signal And Lighting – High Density Polyethylene Electrical Conduit (HDPE) 117
V-32E Signal And Lighting – Electrical Conductors 118
V-32F Signal And Lighting – Electric Multi Conductor Cable - Loop Detector Lead-In-Cable 118
V-32G Signal And Lighting – Multi Cable Video Detection Cable 118
V-32H Signal And Lighting – Electrical Connectors 118
V-32J Signal And Lighting – In-Line Fuse Connector 118
V-32K Signal And Lighting – Connectors and Power Distribution Block 119
V-34 Signal And Lighting – Traffic Control Cabinet 119
V-34A Signal And Lighting – Traffic Signal Controller Units 120
V-34B Signal And Lighting – Load Switch & Flasher Transfer Relay 121
V-34C Signal And Lighting – Conflict Monitors 121
V-34D Signal And Lighting – Detector Power Supply & Detector Rack and Card 122
V-34E Signal And Lighting – Control Cabinet GPS Time Reference 123
V-34F Signal And Lighting – Control Cabinet NEMA “D” Connector Panel 123
V-35A Signal And Lighting – Detector Loop Sealant 123
V-35B Signal And Lighting – Emulsified Sealant 124
V-36 Signal And Lighting – Electrical Conduit, PVC 124
V-36A Signal And Lighting –Primer For Electrical Conduit, PVC 125
V-36B Signal And Lighting – Grey Cement For Electrical Conduit, PVC 125
V-37 Signal And Lighting – Foundation – Anchor Bolts 125
V-40 Signal And Lighting – High Mast Lighting – Raising And Lowering Device (Top Latching) 125
V-41 Signal And Lighting – Lamps – Luminaire 126
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) 128
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 129
V-54 Signal And Lighting – Electrical Service Pedestal 130
V-54A Signal And Lighting – Uninterrupted Power Supply 130
V-55A Signal And Lighting – ADA Compliant Pedestrian Push Button 130

APPROVED PRODUCTS LIST
December 2006

Table of Contents *(Continued)*

V-55B Signal And Lighting – Traffic Signal Poles and Mast arms (including Pedestrian Post) 131
V-55C Signal And Lighting – Traffic Light Poles and Mast arms (Steel) 131
V-55D Signal And Lighting – Traffic Light Poles and Mast arms (Aluminum)....132
V-56 Signal And Lighting – Ped Signal Face 132
V-57 Signal And Lighting – Photo Electric Controls....133
V-58 Signal And Lighting – Preformed Loop Detectors 133
V-58A Signal And Lighting – Video Detection System....133
V-59 Signal And Lighting – Pull Box/Extension – Concrete....134
V-60 Signal And Lighting – Pull Box/Extension – Polymer Concrete....134
V-61 Signal And Lighting – Roadway Loop Detector Wire 135
V-62 Signal And Lighting – Sign Lighting Fixtures....135
V-63 Signal And Lighting – Structural Supports For Traffic Signals & Highway Lighting 135
V-64 Signal And Lighting – Temporary Traffic Signals – Portable....136
V-66 Signal And Lighting – Traffic Signal Face 136
V-66A Signal And Lighting – LED Signal Modular....137
V-67 Signal And Lighting – Traffic Signal Mounting Assemblies 137
V-68 Signal And Lighting – Underdeck Lighting 138
V-69 Signing – Breakaway Assembly....138
V-69A Signing – Breakaway Assembly Components 139
V-71 Signing – Letters – Die Cut 139
V-72 Signing – P1 Post (Single) 139
V-73 Signing – P2 Post (Telescoping)....139
V-74 Signing – Reflective Sheeting – Type I 140
V-74D Signing – Reflective Sheeting – Type I – Screen Ink....141
V-75 Signing – Reflective Sheeting – Type II 141
V-75D Signing – Reflective Sheeting – Type II – Screen Ink....142
V-76 Signing – Reflective Sheeting – Type III and/or IV....142
V-76D Signing – Reflective Sheeting – Type III and/or IV – Screen Ink....143
V-76M Delineators – Reflective Sheeting (Prismatic)....144
V-77 Signing – Reflective Sheeting – Type P (ASTM 4956 Types VII, VIII, IX & other similar prismatics)....144
V-77D Signing – Reflective Sheeting – Type VII- Screen Ink....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 146
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 Stands....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 152
X-5 Irrigation - Emitter Assembly 153
X-6 Irrigation - Pressure Regulator Riser....153
X-7 Irrigation - Computerized Control system (ADOT) 154
X-8 Irrigation - Automatic Controller (City) 154
X-9 Irrigation - Remote Control Valve....155
X-10 Irrigation - Manual Valves 155
X-11 Irrigation - PVC Polyvinyl chloride pipe 156
X-12 Lodge Pole 156

APPROVED PRODUCTS LIST
December 2006

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
TCPEP	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

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	89-58	BurkEpoxy Mortar	Bonding old to old concrete & bonding epoxy mortar to old concrete.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
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.	5/00	5/05	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
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	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
A-1	91-95	Duralith	Medium viscosity. Bonding epoxy mortar to old concrete. Dowel epoxy bonding agent	8/03	8/08	The Euclid Chemical Company 19218 Redwood Rd. Cleveland OH 44110 (800) 321-7628
A-1	91-94	Duralith Gel	Non-sag consistency. Bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	8/03	8/08	The Euclid Chemical Company 19218 Redwood Rd. Cleveland OH 44110 (800) 321-7628
A-1	99-03	Spec-Bond 50	Low viscosity epoxy adhesive.	11/05	11/10	Conspec 4226 Kansas Ave Kansas City KS 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.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.	3/03	3/08	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.	3/03	3/08	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.	3/03	3/08	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.	01/06	01/11	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
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.	3/03	3/08	Conspec 4226 Kansas Ave Kansas City KS 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.com/
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.	3/03	3/08	Dayton Superior Corp., Chemical Operations Specialty Chemical Corp. 4226 Kansas Ave. Kansas City KS 66106 (913) 233 1750 Toll Free (866) 329-8724 (913) 279-4806 - Fax http://www.daytonsuperior.com/
A-1	98-12	Unitex Pro-Poxy 100LV	General-purpose epoxy for crack grouting.	3/03	3/08	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.	11/02	11/07	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – 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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
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.	01/06	01/11	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	99-03	Spec Bond 50	Low viscosity epoxy adhesive.	5/04	5/09	Conspec 4226 Kansas Ave Kansas City KS 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.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	89-59	BurkEpoxy Anchoring Grout	Bonding agent for old to new conc. Dowel epoxy-bonding agent.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
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.	5/00	5/05	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 – Fax http://www.chemrex.com/
A-2	83-50	Concresive Paste SPL	High viscosity or non-sag epoxy. Dowel epoxy-bonding agent. Bonding agent for old to new concrete.	3/98	3/03	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 – Fax http://www.chemrex.com/
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.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
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.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
A-2	90-33	Sto Epoxy Adhesive (Powergrip Adhesive)	Medium viscosity. Bonding agent for old to new concrete. Dowel epoxy-bonding agent.	6/99	6/04	Sto Corp – Concrete Restoration Division 3800 Camp Creek Parkway, Building 1400, Suite 120 Atlanta GA 30331-8039 (404) 346-0755 (800) 542-3057 (404 346-3119 – Fax
A-2	92-26	Sto Epoxy Gel (Powergrip Gel)	Non-sag epoxy adhesive. Bonding agent for old to new conc. & bonding old to old conc. Dowel epoxy bonding agent.	6/99	6/04	Sto Corp – Concrete Restoration Division 3800 Camp Creek Parkway, Building 1400, Suite 120 Atlanta GA 30331-8039 (404) 346-0755 (800) 542-3057 (404 346-3119 – Fax

A-2	92-48	Sto Bonding and Anti-Corrosion Agent (Powerprep AC)	Bonding agent. Bonding agent for old to new concrete.	6/99	6/04	Sto Corp – Concrete Restoration Division 3800 Camp Creek Parkway, Building 1400, Suite 120 Atlanta GA 30331-8039 (404) 346-0755 (800) 542-3057 (404 346-3119 – 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.	3/03	3/08	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.	3/03	3/08	Conspec 4226 Kansas Ave Kansas City Kansas 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.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.	3/03	3/08	Conspec 4226 Kansas Ave Kansas City Kansas 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.com/
A-2	85-27	ThoRoc Hi-Mod Epoxy Adhesive (All Crete 12-2 Epoxy Bonding Agent)	Medium viscosity Type I & Type II. Dowel epoxy-bonding agent. Bonding agent for old to old conc. & bonding old to new concrete.	3/03	3/08	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 – Fax
A-2	85-28	ThoRoc Hi-Mod Epoxy Gel (All Crete 12-3 Epoxy Bonding Agent)	Non-sag viscosity Type I and Type II. Dowel epoxy-bonding agent. Bonding agent for old to old conc. & bonding old to new concrete.	3/03	3/08	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 – Fax
A-2	97-22	Unitex Pro-Poxy 200	Medium viscosity epoxy adhesive.	11/02	11/07	Unitex 3101 Gardner Ave. Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
A-2	02001	Ultrabond 1100	Bonding agent for concrete to concrete. Dowel and anchoring epoxy as well.	12/04	12/09	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws

A-3 Bonding Agent - Bonding Old 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-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.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
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.	5/00	5/05	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
A-3	82-48	Concresive Liquid LPL	Medium viscosity. Bonding agent for old to old conc. Dowel epoxy bonding agent.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
A-3	90-42	Concresive 1370	Injection epoxy. Bonding agent for old to old conc. Dowel epoxy bonding agent.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
A-3	89-42	Concresive 1360	Injection epoxy adhesive. Crack-sealing injection & bonding agent for old to old conc. Dowel epoxy bonding agent.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/

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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
A-3	89-58	BurkEpoxy Mortar	Bonding agent for old to old conc. & bonding epoxy mortar to old concrete.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
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.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
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.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
A-3	90-12	BurkEpoxy NS Rapid Set	Non-sag consistence. Bonding agent for old to old conc. Dowel epoxy bonding agent.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
A-3	96-45	Burkepoxy Pistol Pack EZ	Bonding agent – Bonding agent for old to old concrete.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
A-3	83-26	Duralcrete LV	Low viscosity. Bonding agent for old to old conc., crack-sealing injection. Dowel epoxy-bonding agent.	8/03	8/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628
A-3	87-18	LR-321	Injection epoxy adhesive. Crack-sealing injection & bonding old to old conc.	8/03	8/08	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-3	90-14	Polybac or Polyject 1605	Regular viscosity. Bonding agent for old to old conc. Dowel epoxy bonding agent.	3/03	3/08	Polygem, Inc. 1105 Carolina Drive West Chicago IL 60185 (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.	3/03	3/08	Polygem, Inc. 1105 Carolina Drive West Chicago IL 60185 (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.	3/03	3/08	Polygem, Inc. 1105 Carolina Drive West Chicago IL 60185 (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.	3/03	3/08	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.	3/03	3/08	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.	3/03	3/08	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	01/06	01/11	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.	01/06	01/11	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	95-05	Rezi-Weld Rapid Set Injection Epoxy	Low viscosity	01/06	01/11	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.	3/03	3/08	Select Products Co. 1131 W. Baker Street Costa Mesa, CA 92622 (909) 985-5771 Fax: (714) 241-3865
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.	5/04	5/09	Conspec 4226 Kansas Ave Kansas City Kansas 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.com/
A-3	92-26	Sto Epoxy Gel (Powergrip Gel)	Non-sag epoxy adhesive. Bonding agent for old to new conc. & bonding old to old conc. Dowel epoxy bonding agent.	6/99	6/04	Sto Corp – Concrete Restoration Division 3800 Camp Creek Parkway, Building 1400, Suite 120 Atlanta GA 30331-8039 (404) 346-0755 (800) 542-3057 (404 346-3119 - 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.	3/03	3/08	Dayton Superior Corp., Chemical Operations Specialty Chemical Corp. 4226 Kansas Avenue Kansas City Kansas 66106 (913) 233 1750 Toll Free (866) 329-8724 (913) 279-4806 – Fax http://www.daytonsuperior.com/
A-3	96-39	Sure-Anchor I (J-51)	Bonding agent – Bonding agent for old to old concrete.	02/02	02/07	Dayton Superior Corp., Chemical Operations Specialty Chemical Corp. 4226 Kansas Avenue Kansas City Kansas 66106 (913) 233 1750 Toll Free (866) 329-8724 (913) 279-4806 – Fax http://www.daytonsuperior.com/
A-3	85-26	Thoroc Epoxy Adhesive 24 LPL (formerly NitoBond 400C) (All Crete 12-1 Epoxy Bond-Agent)	Low viscosity-Type I & Type II. Bonding agent for old to old conc. Dowel epoxy bonding agent.	3/03	3/08	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
A-3	85-27	ThoRoc Hi-Mod Epoxy Adhesive (All Crete 12-2 Epoxy Bonding Agent)	Medium viscosity Type I & Type II. Dowel epoxy-bonding agent. Bonding agent for old to old conc. & bonding old to new conc.	3/03	3/08	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax

A-3	85-28	ThoRoc Hi-Mod Epoxy Gel (All Crete 12-3 Epoxy Bonding Agent)	Non-sag viscosity Type I & Type II. Dowel epoxy-bonding agent. Bonding agent for old to old conc. & bonding old to new conc.	3/03	3/08	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
A-3	98-12	Unitex Pro-Poxy 100LV	General-purpose epoxy used for crack grouting.	5/03	5/08	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.	11/02	11/07	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – 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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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	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.	01/06	01/11	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.	01/06	01/11	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.	01/06	01/11	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	99-03	Spec Bond 50	Low viscosity epoxy adhesive.	11/05	11/10	Conspec 4226 Kansas Ave Kansas City Kansas 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.com/
A-3	02001	Ultrabond 1100	Bonding agent for concrete to concrete. Dowel and anchoring epoxy as well.	5/03	5/08	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws

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	87-18	LR-321	Injection epoxy adhesive. Crack-sealing injection & bonding agent for old to old concrete.	8/03	8/08	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-4	83-49	Concresive 1380	Low viscosity bonding agent; crack-sealing injection	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
A-4	89-42	Concresive 1360	Injection epoxy adhesive. Crack-sealing injection & bonding agent for old to old conc. Dowel epoxy bonding agent.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/

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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
A-4	83-31	Sikadur 52	Injection resin epoxy. Crack-sealing injection. Dowel epoxy bonding agent	12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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	89-04	Thoroc Anchortite (formerly Lokset Resin System)	Cementitious dowel bonding system; anchor cartridge.	4/00	4/05	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
A-5	94-11	Quik-Rok		5/04	5/09	Ameristar Fence Products P.O. Box 581000 Tulsa Oklahoma 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

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	87-06	Anchorbond	Dowel epoxy-bonding agent.	4/00	4/05	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
A-6	87-11	HS-200	Dowel epoxy-bonding agent.	8/03	8/08	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-6	92-59	Burke Epoxy Pistol Pak	Dowel system. Dowel epoxy-bonding agent.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
A-6	89-59	BurkEpoxy Anchoring Grout	Bonding agent for old to new concrete. Dowel epoxy-bonding agent.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
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.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
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.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
A-6	90-12	BurkEpoxy NS Rapid Set	Non-sag consistence. Bonding agent for old to old conc. Dowel epoxy bonding agent.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
A-6	96-45	BurkEpoxy Pistol Pack	Dowel bonding adhesive – epoxy	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
A-6	91-05	CIA Gel Epoxy	Dowel system. Dowel epoxy bonding agent	3/99	3/04	USP Stuctural Connectors 703 Rogers Drive Montgomery MN 56069 (507)364-8368
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.	5/00	5/05	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/

A-6	89-42	Concresive 1360	Injection epoxy adhesive. Crack-sealing injection & bonding agent for old to old conc. Dowel epoxy bonding agent.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
A-6	90-42	Concresive 1370	Injection epoxy. Bonding agent for old to old conc. Dowel epoxy bonding agent.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
A-6	82-48	Concresive Liquid LPL	Medium viscosity. Bonding agent for old to old conc. Dowel epoxy bonding agent.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
A-6	83-50	Concresive Paste SPL	High viscosity or non-sag epoxy. Dowel epoxy-bonding agent. Bonding agent for old to new conc.	3/98	3/03	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
A-6	83-26	Duralcrete LV	Low viscosity. Bonding agent for old to old conc., crack-sealing injection. Dowel epoxy-bonding agent.	8/03	8/08	The Euclid Chemical Company 19218 Redwood Road Cleveland Ohio 44110 (800) 321-7628
A-6	91-95	Duralith	Medium viscosity. Bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	8/03	8/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628
A-6	91-94	Duralith Gel	Non-sag consistency. Bonding epoxy mortar to old concrete. Dowel epoxy-bonding agent.	8/03	8/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628
A-6	98-19	Epcon A7 Adhesive	Dowel adhesive 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	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.	3/04	3/09	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110-2799 (800) 321-7628
A-6	94-19	Five Star Epoxy Anchor Grout	Medium viscosity.	8/01	7/06	Five Star Products, Inc. 425 Stillson Road Fairfield CT 06430-3148 (800) 243-2206 (203) 336-7900 (203) 336-7930 – Fax http://www.fivestarproducts.com/
A-6	91-93	Flexocrete	Low viscosity. Dowel epoxy-bonding agent.	8/03	8/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628
A-6	04011	Gelbond NS Fast		06/06	06/11	US Mix Products Company 112 South Santa Fe Drive Denver Colorado 80223 (303) 778-7227 (303) 722-8426 - Fax
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.	5/03	5/08	Poly-Carb, Inc. 33095 Brainbridge Rd. Cleveland OH 44139 (440) 248-1223
A-6	86-32	Mark-198	Dowel adhesive. Dowel epoxy-bonding agent.	5/03	5/08	Poly-Carb, Inc. 33095 Brainbridge Rd. Cleveland OH 44139 (440) 248-1223

A-6	85-26	Thoroc Epoxy Adhesive 24 LPL (formerly NitoBond 400C) (All Crete 12-1 Epoxy Bond-Agent)	Low viscosity-Type I & Type II. Bonding agent for old to old concrete. Dowel epoxy-bonding agent.	3/03	3/08	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
A-6	85-27	Thoroc Hi Mod Epoxy Adhesive (All Crete 12-2 Epoxy Bonding Agent) (formerly Nitobond Hi Mod)	Medium viscosity Type I & Type II. Dowel epoxy-bonding agent. Bonding agent for old to old concrete & bonding old to new concrete.	3/03	3/08	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
A-6	85-28	Thoroc Hi Mod Gel (All Crete 12-3 Epoxy Bonding Agent) (formerly Nitobond Hi Mod Gel)	Non-sag viscosity Type I and Type II. Dowel epoxy-bonding agent. Bonding agent for old to old concrete & bonding old to new concrete.	3/03	3/08	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
A-6	90-14	Polybac or Polyject 1605	Regular viscosity. Bonding agent for old to old concrete. Dowel epoxy-bonding agent.	3/03	3/08	Polygem, Inc. 1105 Carolina Drive West Chicago IL 60185 (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.	3/03	3/08	Polygem, Inc. 1105 Carolina Drive West Chicago IL 60185 (630) 231-5600 (630) 231-5604 http://www.polygem.com/
A-6	90-15	Polyject 1257	Regular viscosity. Dowel epoxy-bonding agent.	3/03	3/08	Polygem, Inc. 1105 Carolina Drive West Chicago IL 60185 (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.	3/03	3/08	Polygem, Inc. 1105 Carolina Drive West Chicago IL 60185 (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.	5/00	5/05	Powers Fasteners, Inc. 11 Doansburg Road Brewster NY 10509 (914) 235-6300 (914) 576-6483 – FAX http://www.powers.com
A-6	91-41	Powers Power-Fast Epoxy	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.	5/00	5/05	Powers Fasteners, Inc. 11 Doansburg Road Brewster, NY 10509 (914) 235-6300 (914) 576-6483 – 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, masonary, and stone base materials.	02/05	02/10	Powers Fasteners, Inc. 11 Doansburg Road Brewster, NY 10509 (914) 235-6300 (914) 576-6483 – 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.	02/05	02/10	Powers Fasteners, Inc. 11 Doansburg Road Brewster, NY 10509 (914) 235-6300 (914) 576-6483 – 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.	3/03	3/08	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.	3/03	3/08	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.	3/03	3/08	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	01/06	01/11	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.	01/06	01/11	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.	8/98	8/03	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	88-15	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	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.	01/06	01/11	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.	01/06	01/11	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.	01/06	01/11	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.	01/06	01/11	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.	01/06	01/11	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	01/06	01/11	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.	3/03	3/08	Select Products Co. 1131 W. Baker Street Costa Mesa, CA 92622 (909) 985-5771 Fax: (714) 241-3865
A-6	84-63	Select Bond GP-1000	Regular viscosity epoxy. Dowel epoxy-bonding agent.	3/03	3/08	Select Products Co. 1131 W. Baker Street Costa Mesa, CA 92622 (909) 985-5771 Fax: (714) 241-3865
A-6	84-62	Select Bond GP-2000	Low viscosity epoxy. Dowel epoxy-bonding agent.	3/03	3/08	Select Products Co. 1131 W. Baker Street Costa Mesa, CA 92622 (909) 985-5771 Fax: (714) 241-3865

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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
A-6	83-31	Sikadur 52	Injection resin epoxy. Crack-sealing injection. Dowel epoxy-bonding agent.	12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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. P.O. Box 297 Lyndhurst NJ 07071-2097 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com

A-6	99-03	Spec Bond 50	Low viscosity epoxy adhesive.	11/05	11/10	Conspec 4226 Kansas Ave Kansas City Kansas 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.com/
A-6	93-43	Spec Bond 100	Medium viscosity. Bonding agent for old to new concrete. Dowel epoxy-bonding agent.	3/03	3/08	Conspec 4226 Kansas Ave Kansas City Kansas 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.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.	3/03	3/08	Conspec 4226 Kansas Ave Kansas City Kansas 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.com/
A-6	99-03	Spec Bond 50	Low viscosity epoxy adhesive.	11/05	11/10	Conspec 4226 Kansas Ave Kansas City Kansas 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.com/
A-6	91-44	Speed Bond #1	Non-sag consistency. Bonding agent for old to old concrete. Dowel epoxy-bonding agent.	8/98	8/03	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	90-33	Sto Epoxy Adhesive (Powergrip Adhesive)	Medium viscosity. Bonding agent for old to new concrete. Dowel epoxy-bonding agent.	6/99	6/04	Sto Corp – Concrete Restoration Division 3800 Camp Creek Parkway, Building 1400, Suite 120 Atlanta GA 30331-8039 (404) 346-0755 (800) 542-3057 (404 346-3119 – Fax
A-6	92-26	Sto Epoxy Gel (Powergrip Gel)	Non-sag epoxy adhesive. Bonding agent for old to new concrete. & bonding old to old concrete. Dowel epoxy-bonding agent.	6/99	6/04	Sto Corp – Concrete Restoration Division 3800 Camp Creek Parkway, Building 1400, Suite 120 Atlanta GA 30331-8039 (404) 346-0755 (800) 542-3057 (404 346-3119 - 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.	3/03	3/08	Dayton Superior Corp., Chemical Operations Specialty Chemical Corp. 4226 Kansas Avenue Kansas City Kansas 66106 (913) 233 1750 Toll Free (866) 329-8724 (913) 279-4806 – Fax http://www.daytonsuperior.com/

A-6	96-39	Sure-Anchor I (J-51)	Dowel bonding agent – epoxy.	02/02	02/07	Dayton Superior Corp., Chemical Operations Specialty Chemical Corp. 4226 Kansas Avenue Kansas City Kansas 66106 (913) 233 1750 Toll Free (866) 329-8724 (913) 279-4806 – Fax http://www.daytonsuperior.com/
A-6	95-11	Ultrabond 1300 (Ultrabond AT; Ultrabond Accelerated Time)	Dowel system	11/05	11/10	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	11/05	11/10	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-6	95-10	Ultrabond 3 (Ultrabond QC; Ultrabond Quick Cure)	Dowel system	11/05	11/10	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
A-6	98-12	Unitex Pro-Poxy 100LV	General-purpose epoxy for crack grouting.	5/03	5/08	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.	11/02	11/07	Unitex 3101 Gardner Avenue Kansas City MO 64120-1804 (816) 231-7700 (816) 483-3149 – Fax
A-6	01087	Hilti HIT RE 500 Injection Adhesive		2/03	2/08	Hilti, Inc. PO Box 21148 Tulsa OK 74121 (800) 879-8000 (800) 879-7000 – Fax
A-6	99049	HSE 2421 High Strength Epoxy		5/03	5/08	Hilti, Inc. PO Box 21148 Tulsa OK 74121 (800) 879-8000 (800) 879-7000 – Fax
A-6	02008	Ultrabond 2300		5/03	5/08	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws

A-6	02001	Ultrabond 1100	Bonding agent for concrete to concrete. Dowel and anchoring epoxy as well.	5/03	5/08	Adhesives Technology Corp 450 E Copans Road Pompano Beach FL 33064 (800) 892-1880 (954) 782-2776 – Fax http://www.atc.ws
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

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**
B-1		N/A				

Category: C - Barriers, Fencing and Roadside Structures

	C-1 Proprietary Retaining Walls ADOT Specifications: Retaining Wall Selection Process, Highway Division Policy and Implementation Memorandum No. 95-02 ADOT Drawings: None Responsible Section: Materials Group					
Category	**ID/Rpt. No.**	**Product**	**Notes**	**Approval Date**	**Recertify Date**	**Manufacturer**
C-1	96078	KeySystem I	1. Maximum wall is limited to 7.6 m (25 ft.) 2. Reinforced by Keystrips, ladder type galvanized welded reinforcing strips. 3. Only the design using galvanized steel and fiberglass pins (PRIDE ID Number 96078) is approved. 4. Manufacturer will provide ADOT Memo (9/15/96), regarding limitations, to ADOT users and consultants that are working on ADOT projects.	05/01	05/06	Keystone Retaining Wall Systems 13453 County Rd. 1 Fairhope AL 36532 (334) 990-5761 http://www.keystonewalls.com/

C-1	98058	MSE *Plus*™	1. Maximum wall height is limited to (30 ft.) 2. Only the design using galvanized connector pins (PRIDE ID Number 98058) is approved. 3. Manufacturer will provide ADOT Memo (June/30/98), regarding limitations, to ADOT users and consultants that are working on ADOT projects. 4. Minimum embedment of wall base below existing/finished grade shall be 18" for permanent walls and 12" for temporary walls.	7/03	7/08	SSL, LLC 4740 E. Scotts Valley Drive Suite E Scotts Valley California 95066 (831) 430-9300 (831) 430-9340 - Fax
C-1	93013	Pyramid Modular Block Retaining Wall System	1. Maximum wall is limited to 7.6 m (25 ft.) 2. Only "W7/W11" ladder type galvanized welded reinforcing strips. 3. Only the design using galvanized connector pins (PRIDE ID Number 93013) is approved. 4. Manufacturer will provide ADOT Memo (1/10/96), regarding limitations, to ADOT users and consultants that are working on ADOT projects.	03/02	03/07	The Reinforced Earth Company 20381 Lake Forest Dr., Suite B-2 Lake Forest CA 92630 (949) 587-3060 http://www.reinforcedearth.com/
C-1	C & S 89034	Reinforced Earth		3/03	3/08	The Reinforced Earth Company 20381 Lake Forest Dr., Suite B-2 Lake Forest CA 92630 (949) 587-3060 http://www.reinforcedearth.com/
C-1	C & S 96067	Reinforced Soil Embankment		7/99	7/04	The Hilfiker Company 3900 Broadway P.O. Box 2012 Eureka CA 95503 (800) 762-8962 (707) 443-2891 – Fax http://www.hilfiker.com/
C-1	C & S	Retained Earth		9/03	9/08	Foster Geotechnical 1660 Hotel Circle N, Suite 304 San Diego, CA 92108 (619) 688-24000
C-1	96001	Terratrel Wire Face Wall	1. Maximum wall is limited to 9 m (30 ft.) 2. Reinforced by steel ladder reinforcing strips. 3. Only the design submitted (PRIDE ID Number 96001) is approved. 4. Manufacturer will provide ADOT Memo (6/17/96), regarding limitations, to ADOT users and consultants that are working on ADOT projects.	05/01	05/06	The Reinforced Earth Company 20381 Lake Forest Dr., Suite B-2 Lake Forest CA 92630 (949) 587-3060 http://www.reinforcedearth.com/

C-1	96012	Versa-Lok	1. Maximum wall is limited to 4.5 m (15 ft.) 2. Reinforced by Tensar geogrids, Series UX1400 through UX1700 under a soil pH range of 6 to 12 inclusive. 3. Only the design using versa-tuff glass-fiber/nylon pins (PRIDE ID Number 96012) is approved. 4. Manufacturer will provide ADOT Memo (7/18/96), regarding limitations, to ADOT users and consultants that are working on ADOT projects.	1/04	1/09	Versa-Lok Retaining Wall Systems 6348 Hwy 36 Boulevard, Suite 1 Oakdale MN 55128 (800) 770-4525
C-1	C & S	Welded Wire Wall		7/99	7/04	The Hilfiker Company 3900 Broadway P.O. Box 2012 Eureka CA 95503 (800) 762-8962 (707) 443-2891 – Fax http://www.hilfiker.com/
C-1	01032	ISOGRID Retaining Wall System	This product is conditionally approved for one project. After it is used on a project, it will be reevaluated by the MatPEC for continued approval.	1/03	1/04	The Neel Company 8328-D Traford Lane Springfield VA 22152 (703) 913-7858 (703) 913-7859 – Fax

C-2 Cantilever Walls
ADOT Specifications: Retaining Wall Selection Process, Highway Division Policy and Implementation Memorandum No. 95-02
ADOT Drawings: None
Responsible Section: Materials Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
C-2	N/A					

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	4/08	Akzo Nobel Surface Chemistry, LLC P.O. Box 23590 Waco TX 76702-3590 (254) 744-5968
D-1	92-73	Kling Beta 2700		4/03	4/08	Akzo Nobel Surface Chemistry, LLC P.O. Box 23590 Waco TX 76702-3590 (254) 744-5968

D-1	90-38	Perma-Tac Plus	Anti-stripping agent	4/03	4/08	Akzo Nobel Surface Chemistry, LLC P.O. Box 23590 Waco TX 76702-3590 (254) 744-5968
D-1	92-72	Redicote 95S	Anti-stripping agent.	4/03	4/08	Akzo Nobel Surface Chemistry, LLC P.O. Box 23590 Waco TX 76702-3590 (254) 744-5968
D-1	91-39	Unichem 8161™	Anti-stripping agent.	4/03	4/08	BJ Unichem Chemical Services A Division of BJ Services Company, U.S.A. P.O. Box 755 3416 Midway Road Casper WY 82601 (307) 235-5906 (307) 235-4074 – Fax
D-1	91-40	Unichem 8162™	Anti-stripping agent.	4/03	4/08	BJ Unichem Chemical Services A Division of BJ Services Company, U.S.A. P.O. Box 755 3416 Midway Road Casper WY 82601 (307) 235-5906 (307) 235-4074 – Fax
D-1	91-60	Unichem 8169™	Anti-stripping agent.	4/03	4/08	BJ Unichem Chemical Services A Division of BJ Services Company, U.S.A. P.O. Box 755 3416 Midway Road Casper WY 82601 (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**
E-1		N/A				

Category: F - Culverts and Drainage Structures

	F-1 Catch Basin, Median Dyke ADOT Specifications: None ADOT Drawings: C-15.90 (available at: http://www.dot.state.az.us/ROADS/Rdwyeng/updates/c-standards/pipes.html) Responsible Section: Roadway Engineering

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
F-1		CB-103		3/03	3/08	Pre-Cast Manufacturing Co. 301 W. Broadway Rd. Phoenix AZ 85041 (602) 276-4341 Fax (602) 276 2907
F-1	02129	Nyloplast Storm Drainange Structures		06/06	06/11	Nyloplast –ADS 3130 Verona Ave. Buford GA 30518 (801) 638-2000 (801) 294-6874 - Fax
F-1		U9900-1	Drawing U9900-1 approved by Roadway Engineering as alternate to standard drawing – 10/22/2003	12/03	12/08	Utility Vault Company P.O. Box 610 Chandler AZ 85225 (602) 963-2678

F-2 Catch Basins, Median Flush
ADOT Specifications: None
ADOT Drawings: C-15.80 (available at: http://www.dot.state.az.us/ROADS/Rdwyeng/updates/c-standards/basin.html)
Responsible Section: Roadway Engineering

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
F-2		CB-15801		3/03	3/08	Pre-Cast Manufacturing Co. 301 W. Broadway Rd. Phoenix AZ 85041 (602) 276-4341 Fax (602) 276 2907
F-2		CB-15802		3/03	3/08	Pre-Cast Manufacturing Co. 301 W. Broadway Rd. Phoenix AZ 85041 (602) 276-4341 Fax (602) 276 2907
F-2	02129	Nyloplast Storm Drainange Structures		06/06	06/11	Nyloplast –ADS 3130 Verona Ave. Buford GA 30518 (801) 638-2000 (801) 294-6874 - Fax
F-2		U1100-1	Drawing U1100-1 approved by Roadway Engineering as alternate to standard drawing – 10/22/2003	12/03	12/08	Utility Vault Company P.O. Box 610 Chandler AZ 85225 (602) 963-2678

F-5 Cattle Guards
ADOT Specifications: None
ADOT Drawings: C11.10 - C11.30 (available at: http://www.dot.state.az.us/ROADS/Rdwyeng/updates/c-standards/cattleguards.html)
Responsible Section: Roadway Engineering

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

F-6 Cattle Guards Foundation
ADOT Specifications: None
ADOT Drawings: C-11.10 (available at: http://www.dot.state.az.us/ROADS/Rdwyeng/updates/c-standards/cattleguards.html)
Responsible Section: Roadway Engineering

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
F-6		CFG-C-11.10		3/03	3/08	Pre-Cast Manufacturing Co. 301 W. Broadway Road Phoenix AZ 85041 (602) 276-4341 Fax (602) 276 2907
F-6		Precast Concrete Cattle Guard – ADOT Standard	Drawings G2100-2, G2100-3 & G2100-4 approved by Roadway Engineering as alternate to standard drawing – 10/22/2003	12/03	12/08	Utility Vault Company P.O. Box 610 Chandler AZ 85225 (480) 963-2678

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	9/03	9/08	King Hughes Fasteners Corp. PO Box 115 550 Fourth Street Imlay City MI 48444 www.kinghughes.com
F-7		Spenax 11G-40 High Tensile Rings		8/98	8/03	Spenax Corporation 8433 N. Black Canyon Highway Suite 100 Phoenix AZ 85021-4859

F-8 Drainage Pipe Liner - High Density Polyethylene
ADOT Specifications: ASTM D3350 Cell Classification 345434C
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-9 Non-perforated Drainage Plastic Tubing – Corrugated, Type C, High Density Polyethylene
ADOT Specifications: 501-3.03(G) & 1010-8, AASHTO M252 and ASTM D3350 Cell Classification 324420C
ADOT Drawings: None
Responsible Section: Roadway Design Section

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
F-9		AASHTO Grade	At 4", 6", 8", or 10" I.D. Factory Markings, for example: "ADS 8" I.D. AASHTO M252" 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-9		Heavy Duty AASHTO	At 3" 4", 6", 8", or 10" I.D. Factory Markings: "HANCOR" "Diameter (inches)" "AASHTO M252" No water resistant or watertight joint available that meets ADOT 1010-8.	12/05	12/10	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351

F-10 Non-perforated Drainage Plastic Tubing – Corrugated, Type S, High Density Polyethylene
ADOT Specifications: 501-3.03(G) & 1010-8, AASHTO M252 and ASTM D3350 Cell Classification 324420C
ADOT Drawings: None
Responsible Section: Roadway Design Section

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
F-10		Hi-Q	At 4", 6", 8", or 10" I.D. Factory Markings: "HANCOR" "Diameter (inches)" "AASHTO M252" No water resistant or watertight joint available that meets ADOT 1010-8.	12/05	12/10	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351
F-10		N-12	At 4", 6", 8", or 10" I.D. Factory Markings, for example: "ADS 8" I.D. AASHTO M252" No water resistant or watertight joint available that meets ADOT 1010-8.	6/99	6/04	Advanced Drainage Systems, Inc. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646
F-10	01120	N-12	N-12 Pro-Link (4" – 10") Meets PPI certification ASSHTO M252	3/04	3/09	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 M294 and ASTM D3350 Cell Classification 324420C
ADOT Drawings: None
Responsible Section: Roadway Design Section

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

F-11		AASHTO Grade	At 12", 15", 18", or 24" I.D. Factory Markings, for example: "ADS 18" I.D. AASHTO M294" No water resistant or water tight joint available that meets ADOT 1010-8.	6/99	6/04	Advanced Drainage Systems, Inc. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646
.F-11		Heavy Duty AASHTO	At 12", 15", 18", or 24" I.D. Factory Markings: "HANCOR" "Diameter (inches)" "AASHTO M294" No water resistant or watertight joint available that meets ADOT 1010-8.	12/05	12/10	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351

F-12 Non-perforated Drainage Plastic Pipe- Corrugated, Type S, High Density Polyethylene
ADOT Specifications: 501-3.03(G) & 1010-8, AASHTO M294 and ASTM D3350 Cell Classification 335420C
ADOT Drawings: None
Responsible Section: Roadway Design Section

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
F-12		Hi-Q	At 12", 15", 18", 24", 30", 36" or 42" I.D. Factory Markings: "HANCOR" "Diameter (inches)" "AASHTO M294" Water Resistant Joints available: Hi-Q Sure-Lok 10.8 for: 12", 15", 18", or 24" I.D. Factory Markings: "Sure-Lok 10.8" Hi-Q Sure-Lok 5.0 for: 30", 36" or 42" I.D. Factory Markings: "Sure-Lok 5.0" Watertight Joints available: Hi-Q Sure-Lok 10.8 for: 12", 15", 18", 24", or 30" I.D. Factory Markings: "Sure-Lok 10.8"	12/05	12/10	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351

F-12		N-12	At 12", 15", 18", 24", 30", or 36" I.D. Factory Markings, for example: "ADS 18" I.D. AASHTO M294" Water Resistant Joints available: Pro-Link WT w/ annular valley gasket for: 12", 15", 18", or 24" I.D. Factory Markings: "Pro-Link WT" "1213, 1513, 1813, or 2413 bell/bell coupler," respectively Pro-Link WT w/ annular valley gasket for: 30" or 36" I.D. Factory Markings: "Pro-Link WT" "3085 or 3685 for welded bell coupler, or 3013 or 3613 for bell/bell coupler," respectively Watertight Joints available: Pro-Link WT w/ annular valley gasket for: 12", 15", 18", or 24" I.D. Factory Markings: "Pro-Link WT" "1213, 1513, 1813, or 2413 bell/bell coupler," respectively; or welded bell.	06/01	06/06	Advanced Drainage Systems, Inc. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646
F-12	00040	N-12 and N-12HC 60" Diameter HDPE Pipe		09/05	09/10	Advanced Drainage Systems, Incorporated 8948 South Cobblecrest Lane Sandy UT 84093 (801) 947-5878 (801) 947-5882 - Fax
F-12	98032	N-12 Pro-Link Ultra	Pro-Link Ultra Integral Bell/Spigot 12"-60" I.D. Pipe Meeting ADOT 501(G), 1010-8, AASHTO M294, ASTM F667, F477, D3212 Water Resistant	11/05	11/10	Advanced Drainage Systems, Inc. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-7473
F-12	98056	N-12 Pro-Link WT	Pro-Link WT Integral Bell/Spigot 12"-60" I.D. Pipe Meeting ADOT 501(G), 1010-8, AASHTO M294 ASTM F477, D3212 Water Tight	11/05	11/10	Advanced Drainage Systems, Inc. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-7473
F-12	01120	N-12	N-12 12" – 48" Meets PPI certification ASSHTO M294 N-12 Pro-Link (12" – 36") Meets PPI certification ASSHTO M294	3/04	3/09	Advanced Drainage Systems, Inc. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646
F-12	99044	HANCOR CHDPEPP 42" DIA	Meets PPI certification	3/04	3/09	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351

F-12	00041 / 01010	12" Sure-Lok F477	Meets PPI certification	3/04	3/09	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351
F-12	00042 / 01011	**15" Sure-Lok F477**	Meets PPI certification	3/04	3/09	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351
F-12	00043 / 01012	18" Sure-Lok F477	Meets PPI certification	3/04	3/09	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351
F-12	00044 / 01013	24" Sure-Lok F477	Meets PPI certification	3/04	3/09	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351
F-12	00045 / 01014	30" Sure-Lok F477	Meets PPI certification	3/04	3/09	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351
F-12	1021	48" Sure-Lok F477	Meets PPI certification	3/04	3/09	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351
F-12	04015	54" and 60" Sure-Lok F-477 HDPE Pipe (Water Resistant)		09/05	09/10	Hancor Incorporated 401 Olive Street Findlay OH 45839 480.785.7222 480.785.2473- Fax
F-12	01070	36" Blue Seal	Meets PPI certification	3/04	3/09	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351
F-12	01071	42" Blue Seal	Meets PPI certification	3/04	3/09	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351
F-12	01072	48" Blue Seal	Meets PPI certification	3/04	3/09	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351

F-13 Perforated Drainage Plastic Tubing – Corrugated, Type C, High Density Polyethylene
ADOT Specifications: 501-3.03(G) & 1010-8, AASHTO M252 and ASTM D3350 Cell Classification 324420C
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 and ASTM D3350 Cell Classification 324420C
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

F-15 Perforated Drainage Plastic Pipe- Corrugated, Type C, High Density Polyethylene
ADOT Specifications: 501-3.03(G) & 1010-8, AASHTO M294 and ASTM D3350 Cell Classification 324420C
ADOT Drawings: None
Responsible Section: Roadway Design Section

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
F-15		AASHTO Grade	At 12", 15", 18", or 24" I.D. Factory Markings, for example: "ADS 18" I.D. AASHTO M294" Split Couplings available for all sizes.	6/99	6/04	Advanced Drainage Systems, Inc. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-4646
F-15		Heavy Duty AASHTO	At 12", 15", 18", or 24" I.D. Factory Markings: "HANCOR" "Diameter (inches)" "AASHTO M294" Silt Resistance Joints for all sizes.	12/05	12/10	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351

F-16 – Perforated Drainage Plastic Pipe- Corrugated, Type S, High Density Polyethylene
ADOT Specifications: 501-3.03(G) & 1010-8, AASHTO M294 and ASTM D3350 Cell Classification 324420C
ADOT Drawings: None
Responsible Section: Roadway Design Section

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
F-16		Hi-Q	At 12", 15", 18", 24", 30", or 36" I.D. Factory Markings: "HANCOR" "Diameter (inches)" "AASHTO M294" Silt Resistance Joints for all sizes	12/05	12/10	Hancor, Inc. 140 Vineland Bakersfield CA 93307 (800) 892-3351
F-16		N-12	At 12"-60" I.D. N-12 pipe Factory Markings, for example: **"ADS 18" I.D. AASHTO M294"** Split Couplings available for all sizes.	11/05	11/10	Advanced Drainage Systems, Inc. 4640 Trueman Blvd. Hilliard OH 43026 (800) 733-7473

F-17 Grated Line Drain. Alternate to Slotted Drain
ADOT Specifications: PRIDE Pipe Committee Approval (602) 712-3134
ADOT Drawings: None
Responsible Section: Roadway 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.	2/03	2/08	ACO Polymer Products, Inc. PO Box 245 12080 Ravenna Road Chardon OH 44024 (800) 543-4764 (440) 285-8517 – Fax
F-17	02064	S300K Powerdrain	For special applications only when shown on the project plans.	2/03	2/08	ACO Polymer Products, Inc. PO Box 245 12080 Ravenna Road Chardon OH 44024 (800) 543-4764 (440) 285-8517 – 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
G-1		N/A				

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-1	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 West Missouri Ave. Glendale AZ 85301

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.	01/06	01/11	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	06017	RoadSaver 221	Conditionally approved for one year. Product will be reevaluated after one year	9/06	9/07	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)		3/03	3/08	Crafco, Inc. 420 N. Roosevelt Avenue Chandler AZ 85226 (800) 528-8242 (480) 961-0513 – Fax

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	88008	Crafco Silicone Joint	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.	3/03	3/08	Crafco, Inc. 420 N. Roosevelt Avenue Chandler AZ 85226 (800) 528-8242 (480) 961-0513 – Fax
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**.**	09/04	9/09	Dow Corning Corporation P.O. Box 994 Midland MI 48686-0994 (517) 496-4000
H-4	02023	Pecora 301 Silicone Pavement Sealant		02/06	02/11	Pecora Corporation 165 Wambold Road Harleysville PA19438 (215) 799-7520 (215) 721-0286 - Fax
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	9/09	Dow Corning Corporation P.O. Box 994 Midland MI 48686-0994 (517) 496-4000
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.	7/05	7/10	Crafco, Inc. 420 N. Roosevelt Avenue Chandler AZ 85226 (800) 528-8242 (480) 961-0513 – Fax

Category: I – Mulch, Erosion Control and Soil Reinforcement

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	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	93-30	Propex 4553	Nonwoven polypropylene fabric	3/03	3/08	Amoco Fabrics & Fibers Co. 260 The Bluffs Austell GA 30168 (800) 445-7732 (770) 944-4584 – Fax
I-1	96-02	Contech C80-NW	Bank protection fabric	5/01	5/06	Contech Construction Products, Inc. 1001 Grove St. Middletown OH 45044
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
I-1	98-22	FX-80HS	Non-woven geotextile	9/03	9/08	Carthage Mills 4243 Hunt Road Cincinnati OH 45242 (800) 543-4430 (513) 794-3434 – 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.	3/03	3/08	Mirafi® Construction Products A Division of Ten Cate Nicolon USA 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.	3/03	3/08	Mirafi® Construction Products A Division of Ten Cate Nicolon USA 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	99-09	Terra Tex Non-Woven	Pavement seal coating.	5/99	5/04	Webtec, Inc. P.O. Box 19729 Charlotte NC 28219 (704) 398-0954

I-1	03108	EcoBerm and EcoBlanket Compost Material		3/04	3/09	Rexius, Inc 1275 Bailey Hill Rd. Eugene OR 97402 (541) 335-8021 (541) 343-4802 – Fax
I-1	05011	Western Excelsior Straw Wattles		06/06	06/11	Western Excelsior 901 Grand Ave. Mancos CO 81328 (970) 461-2635

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	94-23 93115	Drain Away – High Flow Highway Edge Drain		8/99	8/04	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.	7/03	7/08	Contech Construction, Inc. 1001 Grove Street Middletown OH 45044

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	94-20	Hypernet		8/94	8/99	GSE Lining Technology, Inc. 19103 Gundle Rd. Houston TX 77073 (281) 443-8564
I-3	97-15 97019	Amerdrain 200	Geocomposite wall drain.	11/02	11/07	American Wick Drain 1209 Airport Rd. Monroe NC 28110 (704) 238-9200
I-3	97-29 97065	Amerdrain 250	Geocomposite wall drain.	11/02	11/07	American Wick Drain 1209 Airport Road Monroe NC 28110 (704) 238-9200
I-3	97-15 97066	Amerdrain 500	Geocomposite wall drain	11/02	11/07	American Wick Drain 1209 Airport Road Monroe NC 28110 (704) 238-9200
I-3	91-27	Battle Drain		01/06	01/11	LINQ Industrial Fabrics, Inc. 2550 West Fifth North St. Summerville SC 29483-9699 (800) 445-4675 (843) 875-8276 – Fax

I-3	95-17	Battle Drain 1		2/01	2/06	LINQ Industrial Fabrics, Inc. 2550 West Fifth North St. Summerville SC 29483-9699 (800) 445-4675 (843) 875-8276 – Fax
I-3	96-01	Contech C-Drain 11K		8/01	8/06	Geotech Construction Products P.O. Box 800 Middletown OH 45042
I-3	94-24	Drain Away – Prefabricated Structural Drain		8/99	8/04	Drainage Products, Inc. 383 S. Main St. Windsor Locks CT 06096 (860) 668-5108 (860) 623-2560 – Fax
I-3	91-32	Greenstreak Sheet Drain		3/03	3/08	Greenstreak, Inc. 3400 Tree Court Industrial Blvd. St. Louis MO 63122-6689 (800) 225-9404
I-3	91-33	Greenstreak Sheet Drain HS		3/03	3/08	Greenstreak, Inc. 3400 Tree Court Industrial Blvd. St. Louis MO 63122-6689 (800) 225-9404
I-3	91-31	J-Drain 300		4/03	4/08	JDR Enterprises, Inc. 292 S Main Street, Suite 200 Alpharetta GA 30004-1950 (800) 843-7569 (770) 664-7951
I-3	97-02	Tenax TN-2065 Geocomposite		8/97	8/07	Tenax Corporation 4800 East Monument St. Baltimore MD 21205 (800) 356-8495 (410) 522-7015 - Fax
I-3	97-03	Tenax TN-2066 Geocomposite		8/97	8/07	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 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-4 Geogrid
ADOT Specifications: 1014-3
ADOT Drawings: None
Responsible Section: Materials Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
I-4	96-17	Tenax MS220	Grid reinforcement material.	2/02	2/07	Tenax Corp. 4800 East Monument St. Baltimore MD 21205 (800) 356-8495
I-4	91-61	Tensar Geogrid BX 1100	Grid reinforcement material.	3/00	3/05	Tensar Corp. 1210 Citizen's Parkway Morrow GA 30260 (404) 961-8239

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	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	93-75	Propex 4545		01/06	01/11	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.	3/03	3/08	Mirafi® Construction Products A Division of Ten Cate Nicolon USA 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.	5/03	5/08	Webtec, Inc. P.O. Box 19729 Charlotte NC 28219 (704) 398-0954
I-5	97-24 97043	TNS R035	A non-woven polypropylene geotextile.	4/03	4/08	TNS Advanced Technologies A Nevown Company 9855 Greenville Highway, Building F Spartanburg SC 29301 864 949-1006 Fax: 864-949-6222
I-5	97-25 97044	TNS R040	A non-woven polypropylene geotextile.	4/03	4/08	TNS Advanced Technologies A Nevown Company 9855 Greenville Highway, Building F Spartanburg SC 29301 864 949-1006 Fax: 864-949-6222
I-5	91-77	Trevira Spunbond Engineering Fabric Trevira 1114	Separation or drainage filter fabric.	3/98	3/03	Hoechst Celanese Corp. P.O. Box 5650 Spartanburg SC 29304-5650 (800) 845-7597

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	98-06	Terratex N06	Non-woven geotextile.	5/03	5/08	Webtec, Inc. P.O. Box 19729 Charlotte NC 28219 (704) 398-0954
I-6	98-08	Terratex OL	Non-woven geotextile.	5/03	5/08	Webtec, Inc. P.O. Box 19729 Charlotte NC 28219 (704) 398-0954
I-6	97-27 97043	TNS R060	A non-woven polypropylene geotextile.	4/03	4/08	TNS Advanced Technologies A Nevown Company 9855 Greenville Highway, Building F Spartanburg SC 29301 864 949-1006 Fax: 864-949-6222

I-6	97-28 ID# 97046	TNS R070	A non-woven polypropylene geotextile.	4/03	4/08	TNS Advanced Technologies A Nevown Company 9855 Greenville Highway, Building F Spartanburg SC 29301 864 949-1006 Fax: 864-949-6222
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	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	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	93-15	ProPex 2002	Woven polypropylene fabric.	3/03	3/08	Amoco Fabrics & Fibers Co. 260 The Bluffs Austell GA 30168 (800) 445-7732 (770) 944-4584 – Fax
I-6	92-38	Typar 3601	Separation or drainage filter fabric, spunbond polypropylene non-woven fabric.	3/03	3/08	LINQ Industrial Fabrics, Inc. 2550 West Fifth North St. Summerville SC 29483-9699 (800) 445-4675 (843) 875-8276 – Fax
I-6	93-67	ProPex 4551	Polypropylene non-woven needle punched fabric; stable polymer.	2/99	2/04	Amoco Fabrics & Fibers Co. 260 The Bluffs Austell GA 30168 (800) 445-7732 (770) 944-4584 – Fax
I-6	99-08	Terra Tex GS	Separation, stabilization, embankment protection.	5/99	5/04	Webtec, Inc. P.O. Box 19729 Charlotte NC 28219 (704) 398-0954

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

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
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	93-20	ProPex 2006	Woven polypropylene fabric.	3/03	3/08	Amoco Fabrics & Fibers Co. 260 The Bluffs Austell GA 30168 (800) 445-7732 (770) 944-4584 – Fax
I-7	93-30	ProPex 4553	Non-woven polypropylene fabric.	3/03	3/08	Amoco Fabrics & Fibers Co. 260 The Bluffs Austell GA 30168 (800) 445-7732 (770) 944-4584 – Fax
I-7	96-02	Contech C80-NW	Bank protection fabric.	5/01	5/06	Contech Construction, Inc. 1001 Grove St. Middletown OH 45044
I-7	98-25	FX-70HS	Non-woven geotextile.	9/98	9/03	Carthage Mills 4243 Hunt Road Cincinnati OH 45242 (800) 543-4430 (513) 794-3434 – Fax
I-7	98-23	FX-80HS	Non–woven geotextile.	9/03	9/08	Carthage Mills 4243 Hunt Road Cincinnati OH 45242 (800) 543-4430 (513) 794-3434 – Fax
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.	3/03	3/08	Mirafi® Construction Products A Division of Ten Cate Nicolon USA 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.	3/03	3/08	Mirafi® Construction Products A Division of Ten Cate Nicolon USA 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.	5/03	5/08	Webtec, Inc. P.O. Box 19729 Charlotte NC 28219 (704) 398-0954
I-7	97-26 97047	TNS R080	A non-woven polypropylene geotextile.	4/03	4/08	TNS Advanced Technologies A Nevown Company 9855 Greenville Highway, Building F Spartanburg SC 29301 864 949-1006 Fax: 864-949-6222

I-7	91-72	Trevira Spunbond Engineering Fabric Trevira 1125	Stabilization, separation or drainage filter fabric.	3/98	3/03	Hoechst Celanese Corp. P.O. Box 5650 Spartanburg SC 29304-5650 (800) 845-7597
I-7	99-10	Terra Tex N-08	Separation, stabilization, embankment.	5/99	5/04	Webtec, Inc. P.O. Box 19729 Charlotte NC 28219 (704) 398-0954

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	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	93-21	ProPex 2006	Woven polypropylene fabric.	3/03	3/08	Amoco Fabrics & Fibers Co. 260 The Bluffs Austell GA 30168 (800) 445-7732 (770) 944-4584 – Fax
I-8	93-87	CEF 4512(previously CEF 4555A)		01/06	01/11	Propex Fabrics Inc. 260 The Bluffs Austell GA 30168 (800) 445-7732 (770) 944-4584 – Fax
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.	3/03	3/08	Mirafi® Construction Products A Division of Ten Cate Nicolon USA 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	98-09	Terratex N10	Non-woven geotextile.	5/03	5/08	Webtec, Inc. P.O. Box 19729 Charlotte NC 28219 (704) 398-0954
I-8	91-73	Trevira Spunbond Engineering Fabric Trevira 1135	Stabilization, separation or drainage filter fabric.	3/98	3/03	Hoechst Celanese Corp. P.O. Box 5650 Spartanburg SC 29304-5650 (800) 845-7597

I-8	99-11	ProPex 4512 Non-Woven	Separation	01/06	01/11	Propex Fabrics Inc. 260 The Bluffs Austell GA 30168 (800) 445-7732 (770) 944-4584 – 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
I-9	96-16	Protec II	Geomembrane-Impervious	8/96	8/01	Dane Chemco, Inc. 25958 Genesee Trail Rd. Golden CO 80401-5742

I-10 Mulch – Wood Cellulose Fibers
ADOT Specifications: 805-2.03(D)
ADOT Drawings: None
Responsible Section: Materials Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
I-10	94062	Soil Guard	Project special provision dictates its use.	11/94	11/99	Weyerhaeuser 7001 396th S.E. Snoqaulmie WA 98065 (800) 443-9179

I-11 Woven Geotextile Silt Fence
ADOT Specifications: 1014-8
ADOT Drawings: None
Responsible Section: Materials Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
I-11	98001	ProPex 2130	Silt fence	2/03	2/08	Amoco Fabrics & Fibers Co. 260 The Bluffs Austell GA 30168 (800) 445-7732 (770) 944-4584 – Fax
I-11	98-36	GTF 190	Woven geotextile silt fence.	01/06	01/11	LINQ Industrial Fabrics, Inc. 2550 West Fifth North St. Summerville SC 29483-9699 (800) 445-4675 (843) 875-8276 – Fax

I-12 Tackefiers
ADOT Specifications: Road Side Development Evaluation Policy
ADOT Drawings: None
Responsible Section: Materials Group

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

I-13 Erosion Control Straw Blankets
ADOT Specifications: Road Side Development Evaluation Policy
ADOT Drawings: None
Responsible Section: Materials Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
I-13	97055	Biowattle	One hundred percent (100%) flax fiber.	2/03	2/08	SI Geosolutions 355 West Chestnut Street Genesee ID 83832 (800) 882-9489
I-13	97057	Landlok CS2	Seventy percent (70%) straw with netting on both sides. Used for steep slopes.	2/03	2/08	SI Geosolutions 355 West Chestnut Street Genesee ID 83832 (800) 882-9489
I-13	97054	Landlok ENS2	One hundred percent (100%) straw ECB with netting on both sides. For use on slopes with medium run off.	2/03	2/08	SI Geosolutions 355 West Chestnut Street Genesee ID 83832 (800) 882-9489
I-13	95074	Landlok S1	One hundred percent (100%) straw ECB with netting on one side. For use on slopes with moderate run off.	2/03	2/08	SI Geosolutions 355 West Chestnut Street Genesee ID 83832 (800) 882-9489
I-13	97051	Landlok S2	One hundred percent (100%) straw ECB with netting on one side. For use on slopes with medium run off.	2/03	2/08	SI Geosolutions 355 West Chestnut Street Genesee ID 83832 (800) 882-9489

I-14 Erosion Control Hay Bale / Sand Bag Substitutes
ADOT Specifications: Road Side Development Evaluation Policy
ADOT Drawings: None
Responsible Section: Materials Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
I-14	Road Side Dev. Memo 5/18/00	Enviro Berm	Used as substitute for hay bales and sand bags.	9/00	9/05	Cascade Geotechnical, Inc. 15620-121 A Avenue Edmonton Alberta T5V1B5 (780) 454-2400
I-14	03108	EcoBerm and EcoBlanket Compost Material		3/04	3/09	Rexius, Inc 1275 Bailey Hill Rd. Eugene OR 97402 (541) 335-8021 (541) 343-4802 – Fax

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.	11/02	11/07	Dayton Superior Corp., Chemical Operations Specialty Chemical Corp. 4226 Kansas Avenue Kansas City KS 66106 (913) 233 1750 Toll Free (866) 329-8724 (913) 279-4806 - Fax http://www.daytonsuperior.com/
J-1	97-09	14K Hy Flow Grout	Non-shrink grout.	8/02	8/07	Sonnebron/ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-1	02013	Atlas Construction Grout		5/03	5/08	Atlas Tech Products 4640 Brinell Street San Diego CA 92111 (858) 277-2100 (858) 277-0585 - Fax
J-1	94-02	Conpatch V/O	One component, polymer modified cement based, non-shrink grout for vertical and overhead applications.	5/04	5/09	Conspec 4226 Kansas Ave Kansas City Kansas 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.com/
J-1	93-26	Conspec 100 Grout	Non-shrink, non-metallic grout.	3/03	3/08	Conspec 4226 Kansas Ave Kansas City KS 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.com/
J-1	90-52	Conspec Enduro 50 Grout	Structural concrete. patching bond agent to old concrete; non-shrink grout.	3/03	3/08	Conspec 4226 Kansas Ave Kansas City KS 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.com/
J-1	97-10	Construction Grout	Non-shrink grout.	8/02	8/07	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-1	92-01	Crystex		3/03	3/08	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	Dur-O-Wal, Inc. 4260 Westbrook Dr. Suite 120 Aurora IL 60504 (877) 851-8400 (630) 854-0500 – Fax
J-1	89-15	Duragrout		3/03	3/08	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		3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-1	89-40	Embeco 885 Grout		3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-1	04077	Euco Hi-Flow Grout		11/06	11/11	The Euclid Chemical Company 19218 Rewoods Road Cleveland OH 44110 (800) 321-7628
J-1	90-65	Euco N-S Grout		3/04	3/09	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110-2799 (216) 531-9222 (800) 321-7628
J-1	89-41	Masterflow 928 Grout		3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-1	89-09	Masterflow 713 Plus		3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
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	90-45	Rapid Set Cement	Structural concrete patching bond agent for to old concrete, non-shrink grout.	3/03	3/08	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.	3/03	3/08	CTS Cement Manufacturing Co. 11065 Knott Ave. Suite A Cypress CA 90630 (800) 929-3030 Technical Hotline (800) 523-6368 Order Desk
J-1	89-47	Set Grout		3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-1	89-11	SikaGrout 212	Structural concrete. patching bond to old concrete, non-shrink grout.	12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
J-1	94-03	Special Patch	Two components, cement based, non-shrink grout for patching and leveling.	5/04	5/09	Conspec 4226 Kansas Ave Kansas City Kansas 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.com/
J-1	89-52	Speed Crete Red Line		8/03	8/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628
J-1	89-14	Speed Crete Green Line		8/03	8/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628
J-1	88-31	Sure-Grip Utility Grout		3/03	3/08	Dayton Superior Corp., Chemical Operations Specialty Chemical Corp. 4226 Kansas Avenue Kansas City KS 66106 (913) 233 1750 Toll Free (866) 329-8724 (913) 279-4806 – Fax http://www.daytonsuperior.com/

J-1	89-53	Symons Multi-Purpose Construction Grout		3/03	3/08	Dayton Superior Corp., Chemical Operations Specialty Chemical Corp. 4226 Kansas Avenue Kansas City KS 66106 (913) 233 1750 Toll Free (866) 329-8724 (913) 279-4806 – Fax http://www.daytonsuperior.com/
J-1	91-98	Tammsgrout Supreme		8/03	8/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628
J-1	88-23	Thoroc 621 Construction Grout (formely Conbextra 621)		3/98	3/03	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
J-1	88-24	Thoroc 747 Rapid Setting Grout (formely Conbextra 747)		3/03	3/08	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
J-1	92-53	Thoroc HF Precision Grout (formerly Conbextra HE)		1/04	1/09	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
J-1	92-52	ThoRoc S Grout		1/04	1/09	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax

J-2 Portland Cement Concrete Pavement (PCCP) Patching
ADOT Specifications: 402-2.02(A) & (C)
ADOT Drawings: None
Responsible Section: Materials Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
J-2	86-25 03095	Durapatch Hiway	Structural concrete patching bond to old concrete.	3/03	3/08	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 Rewoods Road Cleveland OH 44110 (800) 321-7628

J-2	03119	Horn Grout		11/06	11/11	The Euclid Chemical Company 19218 Rewoods Road Cleveland OH 44110 (800) 321-7628
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	03104	Sikaset Roadway Patch 2000		06/06	06/11	Sika Corporation 201 Polito Avenue Lyndurst NJ 07071 (480) 883-7626 (480) 883-7627
J-2	03105	Sika Quick 2500		06/06	06/11	Sika Corporation 201 Polito Avenue Lyndurst NJ 07071 (480) 883-7626 (480) 883-7627
J-2	92-54	ThoRoc 10-60 (formerly Patchroc 10-60)	Structural concrete patching bond agent for old concrete, one component cementitious repair mortar.	01/04	1/09	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 – Fax

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	Sonnebron/ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
J-3	02014	Atlas Tech Dot Patch		9/03	9/08	Atlas Tech Products 4640 Brinell St. San Diego CA 92111 (858) 277-2100 (858) 277-0585 -- Fax
J-3	96-43	Burke D.O.T. Patch	Structural concrete patching.	2/97	2/02	The Burke Group 22039 S. Westward Avenue Long Beach CA 90810 (800) 423-9140
J-3	85-11	Burke Fast Patch 928	Structural concrete patching expansion by autoclave.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401

J-3	83-69	Burke Non-ferrous	Structural concrete patching expansion by autoclave. Non-shrink grout.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
J-3	92-11	Burke Skimcrete	Low strength concrete patching bond to old concrete. For cosmetic use only.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
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.	3/03	3/08	Edoco 22039 S. Westward Ave. Long Beach CA 90810 (888) 287-5387 (310) 834-3401
J-3	90-52	Conspec Enduro 50 Grout	Structural concrete patching bond agent for old concrete; non-shrink grout.	3/03	3/08	Conspec 4226 Kansas Ave Kansas City KS 66106 (866) 329-8724, ext.204 (913) 279-4806-fax http://www.conspecmkt.com/
J-3	92-01	Crystex	Structural concrete patching bond for old concrete; non-shrink grout.	3/03	3/08	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	Dur-O-Wal, Inc. 4260 Westbrook Dr. Suite 120 Aurora IL 60504 (877) 851-8400 (630) 854-0500 – Fax
J-3	89-15	Duragrout	Structural concrete patching bond agent for old concrete; non-shrink grout.	3/03	3/08	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	1/09	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628

J-3	86-25	Durapatch Hiway	Structural concrete patching bond to old concrete.	3/03	3/08	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.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-3	92-68	Emaco T 415	Structural concrete patching bond agent to old concrete; rapid strength repair mortar.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-3	95-14 94107	Emaco T430	Rapid strength repair mortar.	4/00	4/05	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 – Fax
J-3	86-07	Embeco 885 Grout	Structural concrete patching bond agent to old concrete; metallic aggregate.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-3	89-40	Embeco 885 Grout	Structural concrete patching bond agent to old concrete; non-shrink grout.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-3	89-05	Embeco 636 Plus	Structural concrete patching, non-shrink, metallic aggregate grout.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-3	90-65	Euco N-S Grout	Structural concrete patching bond agent to old concrete; non-shrink grout.	3/04	3/09	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110-2799 (800) 321-7628
J-3	90-66	Euco Verticoat	Structural concrete patching bond agent to old concrete; polymer-modified mortar.	3/04	3/09	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110-2799 (800) 321-7628

J-3	98-28	Euco-Speed	Rapid setting patching mortar.	9/03	9/08	Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110-2799 (800) 321-7628
J-3	98-28	Euco-Speed MP	Magnesium phosphate patching mortar.	9/03	9/08	Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110-2799 (800) 321-7628
J-3	90-67	Eucocrete	Structural concrete patching bond agent to old concrete	3/04	3/09	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110-2799 (800) 321-7628
J-3	87-04	HD DOT Patch	Structural concrete patching bond agent to old concrete.	3/03	3/08	Dayton Superior Corp., Chemical Operations Specialty Chemical Corp. 4226 Kansas Avenue Kansas City KS 66106 (913) 233 1750 Toll Free (866) 329-8724 (913) 279-4806 - Fax http://www.daytonsuperior.com/
J-3	89-41	Masterflow 928 Grout	Non-shrink grout (See also Category J-1)	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-3	89-09	Masterflow 713 Plus	Structural concrete patching bond to old concrete; non-shrink grout.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
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.	06/05	06/10	Conspec 4426 Kansas Ave Kansas City KS 66106 913-233-1750
J-3	91-88	Polygrout	Machinery bearing grout bond agent to old concrete; three-component grout.	8/03	8/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628
J-3	89-23	POLYPATCH	Structural concrete patching bond agent for old concrete.	3/03	3/08	Symons, A Dayton Superior Corp., Chemical Operations Specialty Chemical Corp. 4226 Kansas Avenue Kansas City KS 66106 (913) 233 1750 Toll Free (866) 329-8724 (913) 279-4806 - Fax

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	91-08	PS-1	Low strength concrete; patching bond agent to old concrete; cementitious patching compound.	6/99	6/04	Polytech 2520 San Fernando Road Los Angeles CA 90065 (800) 252-0180
J-3	91-10	PS-5	Structural concrete; patching bond agent to old concrete; polymer patching compound.	6/99	6/04	Polytech 2520 San Fernando Road Los Angeles CA 90065 (800) 252-0180
J-3	91-11	PS-9	Structural concrete; patching bond agent to old concrete; cementitious patching compound.	6/99	6/04	Polytech 2520 San Fernando Road Los Angeles CA 90065 (800) 252-0180
J-3	90-47 93012	Rapid Set Concrete Mix	Low strength concrete; patching, bond agent to old concrete.	3/03	3/08	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.	3/03	3/08	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		3/03	3/08	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.	3/03	3/08	CTS Cement Manufacturing Co. 11065 Knott Ave. Suite A Cypress CA 90630 (800) 929-3030 Technical Hotline (800) 523-6368 Order Desk
J-3	85-12	Sealtight Future Concrete Patch	Structural concrete; patching expansion by autoclave.	01/06	01/11	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.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-3	87-08	Set Grout	Structural concrete; patching bond agent to old concrete.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-3	89-47	Set Grout	Structural concrete; patching bond agent to old concrete; non-shrink grout.	3/03	3/08	ChemRex Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax http://www.chemrex.com/
J-3	03104	Sika Quick 2500		06/06	06/11	Sika Corporation 201 Polito Avenue Lyndurst NJ 07071 (480) 883-7626 (480) 883-7627
J-3	98-18	Sika Repair 222	Patching material.	12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
J-3	03104	Sikaset Roadway Patch 2000		06/06	06/11	Sika Corporation 201 Polito Avenue Lyndurst NJ 07071 (480) 883-7626 (480) 883-7627
J-3	83-44	Sika Top 121	Structural concrete; patching bond agent to old concrete; mortar/binder.	12/04	12/09	Sika Corp. 6 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
J-3	97-20	Sika Top 121 Plus	Leveling and pour sealing mortar with penetrating corrosion inhibitor.	1/04	1/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
J-3	83-45	Sika Top 122	Structural concrete; patching bond agent to old concrete; repair mortar.	12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com

J-3	97-21	Sika Top 122 Plus	Fast setting, trowel-grade mortar.	12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
J-3	83-46	Sika Top 123	Structural concrete; patching bond agent to old concrete; gel mortar.	12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
J-3	83-43	Sika Top III	Structural concrete; patching, bond agent to old concrete; self-leveling mortar.	12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
J-3	97-19	Sika Top III Plus	Fast setting, screed mortar plus penetrating corrosion inhibitor.	1/04	1/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
J-3	89-11	SikaGrout 212	Structural concrete; patching bond agent to old concrete; non-shrink grout.	12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
J-3	98-17	Sikatop 123 Plus	Two component patching material.	5/03	5/08	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
J-3	97-13	Sonogrout 10-K	Non-shrink grout.	1/04	1/09	Sonnebron/ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
J-3	89-52	Speed Crete Red Line	Structural concrete; patching bond agent to old concrete; non-shrink grout.	8/03	8/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628
J-3	89-14	Speed Crete Green Line	Non-shrink grout.	8/03	8/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628

J-3	93-25	Sto Flowable Mortar-One Component (Powermix Screed)	One component, polymer modified cement based, semi-self leveling screen, bonding agent to old concrete.	6/99	6/04	Sto Corp – Concrete Restoration Division 3800 Camp Creek Parkway, Building 1400, Suite 120 Atlanta GA 30331-8039 (404) 346-0755 (800) 542-3057 (404 346-3119 - Fax
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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
J-3	87-07	Sure-Grip Grout	Structural concrete; patching bonding agent to old concrete.	3/03	3/08	Dayton Superior Corp., Chemical Operations Specialty Chemical Corp. 4226 Kansas Avenue Kansas City KS 66106 (913) 233 1750 Toll Free (866) 329-8724 (913) 279-4806 – Fax http://www.daytonsuperior.com/
J-3	88-31	Sure-Grip Utility Grout	Structural concrete; patching non-shrink grout.	3/03	3/08	Dayton Superior Corp., Chemical Operations Specialty Chemical Corp. 4226 Kansas Avenue Kansas City KS 66106 (913) 233 1750 Toll Free (866) 329-8724 (913) 279-4806 – Fax http://www.daytonsuperior.com/
J-3	89-53	Symons Multi-Purpose Construction Grout	Structural concrete; patching bond agent to old concrete; non-shrink grout.	3/03	3/08	Dayton Superior Corp., Chemical Operations Specialty Chemical Corp. 4226 Kansas Avenue Kansas City KS 66106 (913) 233 1750 Toll Free (866) 329-8724 913) 279-4806 – Fax http://www.daytonsuperior.com/
J-3	91-98	Tammsgrout Supreme	Structural concrete; patching bond agent to old concrete; non-shrink grout.	8/03	8/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628

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	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (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	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
J-3	88-23	Thoroc 621 Construction Grout (formely Conbextra 621)	Structural concrete; patching non-shrink grout.	3/98	3/03	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
J-3	88-24	Thoroc 747 Rapid Setting Grout (formely Conbextra 747)	Structural concrete patching; non-shrink grout.	3/03	3/08	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (952) 496-6069 - Fax
J-3	92-53	Thoroc HF Precision Grout (formerly Conbextra HE)		1/04	1/09	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (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	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (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	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (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	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (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	ChemRex, Inc. 889 Valley Park Drive Shakopee MN 55379 (800) 243-6739 (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	90-68	Sikacem 103		12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
J-4	90-69	Sikacem 133		12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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	84-51	Daracem 100	High range.	4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 - Fax
K-1	99-13	Edecon Chemcon N		11/99	11/04	Concrete Controls 200 Industrial Avenue New Orleans LA 70121 (504) 831-2961
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.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-1	87-16	Masterpave-N	Normal range.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-1	97-33	Eucon HC		2/03	2/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax

K-1	97-34	Eucon HW		2/03	2/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-1	97-35	Eucon LR		2/03	2/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-1	97-36	Eucon NR		2/03	2/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 ((800) 321-7628 (216) 531-9399 – Fax
K-1	97-37	Eucon NW		2/03	2/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-1	97-38	Eucon SP		2/03	2/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-1	01-01 01031	Eucon SPC	See also Category K-6.	2/02	2/07	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-1	97-40	Eucon X15		2/04	2/09	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-1	98-31	Eucon-LW		9/03	9/08	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-1	86-49	Plastocrete 169	Normal range.	12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
K-1	93-37	Polyheed 977	Normal range.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/

K-1	97-04	Pozzolith 200-N	Normal range.	8/02	8/07	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-1	83-02	Pozzolith 220 N (a.k.a. LL-819)	Normal range.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-1	95-21	Pozzolith 220-N	Normal range.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-1	92-14	Pozzolith 300-N	Normal range.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-1	95-24	Pozzolith 300-N	Normal range.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-1	92-41	Pozzolith 322-N	Normal range.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-1	95-23	Pozzolith 80	Normal range.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-1	88-18	Daracem-19	High range.	4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-1	88-13	WRDA-20	Normal range.	4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-1	04070	WRDA 27		11/06	11/11	W.R. Grace and Company 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555

K-1	91-52	WRDA-64, Type A	Normal range. AASHTO total solids: 39.5-44.5%	4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-1	86-31	WRDA-82	Normal range.	4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 - Fax
K-1	00-13 01019	Eucon X 20	Mid-range water-reducing admixture.	01/06	01/11	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-1	01092	Daracem 55	Mid-range water reducing admixture	2/03	2/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-1	03042	Mira 85	Mid-range water reducing admixture	3/04	3/09	W. R. Grace & Company 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-1	05012	Zyla 610		11/06	11/11	W.R. Grace and Company 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555

K-2 Retarding - Type B
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-2	75-08 and 93-55	Daratard 17, Typy D	AASHTO total solids: 46.5-51.5%	4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 - Fax
K-2	90-56	Delvo Stabilizer	Set retarder, hydration stabilizer.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-2	89-63	Borem RD2	High range.	3/03	3/08	Borden & Remington Corp. 106 Ferry Street Fall River MA 02722 (800) 543-5393

K-2	86-30	Pozzolith 100-XR		3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-2	97-04	Pozzolith 200-N	Normal range.	8/97	8/07	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-2	92-47	Recover		12/03	12/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax

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		06/06	06/11	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-3231 (216) 531-9399 - Fax
K-3	83-22	Darex Corrosion Inhibitor		4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-3	93-59	DCI Corrosion Inhibitor		4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-3	93-06	HICO Set 900		4/03	4/08	Hill Brothers Chemical Co. 1675 North Main Street Orange CA 92667 (714) 998-8800 (714) 998-6310 – Fax
K-3	94-09	Polarset		4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-3	97-18	Pozzolith NC 534	Accelerating, Type C.	11/02	11/07	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/

K-3	88-02	Pozzutec 20		3/03	3/08	BASF Admixtures, Inc. 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 Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-3	01111	Eucon CIA		2/03	2/08	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax

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	75-08 and 93-55	Daratard-17, Type D	AASHTO total solids: 46.5-51.5%	4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 - Fax
K-4	90-56	Delvo Stabilizer	Set retarder, hydration stabilizer.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-4	99-14	Edecon RI-L18		11/99	11/04	Concrete Controls 200 Industrial Avenue New Orleans LA 70121 (504) 831-2961
K-4	93-36	Fritz FR-1		4/00	4/05	Fritz-Pak Corporation 11220 Grader Street Suite 600 Dallas TX 75238 (214) 221-9494 (888) 746-4116 (214) 349-3182 – Fax http://www.fritzpak.com/
K-4	83-17	Pozzolith-80		3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/

K-4	83-24	Pozzolith -82		3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-4	83-24	Pozzolith -82		3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-4	97-35	Eucon LR		2/03	2/08	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-4	97-36	Eucon NR		2/03	2/08	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-4	97-39	Eucon TR		2/04	2/09	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-4	86-40	Plastiment		12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
K-4	86-30	Pozzolith 100-XR		3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-4	97-04	Pozzolith 200-N	Normal range.	8/02	8/07	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-4	83-18	Pozzolith 300-R		3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-4	92-47	Recover		4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 - Fax

K-4	00-09 99086	Fritz-Pak Standard Delay Set	Water-reducing set-retarder.	9/00	9/05	Fritz-Pak Corporation 11220 Grader Street Suite 600 Dallas TX 75238 (214) 221-9494 (888) 746-4116 (214) 349-3182 – Fax http://www.fritzpak.com/
K-4	01102	Eucon Retarder 100		2/03	2/08	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-4	01105	Eucon WR 91		2/03	2/08	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax

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		06/06	06/11	The Euclid Chemical Company 19218 Redwood Road Cleveland OH 44110 (800) 321-3231 (216) 531-9399 - Fax
K-5	93-06	HICO Set 900		11/05	11/10	Hills Bros. Chemical Co. 1675 North Main Street Orange CA 92667
K-5	97-32	Eucon ACN		2/04	2/09	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-5	88-02	Pozzutec 20		3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-5	02120	Pozzutec 20+		5/03	5/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/

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

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
K-6	99-18	ADVA 100	High range.	4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-6	89-61	Borem 100 HML	High range.	3/03	3/08	Borden & Remington Corp. 106 Ferry Street Fall River MA 02722 (800) 543-5393
K-6	89-62	Borem RD1	High range.	3/03	3/08	Borden & Remington Corp. 106 Ferry Street Fall River MA 02722 (800) 543-5393
K-6	97-41	Borem RD1		3/03	3/08	Borden & Remington 106 Ferry Street P.O. Box 2573 Fall River MA 02722 (800) 543-5393
K-6	84-51	Daracem 100	High range.	4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-6	95-26	Daracem ML330	High range.	4/03	4/08	W.R. Grace & Co. Construction Products 62 Whittemore Ave. Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-6	95-27	Daracem ML500	High range.	4/03	4/08	W.R. Grace & Co. Construction Products 62 Whittemore Ave. Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-6	88-18	Daracem-19	High range.	4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-6	99-15	Edecon Chemwet FP		11/99	11/04	Concrete Controls, Inc. 200 Industrial Avenue New Orleans LA 70121 (504) 831-2961

K-6	97-38	Eucon SP		2/03	2/08	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-6	94-14	Polyheed 997		3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-6	83-07	Pozzolith 400 N	High range.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-6	88-03	Pozzolith 440-N	High range.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-6	95-22	Pozzolith 440-N	High range.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-6	94-13	Pozzolith Polyheed		3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-6	94-29	Rheobuild 1000		5/04	5/09	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-6	86-41	Sikament 300	High range.	12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
K-6	05017	Sikament 686		11/06	11/11	Sika Corporation 201 Polito Avenue Lyndhurst NJ 07071 (201) 933-8800
K-6	05018	Sika ViscoCrete 4100		11/06	11/11	Sika Corporation 201 Polito Avenue Lyndhurst NJ 07071 (201) 933-8800

K-6	99-22	SP1000	High range.	2/00	2/05	General Redi-Chem, Inc. 360 State Highway 31 South Suite 300 Washington NJ 07882
K-6	93-40	Supercizer #1	High range.	4/00	4/05	Fritz-Pak Corporation 11220 Grader Street Suite 600 Dallas TX 75238 (214) 221-9494 (888) 746-4116 (214) 349-3182 – Fax http://www.fritzpak.com/
K-6	93-41	Supercizer #5	High range.	4/00	4/05	Fritz-Pak Corporation 11220 Grader Street Suite 600 Dallas TX 75238 (214) 221-9494 (888) 746-4116 (214) 349-3182 – Fax http://www.fritzpak.com/
K-6	93-42	Supercizer #6	High range.	6/04	6/09	Fritz-Pak Corporation 11220 Grader Street Suite 600 Dallas TX 75238 (214) 221-9494 (888) 746-4116 (214) 349-3182 – Fax http://www.fritzpak.com/
K-6	00-13	Eucon X 20	Mid-range water-reducing admixture.	01/06	01/11	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-6	01107	Eucon A+		2/03	2/08	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-6	01108	Eucon 1037		2/03	2/08	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-6	01109	Eucon MR		2/03	2/08	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax

K-6	01110	Eucon 37		2/03	2/08	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-6	01090	ADVA Cast		2/03	2/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-6	01091	ADVA Flow		2/03	2/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-6	01113	Glenium 3030 NS		9/03	9/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-6	01114	Glenium 3000 NS		9/03	9/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-6	03042	Mira 85		3/04	3/09	W. R. Grace & Company 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-6	03114	ADVA CAST 540		3/05	3/10	W.R. Grace and Company 62 Whittemore Avenue Cambridge MA 02140
K-6	03113	ADVA Cast 530		3/05	3/10	W.R. Grace and Company 62 Whittemore Avenue Cambridge MA 02140
K-6	03093	ADVA 170		3/05	3/10	W.R. Grace and Company 62 Whittemore Avenue Cambridge MA 02140
K-6	03066	Sika ViscoCree 6100		3/05	3/10	Sika Corporation 201 Polito Avenue Lyndhurst NJ 07071
K-6	03041	ADVA Cast 500		3/05	3/10	W.R. Grace and Company 62 Whittemore Avenue Cambridge MA 02140
K-6	03051	WRDA with HYCOL		3/05	3/10	W.R. Grace and Company 62 Whittemore Avenue Cambridge MA 02140

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	84-51	Daracem 100	High range.	4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-7	99-16	Edeco Slump Mix-C		11/99	11/04	Concrete Controls, Inc. 200 Industrial Avenue New Orleans LA 70121 (504) 831-2961
K-7	89-62	Borem RD1	High range.	3/03	3/08	Borden & Remington Corp. 106 Ferry Street Fall River MA 02722 (800) 543-5393
K-7	97-41	Borem RD1		3/03	3/08	Borden & Remington 106 Ferry Street P.O. Box 2573 Fall River MA 02722 (800) 543-5393
K-7	91-99	Rheobuild 716-I	High range.	3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-7	86-16	Sikament 320	High range.	12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com

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	99-23	Aero 2000		2/00	2/05	General Redi-Chem Inc. 360 State Highway 31 South Suite 300 Washington NJ 07882
K-8	80-29	Daravair AT60		4/03	4/08	W.R. Grace 4220 West Glennrosa Avenue Phoenix AZ 85019 (602) 233-1976

K-8	97-17	Daravair AT60		4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-8	80-16	Daravair M		4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-8	90-55	Darex II AEA		4/03	4/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax
K-8	99-17	Edecon NVR		11/99	11/04	Concrete Controls, Inc. 200 Industrial Avenue New Orleans LA 70121 (504) 831-2961
K-8	93-34	Fritz Air Plus		4/00	4/05	Fritz-Pak Corporation 11220 Grader Street Suite 600 Dallas TX 75238 (214) 221-9494 (888) 746-4116 (214) 349-3182 – Fax http://www.fritzpak.com/
K-8	93-35	Fritz Super Air Plus		4/00	4/05	Fritz-Pak Corporation 11220 Grader Street Suite 600 Dallas TX 75238 (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)		4/04	4/09	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-8	89-01	MB-VR Standard		3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/

K-8	86-09	Micro-Air		3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-8	89-02	Micro-Air		3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-8	97-31	Eucon Air 40		2/04	2/09	The Euclid Chemical Company 19218 Redwood Road Cleveland, OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-8	87-14	Pave-Air		3/03	3/08	BASF Admixtures, Inc. 23700 Chagrin Blvd. Cleveland OH 44122-5554 (800) 628-9990 http://www.masterbuilders.com/
K-8	86-17	Sikamix 104 Sika AER		12/04	12/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.com
K-8	01100	Air Mix 200		2/03	2/08	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-8	01101	AEA-92S		2/03	2/08	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-8	01106	AEA-92		2/03	2/08	The Euclid Chemical Co. 19218 Redwood Road Cleveland OH 44110 (800) 321-7628 (216) 531-9399 – Fax
K-8	94-12	Daravair 1000		6/03	6/08	W.R. Grace & Co. 62 Whittemore Avenue Cambridge MA 02140 (617) 498-4555 (617) 234-7576 – Fax

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		06/06	06/11	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®		06/06	06/11	Saint-Gobain Specialty Reinforcements 122 W. John Carpenter Fwy, Suite 535 Irving TX 75039 (972) 717-4581 (309) 214-2000 - Fax

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

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		1/04	1/09	Grigg's Paint 3635 South 16th Street Phoenix AZ 85040-1305 (602) 243-3293

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		4/03	4/08	**Frazee Industries, Inc.** 6625 Miramar Road San Diego CA 92121
M-2	89-45	Canyon Tone Stain "W"		3/03	3/08	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
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
M-2	89-43	Hydro-Acrylic Stain		1/04	1/09	Grigg's Paint 3635 South 16th Street Phoenix AZ 85040-1305 (602) 243-3293
M-2	92-04	Hydro-Acrylic Stain Flat (Product Code 300-65)		1/04	1/09	Grigg's Paint 3635 South 16th Street Phoenix AZ 85040 (602) 243-3293
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	6/95	6/00	Sherwin-Williams Company 101 Prospect Ave. N.W. Cleveland OH 44115
M-2	96-40	Spectra-Tone Product #619A Acrylic Emulsion Paint (TT-P-19D)	Water base	2/02	2/07	Spectra-Tone Paint Corp. 1595 East San Bernadino Avenue San Bernadino CA 92408 Attn: William P. Girdwood
M-2	91-34	TT-P-19D	Exterior acrylic emulsion	3/03	3/08	Pioneer Paint 3755 East 43rd Place Tucson AZ 85713 (520) 571-1800
M-2	97-16	Universal Paint Code 269	Multi-surface flat acrylic	11/97	11/02	K.M. Universal Paint Company 10658 North 19thAvenue Phoenix AZ 85029

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	04001	KBP 103		12/05	12/10	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 Corporation 201 Polito Avenue Lyndhurst NJ 07071 480-883-7626 480-883-7627-Fax

M-3	96-42	Sika Pronto 19	Penetrating crack sealer.	1/04	1/09	Sika Corp. P.O. Box 297 Lyndhurst NJ 07071-0297 (201) 933-8800 (201) 804-1076 – Fax http://www.sikaUSA.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	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	9/03	9/08	Carthage Mills 4243 Hunt Road Cincinnati OH 45242 (800) 543-4430 (513) 794-3434 – Fax
N-1	91-42	Mirafi 140 NL	Non-woven polypropylene fabric	3/03	3/08	Mirafi® Construction Products A Division of Ten Cate Nicolon USA 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
N-1	93-14	ProPex 4599	Woven polypropylene fabric	3/03	3/08	Amoco Fabrics & Fibers Co. 260 The Bluffs Austell GA 30168 (800) 445-7732 (770) 944-4584 – 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		Corvel Green 10-6071		11/99	11/04	Morton International Inc. 3507 Tussel Street Naperville IL 60564 (630) 922-3476
O-1		Nap-Gard 7-2719		3/03	3/08	DuPont Powder Coatings, U.S.A. 9800 Gernard Road Houston TX 77041 (713) 939-4025
O-1		Greenbar 720A009		3/01	3/06	Valspar Corporation 1136 Fayette Street N. Kansas City MO 64116 (816) 421-7400
O-1		Scotchkote 215		3/03	3/08	3M 6801 River Place Boulevard Austin TX 78726 (512) 984-1800
O-1	04050	Skotchkote 413		9/04	9/09	3M 6801 River Place Boulevard 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	04044	ADATILE		9/04	9/07	ADA Solutions, Inc 1 Survey Circle N. Billerica MA 01862 (800) 372-0519
P-1	04048	Armor-Tile Tactile Systems		9/04	9/07	Engineered Plastics 300 International Drive suite 100 Williamsville NY 14221 (800) 682-2525
P-1	04054	EZ-SetCeramic Composite Panels		9/04	9/07	Detectqble Warning Systems Inc 6435 Joshua Tree Avenue Orange CA 92867 (866) 999-7452
P-1	05009	EJIW 7005 Series Truncated Dome		3/05	3/08	East Jordan Iron Works 304-B South 67th Avenue Phoenix Arizona 85043
P-1	05051	Granite Truncated Dome Pavers		3/06	3/09	Cold Spring Granite Company 202 S. Third Avenue Cold Spring, MN 56320 (320) 685-4847 (320) 685-4877-Fax

P-1	05013	Integradome	Use of this product is limited to retrofits of existing, non-grooved sidewalk ramps.	9/06	9/09	EverTec, Inc. 6863 W Frier Drive Glendale AZ 85303 (623) 463-3308 (623) 939-8404 -Fax
P-1	04071	Masco CASTinTact		3/05	3/08	Masons Supply Company 2637 Southeast 12th Avenue Portland OR 97202
P-1	05057	Neenah Detectable Warning Plate		3/06	3/09	Neenah Foundry Company 2121 Brooks Ave Neenah WI 54956 (920) 729-3847 (920) 729-3827
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		6/06	6/09	Transpo Industries 20 Jones St. New Rochelle NY 10801 (914) 636-1000 (914) 636-1282 - Fax
P-1	04069	TekWay Detectable Warning		3/05	3/08	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		9/88		

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	9/88		

Q-2		2, 4-DP	Dicot	9/88		
Q-2		Cacodylic Acid	Non-selective	9/88		
Q-2		Dicamba	Dicot	9/88		
Q-2		Diquat		9/88		
Q-2		Fluazifop Butyl	Monocot	9/88		
Q-2		Fosamine	Dicot	9/88		
Q-2		Glyphosate	Non-selective	9/88		
Q-2		MCPP	Dicot	9/88		
Q-2		Oxyflourfen	Annual	9/88		
Q-2		Sethoxydim	Monocot	9/88		
Q-2		Triclopyr	Dicot	9/88		

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	9/88		
Q-3		Chlorosulfuron	Dicot preemergent	9/88		
Q-3		Dicamba	Dicot	9/88		
Q-3		HexaziN/A	Non-selective	9/88		
Q-3		Imazapyr	Non-selective	9/88		
Q-3		Oryzalin	Non-selective	9/88		
Q-3		Oxyflourfen	Annual	9/88		
Q-3		Simazine	Non-selective	9/88		
Q-3		Sulfometuron Methyl	Non-selective pre-post	9/88		
Q-3		Tebuthiuron	Non-selective	9/88		

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

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
R-1	92035	Desert Bloom	For landscape planting and hydroseeding	6/99	6/04	Hydro-Soil International P.O. Box 911 Kingfisher OK 73750 (405) 375-3964

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
R-2		Slow release fertilizer with IBDU	25-4-8	10/96	9/01	Professional Products P.O. Box 208 Bartow FL 33830-0208 (813) 533-0208

R-2		Sulfur	Granular – Disper-sul	3/01	3/06	Martin Resources, Inc. P.O. Box 191 Kilgore TX 75647 (800) 231-4595

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	Bar Grip, Grade 60	Swaged mechanical coupler	3/03	3/08	Barsplice Products, Inc. 1300 Grange Hall Road Beavercreek OH 45430 (937) 427-6466
S-1	98-01	Bar-Lock MBT Couplers	Mechanical splice FOR SIZE #10 ONLY	05/01	05/06	Bar-Lock Coupler Systems P.O. Box 28280 Bellingham WA 98228 www.barlock.com
S-1	93-11	Barsplicer, Grade 60	Threaded mechanical connector	3/03	3/08	Barsplice Products, Inc. 1300 Grange Hall Road Beavercreek OH 45430 (937) 427-6466
S-1	90-35	DB-SAE Dowel Bar Splicer		3/98	3/03	Richmond Screw Anchor Co. 7214 Burns Street, Richland Hills Fort Worth TX 76118 (817) 284-4981
S-1	93-12	Grip-Twist, Grade 60	Swaged and threaded mechanical connectors	3/03	3/08	Barsplice Products, Inc. 1300 Grange Hall Road Beavercreek OH 45430 (937) 427-6466
S-1	91-04	Quick Wedge	Rebar splicer	5/00	5/05	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	1/04	1/09	Meadow-Burke 7000 Will Rogers Blvd. Fort Worth TX 76140 (800) 727-3227
S-1	97-08	ZAP Screwlok Coulers	Mechanical connection system	11/02	11/07	Barsplice Products, Inc. 1300 Grange Hall Road Beavercreek OH 45430 (937) 427-6466
S-1	99-02	Lenton Couplers	Mechanical splicers	5/04	5/09	Erico Product, Inc. 34600 Solon Road Solon OH 44139 (800) 248-2677 (800) 462-4712 – Fax

S-1	02117	Taper Threaded Grip-Twist		5/03	5/08	Barsplice Products, INC. 1300 Grange Hall Road Beavercreek OH 45430 (937) 427-6446 (937) 427-6470

S-2 Bridge Joint System (Comression 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		N/A				

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-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	96-07	Acrylex Acrylic Paint System		3/01	3/06	United Coatings 19011 E. Cataldo Greenacres WA 99016 (800) 541-4383 (509) 928-1116 – Fax
T-2	96-03	Griggs Hydro-Acrylic Paint System		2/01	2/06	Griggs Paint Company 3635-1 South 16th Street Phoenix AZ 85040-1305 (602) 243-3293 (602) 268-6801 – Fax http://www.griggspaint.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	96-05	Intercryl 500 Series Acrylic Paint System		3/96	3/01	International Protective Coatings 400 South 13th Street Louisville KY 40203
T-2	96-29	Pervo Aluminum Water-Borne Paint System	1 coat PWB-145 red primer, 2 mils DFT 1 coat PWB-146 pink primer, 2 mils DFT 1 coat PWB-159B non-leafing aluminum, 2 mils DFT 1 coat PWB-160 leafing aluminum, 2 mils DFT	11/96	11/01	Pervo Paint Company 6624 Stanford Avenue Los Angeles CA 90001 (800) 892-3647
T-2	96-28	Pervo Water-Borne Paint System	1 coat PWB-145 red primer, 2 mils DFT 1 coat PWB-146 pink primer, 2 mils DFT 1 coat PWB-82 green finish, 2 mils DFT	11/96	11/01	Pervo Paint Company 6624 Stanford Avenue Los Angeles CA 90001 (800) 892-3647
T-2	93-36	Pioneer Paint System #2	1 coat Acrylic busan gray primer 2 mils DFT 1 coat 7500 acrylic gloss enamel (color # 10318), 2 mils DFT	2/01	2/06	Pioneer Paint of Arizona, Inc. 3755 East 42nd Place Tucson AZ 85713 (520) 571-1800
T-2	93-37	Pioneer Paint System #3	1 coat 96003 gray acrylic latex primer, 2 mils DFT 1 coat 7500 acrylic enamel (1/2 color) 2 mils DFT 1 coat 7500 acrylic gloss enamel (color # 10318), 2 mils DFT	2/01	2/06	Pioneer Paint of Arizona, Inc. 3755 East 42nd Place Tucson AZ 85713 (520) 571-1800
T-2	96-31	90-Series DTM Primer/ Finish	3 coat primer/finish, 2 mils DFT each	12/01	12/06	Pittsburgh Paints One PPG Place Pittsburgh PA 15272 (800) 441-9695 http://www.pittsburghpaints.com
T-2	96-32	90-474 Series DTM Stain	1 coat primer/finish, 2 mils DFT, 2 coats satin topcoat, 2 mils DFT each	12/01	12/06	Pittsburgh Paints One PPG Place Pittsburgh PA 15272 (800) 441-9695 http://www.pittsburghpaints.com
T-2	96-33	Plascron Paint System	1 coat Gray Primer, 2 mils DFT, 2 coats Silver finish, 2 mils DFT each	3/01	3/06	Vanex Coatings, Inc. 1700 South Shawnee Street Mount Vernon IL 62864 (618) 244-1414 (618) 244-1461 – Fax

T-2	96-06	Sherwin-Williams DTM Acrylic 2-Part Coating System		3/01	3/06	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 98077	Acrylic Metal Primer #561	Fast drying interior/exterior acrylic metal primer.	11/05	11/10	Frazee Industries, Inc. 2131 E. Jackson Phoenix AZ 85034 (602) 275-5444 (602) 244-2715 - Fax
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		2/03	2/08	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		2/03	2/08	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		2/03	2/08	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
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

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 Sulpher Compound No. 600	Sulfur based capping compound. Compressive strength test	1/04	1/09	Sauereisen Cements Co. 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	3/03	3/08	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	3/03	3/08	Jatco, Inc. 725 Zwissig Way Union City CA 94587 (800) 445-2826
U-2	93-18	Econ-O-Mold	Compressive strength test	3/03	3/08	Deslauriers, Inc. P.O. Box 189 Bellwood IL 60104 (708) 544-4455
U-2	90-60	On-Spec Plastic Cylinder Molds	Compressive strength test	3/03	3/08	On-Spec Manufacturing Co. P.O. Box 990 Jacksonville TX 75766 (800) 456-7285

U-3 Reuseable 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		N/A				

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		N/A				

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.	01/06	01/11	Uretek U.S.A., Inc. P.O Box 1929 Tomball, TX 77377-1929 (281) 351-7800

Category: V – Traffic Control Materials

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	3/03	3/08	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	10/05	10/10	Trinity Highway Safety Products, Inc. 2525 Stemmons Freeway Dallas TX 75207 (800) 527-6050 (214) 589-8423 - Fax
V-1	96119	N.E.A.T.	NCHRP 350 TL2 compliant	12/02	12/07	Energy Absorption Systems, Inc. One East Wacker Drive Chicago IL 60601-2076 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-1	96043	QuadGuard	NCHRP 350 TL3 compliant	3/03	3/08	Energy Absorption Systems, Inc. One East Wacker Drive Chicago IL 60601-2076 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/

V-1	97077	QuadGuard Wide 69-90	NCHRP 350 TL3 compliant	12/02	12/07	Energy Absorption Systems, Inc. One East Wacker Drive Chicago IL 60601-2076 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-1	98069	Quad Guard 69/90-LMC Wide	NCHRP 350 TL3 compliant	12/03	12/08	Energy Absorption Systems, Inc. One East Wacker Drive Chicago IL 60601-2076 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-1	98060	Quad Guard LMC	NCHRP 350 TL3 compliant	12/03	12/08	Energy Absorption Systems, Inc. One East Wacker Drive Chicago IL 60601-2076 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-1	96095	REACT 350-4	NCHRP 350 TL2 compliant Maximum operational speed 70 km/h (45 mph)	2/01	2/06	Energy Absorption Systems, Inc. One East Wacker Drive Chicago IL 60601-2076 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-1	96094	REACT 350-6	NCHRP 350 TL2 compliant Maximum operational speed 90 km/h (55 mph)	2/01	2/06	Energy Absorption Systems, Inc. One East Wacker Drive Chicago IL 60601-2076 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-1	95048	REACT 350-9	NCHRP 350 TL3 compliant 9-bay unit only	01/06	01/11	Energy Absorption Systems, Inc. One East Wacker Drive Chicago IL 60601-2076 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-1	04010	SCI 100 GM	May be specified at high-speed, high crash-frequency locations. See “Crash Cushion Selection Procedure” Design Memo (September 2006) and Crash Cushion Selection Procedure, 2006 (Roadway Design website) for additional information.	10/04	10/09	SCI Products Inc. 635 Lucknow Road Harrisburg, PA 17110
V-1	03022 05042	SHORTRACC	NCHRP 350 TL2 compliant	10/05	10/10	Trinity Highway Safety Products, Inc. 2525 Stemmons Freeway Dallas TX 75207 (800) 527-6050 (214) 589-8423 - Fax
V-1	98112 05042	TRACC	NCHRP 350 TL3 compliant	10/05	10/10	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	4/03	4/08	Barrier Systems, Inc. 180 River Road Rio Vista CA 94571-1208 (510) 733-9656 (510) 733-5761 - Fax
V-1	03006 05042	WideTRACC	NCHRP 350 TL3 compliant	10/05	10/10	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		9/02	9/07	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	6/03	6/08	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	01/06	01/11	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	2/02	2/07	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		Energite III	NCHRP 350 TL3 compliant	01/06	01/11	Energy Absorption Systems, Inc. One East Wacker Drive Chicago IL 60601-2076 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/

V-3	92060	Fitch Universal Module	NCHRP 350 TL3 compliant	01/06	01/11	Energy Absorption Systems, Inc. One East Wacker Drive Chicago IL 60601-2076 (312) 467-6750 (312) 467-1356 – Fax http://www.energyabsorption.com/
V-3	98079	Traffix Sand Barrel System – SBS	NCHRP 350 TL3 compliant	12/03	12/08	TrafFix Devices, Inc. 220 Calle Pintoresco San Clemente CA 92672 (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	04/06	04/11	Brifen USA, Inc. 9215 S Shields Boulevard Oklahoma City OK 73160 (405) 793-9500 (405) 799-3808 – Fax
V-4A	03024	Brifen Wire Rope Safety Fence (WRSF), 4-Wire System	NCHRP 350 TL3 compliant	4/03	4/08	Brifen USA, Inc. 9215 S Shields Boulevard Oklahoma City OK 73160 (405) 793-9500 (405) 799-3808 – Fax
V-4A	06003	Brifen Wire Rope Safety Fence (WRSF), 3-Wire System	NCHRP 350 TL3 compliant	04/06	04/11	Brifen USA, Inc. 9215 S Shields Boulevard Oklahoma City OK 73160 (405) 793-9500 (405) 799-3808 – Fax
V-4A	06019	CASS	NCHRP 350 TL3 compliant 3-Wire System	7/06	7/11	Trinity Highway Safety Products, Inc 5216 Brassifield Drive Olympia WA 98501 (360) 943-9559
V-4A	05045	Gibraltar Cable Barrier System	NCHRP 350 TL3 compliant 3-Wire System	01/06	01/11	Gibraltar 320 Southland Road Burnet TX 78611 (800) 495-8957 (512) 756-1865
V-4A	04038	Safence II	NCHRP 350 TL3 compliant 3-Wire System	04/06	04/11	Safence Inc. 46-04 245th Street Douglaston NY (718) 229-0046 (718) 225-2845-Fax

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	04/06	04/11	Brifen USA, Inc. 9215 S Shields Boulevard Oklahoma City OK 73160 (405) 793-9500 (405) 799-3808 – Fax
V-4B	06020	Cass	NCHRP 350 TL4 compliant 3-Wire System	7/06	7/11	Trinity Highway Safety Products, Inc 5216 Brassifield Drive Olympia WA 98501 (360) 943-9559
V-4B	05045	Gibraltar Cable Barrier System	NCHRP 350 TL4 compliant 3-Wire System	01/06	01/11	Gibraltar 320 Southland Road Burnet TX 78611 (800) 495-8957 (512) 756-1865

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	8/02	8/07	Energy Absorption Systems, Inc. One East Wacker Drive - 30th Floor Chicago IL 60601 (312) 705-8424
V-4C	04062	Safeguard Gate	NCHRP 350 TL3 compliant	01/06	01/11	Barrier Systems, Inc. 180 River Road Rio Vista CA 94571 (707) 374-6800 (707) 374-6801-Fax

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	3/05	3/10	Trinity Highway Safety Products, Inc. 2525 Stemmons Freeway Dallas TX 75207 (800) 527-6050 (214) 589-8423 - Fax

V-4D	99006	Polylumber Blockout	NCHRP 350 TL3 compliant	10/01	10/06	RAMCO P.O. Box 9625 Pittsburgh PA 15226 (412) 494-0743 (412) 494-0742 – Fax

V-6E Channelizing Devices – Flexible Delineators – Surface Mount – Bi-Directional
ADOT Specifications: By special provision contact C&S for approved version. Stored Spec. currently under development.
ADOT Drawings: Drawings under development. Details required on project plans, contact Traffic Design for information and application requirements.
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-6E		Carsonite Super Duck Channelizer		05/01	05/06	Carsonite International 605 Bob Gifford Blvd. Early Branch SC 29916-0098 (800) 648-7916 http://www.carsonite.com/
V-6E		Carsonite Super Duck II		05/01	05/06	Carsonite International 605 Bob Gifford Blvd. Early Branch SC 29916 (800) 648-7916 http://www.carsonite.com/
V-6E	99102	FG300 UR	NTPEP Testing	11/05	11/10	Filtrona Extrusion/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com
V-6E		Flexstake FM 700 Series		9/04	9/09	Flexstake, Inc. 2150 Andrea Lane Fort Myers FL 33912 (800) 348-9839 (941) 482-3539 – Fax http://www.flexstake.com
V-6E		Flexstake 750 Series TSM		3/01	3/06	Flexstake, Inc. 2150 Andrea Lane Fort Myers FL 33912 (800) 348-9839 (941) 482-3539 – Fax http://www.flexstake.com
V-6E		Greenline SMDW		05/01	05/06	Carsonite International 605 Bob Gifford Blvd. Early Branch SC 29916 (800) 648-7916 http://www.carsonite.com/
V-6E		Line Connection Dura-Post Heavy Duty		12/01	12/06	The Line Connection, Inc. 4126 Happy Lane Sacramento CA 95827 (916) 366-3752

V-6E		Safe-Hit SH All Types		2/01	2/06	Safe-Hit Corporation 23785 Cabot Blvd. #322 Hayward CA 94545-1669 (800) 537-8958 (510) 783-1929 – Fax
V-6E		Safe-Hit SR All Types		2/01	2/06	Safe-Hit Corporation 23785 Cabot Blvd. #322 Hayward CA 94545-1669 (800) 537-8958 (510) 783-1929 – Fax
V-6E	02111	TD 5000		5/04	5/09	Three D Traffic Works 430 N. Varney Street Burbank CA 91502 (877) 843-9757 (818) 841-5096 – Fax
V-6E	02112	TD 5100 Ringtop		5/04	5/09	Three D Traffic Works 430 N. Varney Street Burbank CA 91502 (877) 843-9757 (818) 841-5096 – Fax
V-6E	02116	TD 6000 Vertical Indicator Panel		5/04	5/09	Three D Traffic Works 430 N. Varney Street Burbank CA 91502 (877) 843-9757 (818) 841-5096 – Fax
Note:	The listings in this category are based on ADOT's interpretation of AASHTO NTPEP test data — see specifications for criteria.					

V-6F Channelizing Devices – Flexible Delineators – Surface Mount – Multi-Directional (360 degrees)
ADOT Specifications: By special provision contact C&S for approved version. Stored Spec. currently under development.
ADOT Drawings: Drawings under development. Details required on project plans, contact Traffic Design for information and application requirements.
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-6F		Carsonite Super Duck II		05/01	05/06	Carsonite International 605 Bob Gifford Blvd. Early Branch SC 29916 (800) 648-7916 http://www.carsonite.com/
V-6F	99102	FG300 UR	NTPEP Testing	11/05	11/10	Filtrona Extrusion/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com
V-6F		Flexstake 750 Series TSM		3/01	3/06	Flexstake, Inc. 2150 Andrea Lane Fort Myers FL 33912 (800) 348-9839 (941) 482-3539 – Fax http://www.flexstake.com

V-6F		Line Connection Dura-Post Heavy Duty		12/01	12/06	The Line Connection, Inc. 4126 Happy Lane Sacramento CA 95827
V-6F	00060	IRS Tubular Markers & Delineators		06/01	06/06	Impact Recovery Systems, Inc. 246 West Josephine Street San Antonio TX 78212 (262) 646-5635
V-6F		Safe-Hit SH Type 3 & 5 only		2/01	2/06	Safe-Hit Corporation 23785 Cabot Blvd. #322 Hayward CA 94545-1669 (800) 537-8958 (510) 783-1929 – Fax
V-6F		Safe-Hit SR Type 3 & 5 only		2/01	2/06	Safe-Hit Corporation 23785 Cabot Blvd. #322 Hayward CA 94545-1669 (800) 537-8958 (510) 783-1929 – Fax
V-6F	02114	TD 5201		1/04	1/09	Three D Traffic Works 430 N. Varney Street Burbank CA 91502 (877) 843-9757 (818) 841-5096 – Fax
V-6F	02111	TD 5000		5/04	5/09	Three D Traffic Works 430 N. Varney Street Burbank CA 91502 (877) 843-9757 (818) 841-5096 – Fax
V-6F	02112	TD 5100 Ringtop		5/04	5/09	Three D Traffic Works 430 N. Varney Street Burbank CA 91502 (877) 843-9757 (818) 841-5096 – Fax
Note:	The listings in this category are based on ADOT's interpretation of AASHTO NTPEP test data — see specifications for criteria.					

V-7G Channelizing Devices – Flexible Delineators – Driveable (or Ground Mount) – Bi-Directional, Single Piece
ADOT Specifications: By special provision contact C&S for approved version. Stored Spec. currently under development.
ADOT Drawings: Drawings under development. Details required on project plans, contact Traffic Design for information and application requirements.
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-7G		Carsonite Curve-Flex with soil anchor		05/01	05/06	Carsonite International 605 Bob Gifford Blvd. Early Branch SC 29916 (800) 648-7916 http://www.carsonite.com/

V-7G		DAPCO FG-500 with soil anchor		3/02	3/07	Bunzl Extrusion Tacoma, Inc. 3110 70th Ave. East Tacoma WA 98424-3608 (800) 822-7528 (253) 284-8000 (253) 284-8080 – Fax www.bunzltacoma.com
V-7G	02016	EZ Drive Marker		9/04	9/09	Flexstake, Inc. 2150 Andrea Lane Fort Myers FL 33912 (800) 348-9838 (941) 482-3539 - Fax
V-7G		Flexstake Single Piece with soil anchor		9/04	9/09	Flexstake, Inc. 2150 Andrea Lane Fort Myers FL 33912 (800) 348-9839 (941) 482-3539 – Fax http://www.flexstake.com
V-7G		Greenline CGDB		05/01	05/06	Carsonite International 605 Bob Gifford Blvd. Early Branch SC 29916 (800) 648-7916 http://www.carsonite.com/
V-7G		Green Line HWDB with soil anchor		05/04	05/06	Carsonite International 605 Bob Gifford Blvd. Early Branch SC 29916 (800) 648-7916 http://www.carsonite.com/
Notes:	(1) The listings in this category are based on ADOT's interpretation of AASHTO NTPEP test data — see specifications for criteria. (2) All single piece ground mount flexible delineators shall be installed with a soil anchor barb.					

V-7H Channelizing Devices – Flexible Delineators – Driveable (or Ground Mount) – Bi-Directional, Two Piece
ADOT Specifications: By special provision contact C&S for approved version. Stored Spec. currently under development.
ADOT Drawings: Drawings under development. Details required on project plans, contact Traffic Design for information and application requirements.
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-7H		Carsonite Survivor		05/01	05/06	Carsonite International 605 Bob Gifford Blvd. Early Branch SC 29916 (800) 648-7916 http://www.carsonite.com/
V-7H		Flexstake HD 600 Series		9/04	9/09	Flexstake, Inc. 2150 Andrea Lane Fort Myers FL 33912 (800) 348-9839 (941) 482-3539 – Fax http://www.flexstake.com

V-7H		Greenline CGDU		05/01	05/06	Carsonite International 605 Bob Gifford Blvd. Early Branch SC 29916 (800) 648-7916 http://www.carsonite.com/
V-7H		Safe-Hit SH All Types	The type used shall conform to the physical requirements of the reflector tabs specified.	2/01	2/06	Safe-Hit Corporation 23785 Cabot Blvd. #322 Hayward CA 94545-1669 (800) 537-8958 (510) 783-1929 – Fax
V-7H		Safe-Hit SR All Types	The type used shall conform to the physical requirements of the reflector tabs specified.	2/01	2/06	Safe-Hit Corporation 23785 Cabot Blvd. #322 Hayward CA 94545-1669 (800) 537-8958 (510) 783-1929 – Fax
Note:	The listings in this category are based on ADOT's interpretation of AASHTO NTPEP test data — see specifications for criteria.					

V-7I Channelizing Devices – Flexible Delineators – Driveable (or Ground Mount) – Multi-Directional (360 degrees)
ADOT Specifications: By special provision contact C&S for approved version. Stored Spec. currently under development.
ADOT Drawings: Drawings under development. Details required on project plans, contact Traffic Design for information and application requirements.
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-7I		Safe-Hit SH Type 3 & 5 only		2/01	2/06	Safe-Hit Corporation 23785 Cabot Blvd. #322 Hayward CA 94545-1669 (800) 537-8958 (510) 783-1929 – Fax
V-7I		Safe-Hit SR Type 3 & 5 only		2/01	2/06	Safe-Hit Corporation 23785 Cabot Blvd. #322 Hayward CA 94545-1669 (800) 537-8958 (510) 783-1929 – Fax
Notes:	(1) The listings in this category are based on ADOT's interpretation of AASHTO NTPEP test data — see specifications for criteria. (2) All single piece ground mount flexible delineators shall be installed with a soil anchor barb.					

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		11/05	11/10	Astro Optics Corporation 1200 Abbott Drive Elgin, Illinois (847) 488-9151 (847) 488-9154– Fax

V-9		Stimsonite 965		12/95	7/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – 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		06/01	06/06	Astro Optics Corporation 1200 Abbott Drive Elgin, Illinois (847) 488-9151 (847) 488-9154– Fax
V-9A		Astro Optics FB 34	Use below 3500 ft. elevation.	11/05	11/10	Astro Optics Corporation 1200 Abbott Drive Elgin, Illinois (847) 488-9151 (847) 488-9154– Fax
V-9A	01121	Model 967LS Barrier Delineator		12/01	12/06	Avery Dennison Highway Safety Division 6565 West Howard St. Niles IL 60714 (847) 647-7717 (800) 327-5917 – Fax
V-9A	92069	PCBM-12	Use below 3500-ft. elevation.	11/05	11/10	Filtrona Extrusion/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		06/01	06/06	Filtrona Extrusion/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.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		12/01	12/06	Astro Optics Corp. 156 Williams St. Carpentersville IL 60110 (847) 428-3181 (847) 428-3979 – Fax
V-9B	01123	ARTUK Flex-Tab Barrier Marker		12/01	12/06	ARTUC Corp. 6318 West State Street Wauwatosa WI 53213 (414) 475-5020 (414) 476-3438 – Fax
V-9B	01125	DuraFlex Flexx 2020		12/01	12/06	DuraFlex Corp. 297 Margaret King Ave. Ringwood NJ 07456 (973) 962-7779 (973) 962-7652 – Fax
V-9B	01124	PCBM-T12 Barrier Marker		12/01	12/06	Bunzl Extrusion Washington, Inc. – Tacoma Division 3110 70th Ave. East Tacoma WA 98424-3608 (800)822-7528 (253) 284-8000 (253) 284-8080 – Fax www.bunzltacoma.com

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	Filtrona Extrusion Straight Guardrail Reflectors	White and yellow colors, 13” long by 3” wide	11/05	11/10	Filtrona Extrusion/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com
V-10C	AZ9202	Guardrail Delineators	White and yellow colors, 27” long by 3” wide	11/05	11/10	Carsonite International 605 Bob Gifford Blvd. Early Branch SC 29916 (800) 648-7916 http://www.carsonite.com/

V-10C	AZ9202	Flexstake GR102.5	White and yellow colors, 30” long by 3” wide	9/04	9/09	Flexstake, Inc. 2150 Andrea Lane Fort Myers FL 33912 (800) 348-9839 (941) 482-3539 – Fax http://www.flexstake.com
V-10C	AZ9202	GRD-2-27 Single Curve	White and yellow colors, 27” long by 3.75” wide	5/01	5/06	Carsonite International 605 Bob Gifford Blvd. Early Branch SC 29916 (800) 648-7916 http://www.carsonite.com/
V-10C	02109	TD 9100 Guardflex	Used as a channelizing device - marker for guardrails and a bridge marker.	10/04	10/09	Three D Traffic Works 430 North Varney Street Burbank California 91502 818-841-5096 818-841-5096-fax

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	AZ9208	Flexstake Snow Tube	2.5” diameter by 72” long	9/04	9/09	Flexstake, Inc. 2150 Andrea Lane Fort Myers FL 33912 (800) 348-9839 (941) 482-3539 – Fax http://www.flexstake.com

V-11A [ADOT Procurement Only, See Note (1)] – Channelizing Devices – Traffic Drums – Low Density Polyethylene (LDPE), Type I
ADOT Specifications: Per ADOT Procurement Solicitation No. T97-20-00027, Annual Requirements for Traffic Drums
ADOT Drawings: Drawing 4-M-2.07 does not apply. Requirements regarding configuration and reflective sheeting shall be per the MUTCD, see latest edition of Part VI 6F-5 Channelizing Devices.
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-11A		Flex-O-Lite #1500 Plastic Barrel		3/97	3/02	Flex-O-Lite (FOL) Service & Materials 125 Cassens Court St. Louis MO 63026 (800) 634-9517

Notes: 1451The listings in this category only apply to ADOT procurement contracts that are used to purchase materials/devices for direct ADOT use.
(2) Type I Drum has a sand bag ballasting system.
(3) The listings in this category are based on ADOT’s interpretation of AASHTO NTPEP test data — see specifications for criteria.

V-11B [ADOT Procurement Only, See Note (1)] – Channelizing Devices – Traffic Drums – High Density Polyethylene (HDPE), Type I
ADOT Specifications: Per ADOT Procurement Solicitation No. T97-20-00027, Annual Requirements for Traffic Drums
ADOT Drawings: Drawing 4-M-2.07 does not apply. Requirements regarding configuration and reflective sheeting shall be per the MUTCD, see latest edition of Part VI 6F-5 Channelizing Devices.
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-11B		Traffix #18000 HDPE-LW	See Note (2)	3/02	3/07	Traffix Devices, Inc. 220 Calle Pintoresco San Clemente CA 92672 (949) 361-5663 (949) 361-9205 – Fax www.traffixdevices.com

Notes: 1451The listings in this category only apply to ADOT procurement contracts that are used to purchase materials/devices for direct ADOT use.
(2) Currently on State Contract as of 1997.
(3) Type I Drum has a sand bag ballasting system.
(4) This listing is based on ADOT's interpretation of AASHTO NTPEP test data, see specifications for criteria.

V-11C [ADOT Procurement Only, See Note (1)] – Channelizing Devices – Traffic Drums – Low Density Polyethylene (LDPE), Type II
ADOT Specifications: Per ADOT Procurement Solicitation No. T97-20-00027, Annual Requirements for Traffic Drums
ADOT Drawings: Drawing 4-M-2.07 does not apply. Requirements regarding configuration and reflective sheeting shall be per the MUTCD, see latest edition of Part VI 6F-5 Channelizing Devices.
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-11C		Traffix #18000 LDPE with Rubber Tire	Ballasting system is a split rubber tire.	3/02	3/07	Traffix Devices, Inc. 220 Calle Pintoresco San Clemente CA 92672 (949) 361-5663 (949) 361-9205 – Fax www.traffixdevices.com
V-11C		FOL #1500 Plastic Barrel with DuraBill	Ballasting system is a formed rubberized material base.	3/97	3/02	Flex-O-Lite (FOL) Service & Materials 125 Cassens Court St. Louis MO 63026 (800) 634-9517
V-11C		Traffix #18000 LDPE with San-Fil	See Note (2). Ballasting system is a sand filled base.	3/02	3/07	Traffix Devices, Inc. 220 Calle Pintoresco San Clemente CA 92672 (949) 361-5663 (949) 361-9205 – Fax www.traffixdevices.com

Notes: 1451The listings in this category only apply to ADOT procurement contracts that are used to purchase materials/devices for direct ADOT use.
(2) Currently on State Contract as of 1997.
(3) The Type II Drum has a self-contained internal/external ballasting system that is made of a rubberized material or sand filled.
(4) This listing is based on ADOT's interpretation of AASHTO NTPEP test data [see specifications for criteria].

V-11D [ADOT Procurement Only, See Note (1)] – Channelizing Devices – Traffic Drums – High Density Polyethylene (HDPE), Type II
ADOT Specifications: Per ADOT Procurement Solicitation No. T97-20-00027, Annual Requirements for Traffic Drums
ADOT Drawings: Drawing 4-M-2.07 does not apply. Requirements regarding configuration and reflective sheeting shall be per the MUTCD, see latest edition of Part VI 6F-5 Channelizing Devices.
Responsible Section: Traffic Group

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

V-11D		FOL #1510 Plastic Barrel with DuraBill	Ballasting system is a formed rubberized material base.	3/97	3/02	Flex-O-Lite (FOL) Service & Materials 125 Cassens Court St. Louis MO 63026 (800) 634-9517
V-11D		Traffix #18000 HDPE with San-Fil	See Note (2). Ballasting system is a sand filled base.	11/05	11/10	Traffix Devices, Inc. 220 Calle Pintoresco San Clemente CA 92672 (949) 361-5663 (949) 361-9205 – Fax www.traffixdevices.com
Notes:	1451The listings in this category only apply to ADOT procurement contracts that are used to purchase materials/devices for direct ADOT use. (2) Currently on State Contract as of 1997. (3) The Type II Drum has a self-contained internal/external ballasting system that is made of a rubberized material or sand filled. (4) This listing is based on ADOT's interpretation of AASHTO NTPEP test data, see specifications for criteria.					

V-11E (C&S Projects Only) – Channelizing Devices – Traffic Drums
ADOT Specifications: New specifications need to be developed based on ADOT procurement specifications.
ADOT Drawings: 4-M-2.07 is out of date and needs to be revised or deleted. MUTCD requirements apply, see latest edition of Part VI 6F-5 Channelizing Devices.
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-11E		FOL #1500 Plastic Barrel	Drum is made of low-density polyethylene (LDPE). Drum uses a sand bag ballasting system.	3/97	3/02	Flex-O-Lite (FOL) Service & Materials 125 Cassens Court St. Louis MO 63026 (800) 634-9517
V-11E		Traffix #18000 HDPE-LW	Drum is made of high-density polyethylene (HDPE). Drum uses a sand bag ballasting system.	3/02	3/07	Traffix Devices, Inc. 220 Calle Pintoresco San Clemente CA 92672 (949) 361-5663 (949) 361-9205 – Fax www.traffixdevices.com
V-11E		Traffix #18000 LDPE with Rubber Tire	Drum is made of low-density polyethylene (LDPE). Drum uses an external ballasting system.	3/02	3/07	Traffix Devices, Inc. 220 Calle Pintoresco San Clemente CA 92672 (949) 361-5663 (949) 361-9205 – Fax www.traffixdevices.com
V-11E		FOL #1500 Plastic Barrel with DuraBill	Drum is made of low-density polyethylene (LDPE). Drum uses a formed rubberized base ballasting system.	3/97	3/02	Flex-O-Lite (FOL) Service & Materials 125 Cassens Court St. Louis MO 63026 (800) 634-9517
V-11E		PSS Lifeguard Channelizer LDPE	Drum is made of low-density polyethylene (LDPE). Drum uses an external rubber tire ballasting system.	3/02	3/07	Plastic Safety Systems, Inc. 2444 Baldwin Rd. Cleveland OH 44104 (800) 662-6338

V-11E		Traffix #18000 LDPE with San-Fil	Drum is made of low-density polyethylene (LDPE). Drum uses a sand filled ballasting system.	3/02	3/07	Traffix Devices, Inc. 220 Calle Pintoresco San Clemente CA 92672 (949) 361-5663 (949) 361-9205 – Fax www.traffixdevices.com
V-11E	96071	Super Dome Drum-low density	Options -with 25,30,& 40 molded rubber Base -with plastic snap-on base to hold sandbags -with 28lb. Drop-over molded rubber base -with "TR" for holding tire rings	11/05	11/10	Bent Manufacturing Company 17311 Nichols Street Huntington Beach CA 92647 (714) 842-0600 (714) 842-2959 www.bentmfg.com
V-11E	96071	Super Dome Drum-high density	Options -with 25,30,& 40 molded rubber Base -with plastic snap-on base to hold sandbags -with 28lb. Drop-over molded rubber base -with "TR" for holding tire rings	11/05	11/10	Bent Manufacturing Company 17311 Nichols Street Huntington Beach CA 92647 (714) 842-0600 (714) 842-2959 www.bentmfg.com
V-11E		FOL #1510 Plastic Barrel with DuraBill	Drum is made of low-density polyethylene (LDPE). Drum uses a formed rubberized base ballasting system.	3/97	3/02	Flex-O-Lite (FOL) Service & Materials 125 Cassens Court St. Louis MO 63026 (800) 634-9517
V-11E		Traffix #18000 HDPE with San-Fil	Drum is made of high-density polyethylene (HDPE). Drum uses a sand filled ballasting system.	11/05	11/10	Traffix Devices, Inc. 220 Calle Pintoresco San Clemente CA 92672 (949) 361-5663 (949) 361-9205 – Fax www.traffixdevices.com
V-11E	02027	B400-A & B400-R Plastic Safety Drums	Drum is available with a rubber or plastic base.	9/02	9/07	Work Area Protection Corporation P.O. Box 4087 St Charles IL 60174 (630) 377-9100 (630) 377-9270 – Fax
Note:	Unless specified otherwise on the project plans and/or special provisions, the drum used is at the option of the contractor. This listing is based on ADOT's interpretation of AASHTO NTPEP test data (see specifications for criteria).					

V-12C Channelizing Devices – 18 inch Flow-Molded 5 lb. Cone
ADOT Specifications:
ADOT Drawings: None
Responsible Section: Traffic Group

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

V-12D Channelizing Devices – 28 inch Flow-Molded 10 lb. Cone, Narrow Body
ADOT Specifications:
ADOT Drawings: None
Responsible Section: Traffic Group

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

V-12E Channelizing Devices – 28 inch Flow-Molded 10 lb. Cone, Wide Body
ADOT Specifications:
ADOT Drawings: None
Responsible Section: Traffic Group

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

V-12F Channelizing Devices – Warning Light, Type A (Flashing)
ADOT Specifications: Institute of Transportation Engineers (ITE) Specification 4S-2, Traffic Control Manual, & MUTCD
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-12F	94042	Maverick		9/94	9/99	Interplex Solar, Inc. 1003 W. Thomas Street Arlington Heights IL 60004 (708) 392-1976
V-12F	95-39 95094	Empco-Lite 100LED, Type A, Bi-Directional	Bi-Directional	11/05	11/10	Empco-Lite 909 Grace St. Elgin IL 60120 (800) 548-5483 (800) 524-0087 http://www.empco-lite.com/
V-12F	95-39 95095	Empco-Lite 400LED, Type A, Bi-Directional	Bi-Directional	11/05	11/10	Empco-Lite 909 Grace St. Elgin IL 60120 (800) 548-5483 (800) 524-0087 http://www.empco-lite.com/

V-12G Channelizing Devices – 36 inch Flow Molded 10 lb. Cone, Wide Body
ADOT Specifications:
ADOT Drawings: None
Responsible Section: Traffic Group

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

V-12H Channelizing Devices – Two-Piece Cone with Drop Over Base and Two-Piece Tubular Marker with Drop Over Base
ADOT Specifications:
ADOT Drawings: None
Responsible Section: Traffic Group

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

V-12S Channelizing Devices – Warning Light, Type C (Steady Burn)
ADOT Specifications: Institute of Transportation Engineers (ITE) Specification 4S-2, Traffic Control Manual, & MUTCD
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-12S	94042	Maverick		9/94	9/99	Interplex Solar, Inc. 1003 W. Thomas Street Arlington Heights IL 60004 (708) 392-1976
V-12S	95-39 95001	Empco-Lite 100LED, Type C, Bi-Directional	Bi-Directional	11/05	11/10	Empco-Lite 909 Grace St. Elgin IL 60120 (800) 548-5483 (800) 524-0087 http://www.empco-lite.com/
V-12S	95-39 95002	Empco-Lite 400LED, Type C, Bi-Directional	Bi-Directional	11/05	11/10	Empco-Lite 909 Grace St. Elgin IL 60120 (800) 548-5483 (800) 524-0087 http://www.empco-lite.com/
V-12S	95-39 95003	Empco-Lite 400DH LED, Type C, Mono-Directional	Mono-Directional	11/05	11/10	Empco-Lite 909 Grace St. Elgin IL 60120 (800) 548-5483 (800) 524-0087 http://www.empco-lite.com/
V-12S	95-39 95004	Empco-Lite 100LED, Type C, Mono-Directional	Mono-Directional	11/05	11/10	Empco-Lite 909 Grace St. Elgin IL 60120 (800) 548-5483 (800) 524-0087 http://www.empco-lite.com/
V-12S	95-39 95005	Empco-Lite 400LED, Type C, Mono-Directional	Mono-Directional	11/05	11/10	Empco-Lite 909 Grace St. Elgin IL 60120 (800) 548-5483 (800) 524-0087 http://www.empco-lite.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		4/06	4/11	Crafco, Inc. 420 N. Roosevelt Avenue Chandler AZ 85226 (800) 528-8242 (480) 961-0513 – Fax
V-14A	97049	Gulf State	Evergrip bituminous marker adhesive approved as equal.	12/02	12/07	Gulf States Asphalt Co., L.P. 300 Christy Place South Houston TX 77587 (713) 941-4410
V-14A		Stimsonite 2202031		6/96	7/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – 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		01/06	01/11	Flint Trading, Inc. P.O. Box 160 Thomasville NC 27361-0160 (336) 475-6600 (336) 475-7900
V-14B		Hot Spots		3/99	3/04	Zumar Industries, Inc. 12015 Steele Street S PO Box 44549 Tacoma WA 98444 (800) 426-7967 (253) 536-8680 – Fax
V-14B	01118	Premark 20/20 Flex Plus		10/03	10/08	Langelands Kemiske Fabriker A/S 111 Todd Court Thomasville, NC 27360 (336) 475-7400 (336) 475-7900- Fax

Notes:
(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		N/A				

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		N/A				

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	ID# 98071	APEX Model 932 TSI 4	Temporary chip seal markers.	9/03	9/08	APEX Universal, Inc. 11033 Forest Place Santa Fe Springs California 90670 (562) 944-8878
V-16	AZ9308	Filtrona Extrusion TRPM, HH (High Heat) Standard	High heat grade, Yellow 2-way and White 1-way	11/05	11/10	Filtrona Extrusion/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com
V-16	AZ9308	Dapco TRPM, WZ Dbl. Cap	Work zone grade with double cover. Yellow 2-way and White 1-way	11/05	11/10	Filtrona Extrusion/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com
V-16	AZ9308	Dapco TRPM, WZ Dbl. Staple	Work zone grade with double staple. Yellow 2-way and White 1-way	11/05	11/10	Filtrona Extrusion/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com
V-16	AZ9308	Dapco TRPM, WZ Standard	Standard work zone grade. Yellow 2-way and White 1-way	11/05	11/10	Filtrona Extrusion/Davidson Traffic Control Products 3110 70th Avenue East Tacoma WA 98424-3608 (877) 335-4638 (253) 284-8080 – Fax www.davidsontraffic.com

V-18 Pavement Marking – Non-Reflective Raised Pavement Markers – Type A & AY
ADOT Specifications: 706
ADOT Drawings: M19
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-18	95-01	Apex Type A	4” round, white	1/00	1/05	Apex Universal, Inc. 841 N. Pioneer Avenue Wilmington CA 90744 (310) 834-1128
V-18		Highway Ceramics Type A	4” round, white	3/00	3/05	Highway Ceramics, Inc. P.O. Box 6506 Yuma AZ 85364
V-18	95-28 95031	International Ceramic Products Type A	4” round, white	3/01	3/06	International Ceramic Products, Inc. P.O. Box 876 Ringgold GA 30736 (706) 858-0303
V-18	95-01	Apex Type AY	4” round, yellow	1/00	1/05	Apex Universal, Inc. 841 N. Pioneer Avenue Wilmington CA 90744 (310) 834-1128
V-18		Highway Ceramics Type AY	4” round, yellow	3/00	3/05	Highway Ceramics, Inc. P.O. Box 6506 Yuma AZ 85364
V-18	95-28 95031	International Ceramic Products Type AY	4” round, yellow	3/01	3/06	International Ceramic Products, Inc. P.O. Box 876 Ringgold GA 30736 (706) 858-0303

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	91014	Hot Tape	Heat in-place. Preformed thermoplastic tape. Used on State contract No. T98-20-00004.	3/03	3/08	Zumar Industries, Inc. 12015 Steele Street S PO Box 44549 Tacoma WA 98444 (800) 426-7967 (253) 536-8680 – Fax
V-19	01093	ThermaLine Preformed Thermoplastic		3/02	3/07	Lafarge Road Marking Inc. (LRM) 400 Lanidex Plaza Parsippany NY 07054-2719 (973) 884-0300 (973) 884-9407 – Fax

V-20 Pavement Marking – 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-20	93-10A	ATM 300	Meets the requirements of the proposed spec. Type I-A (general purpose) and Type I-B (high durability).	5/04	5/09	Advanced Traffic Markings P.O. Box H Roanke Rapid NC 27870 (919) 536-2574
V-20	92-77	Brite-Line 1000	Meets the requirements of the proposed spec. Type I-A (general purpose) and Type I-B (high durability).	3/03	3/08	Brite-Line Technologies, Inc. 104 Revere Street Canton Massachusetts 02021 (888) 201.6448 (888) 208.0758 – Fax
V-20	05055	Brite-Line 5000		04/06	04/11	Brite-Line Technologies, Inc. 10660 E. 51st Ave Denver CO
V-20	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. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-20		StamarkHigh Performance Tape Series 380I		3/01	3/06	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-20	03120	High Performance Tape Series 380I ES	Can also be included in Category V-21	10/05	10/10	3M Company 1776 East Horseshoe Court Gilbert, AZ 85296 480.221.5407 480.705.5291- Fax
V-20		High Performance 381I		01/06	01/11	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-20		Stamark 5730	ADT per lane < 3000	3/01	3/06	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-20		Stamark 5731	ADT per lane < 3000	3/01	3/06	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-20	00050	Director-60 Permanent Pavement Marking Tape		3/01	3/06	Swarco P.O. Box 89 Columbia TN 38402-0089 (931) 388-5900

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	93-09	ATM 200		5/04	5/09	Advanced Traffic Markings P.O. Box H Roanke Rapid NC 27870 (919) 536-2574
V-21		Aztec		3/03	3/08	P.B. Liminations, Inc. 2940 Mary Ave. Brentwood MO 63144 (800) 366-2569
V-21	93-02	Brite-Line 100		2/01	2/06	Brite-Line Technologies, Inc. 104 Revere Street Canton Massachusetts 02021 (888) 201.6448 (888) 208.0758 – Fax
V-21	01003	Trelleborg – Temporary Removable Road Tape, RW-140 (White)		8/02	8/07	Trelleborg Industri, AB 184 Tambourine Ranch Road Gardnerville NV 89410-7709 (775) 843-3547
V-21	01004	Trelleborg – Temporary Removable Road Tape, RY-140 (Yellow)		8/02	8/07	Trelleborg Industri, AB 184 Tambourine Ranch Road Gardnerville NV 89410-7709 (775) 843-3547

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-Lite 300		5/01	5/06	Flex-O-Lite, Inc. 2997 Clarkson Rd. Chesterfield MO 63017 (636) 343-9422 www.flexolite.com
V-22	01058	Visa-line Temporary marking Tape (Type III – Non-removable)		9/02	9/07	Swarco Industries, Inc., 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	03110	Avery Dennison Model C80		10/05	10/10	Avery Dennison 6565 West Howard Street Niles, IL 60714 847.558.7248 847.588.8248-Fax
V-23		3M 290 All Types		9/03	9/08	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-23		Highway Ceramics TCR Marker All Types		3/04	3/09	Highway Ceramics P.O. Box 6506 Yuma AZ 85366-6506 (520) 726-0241
V-23	01049	Model 911 – Urethane Fill	Conditionally approved, subject to laboratory and field-testing. Final evaluation by 6/2003.	6/01	6/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – 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	Pac-Tec, Inc. Mid-Ohio Industrial Park 1870 James Parkway Heath OH 43056 (800) 848-7025
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	Pac-Tec, Inc. Mid-Ohio Industrial Park 1870 James Parkway Heath OH 43056 (800) 848-7025
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.	12/95	7/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax
V-23		Stimsonite 953 All Types	CAUTION: For applications below 3800 feet this marker should only be used on PCCP.	6/02	6/07	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax
V-23	01048	C88 Raised Pavement Marker	This product is approved subject to the conditions of Note (3) below.	6/03	6/08	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 588-7248 (847) 647-1205 – Fax

Notes: 1451 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 above elevation of 3800 feet or more. See subcategory 23M for listing of RRPM products suitable for recessed applications.

V-23M Pavement Marking – Recessed Retroreflective Pavement Markers
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-23M		3M 290 All Types		9/03	9/08	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-23M	01047	Model 948 – Urethane Fill	Conditionally approved, subject to laboratory and field-testing. Final evaluation by 6/2003.	6/01	6/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax
V-23M		Ray-O-Lite 2002 All Types		9/03	9/08	Pac-Tec, Inc. Mid-Ohio Industrial Park 1870 James Parkway Heath OH 43056 (800) 848-7025
V-23M		Stimsonite 948 All Types		11/05	11/10	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax

Notes: (1) These markers should only be installed in areas of moderate to light snow removal activity (typically 4000 ft to 6000 ft +/-). Tests have shown that the Ray-O-Lite "Brute" and Stimsonite 953 may last longer than the Stimsonite 948.

(2) All markers listed require a road test.

(3) Field-testing on I-17 has shown that the Highway Ceramics/Safeline Industries CDR-1 markers can last at least three winters and still achieve adequate or better brightness. No other marker listed here has been able to match this performance. Thus CDR-1 marker has been found to be suitable for high snow removal areas (typically roadways above 6000 feet in elevation). If the CDR-1 marker is to be used on construction project prior approval per ADOT policy 88-1 is required.

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)		2/01	2/06	Epoplex One Park Avenue Maple Shade NJ 98052 (856) 667-8399 (856) 321-7559
V-25		LDI Super LifeLine III (epoxy)		11/05	11/10	Ennis Paint 1509 S Kaufman Ennis, TX 75119 (800) 331-8118 800-555-0217-Fax
V-25	Sum00mark55.3	Poly-Carb Mark 55.3	Based on NTPEP two years evaluation	11/05	11/10	Poly-Carb, Inc., 33095 Bainbridge Road Cleveland OH 44139 (440) 248-1223 (440) 248-1513 - Fax
V-25	Sum00mark55.3	Poly-Carb 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 Road Cleveland OH 44139 (440) 248-1223 (440) 248-1513 - Fax
V-25		Poly-Carb Mark 55.0 (epoxy)		4/03	4/08	Poly-Carb 33095 Bainbridge Road Cleveland OH 44139 (440) 248-1223
V-25		TMT-Pathway Dura-Stripe Type V (spray) (Methyl methacrylate [MMA])	See note.	11/05	11/10	TMT-Pathway, LLC 1021 North Mission Road Los Angeles CA 90033 (213) 225-4154
V-25	01025	HPS-3 White & Yellow		10/05	10/10	Innovative Performance Systems, Inc. Post Office Box 13582 Research Triangle Park, North Carolina 27709 (877) 477-7623 ext. 505 (919) 935-5409 - 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	Innovative Performance Systems, Inc. Post Office Box 13582 Research Triangle Park, North Carolina 27709 (877) 477-7623 ext. 505 (919) 935-5409 - Fax
Note:	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.					

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	TCPEC	Aqualite	Profile Thermoplastic	11/05	11/10	Ennis Paint 1509 S Kaufman Ennis TX 75119 (800) 331-8118 800-555-0217-Fax
V-25P	TCPEC	Vibraline	Profile Thermoplastic	3/04	3/09	Brite-Line Technologies, Inc. 3325 Herring Gull Lane N Las Vegas NV 89084 (702) 649-9223 (702) 649-9237 – Fax
V-25P	TCPEC	Rainline With a Bump	Profile Thermoplastic with bumps and inverted profiles.	3/04	3/09	Rainline Corporation P.O. 210818 Montgomery AL 36121 (800) 844-0297

Notes: (480- - 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-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	02021	Flametape		7/05	7/10	Ennis Paint 1509 S Kaufman Ennis, TX 75119 (800) 331-8118 800-555-0217-Fax

V-26		Thermoplastic Products		11/05	11/10	TMT-Pathway, LLC 1021 North Mission Road Los Angeles CA 90033 (213) 225-4154
V-26	TCPEC	Thermoplastic Products		11/05	11/10	Ennis Paint 1509 S Kaufman Ennis, TX 75119 (800) 331-8118 800-555-0217-Fax
V-26		Thermoplastic Products		11/05	11/10	Ennis Paint 1509 S Kaufman Ennis, TX 75119 (800) 331-8118 800-555-0217-Fax
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)		2/01	2/06	Swarco P.O. Box 89 Columbia TN 38402-0089 (931) 388-5900 (931) 388-4039 – Fax
V-26	02046	Thermoplastic Products		1/03	1/08	Pervo Paint Company 6624 Stanford Ave P.O. Box 01496 Los Angeles CA 90001 (213) 758-1147 (213) 778 9719 – Fax
Note:	Applies to both Alkyd and Hydrocarbon					

V-26E Pavement Marking – Thermoplastic Striping & Markings – 30 mil
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-26E	93005	Thermo-Quik 701		11/05	11/10	Ennis Paint 1509 S Kaufman Ennis, TX 75119 (800) 331-8118 800-555-0217-Fax

V-27 Traffic Paint – Water-Borne
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-27	98-27	AZW 27-M-1	White Ennis Paint – Water Borne	6/03	6/08	Ennis Paint P.O. Box 404 Ennis Texas 75120 (800) 331-8118
V-27	98-27	AZY 27-M-1	Yellow Ennis Paint – Water Borne	6/03	6/08	Ennis Paint P.O. Box 404 Ennis Texas 75120 (800) 331-8118
V-27	91-56	White 2342A9		4/03	4/08	TMT-Pathway, LLC 1021 North Mission Road Los Angeles CA 90033
V-27	91-56	Yellow 2343A9		4/03	4/08	TMT-Pathway, LLC 1021 North Mission Road Los Angeles CA 90033

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

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	06052	HE75CX		6/04	6/09	HESCO/RLS, Inc. 1470 Kastner Place, Suite 112 Sanford FL 32771 (800) 547-4868
V-30	92085	Protector HS-P-SP-120A-30A-RJ		6/04	6/09	Innovative Technology, Inc. 15470 Flight Path Drive Brooksville FL 34609 (904) 799-0713
V-30	92085	Protector HS-P-SP-120A-60A-RJ		6/04	6/09	Innovative Technology, Inc. 15470 Flight Path Drive Brooksville FL 34609 (904) 799-0713

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)		09/06	09/11	KW Industries, Inc. 909 Industrial Boulevard Sugar Land TX 77478 (713) 240-0909

V-31Y		ATB3-17 (Type 3 Base)		09/06	09/11	KW Industries, Inc. 909 Industrial Boulevard Sugar Land TX 77478 (713) 240-0909
V-31Y		M104 (Type 2 Base)		09/06	09/11	Valmont Industries, Inc. One Valmont Parkway P.O. Box 358 Valley NE 68064 (402) 359-2201
V-31Y		M098 (Type 3 Base)		09/06	09/11	Valmont Industries, inc. One Valmont Parkway P.O. Box 358 Valley NE 68064 (402) 359-2201
V-31Y		OPTBW-15-17 (Type 3 Base)		09/06	09/11	Shakespeare Company Rt. 3 P.O. Box 733 Newberry SC 29108 (803) 276-5504
V-31Y	01095	Pole-Safe		4/03	4/08	Transpo Industries 20 Jones Street New Rochelle NY 10801 (503) 674-9180 (503) 674-9180 – Fax
V-31Y		TB2-17 (Type 2 Base) [Akron]		09/06	09/11	Akron Foundry Company 2728 Wingate Avenue Akron OH 44313 (330) 745-3101
V-31Y		TB2-17 (Type 2 Base) [Ameron]		09/06	09/11	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]		09/06	09/11	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]		09/06	09/11	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]		09/06	09/11	Akron Foundry Company 2728 Wingate Avenue Akron OH 44313 (330) 745-3101

V-31Y		TB3-17 (Type 3 Base) [Ameron]		09/06	09/11	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]		09/06	09/11	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]		09/06	09/11	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]		09/06	09/11	P & K Pole Products, Inc. 84 Foundry Street Newark NJ 07105 (973) 589-1500
V-31Y		TB3-17-H (Type 3 Base) [P&K]		09/06	09/11	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 Metalic 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 products		9/06	9/11	ITERIS 1515 S. Manchester Ave. Anaheim CA 92802-2907 (714) 774-5000
V-32G	06054	All 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	00055	SLK-M Flood Seal – Disconnectable Fuse Holder		09/06	09/11	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 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 products		9/06	9/11	Littelfuse 800 E. Northwest Higway 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 products		9/06	9/11	3M Corp. – Traffic Control Materials Div. 3M Center Bldg. 223-3N-01 St. Paul MN 55144-1000 (800) 362-3455

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		09/06	09/11	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		09/06	09/11	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		09/06	09/11	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		09/06	09/11	U.S. Traffic Corp. 9603 John St. Santa Fe CA 90670 (800) 733-7872

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		09/06	09/11	Econolite Control Products 3360 East La Palma Ave. Anaheim CA 92806-0150 (714) 630-3700
V-34A		NT-900 w/ MPS-P, MPS-T-C		09/06	09/11	Naztec 820 Park Two Drive P.O. Box 765 Sugarland TX 77487-0765 (281) 240-7233 (281) 240-7238
V-34A		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		09/06	09/11	Peek Traffic Systems, Inc. 3000 Commonwealth Boulevard Tallahassee FL 32303-3157 (850) 562-2253 (850) 562-4126 – Fax
V-34A		Microcomputer - Model 179		09/06	09/11	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		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		09/06	09/11	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		09/06	09/11	U.S. Traffic Corp. 9603 John St.t Santa Fe CA 90670 (800) 733-7872 (562) 923-7555 – Fax

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		09/06	09/11	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		09/06	09/11	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		09/06	09/11	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		09/06	09/11	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		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions	12-channel monitor	09/06	09/11	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	09/06	09/11	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	09/06	09/11	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		09/06	09/11	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		09/06	09/11	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		09/06	09/11	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		09/06	09/11	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		09/06	09/11	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		09/06	09/11	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		09/06	09/11	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		09/06	09/11	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		09/06	09/11	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-34E		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		09/06	09/11	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		09/06	09/11	SIEMENS ITS/EAGLE 8004 Cameron Rd. Austin TX 78753 (512) 837-8310

V-35A Signal And Lighting – Detector Loop Sealant
ADOT Specifications: 735
ADOT Drawings: None
Responsible Section: Traffic Group

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

V-35A	06099	3 Loop Sealant		09/06	09/11	Brewer Cote 1354 U.S. Hwy 50 Milford OH 45150 (513) 576-6300
V-35A	95020	Bondo-#575		6/03	6/08	Bondo Corporation 3700 Atlanta Industrial Parkway Atlanta GA 30331 (800) 241-3386
V-35A		CRF		09/06	09/11	Golden Bear Division, Witco Chemical Corp. 10100 Santa Monica Blvd., Suite 1470 Los Angeles CA 90067 (213) 277-4511
V-35A	06058	Duraloop		09/06	09/11	Duraloop 11360 NW Dove Ave Terrebonne OR 97760 (541) 548-8611
V-35A		Hot Applied Rubberized Sealant #34271		3/03	3/08	Crafco, Inc. 420 N. Roosevelt Ave. Chandler AZ 85226 (800) 528-8242 (480) 961-0513 – Fax
V-35A		Loop Sealant #5000		09/06	09/11	3M Corp. – Traffic Control Materials Div. 3M Center Bldg. 223-3N-01 St. Paul MN 55144-1000 (800) 362-3455
V-35A	92-60	Sealex Loop Sealant	Traffic loop detector sealant	01/06	01/11	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-35A	93-05	TA-500	Cold pour, single component, flexible, adheres to concrete and asphalt pavements.	3/03	3/08	Tri-American, Inc. 980 Ames Ave. Milpitas CA 95035 (800) 782-6543

V-35B Signal And Lighting – Emulsified Sealant
ADOT Specifications: 735
ADOT Drawings: None
Responsible Section: Traffic Group
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 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 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 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 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 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 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 products		09/06	09/11	General Electric – Lighting Systems Dept. Spartanburg Highway Hendersonville NC 28792 (800) 437-8625
V-40		All products		09/06	09/11	Holophane, Manville P.O. Box 3004 Newark OH 43058-3004 (740) 345-9631

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		09/06	09/11	General Electric – Lighting Systems Dept. Spartanburg Highway Hendersonville NC 28792 (800) 437-8625
V-41	06063	All High Pressure Sodium Lamps		09/06	09/11	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		06/06	06/11	Superior Lamp, Inc. 800 3F Greentree Commons Marlton NJ 08053 (928) 446-2167 (928) 344-5021 - Fax
V-41		All High Pressure Sodium Lamps		09/06	09/11	Sylvania 100 Endicott Street Danvers MA 01923
V-41	06064	All High Pressure Sodium Lamps		09/06	09/11	Thomas & Betts Corporation 8155 T&B Boulevard Memphis TN 38125 (901) 252-8000

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		4/03	4/08	Aero-Tech Light Bulb Co. 534 Pratt Avenue Schaumburg IL 60193 (847) 352-4900 (847) 352 4999 – Fax
V-42		All products		09/06	09/11	Durotest 12401 McNulty Road, Suite # 101 Philadelphia, PA 19154 1-800-289-3876

V-42		All products		09/06	09/11	Sylvania 100 Endicott Street Danvers MA 01923
V-42	01030	Omega Traffic Signal Lamp		4/03	4/08	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 products		09/06	09/11	R & R Electrical 2049 W. Highway Drive Tucson AZ 85705 (520) 887-7630
V-43		All products		09/06	09/11	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		09/06	09/11	3M Corp. – Traffic Control Materials Div. 3M Center Bldg. 223-3N-01 St. Paul MN 55144-1000 (800) 362-3455
V-44		All NEMA TS1-1989 compatible products unless specified otherwise on project plans or special provisions		09/06	09/11	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		09/06	09/11	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		09/06	09/11	Peek Traffic, Inc. 1500 N. Washington Blvd. Sarasota FL 34236 (800) 245-7660

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 products		09/06	09/11	General Electric – Lighting Systems Dept. Spartanburg Highway Hendersonville NC 28792 (800) 437-8625
V-50		All products		09/06	09/11	Holophane, Manville P.O. Box 3004 Newark OH 43058-3004 (740) 345-9631

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		M400A2 Cutoff		09/06	09/11	General Electric – Lighting Systems Dept. 1750 Howe Ave., Suite 220 Sacramento CA 95825 (916) 923-6003
V-51		RL-400 Cutoff		01/06	01/11	Hubbell 2000 Electric Way Christiansburg VA 24073 (703) 382-6111
V-51	02150 02151	Roadway 325	Approved for 250w and 400w	04/06	04/11	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		Mongoose		09/06	09/11	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 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 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 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 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 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 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.

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	All products		09/06	09/11	Milbank Milbank Manufacturing Co. PO Box 419028 Kansas City MO 64141-6028 (877) 483-5314
V-54	06070	All products		09/06	09/11	Myers Power Products, Inc. 725 E. Harrison St. Corona CA 92879 (951) 520-1900
V-54	06071	All products		09/06	09/11	Pacific Utility Products 2430 Railroad St. Corona CA 92880 (800) 860-6157
V-54	06072	All products		09/06	09/11	Tesco Controls, Inc. 3409 52nd Ave. Sacramento CA, 95823-9012 (916) 395-8800

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
54A	06093	All products		09/06	09/11	Alpha 3767 Alpha Way Bellingham WA 98226 (360) 647-236
V-54	06073	All products		09/06	09/11	Myers Power Products, Inc. 725 E. Harrison St. Corona CA 92879 (951) 520-1900
V-54	06074	All products		09/06	09/11	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 products		9/06	9/11	Econolite Control Products 3360 East La Palma Avenue, Anaheim CA 92806-0150 (714) 630-3700
V-55A	06075	All products		9/06	9/11	McCain Traffic Supply 2365 Oakridge Way Vista, CA 92081 (760) 497-1158
V-55A		All products		9/06	9/11	Peek Traffic, Inc. 1500 N. Washington Blvd., Sarasota, FL 34236 1-800-245-7660
V-55A	06076	All 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 products		9/06	9/11	Ameron 1130 A West Marine View Dr. Everett WA 98201 (425) 258-2616
V-55B	06078	All products		9/06	9/11	Cem-Tec 3745 South 7th Ave. Phoenix AZ 85041 (602) 268-8895
V-55B	06079	All products		9/06	9/11	McCain Traffic Supply 2365 Oakridge Way Vista, CA 92081 (760) 497-1158
V-55B	06080	All 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 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 products		9/06	9/11	Ameron 1130 A West Marine View Dr. Everett WA 98201 (425) 258-2616
V-55C	06082	All products		9/06	9/11	Cem-Tec 3745 South 7th Avenue Phoenix AZ 85041 (602) 268-8895
V-52C	06083	All 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 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 products		9/06	9/11	Hapco 26252 Hillman Highway Abingdon,VA 24210 (800) 368-7171
V-55D	06097	All 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. 9603 John Street Santa Fe CA 90670 (800) 733-7872 (562) 923-7555 – Fax

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		3/03	3/08	Fischer Pierce 90 Libbey Parkway Weymouth MA 02189 (800) 969-9797
V-57	02149	Photocontrol DP Series		04/06	04/11	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 products		09/06	09/11	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 79111 NE 33rd Drive 160 Portland OR 97211 [Local: Phoenix Highway Products, Inc., 2202 W. Lone Cactus Drive, #4, Phoenix AZ 85027] 623.434.0509 623.434.0511 – Fax
V-58		Polypropylene Loop w/ Hydraulic Hose Homerun		3/03	3/08	Never Fail Loops 79111 NE 33rd Drive 160 Portland, Oregon 97211 [Local: Phoenix Highway Products, Inc. @ 2202 W. Lone Cactus Drive, #4, Phoenix Arizona 85027] 623.434.0509 623.434.0511 – Fax

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		Rackvision	Only	09/06	09/11	ECONOLITE CONTROL PRODUCTS, INC. 3360 E. La Palma Ave. Anaheim CA 92806 (714) 630-3700

V-58A	06084	All products		09/06	09/11	ITERIS 1515 S. Manchester Ave. Anaheim CA 92802-2907 (714) 774-5000
V-58A	06085	All products		09/06	09/11	Philips Electronics North America Corporation 1251 Avenue of the Americas New York NY 10020 (212) 536-0500
V-58A	06086	All products		09/06	09/11	TRAFICON USA LLC 14520 Avion Parkway, Suite 305 Chantilly VA 20151 (703) 961 9617
V-58A	06098	All products		09/06	09/11	Unitrack Industries 967 E. Masten Circle Milford DE 19963 (302) 424-5050

V-59 Signal And Lighting – Pull Box/Extension – Concrete
ADOT Specifications: 732
ADOT Drawings: T.S. 1-1 through 1-5
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-59		All products		09/06	09/11	Christy Concrete Products 44100 Christy Fremont CA 94538 (800) 486-7070
V-59		All products		09/06	09/11	Contractor / Engineers Supply 1402 S. 27th Ave. Phoenix AZ 85009 (602) 272-1369
V-59		All products		09/06	09/11	J&R 11050 Redwood Ave. Fontana CA 92335 (714) 350-4616
V-59		All products		09/06	09/11	Quickset 4301 W. McArthur Blvd. Santa Ana CA 92704 (714) 557-7470

V-60 Signal And Lighting – Pull Box/Extension – Polymer Concrete
ADOT Specifications:
ADOT Drawings: T.S. 1-1 through 1-5
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-60	04005	Carson H-Series Polymer Concrete Vaults		5/05	5/10	Carson Industries 1160 Nicole Ct. Glendora CA 91740 (909) 261-5515

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) 51-5 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	01064	Media Star		4/03	4/08	Allied Lighting Systems, Inc. 3914 Murphy Canyon Road, Ste A107 San Diego CA 92123 (858) 505-4740 (858) 505-4117 – Fax
V-62		Panel-Vue	Approved for induction fluorescent lighting only.	3/03	3/08	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.	09/06	09/11	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		All products		09/06	09/11	Ameron International Pole Products Division 2333 South Yukon St. Tulsa OK 74107 (918) 585-5611 (918) 587-9540 –Fax
V-63		All products		09/06	09/11	Cemtec 3745 S. 7th Ave. Phoenix AZ 85041 (602) 268-8895
V-63		All products		09/06	09/11	Union Metal Corp. 3315 Big Cloud Circle Thousand Oaks CA 91360 (805) 493-1428

V-63		All products		09/06	09/11	Valmont Industries, Inc. Hwy 275 Valley NE 68064 (800) 228-9863
V-63	03034	Aluminum Light Poles Types “G”, “H”, & “I”		4/03	4/08	Hapco Aluminum Pole Products 26252 Hillman Highway Abingdon VA 24210 (800) 368-7171 (540) 628-7707 – Fax
V-63	05056	Millerbernd’s Structural Supports for Traffic & Highway Lighting		04/06	04/11	Millerbernd Manufacturing Company 622 6th St. South Winsted MN 55395 (320) 485-2111 (320) 485-4420-Fax

V-64 Signal And Lighting – Temporary Traffic Signals – Portable
ADOT Specifications: None
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-64	98005	Super Quartz III & V	V is the solar powered version of the III	3/03	3/08	Horizon Signal 202 Conestoga Road Wayne PA 19087-4748 (800) 852-8796
V-64		Trafficmaster		11/05	11/10	United Rentals Highway Technologies, Inc. 3116 S. Roosevelt Phoenix AZ 85282 (480) 894-2101

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

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-66		All products		09/06	09/11	3M Corp. – Traffic Control Materials Division 3M Center Bldg. 223-3N-01 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-66		All products		09/06	09/11	Econolite Control Products 3360 East La Palma Avenue Anaheim CA 92806-0150 (714) 630-3700 (714) 630-6349 – Fax
V-66	02028	All products		4/03	4/08	McCain Traffic Supply 2575 Pioneer Avenue Vista CA 92083 (760) 497-1158 (760) 727-8184 – Fax

V-66		All products		09/06	09/11	Peek Traffic Systems, Inc. 3000 Commonwealth Boulevard Tallahassee FL 32303-3157 (850) 562-2253 (850) 562-4126 – Fax
V-66		All products		09/06	09/11	Trafcon 8280 Western Way Circle Jacksonville FL 32216 (904) 731-4688

V-66A Signal And Lighting – LED Signal Modular
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	02087 06087	All products		09/06	09/11	Act One 12735 Schabarum Ave. Irwindale CA 91706 (888) 228-6631
V-66A	06088	All products		09/06	09/11	Dialight 260E. Crossville Rd. Roswell GA 30075 (770) 998-2680
V-66A	06089	All products		09/06	09/11	GELcore 6180 Halle Drive Valley View OH 44125-4635 (216) 606-6555
V-66A	06090	All products		09/06	09/11	Precision Solar 2985 Market St. Garland Texas 75041 (972) 278-0553

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 products		09/06	09/11	Econolite Control Products 3360 East La Palma Avenue Anaheim CA 92806-0150 (714) 630-3700 (714) 630-6349 – Fax
V-67		All products		09/06	09/11	Peek Traffic Systems, Inc. 3000 Commonwealth Boulevard Tallahassee FL 32303-3157 (850) 562-2253 (850) 562-4126 – Fax

V-67		All products		09/06	09/11	Trafcon 8280 Western Way Circle Jacksonville FL 32216 (904) 731-4688
V-67	02050	Traffic Signal Frame Work		09/06	09/11	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		09/06	09/11	General Electric – Lighting Systems Dept. 1750 Howe Ave. Suite 220 Sacramento CA 95825 (916) 923-6003 (916) 923-9596 – Fax
V-68		Wallpack II Module 600		3/03	3/08	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)		01/06	01/11	Sign Support Systems Corporation PO Box 8041 Greensboro, North Carolina 27419 (866) 549-7706 (336) 674-6690-Fax
V-69	I01096	**Break-Safe**		7/03	7/08	Transpo Industries, Inc. 20 Jones St. New Rochelle NY 10801 (503) 674-9180 Fax – (503) 674-9180
V-69	01098	Slip-Mate		3/02	2/07	Western Highway Products, Inc. 10650 Fern Avenue Stanton CA 90680 1-800-730-4939 (708) 753-0335

V-69	01097	Triangular, Multi-directional Slip Base		3/02	2/07	Xcessories Squared Dev. & Mfg., Inc. 7350 W. St. Rt. 104 – P.O. Box 135 Auburn IL 62615 1-800-621-7948

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		07/06	07/11	Dent Breakaway Industries P.O. Box 6007 Farmington New Mexico 87499 (360) 943-9559

V-71 Signing – Letters – Die Cut
ADOT Specifications: 608
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-71				5/90		3M Corp. – Traffic Control Materials Div. 3M Center Bldg. 223-3N-01 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-71				5/90		Z.A.P. Manufacturing 12096 Charles Drive Grass Valley CA 95945

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		11/05	11/10	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.	8/01	8/06	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 5495 East 69th Avenue Commerce City CO 80022 (303)286-7051
V-73	98-03	Ulti-Mate Sign Support System	System (12 gage) perforated sign post 12 gage	11/05	11/10	Ultimate Highway Products, Inc. P.O. Box 7 10650 Fern Avenue Stanton, California 90680
V-73		Telespar		11/05	11/10	Allied Tube & conduit 16100 S. Lathrop Ave Harvey, IL 60426 (800) 882-5543
V-73	ID# 03075	Perforated Square Sign Post Systems	Approved **only** for 12 gauge steel, square tubing sizes from 1 ¾" to 2 ½".	3/05	3/10	Northwest Pipe Company 6307 Toledo Street Houston, Texas 77008

V-74 Signing – Reflective Sheeting – Type I
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	95-31	Adcolite 180 Series	Used with pressure-sensitive adhesive. Approved colors: white, yellow, red, gold, orange, blue, green, and amber.	11/05	11/10	Ariston Reflective Inc 1312 Middle Street Sullivans Island, SC 29482 (843) 883-0471 (866) 228-6488 – Fax
V-74	95-31	Adcolite 280 Series	Used with heat-activated adhesive. Approved colors: white, yellow, red, gold, orange, blue, green, and amber.	11/05	11/10	Ariston Reflective Inc 1312 Middle Street Sullivans Island, SC 29482 (843) 883-0471 (866) 228-6488 – Fax
V-74	95-30	Fasign 1500 Series	Used with pressure-sensitive adhesive. Approved colors: white, yellow, red, gold, orange, blue, green, dark red, and brown.	2/01	2/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax
V-74	95-30	Fasign 1600 Series	Used with heat-activated adhesive. Approved colors: white, yellow, red, gold, orange, blue, green, dark red, and brown.	2/01	2/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax

V-74	95-37	**Nikkalite, Engineering Grade**	Used with pressure-sensitive or heat-activated adhesive. Approved colors: white, yellow, green, red, blue, brown, and orange.	01/06	01/11	Nippon Carbide Industries (USA) Inc. 12981 E. Florence Ave Santa Fe Springs, CA 90670 (562) 777-1810 (562) 777-1811– Fax
V-74	95-36	Scotchlite 3200 Series	Used with pressure-sensitive adhesive. Approved colors: white, yellow, red, orange, blue, green, and brown.	01/06	01/11	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/

V-74D Signing – Reflective Sheeting – Type I – Screen Ink
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-74D	95-37	N3500 Series	For Nikkalite, super engineering grade. Approve colors: black, orange, brown, green, red, and blue.	01/06	01/11	Nippon Carbide Industries (USA) Inc. 12981 E. Florence Ave Santa Fe Springs, CA 90670 (562) 777-1810 (562) 777-1811– Fax
V-74D	95-36	**700 Series**	For Scotchlite 2200 and 3200 series. Approved colors: green, blue, and black.	01/06	01/11	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 **(800) 362-3455** **http://www.3m.com/US/**
V-74D	95-31	**Enamel Series**	For Adcolite 180 and 280 series. Approved colors: green, red, and black.	11/05	11/10	Ariston Reflective Inc 1312 Middle Street Sullivans Island, SC 29482 (843) 883-0471 (866) 228-6488 – Fax

V-75 Signing – Reflective Sheeting – Type II
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	95-29	Fasign 2500 Series	With pressure-sensitive adhesive. Approved colors: white, yellow, red, orange, blue, and green.	2/01	2/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax
V-75	95-29	Fasign 2600 Series	With heat-activated adhesive. Approved colors: white, yellow, red, orange, blue, and green.	2/01	2/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax

V-75	95-38	Nikkalite, Super Engineering Grade	Enclosed lens. With pressure-sensitive or heat-activated adhesive. Approved colors: white, yellow, green, red, blue, brown, and orange.	01/06	01/11	Nippon Carbide Industries (USA) Inc. 12981 E. Florence Ave Santa Fe Springs, CA 90670 (562) 777-1810 (562) 777-1811– Fax

V-75D Signing – Reflective Sheeting – Type II – Screen Ink
ADOT Specifications: AASHTO M268-93
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-75D	95-38	N3500 Series	For Nikkalite, super engineering grade. Approved colors: black, orange, brown, green, red, and blue.	01/06	01/11	Nippon Carbide Industries (USA) Inc. 12981 E. Florence Ave Santa Fe Springs, CA 90670 (562) 777-1810 (562) 777-1811– Fax
V-75D	95-29	Marabu Series	For Fasign 2500 and 2600 series. Approved color: black.	2/01	2/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax

V-76 Signing – Reflective Sheeting – Type III and/or IV
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-76	95-34	High Intensity Grade Reflective Sheeting Series 2870	With heat-activated adhesive. Approved colors: white, yellow, red, blue, green, and brown.	3/01	3/06	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-76		High Intensity Grade Reflective Sheeting Series 3870	With pressure-sensitive adhesive. Approved colors: white, yellow, red, blue, green, and brown.	3/01 See Note	3/06	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-76		Scotchlite 3860 Series	With pressure-sensitive adhesive. Electrocut, used as legend. Approved color: white.	01/06	01/11	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-76	04040	3M High Intensity Grade Prismatic Reflective Sheeting Series 3930	White, yellow, blue, green and orange colors are approved. Red to be reconsidered in 12/2005.	12/04	12/09	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/

V-76		Avery Dennison T-6500 Series	All colors. Only available in pressure sensitive.	2/01 See Note	2/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax
V-76	02133	T-5500A Series High Intensity Sign Sheeting		12/04	12/09	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax
V-76	03060	CRG 94000 Series Sign Sheeting	Appoved for white, yellow, and red colors only. Blue and green colors to be reconsidered in 12/2005.	12/04	12/09	Nippon Carbide Industries (USA) Inc. 12981 E. Florence Ave Santa Fe Springs, CA 90670 (562) 777-1810 (562) 777-1811– Fax
V-76		Nikkalite Brand Ultra Lite Grade II	All colors	2/01 See Note	2/06	Nippon Carbide Industries (USA) Inc. 12981 E. Florence Ave Santa Fe Springs, CA 90670 (562) 777-1810 (562) 777-1811– Fax
Note:	Approval is conditional until the time field-testing and/or use is able to verify claimed durability and performance.					

V-76D Signing – Reflective Sheeting – Type III and/or IV – Screen Ink
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-76D	95-34	880 Series	For Scotchlite 2800 and 3800 series. Approved colors: green, blue, black, red, and brown.	01/06	01/11	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-76D		Stimsonite Ink System	All colors	9/97	12/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax
V-76D		Nikka Lite Brand Process Colors	All colors	2/01	12/06	Nippon Carbide Industries (USA) Inc. 12981 E. Florence Ave Santa Fe Springs, CA 90670 (562) 777-1810 (562) 777-1811– 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		Diamond Grade-Visual Impact-Performance (VIP)	For use on flat to semi-flat surfaces only.	4/03	4/08	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-76M		Avery Dennison Series 4500	For use on flat to semi-flat surfaces only.	2/01	2/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax
V-76M		AP-1000 or AR-1000	For use on any shaped surface.	6/01	6/06	Reflexite North America 315 South Street New Britain CT 06050-1200 (800) 654-7570 (860) 932-9267 – Fax
V-76M	01036	WR-6100	Reboundable high intensity prismatic retroreflective sheeting for channelizers and delineators in work zones.	9/01	9/06	Avery Dennison Reflective Products Division 6565 W. Howard Street Niles IL 60714 (847) 647-7717 (847) 647-1205 – Fax

V-77 Signing – Reflective Sheeting – Type P (ASTM 4956 Types VII, VIII, IX & other similar prismatics)
ADOT Specifications: AASHTO M268-93
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-77	95-35	3M 3970 Series Diamond Grade	With pressure-sensitive adhesive. Application will be determined by the Traffic Group. Approved colors: white, yellow, red, and blue.	01/06	01/11	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-77	03028	3M Scotchlite Diamond Grade Fluorescent LDP Work Zone Sheeting 3924		4/03	7/08	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-77	03028	3M Scotchlite Diamond Grade Fluorescent LDP Work Zone Sheeting 3924s	Will replace LDP Work Zone Sheeting 3924	1/06	1/11	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-77	03029	Crystal Grade Prismatic Retroreflective Sheeting 92000 Series – 92847 Fluorescent Orange		4/03	4/08	Nippon Carbide Industries (USA) Inc. 12981 E. Florence Ave Santa Fe Springs, CA 90670 (562) 777-1810 (562) 777-1811– Fax
V-77	03065	CRG 92000 Series	Product to be reevaluated in 12/06 after additional performance data is reviewed	10/05	10/06	Nippon Carbide Industries (USA) Inc. 12981 E. Florence Ave Santa Fe Springs, CA 90670 (562) 777-1810 (562) 777-1811– Fax
V-77	03030	T-7000 FL MVP – W – 7514 Fluorescent Orange		4/03	4/08	Avery Dennison 6565 W. Howard St. Nile IL 60714 (847) 647-7717 (847) 327-5917 – Fax
V-77	01067 03031	T-7000 FL MVP – Prismatic Grade (T-7500 Series)	All Standard Colors	4/03	4/08	Avery Dennison 6565 W. Howard St. Nile IL 60714 (847) 647-7717 (847) 327-5917 – Fax
V-77	03032	Scotchlite Diamond Grade VIP (Visual Impact Performance) Reflective Sheeting Series 3990	All Standard Colors	4/03	4/08	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-77	03112	3M Scotchlite 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	10/04	10/09	3M Company 3M Center Bldg 225-55-08 St. Paul Minnesota 55144-1000 (480)221.5407 (480)705.5291-fax
V-77	05027	3M Diamond Grade DG Series 4090	Approved for white, yellow, green, blue, red, fluorescent yellow, fluorescent orange.	4/05	5/10	3M Company 3M Center Bldg 225-55-08 St. Paul Minnesota 55144-1000 (480)221.5407 (480)705.5291-fax

V-77D Signing – Reflective Sheeting – Type VII- Screen Ink
ADOT Specifications: AASHTO M268-93
ADOT Drawings: None
Responsible Section: Traffic Group

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
V-77D	95-35	880 Series	For 3M 3970 series diamond grade. Rapid dry. Approved colors: green, blue, black, red, and brown*.	01/06	01/11	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/

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		9/01	9/06	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
V-77M		Reflexite Marathon		9/01	9/06	Reflexite 315 South St. New Britain CT 06050- 1200 (800) 654-7570 (860) 932-9267 – Fax
V-77M		Reflexite Roll-up Sign Sheeting	Individual roll-up sign fabricated from this material will be examined individually via the PRIDE program.	6/01	6/06	Reflexite 315 South St. New Britain CT 06050-1200 (800) 654-7570 (860) 932-9267 – 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		Reflexite Super Brite		9/01	9/06	Reflexite 315 South St. New Britain CT 06050- 1200 (800) 654-7570 (860) 932-9267 – Fax
V-77N		Series RS 30		9/01	9/06	3M Traffic Safety Systems Division 3M Center Bldg. 223-3B-55 St. Paul MN 55144-1000 (800) 362-3455 http://www.3m.com/US/
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-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-78	02006	Structure Set		4/03	4/08	PolyBackfill 2129 Hendricks # 128 Arlington TX 76011 (817) 548-8231 (817) 548-8231 – Fax http://www.structureset@attbi.com

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	02067	Dynaflex 4000 (Model # DF4000)		6/02	6/07	Dicke Tool Company 1201 Warren Avenue P.O. Box 518 Downers Grove IL 60515 (630) 969-0050 (630) 969-3973 – Fax www.dicketool.com
V-79A	02068	Model 4818		6/02	6/07	MDI Traffic Control Products 38271 West 12 Mile Road Farmington Hills MI 48331-3041 (800) 521-6776 (248) 553-1900 (248) 488-5700 – Fax www.mdiworldwide.com
V-79A		Model 48		6/01	6/06	SignUp Corporation P.O. Box 14624 Portland OR 97293 (800) 659-6466 (503) 238-2740 – Fax
V-79A	02070	Aluminum Buster or Little Buster (48" legs)		6/02	6/07	TrafFix Devices, Inc. 220 Calle Pintoresco San Clemente CA 92672 (949) 361-5663 (949) 361-9205 – Fax www.traffixdevices.com

V-79A	02069	SS548 / SS548A		6/02	6/07	Korman Signs, Inc. 3029 Lincoln Ave. Richmond VA 23228-4295 (804) 262-6050 (804) 261-1040 – Fax www.kormansigns.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		Model 48 (60" legs)		6/01	6/06	SignUp Corporation P.O. Box 14624 Portland OR 97293 (800) 659-6466 (503) 238-2740 – Fax
V-79A	02071	Model 4860K		6/02	6/07	MDI Traffic Control Products 38271 West 12 Mile Road Farmington Hills MI 48331-3041 (800) 521-6776 (248) 553-1900 (248) 488-5700 – Fax www.mdiworldwide.com
V-79B	02073	Big Buster		6/02	6/07	TrafFix Devices, Inc. 220 Calle Pintoresco San Clemente CA 92672 (949) 361-5663 (949) 361-9205 – Fax www.traffixdevices.com
V-79B	02074	SS560 / SS560A		6/02	6/07	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 Stands
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		05/05	05/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228
V-79D	02105	Model SS548UCRA Sign Stand		05/05	05/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228
V-79D	02103	Model SS560UCA Sign Stand		05/05	05/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228
V-79D	02102	Model SS570UC Sign Stand		05/05	05/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228
V-79D	02101	Model SS560UC Sign Stand		05/05	05/10	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		05/05	05/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228
V-79E	02134	S548C Portable WorkZone Sign Stand		05/05	05/10	Korman Signs, Inc. 3029 Lincoln Avenue Richmond VA 23228
V-79E	02104	Model SS548UC Sign Stand		05/05	05/10	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

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
W-1		N/A				

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-2	ID# 93003	Permeon 501	For applications on rocks and concrete surfaces only.	3/03	3/08	Soil-Tech 5375 S. Cameron Dr. Suite L Las Vegas NV 89118 (702)873-2023

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		FEBCO Model 825Y	Reduced pressure assembly Available 3/4" to 2."	9/01	9/06	CMB Industries, Inc. P.O. Box 8070 Fresno CA 93747-8070 (559) 252-0971 www.cmb-ind.com
X-3		Type 'K' Copper	Available 3/4" to 2."	10/96	9/01	Nibco Piping Products West 1702 Moulton Parkway Tustin CA 92680 (714) 838-8284
X-3		Type 'K' Copper	Available 3/4" to 2."	2/01	2/06	Cerro Copper Products Co. P.O. Box 66800 St. Louis MO 83186-6800 (618) 337-800
X-3		Pressure switch gauge	DAW-33-2-7 Bourdon tube pressure switch.	10/96	9/01	Mercoid

X-3		Enclosure	Various sizes for outdoor installations.	5/01	5/06	Hoffman 2100 Hoffman Way Anoka MN 55303 (612) 421-2240 www.hoffmanonline.com
X-3		Wrought and Cast copper fittings	Available ¾" to 2."	10/96	9/01	Nibco Piping Products West 1702 Moulton Parkway Tustin CA 92680 (714) 838-8284
X-3		Hose bib	HB-2M	2/01	2/06	Champion Irrigation Products 1460 Naud St. Los Angeles CA 90012-1982 (323) 221-2108 (323) 221-1690 – Fax http://www.championirrigation.com/
X-3		Inverted garden valve	Model I-401	2/01	2/06	Champion Irrigation Products 1460 Naud St. Los Angeles CA 90012-1982 (323) 221-2108 (323) 221-1690 – Fax http://www.championirrigation.com/
X-3		PVC Manual ball valve	5061	2/01	2/06	Ryan Herco 1248 W. Geneva Tempe AZ 85282 (602) 968-1141
X-3		Electric actuator	EA-20	2/01	2/06	Ryan Herco 1248 W. Geneva Tempe AZ 85282 (602) 968-1141
X-3		Master valve	416TSE	10/01	10/06	Worchester Controls 33 Locke Dr. Marlborough MA 01752 (508) 481-4800
X-3		Master valve actuator	Series 75	10/96	9/01	Worchester Controls 33 Locke Dr. Marlborough MA 01752 (508) 481-4800
X-3		Fertilizer injector	Series 'SD' ratio feeder	9/01	8/06	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		Filter	Series 4E	9/01	8/06	Agricultural Products, Inc. P.O. Box 7 Sun Valley CA 91352 (818) 768-3303
X-3		Filter	Series YSBR	2/01	2/06	Zurn Industries, Inc./Wilkins Div. 1747 Commerce Way Paso Robles CA 93446 (805) 238-7100

X-3		Conductor	Sizes as needed.	10/96	9/01	Westwire Co., Inc. 6050 N. 55th Avenue Phoenix AZ 85061 (602) 934-7529
X-3		Conductor	Sizes as needed.	10/96	9/01	Southwire Co. 3555 W. Washington Phoenix AZ 85009 (602) 233-1777
X-3		Nema 3 Enclosures	Sizes as needed.	10/96	9/01	Hoffman Engineering Co. 900 Ehlen Dr. Anoka MN 55303 (612) 421-2240
X-3		Backflow enclosure	Fence and gate	10/96	9/01	American Fence Co. 2502 N. 27th Ave. Phoenix AZ 85002 (602) 272-2333
X-3		Backflow enclosure	Cage	10/96	9/01	Wayne Vowell Welding 601 W. Watkins Phoenix AZ 85003 (602) 253-1175

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-4		Digital flowmeter	Sizes and types as specified in “Special Provisions.”	3/01	3/06	Data Industrial Corp. 11 Industrial Drive P.O. Box 740 Mattapoisett MA 02739-0740 (508) 758-6390 (508) 758-4057 – Fax http://www.dataindustrial.com
X-4		Digital flow monitor	Model # 1500	9/01	8/06	Data Industrial Corp. 11 Industrial Drive P.O. Box 740 Mattapoisett MA 02739-0740 (508) 758-6390 (508) 758-4057 – Fax http://www.dataindustrial.com
X-4		Digital flow monitor options	Wall Mount Box - #37003 AC power Adapter - # A1016	9/01	8/06	Data Industrial Corp. 11 Industrial Drive P.O. Box 740 Mattapoisett MA 02739-0740 (508) 758-6390 (508) 758-4057 – Fax http://www.dataindustrial.com

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	2/01	2/06	Bowsmith, Inc. P.O. Box 428 Exeter CA 93221 (559) 592-9485 (559) 592-2314 – Fax
X-5		Emitter - Multi	Bowsmith nonstop model #'s ML206, ML210, or ML220	2/01	2/06	Bowsmith, Inc. P.O. Box 428 Exeter CA 93221 (559) 592-9485 (559) 592-2314 – Fax
X-5		Supply tubing	.350 x .250 poly tubing	9/01	8/06	Agricultural Products P.O. Box 7 Sun Valley CA 91352 (818) 768-3303
X-5		Distribution tubing	.220 x .160 vinyl tubing	9/01	8/06	Agricultural Products P.O. Box 7 Sun Valley CA 91352 (818) 768-3303
X-5		Distribution tubing stake	Model S-2	9/01	8/06	Agricultural Products P.O. Box 7 Sun Valley CA 91352 (818) 768-3303
X-5		Compression adapter	Model CA-1/2 1/2" slip x .350 tubing adapter	9/01	8/06	Agricultural Products P.O. Box 7 Sun Valley CA 91352 (818) 768-3303
X-5		Threaded adapter	Model 3120 1/2" NPT x .350 tubing adapter	2/01	2/06	Bowsmith, Inc. P.O. Box 428 Exeter CA 93221 (559) 592-9485 (559) 592-2314 – Fax

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 DG-5025-4	2/01	2/06	Hendrickson Bros. 2931 Rimpau Avenue Corona CA 92881-3625 (909) 737-6822 (909) 737-9151 – Fax

X-6		3/4 “Flex hose	Model FH-075	9/01	8/06	Agricultural Products P.O. Box 7 Sun Valley CA 91352 (818) 768-3303
X-6		1/8” Schrader valve	Model APS-1/8	9/01	8/06	Agricultural Products P.O. Box 7 Sun Valley CA 91352 (818) 768-3303
X-6		Valve box	Series 12	10/96	9/01	Brooks Products 10220 Fourth St. Cucamonge CA 91730 (714) 987-8966
X-6		Threaded adapter	Model ¾-MHS	9/01	8/06	Agricultural Products P.O. Box 7 Sun Valley CA 91352 (818) 768-3303

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	10/96	9/01	Motorola, Inc. 3332 E. Broadway Phoenix AZ 85040 (602) 271-7800
X-7		Enclosure	Model La-Max 48H x 36W x 18D	5/01	5/06	Cross Brothers 5255 Sheliz St. Los Angeles CA 90040-3990 (323) 266-2000
X-7		Antenna	Model RRA-4908A, 806-866 MHz antenna and cable kit	10/96	9/01	Motorola Inc. 3332 E. Broadway Phoenix AZ 85040 (602) 271-7800
X-7		Directional antenna	Model D25TSA, 806-825 MHz antenna	10/96	9/01	Motorola Inc. 3332 E. Broadway 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 plus B	8/01	8/06	The Toro Company Attn: Pul Tammelleo 5825 Jasmine Street Riverside CA 92504-1183

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

Category	ID/Rpt. No.	Product	Notes	Approval Date	Recertify Date	Manufacturer
X-9		Remote control valve	Rainbird PEB series	10/96	9/01	Rainbird Commercial Division 4261 S. Country Club Rd. Tucson AZ 85706 (520) 741 6100
X-9		Remote control valve	Hunter HPV series	2/01	2/06	Hunter Industries 1940 Diamond St. San Marcos CA 92096 (760) 744-5240 http://www.hunterindustries.ccom
X-9		Remote control valve	Irritrol 100P series	8/01	8/06	The Toro Company Attn: Pul Tammelleo 5825 Jasmine Street Riverside CA 92504-1183
X-9		Remote Control Valve	Buckner VP series	3/01	3/06	Buckner by Storm 4381 N. Brawley Avenue Ferns CA 93722 (800) 328-4470 (599) 275-3384 – Fax
X-9		Valve box	Model 1320	10/96	9/01	Brooks Products Inc.
X-9		Pressure gauge	Model PHG	10/96	9/01	Rainbird/Commercial Division 4261 S. Country Club Road Tucson AZ 85706 (520) 741 6100
X-9		Dri-splice	Model DS-100	2/01	2/06	Spears Manufacturing Co. 15853 Olden St. Sylmar CA 91342 (818) 364-1611 (818) 362-1596 – Fax http://www.spearsmfg.com/
X-9		Dri-splice sealant	Model DS-300	3/01	3/06	Spears Manufacturing Co. 15853 Olden St. Sylmar CA 91342 (818) 364-1611 (818) 362-1596 – Fax http://www.spearsmfg.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		Gate valve	Model T-113	10/96	9/01	Nibco Piping Products West 1702 Moulton Parkway Tustin CA 92680 (714) 838-8284
X-10		Manual valve	Series 200	2/01	2/06	Champion Irrigation Products 1460 Naud St. Los Angeles CA 90012-1982 (323) 221-2108 (323) 221-1690 – Fax http://www.championirrigation.com/
X-10		Valve box	Series 111000	4/01	4/06	US Filter/Plymouth Products, Inc. 502 Indiana Avenue P.O. Box 1047 Sheboygan WI 53082-1047 (800) 222-7558 (920) 457-6652 – Fax http://www.ametekwater.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	2/01	2/06	Cresline-West, Inc. 3747 W. Buckeye Rd. Phoenix AZ 85009 (602) 269-5161
X-11		Polyvinyl chloride (PVC)	Sizes as submitted	2/01	2/06	Pacific Western Pipe 2220 Nugget Way Eugene OR 97403 (503) 747-4255
X-11		Polyvinyl chloride (PVC)	Sizes as submitted	5/01	5/06	Apache Plastics 300 S. Beckman Rd. Lodi CA 95240 (800) 527-2243
X-11		Polyvinyl chloride (PVC)	Sizes as submitted	9/01	10/06	J-M Manufacturing Co., Inc. 9 Peach Tree Hill Drive Livingston NJ 07039 (973) 535-1633 (973) 535-1632 – Fax http://www.jmpipe.com/

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

X-12		Lodge Poles	2” x 2” Douglas Fir or 2” diameter lodge pole	10/96	9/01	Sullivan and Lumber Co. 1617 E. 17th St., Suite 27 Santa Ana CA 92701 (714) 347-0978