OREGON DEPARTMENT OF TRANSPORTATION CONSTRUCTION SECTION

QUALIFIED PRODUCTS LIST

PUBLISHING DATE: JULY 2008



This list is published every six months and is available from the Internet. Please notify the Product Evaluation Coordinator, in the Construction Section at the ODOT Materials Laboratory, of any changes in Standard Drawings, Special Provisions, or Specifications, etc., which would require additions to, deletions from, or changes to this listing.

Internet Address: http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/

QUALIFIED PRODUCTS LIST OREGON DEPARTMENT OF TRANSPORTATION

The **"QUALIFIED PRODUCTS LIST"** (QPL) is a comprehensive list of all finished products which have been evaluated and/or used by the Oregon DOT.

The "QUALIFIED PRODUCTS LIST" is made up of two types of lists:

1. The **QUALIFIED LIST** is for products that have been reviewed and found to be suitable for use in a specific category. <u>Job control testing</u> may still be necessary. Consult the <u>ODOT Nonfield-Tested Materials</u> <u>Acceptance Guide</u>", the "ODOT Field-Tested Materials Acceptance Guide", and the Project Specifications.

2. The **APPROVED LIST** is for commercially available products having a low consequence of failure. These products are only usable for appropriate applications. May Require a Field Inspection Report. State existence on the Approved List and recognition of the product. No additional sampling or testing is needed.

Products on the **REJECTED LIST** should not be used for that specific category. Common reasons for rejection are: inability to meet our specifications, or poor performance. It is possible that a product could be rejected for one category but qualified in another.

Specific questions regarding products on the un-published **CONDITIONAL LIST** can be answered by calling **503/986-3059**.

"Conditionally Approved" products need <u>specific</u>, prior <u>approval</u> for each project. Approval is given for one project at a time.

The use of all products is restricted to the category in which they are listed. Products should be used and installed as the manufacturer recommends. Use of this list by **ODOT Maintenance** Personnel as an *information resource* is encouraged.

Description	Page #
Conversion for Contracts using 2008 Specs Index by Category, for Spec # Traffic Control Devices Erosion Control Devices	II-III IV V - VI
Durable Traffic LinesV Attenuator Attributes Qualified & Approved List1	IX
by Spec Number Rejected List140 Reinforcing Steel	

The "QPL" and submittal forms are accessible from the Internet:

http://www.oregon.gov/ODOT/HWY/CONSTRUCTION

Although the products listed may be approved for use, they are not exempt from State Purchasing Rules, practices and guidelines, or manufacturer's warrantees or guarantees.

If you have questions, contact:

Oregon Department of Transportation 800 Airport Rd SE, Salem, OR 97301-4798 Mike Dunning, Phone: 503/986-3059 FAX: 503/986-3096



Oregon QPL Conversion for Contracts using the 2008 Specifications 7/29/08

In this edition of the QPL, the Specification numbers will display as they are in the 2002 Standard Specifications.

The following list is a cross-over chart that will allow someone using the 2008 Standard Specs to see what the number was in the 2002 Standard Specifications book.

QPL products referenced in Construction Contracts based on the 2008 specifications <u>may have additional requirements not</u> required by the 2002 Specs. Read the Specifications closely.

Item Name	2002 Spec Number	2008 Spec Number	Comments
Outlet Filter	00280.10V	00280.10v	
Plastic Sheeting	00280.10K	00280.14a	
Soil Stabilizer – Dust Control	00280.10F	00280.14c	
Mulches, Temporary	00280.10J	00280.14d	
Matting – Slope	00280.10i	00280.14e	
Matting – Flexible Channel Liner	00280.10i	00280.14e	
Check Dams	00280.10B	00280.15a	
Drainage Curbs	00280.10E	00280.15c	
Slope Drain, Temporary	00280.10R	00280.15d	
Flow Spreader	00280.10G	00280.15e	
Sediment Fence	00280.10O	00280.16c	
Inlet Protection	00280.10H	00280.16d	
Sediment Barrier, Temporary	00280.10N	00280.16e	
Sediment Mat	00280.10P	00280.16f	
Slope Protection	00280.10W	Eliminated from QPL	
Revetment	00390.00	Eliminated from QPL	
Porous Paver	00760.00	To Be Determined	
Barrier Markers	00820.11	00840	
Delineators, Flexible and Metal	02850	00840	
Pavement Markings – Reflective Elements (Glass Beads	s) 02840	00850	
Pavement Markers	02840	00855	Common Specs in 00850 of the 2008 Book
Pavement Marker Adhesive – Bituminous and Epoxy	02840	00855	Common Specs in 00850 of the 2008 Book
Surface Mounted Tubular Markers (Permanent)	N/A	00856	
Pavement Markings – Painted Longitudinal	02840	00860	Common Specs in 00850 of the 2008 Book
Pavement Markings – Durable Longitudinal	00862	00865	Common Specs in 00850 of the 2008 Book
Pavement Markings – Tape, Permanent	00851	00865	Common Specs in 00850 of the 2008 Book
Pavement Markings – High Performance Longitudinal	00864	00866	Common Specs in 00850 of the 2008 Book
Pavement Markings – Durable Transverse (Legends)	00850	00867	Common Specs in 00850 of the 2008 Book
Stormwater Control Facilities	00470.00	01092.10	Was called Special Manhole (Stormwater)

Page I

OREGON DEPARTMENT OF TRANSPORTATION

"QPL" INDEX BY CATEGORY TO GET SPECIFICATION NUMBERS

PAGE II

CATEGORY	SPEC #	CATEGORY	SPEC #	CATEGORY	SPEC #
ADMIXTURES, CONCRETE	02040.10	CONCRETE BARRIER GATE	00820.00	EROSION CONTROL	00280.10
ANTI-GRAFFITI COATING - SIGNS	02910.70	CONCRETE EVAPORATION RETARDER	02050.40	EXPANSION JOINTS, BRIDGE	02440.20
ASPHALT COLD PATCH - HI PERFORMANCE	E 00745.00	CONCRETE MODIFIER - FLY ASH	02030.10	FENCING, CHAIN LINK	03010.00
AUTOMATED FLAGGER ASSIST. DEVICE	00225.18	CONCRETE MODIFIER - GGBF SLAG	02030.40	FENCING, WORKZONE DELINEATION	00225.12
BACKER ROD	02440.14	CONCRETE MODIFIER - LATEX	02030.10	FIRE PRE-EMPT DEVICE	00990.46
BARRICADE, TEMPORARY	00225.12	CONCRETE MODIFIER - METAKAOLIN	02030.50	FLAGGER STATION LIGHTING	00225.17
BARRIER MARKER	00820.11	CONCRETE MODIFIER - SILICA FUME	02030.20	FLAGGER STOP/SLOW PADDLE	00225.27
BARRIER PANELS, REFLECTIVE	00225.12	CONCRETE RETARDER (SURFACE)	00540.10	FORM TIE, NON-METALLIC	00540.45
BARRIER, CABLE	00811.00	CONCRETE SEALER - CHLORIDE BARRIER	02060.00	FRP BRIDGE STRENGTHENING	00565.00
BEARINGS, BRIDGE	00582.00	CRACK INJECTION, EPOXY	02060.00	GEOCELL	00350.00
BIRD SPIKES	00907.11	CRACK SEALER	02060.00	GEOTEXTILES, PAVING	00350.00
BONDING AGENT, EPOXY	02070.10	CURING BLANKET, CONCRETE	02050.30	GLARE SHIELDS	00822.00
BONDING AGENT, NON-EPOXY	02070.20	CURING COMPOUND, CONCRETE	02050.10	GROUT, EPOXY	02080.10
CEMENT, PORTLAND	02010.10	DAMP PROOFING, CLEAR	00597.11	GROUT, KEYWAY	02080.30
CHEMICAL DE-ICER	03200.00	DELINEATORS, FLEXIBLE	02850.30	GROUT, NON-EPOXY (NON SHRINK)	02080.20
COATING FOR REBAR SPLICES	02510.11	DELINEATORS, METAL	02850.10	GROUT, TENDON	02080.50
COATING, FOR REBAR, EPOXY	02510.11	DETECTABLE WARNING DEVICES	00759.00	GUARDRAIL BLOCKS, PLASTIC	02110.20
COMPOST	01040.15	DRAINS, SLOTTED, PREFORMED	00445.00	GUARDRAIL TERMINALS	02820.00
CONCRETE ANCHOR, MECHANICAL	00535.10	ELASTOMERIC CONCRETE	02440.21	HIGHWAY EDGE DRAINS	02410.00
CONCRETE ANCHOR, RESIN	00535.10	ELECTRONIC CUTTABLE FILM	02910.60	IMPACT ATTENUATOR, PERM.	00830.00

OREGON DEPARTMENT OF TRANSPORTATION

"QPL" INDEX BY CATEGORY TO GET SPECIFICATION NUMBERS

PAGE III

CATEGORY	SPEC#	CATEGORY	SPEC#	CATEGORY	SPEC#
IMPACT ATTENUATOR, TEMP.	00225.12	PCMS / PVMS - CHNGABLE MESSAGE SIGN	00225.16	SIGN SUPPORTS, PORTABLE	00225.11
IMPACT ATTENUATOR, TRUCK MTD	00225.12	PILE TIPS	00520.00	SIGN SUPPORTS, SQUARE TUBE	00930.00
JOINT FILLER, PREFORMED	02440.10	PIPE, MASTIC	00445.12	SOIL STERILIZATION	01040.21
LATEX EMULSION PAINT	02210.30	PIPE, POLYETHYLENE (STORM, CULVERT)	02410.60	STORMWATER CONTROL FACILITIES	01092.10
LEGEND, MARKINGS	00850.00	PIPE, POLYMER COATINGS FOR METAL PIPE	02420.20	STRUCTURAL STEEL CAULKING	00594.12
LOOP SEALANTS, TRAFFIC	00990.43	PIPE, PVC (FOR STORM SEWER, ETC)	02410.70	STRUCTURE COATINGS	00594.11
LUBRICANTS FOR GALV FASTENERS	02560.70	PLASTIC DRUMS, TEMPORARY	00225.13	SYNTHETIC SLURRY	00512.14
MAILBOX SUPPORTS	01070.00	POLYMER OVERLAY FOR PCC	02010.20	TAPE, NON-REFLECTIVE	00225.13
MANHOLE RISER RINGS	00470.00	POROUS PAVER	00760.00	TAPE, PERMANENT, STRIPING	00851.10
MANHOLE STEPS	02450.30	POURED JOINT FILLER, HOT	02440.30	TAPE, TEMPORARY	00225.13
MARKERS, TUBULAR AND CONICAL	00225.13	POURED SEALANT, SILICONE (2 PART)	02440.11	TRAFFIC LINES, DURABLE	00862.10
MARKERS, TUBULAR, SURF. MTD, PERM.	00856.10	RADIO MODEM	02920.44	TRAFFIC PAINT, REFL ELEMENTS	02840.20
MARKERS, TUBULAR, SURF. MTD, TEMP.	00225.13	REBAR MANUFACTURERS	00530.00	TRAFFIC PAINT, STANDARD	02840.10
MEMBRANE, WATERPROOFING	00591.00	REBAR SPLICE, MECHANICAL	00530.42	TRAFFIC SIGNAL, PORTABLE (TEMP)	00225.16C
MOISTURE RETENTION CHEM FOR SOIL	01040.22	ROCK BOLTS	00398.00	TRENCHLESS TECHNOLOGY	00445.00
OVERHEIGHT VEHICLE WARNING	00225.16	SEQUENTIAL ARROW SIGN	00225.16	TRUCKBED COATING MATERIAL	00745.22
PAVEMENT MARKER ADHESIVE	02840.61	SIGN COVERS, TEMPORARY	00225.11	WATERPROOFING - CAP	00597.11
PAVEMENT MARKER, FLEXIBLE	00225.13	SIGN SHEETING TYPE O4, WORKZONE RIGI	E 00225.11	WOOD PRESERVATIVE, FIELD	02190.30
PAVEMENT MARKER, PERMANENT	02840.60	SIGN SHEETING, TYPES I - X	02910.20		
PCC PATCHING	02010.10	SIGN SHEETING, WORKZONE ROLL-UP	00225.11		

Traffic Control Devices

NOTICE

Beginning October 1, 1998, most contracts require applicable Traffic Control Devices (TCD) to conform with the National Cooperative Highway Research Program (NCHRP) Report 350, except for the following categories:

- Portable trailer mounted, lighting supports,
- Portable sequential arrow signs,
- Portable changeable message signs, and
- Portable temporary traffic signals
- Portable trailer mounted Automated Flagger Assistance Devices (AFADS)

It is the responsibility of the Contractor to ensure they use a product that complies with the appropriate requirements.

FHWA Website: http://safety.fhwa.dot.gov/roadway_dept/road_hardware/wzd.htm

Erosion Control

Page V

Category	Remarks	Section
Check Dams	Type 1 – Aggregate	00280.10B
	Type 2 – Straw Bale w/ Aggregate Weir	
	Type 3 – Biofilter Bag	
	Type 4 – Sand Bag	
	Type 5 - Prefabricated Check Dam System	
Drainage Curbs		00280.10E
Soil Stabilizer – Dust Control	Organic	00280.10F
	Synthetic	
Flow Spreader		00280.10G
Inlet Protection	Type 1 – Sediment Fence	00280.10H
	Type 2 – Geotextile w/Aggregate Filter	
	Type 3 – Prefabricated Filter Insert (Standard and Oil/Gas Versions)	
	Type 4 – Biofilter Bag	
	Type 5 – Masonry and Aggregate	
	Type 6 – Other	
Matting** - Slope	Type A - Slopes 1:3 or flatter - Clay Soil	00280.10i
	Type B - Slopes 1:3 or flatter- Sandy Soil	
	Type C - Slopes steeper than 1:3 - Clay Soil	
	Type D - Slopes steeper than 1:3 - Sandy Soil	
Matting** – Flexible Channel Lir	ner Type E - Shear Stress Range 0 – 96 Pascals (0 –2 lbs/sq ft)	00280.10i
	Type F - Shear Stress Range 0 – 192 Pascals (0 –4 lbs/sq ft)	
	Type G - Shear Stress Range 0 – 287 Pascals (0 –6 lbs/sq ft)	
	Type H - Shear Stress Range 0 – 383 Pascals (0 –8 lbs/sq ft)	

**Texas DOT Website for use with Mattings: <u>http://www.dot.state.tx.us/services/maintenance/erosion_control.htm</u> Rev 7/2008

Erosion Control

Page VI

Category	Remarks	Section
Mulches, Temporary	Organic	00280.10J
	Synthetic	
	Tackifier	
	Tackifier only	
Plastic Sheeting		00280.10K
Sediment Barrier, Temporary	Type 1 – Straw Bale	00280.10N
	Type 2 – BioFilter Bag	
	Type 3 – Straw Rolls (Wattles)	
	Type 4 – Sand Bags	
	Type 5 – Brush Barriers	
	Type 6 – Filter Berm	
	Type 7 – Pre-Fabricated Sediment Barrier	
	Type 8 – Compost Filter Berm	
Sediment Fence		00280.100
Sediment Mat		00280.10P
Slope Drain, Temporary		00280.10R
Outlet Filter	Type 1 – In Channel	00280.10V
	Type 2 – End of Pipe	
	Type 3 – Flocculent	
Slope Protection	Type 1 – Soft Armoring	00280.10W
	Type 2 – Cellular Confinement	
	Type 3 – Other	
Porous Paver	Light, Medium, & Heavy Duty Versions	00760.00
Rev 7/2008		

High Performance Pavement Markings

Permanent Pavement Markings

Category	Applications	Section
Method 1A	Markings with no-track 0 to 2 minutes	00864.10
Method 1B	Markings with no-track > 2 to 5 minutes	00864.10
Method 1C	Markings with no-track > 5 to 10 minutes	00864.10

Durable Traffic Markings

Legend Markings

Category	Applications	Section
Type A	Liquid Hot Poured Thermoplastic with intermixed and top-dressed beads, 120 Mils	00850.10
Туре В	Preformed Fused Thermoplastic with intermixed beads, 125 Mils	00850.10
Type B-HS	Preformed Fused Thermoplastic with intermixed beads, 125 Mils (Has better skid performance)	00850.10
Туре С	Cold Applied Plastic Film (Tape), 60 Mils	00850.10
Type C-HS	Cold Applied Plastic Film (Tape), 60 Mils (Has better skid performance)	00850.10
Туре D	Methyl Methacrylate with intermixed aggregate & intermixed & top-dressed beads 120 Mils	00850.10

Permanent Pavement Striping Tape

Applications	Section
Permanent Pavement Striping Tape, Hot Laid	00851.10
Permanent Pavement Striping Tape, Grooved	00851.10
Permanent Pavement Striping Tape, Patterned, Hot Laid	00851.10
Permanent Pavement Striping Tape, Patterned, Grooved	00851.10
Permanent Pavement Striping Tape, Wet Weather, Hot Laid	00851.10
Permanent Pavement Striping Tape, Wet Weather, Grooved	00851.10

Pavement Markings, Durable

Category Method A - Profiled	Applications Methyl Methacrylate, (MMA) Profile, 90 Mils w/ ½" bumps Methyl Methacrylate, (MMA) Profile, 120 Mils w/ ½" bumps Thermoplastic, Profile, 90 Mils w/ ½" bumps Thermoplastic, Profile, 120 Mils w/ ½" bumps	Section 00862.10 00862.10 00862.10 00862.10
Method B - Non-Profiled	Methyl Methacrylate, (MMA) Non-Profile 90 Mils, Extruded Methyl Methacrylate, (MMA) Non-Profile 120 Mils, Extruded Thermoplastic, Non-Profile 90 Mils, Extruded Thermoplastic, Non-Profile 120 Mils, Extruded	00862.10 00862.10 00862.10 00862.10
Method C – Protective Inlay	Methyl Methacrylate (MMA) - Inlaid Thermoplastic - Inlaid	00862.10 00862.10
Method D - Inverted Profile w/bump	Thermoplastic, Inverted Profile w/ bumps	00862.10
Method E - Inverted Profile	Thermoplastic, Inverted Profile w/o bumps	00862.10
Method F – Spray	Methyl Methacrylate (MMA) Spray 90 Mils - Spray Methyl Methacrylate (MMA) Spray 120 Mils - Spray Thermoplastic Spray 90 Mils - Spray Thermoplastic Spray 120 Mils - Spray	00862.10 00862.10 00862.10 00862.10
Method G – Inlaid, Inverted Profile w/bump Waffle	Thermoplastic, Inverted Profile Waffle Pattern - Inlaid	00862.10 Special Provision Only

Notes: 1) Methyl Methacrylate is also known as MMA (Moratorium in place for MMA projects since 6/06).

Permanent Impact Attenuator Attributes

ID #	Product Name	Manufacturer	ODOT Types ³	Test Level or Speed	Re-Directive or Partial.	Gating or not	Designed for Obstacle Widths ² of:	Length of Attenuator ¹	One Sided Hit (Shoulder)	Two Sided (Gore)	Two Sided Reverse Direction (Median)	Low Maintenance (if Applicable)
2921	EASI-CELL	ENERGY ABSORPTION		TL-1	Partial	Gating	51"	102"	Yes	Yes	Yes	No
3154	2005 SHORTRACC (TL-2)	TRINITY INDUSTRIES	С	TL-2	Yes	Non-Gating	24" & 30"	14'	Yes	Yes	Yes	No
3155	2005 WIDETRACC (TL-2)	TRINITY INDUSTRIES	D	TL-2	Yes	Non-Gating	2' 6"	Variable	Yes	Yes	Yes	No
3436	QUADGUARD (TL-2)	ENERGY ABSORPTION	C or D	TL-2	Yes	Non-Gating	24" - 90"	13' 1"	Yes	Yes	Yes	No
2413	QUADGUARD ELITE - TL-2	ENERGY ABSORPTION	G or H	TL-2	Yes	Non Gating	24-90"	Variable (23' 9" + transition)	Yes	Yes	Yes	Yes
3437	REACT 350 WIDE (TL-2)	ENERGY ABSORPTION	н	TL-2	Yes	Non Gating	60", 90"	18' 10"	Yes	Yes	Yes	Yes
3438	REACT 350 NARROW (TL-2)	ENERGY ABSORPTION	G	TL-2	Yes	Non Gating	36"	15' 2 3/4"	Yes	Yes	Yes	Yes
3110	SCI70GM	WORK AREA PROTECTION	G or H	TL-2	Yes	Non Gating	24" - 120"	Variable (13' 6" + transition)	Yes	Yes	Yes	Yes
2844	SHORTTRACC	TRINITY INDUSTRIES	С	TL-2	Yes	Non Gating	24" & 30"	14'	Yes	Yes	Yes	No
2961	UNIVERSAL TAU-II	BARRIER SYSTEMS	E or F	TL-2	Yes	Non Gating	up to 102"	Variable 9' - 22'	Yes	Yes	Yes	No
3153	2005 TRACC (TL-3)	TRINITY INDUSTRIES	E	TL-3	Yes	Non Gating	24" & 30"	21'	Yes	Yes	Yes	No
3155	2005 WIDETRACC (TL-3)	TRINITY INDUSTRIES	F	TL-3	Yes	Non-Gating	Variable	Variable	Yes	Yes	Yes	No
2711	BEAT SSCC	ROAD SYSTEMS, INC.	А	TL-3	Partial	Gating	NA (Single Sided)	28'	Yes	No	No	No
880	BRAKEMASTER 350	ENERGY ABSORPTION	В	TL-3	Partial	Gating	G/R Transition	31' 8"	Yes	Yes	Yes	No
291	CAT-350 CRASH CUSHION	TRINITY INDUSTRIES	В	TL-3	Partial	Gating	G/R & Barrier	31.2' w/ Tail	Yes	Yes	Yes	No
1572	QUADGUARD	ENERGY ABSORPTION	E or F	TL-3	Yes	Non Gating	24-120"	22' 1"	Yes	Yes	Yes	No
2413	QUADGUARD ELITE - TL-3	ENERGY ABSORPTION	J or K	TL-3	Yes	Non Gating	24-90"	Variable (35' + transition)	Yes	Yes	Yes	Yes
1906	QUADTREND 350	ENERGY ABSORPTION	А	TL-3	Partial	Gating	NA (Single Sided)	20'	Yes	No	No	No
3138	QUEST 350	ENERGY ABSORPTION	Е	TL-3	Yes	Non Gating	24"	22' 2"	Yes	Yes	Yes	No
2587	REACT 350 - WIDE	ENERGY ABSORPTION	к	TL-3	Yes	Non Gating	60", 96" & 120"	33' 10"	Yes	Yes	Yes	Yes
1364	REACT 350 (NARROW)	ENERGY ABSORPTION	J	TL-3	Yes	Non Gating	36"	30' 8"	Yes	Yes	Yes	Yes
2907	SCI100GM	WORK AREA PROTECTION	J or K	TL-3	Yes	Non-Gating	24" - 120"	Variable (21' 6" + transition)	Yes	Yes	Yes	Yes
1902	TRACC	TRINITY INDUSTRIES	Е	TL-3	Yes	Non Gating	24"	Variable (21' + transition)	Yes	Yes	Yes	No
2961	UNIVERSAL TAU-II	BARRIER SYSTEMS	E or F	TL-3	Yes	Non Gating	up to 102"	25'	Yes	Yes	Yes	No
2759	WIDETRACC	TRINITY INDUSTRIES	E or F	TL-3	Yes	Non Gating	Variable	Variable (21' + transition)	Yes	Yes	Yes	No
3156	2005 FASTRACC	TRINITY INDUSTRIES		70 mph	Yes	Non Gating	24" & 30"	25' 8"	Yes	Yes	Yes	No
2570	QUADGUARD HS (HIGH SPEED)	ENERGY ABSORPTION		70 mph	Yes	Non Gating	24"	30' 7" to 31' 3"	Yes	Yes	Yes	No
3555	QUEST 115	ENERGY ABSORPTION		70 mph	Yes	Non Gating	24, 30, 36"	33' 3"	Yes	Yes	Yes	No

Notes:

1. Lengths of Impact Attenuators may vary depending on the need for a transition.

2. The design width for obstacles does not take into account additional width the Impact Attenuator may add.

3. When more than one Type is identified, only one is allowed as specified in the Plans.

Jul-08

Page IX

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.11	SIGN COVERS POLYPROPYLENE	SIGNSOCKS	SIGN SOCKS INC. 888/765-4769	02/10/00	1966	 А	COVERS SIGN COMPLETELY. BETTER THAN MOST OF THE STUFF BEING USED SO FAR. NOT APPROVED FOR PERMANENT APPLICATIONS.
00225.11	SIGN SHEETING - TYPE O4 RIGID - WORKZONE ODOT TYPE 04 FLUORESCENT ORANGE	3-M SERIES 3924 ASTM D4956 TYPE 7	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	07/10/03	1513	A	THIS TYPE OF SHEETING IS REQUIRED IN WORKZONES FOR PROJECTS BID AFTER 1/1/2006. IT IS ON WSDOT QPL.
00225.11	SIGN SHEETING - TYPE O4 RIGID - WORKZONE ODOT TYPE 04 FLUORSECENT ORANGE	AVERY DENNISON W-7514 ASTM D4956 TYPE VIII	AVERY DENNISON 800/327-5917	02/10/05	2855	A	THIS TYPE OF SHEETING IS REQUIRED IN WORKZONES FOR PROJECTS BID AFTER 1/1/2006. IT IS ON WSDOT QPL.
00225.11	SIGN SHEETING - TYPE O4 RIGID - WORKZONE ODOT TYPE O4 FLUORESCENT ORANGE	3-M SERIES 3924S ASTM D4956 TYPE VII & X	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	11/09/06	3236	A	THIS TYPE OF SHEETING IS REQUIRED IN WORKZONES FOR PROJECTS BID AFTER 1/1/2006. IT MEETS OUR SPECS FOR WZ.
00225.11	SIGN SHEETING - TYPE O4 RIGID - WORKZONE ODOT TYPE O4 FLUORESCENT ORANGE	3-M SERIES 3954 ASTM D4956 TYPE IX	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	12/09/04	2856	A	THIS TYPE OF SHEETING IS REQUIRED IN WORKZONES FOR PROJECTS BID AFTER 1/1/2006. IT IS ON WSDOT QPL.
00225.11	SIGN SHEETING, ROLL-UP FOR ROLL-UP SIGNS FLUORESCENT ORANGE	3-M RS24 ROLLUP SHEETING	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	11/16/00	1705	A	HELD UP WELL IN OUR TESTS. WAS VERY VISIBLE IN POOR LIGHT CONDITIONS. HANDLE CAREFULLY.
00225.11	SIGN SHEETING, ROLL-UP FOR ROLL-UP SIGNS FLUORESCENT ORANGE	REFLEXITE - MARATHON	REFLEXITE CORP. 800/654-7570	11/16/00	1821	A	HELD UP WELL IN OUR TESTS. WAS VERY VISIBLE IN POOR LIGHT CONDITIONS. HANDLE CAREFULLY.
00225.11	SIGN SHEETING, ROLL-UP FOR ROLL-UP SIGNS FLUORESCENT PINK	3-M RS33 ROLLUP SHEETING	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	11/10/05	2950	А	ODOT INCIDENCE MANANGEMENT ONLY.
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	COMPACT FLEXING STAND C-102	EASTERN METALS 800/872-7446 ZUMAR INDUSTRIES 800/426-7967	12/13/01	2183	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS ONLY. TESTED AT 18" ABOVE THE GROUND

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	COMPACT FLEXING STAND C-202	EASTERN METALS 800/872-7446 ZUMAR INDUSTRIES 800/426-7967	12/13/01	2182	 А	PASSED NCHRP 350 CAT 2 TESTING ROLL-UP SIGNS ONLY. 18" A.G. SAME AS C-942, BUT HAS GALV STEEL FRAME W/FIBERGLASS SPRNG
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	COMPACT FLEXING STAND C-942	EASTERN METALS 800/872-7446 ZUMAR INDUSTRIES 800/426-7967	12/13/01	2181	A	PASSED NCHRP 350 CAT 2 TESTING ROLL-UP SIGNS ONLY. 18" A.G. SAME AS C-202, BUT HAS ALUMIN FRAME WITH FIBERGLASS SPRING.
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	DL-1003W	PACIFIC SAFETY SUPPLY RYAN SCHURR 800-333-5641	04/10/03	2794	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS. MEETS OUR SPECS. TESTED AT 14" ABOVE THE GROUND
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	INTERSTATE SIGN STAND X-501	EASTERN METALS 800/872-7446 ZUMAR INDUSTRIES 800/426-7967	12/13/01	2180	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS ONLY. BASE IS MODEL X-500 AND ROLLUP SIGN OPTION IS X-501. 18" ABOVE GRN
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	INTERSTATE SIGN STAND X-551	EASTERN METALS 800/872-7446 ZUMAR INDUSTRIES 800/426-7967 FORESS SIGN CO 541/928-5858	12/13/01	1817	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS ONLY. BASE IS MODEL X-550 AND ROLLUP SIGN OPTION IS X-551. 18" ABOVE GRN
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	LITTLE BUSTER	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	12/13/01	2251	A	TESTED AT 12" ABOVE PAVEMENT MET NCHRP 350 CAT 2
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	PS-3000S	PACIFIC SAFETY SUPPLY RYAN SCHURR 800-333-5641	03/14/02	2219	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS. MEETS OUR SPECS TESTED AT 18.5" ABOVE GROUND
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	PS-3330S	PACIFIC SAFETY SUPPLY RYAN SCHURR 800-333-5641	03/14/02	2220	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS. MEETS OUR SPECS TESTED AT 18.5" ABOVE GROUND
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	SIGN-UP MS-2000X/I MINI STAND	SIGN-UP CORPORATION 800/659-6466	02/08/01	2285	A	TESTED AT 25" TO BOTTOM OF SIGN. MET NCHRP 350 CAT 2

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00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	SIGN-UP X-CELL SIGN STAND	SIGN-UP CORPORATION 800/659-6466	06/08/00	2286	 А	MFG SHOWED CRASHWORTHINESS AND WIND STABILITY. TESTED AT 18" TO BOTTOM OF SIGN.
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	TRAFFIX DEVICES SINGLE SPRING MODEL #22000 SPUH	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	03/14/02	2528	А	CRASH TESTED, AND MET OUR OTHER SPECS. TESTED AT 18" ABOVE THE GROUND
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	TRAFFIX STAND	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	12/12/01	2311	A	TESTED AT 12" ABOVE THE PAVEMENT SURFACE. MET NCHRP 350 CAT 2
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	UF 2000	PACIFIC SAFETY SUPPLY RYAN SCHURR 800-333-5641	04/10/03	2795	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS. MEETS OUR SPECS. TESTED AT 12" ABOVE THE GROUND
00225.12	BARRICADE, TEMP - TYPE 1	A-CADE MODEL # 100	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	05/11/00	2270	A	TYPE I BARRICADE. FHWA OK. REQUIRES 6# SAND BALLAST.
00225.12	BARRICADE, TEMP - TYPE 1	ECON PLASTIC FOLDING BARRICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	02/04/02	1506	A	MFG TESTED TO NCHRP 350.
00225.12	BARRICADE, TEMP - TYPE 1	HI IMPACT PLASTIC FOLDING BARR	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	09/11/03	2308	А	SAND FILLED BASE.
00225.12	BARRICADE, TEMP - TYPE 1	METAL LEG FOLDING BARRICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	09/11/03	2309	A	
00225.12	BARRICADE, TEMP - TYPE 1	TD2100 MODEL# 210127 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757 PUBLIC WORKS SUPPLY GREG MCDONALD 503/678-2981	12/09/04	2682	A	ALL PLASTIC. HAS AASHTO TYPE III SHEETING.

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00225.12	BARRICADE, TEMP - TYPE 1	TD2150-215153 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3212	 A	PLASTIC. HAS AASHTO TYPE III SHEETING.
00225.12	BARRICADE, TEMP - TYPE 1	TD2300 MODEL# 250231 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757 PUBLIC WORKS SUPPLY GREG MCDONALD 503/678-2981	12/09/04	2684	A	WOOD PANELS WITH 14 GA GALV LEGS. HAS AASHTO TYPE III SHEETING.
00225.12	BARRICADE, TEMP - TYPE 1	UNIVERSAL PLASTIC BARRICADE I	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	11/10/05	2169	A	MEETS NCHRP 250 CAT 2.
00225.12	BARRICADE, TEMP - TYPE 1	WAFFLE BOARD PLASTIC PANEL BW1 MODEL# "BW1"	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	11/10/05	2171	A	MEETS NCHRP 350 CAT 2
00225.12	BARRICADE, TEMP - TYPE 1	WOOD & METAL LEG BARRICADE BP1 MODEL# "BP1"	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	11/10/05	2170	A	MEETS NCHRP 350 CAT 2.
00225.12	BARRICADE, TEMP - TYPE 2	ECON PLASTIC FOLDING BARRICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	02/04/02	1506	А	MFG TESTED TO NCHRP 350.
00225.12	BARRICADE, TEMP - TYPE 2	HI IMPACT PLASTIC FOLDING BARR	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	09/11/03	2308	A	SAND FILLED BASE.
00225.12	BARRICADE, TEMP - TYPE 2	METAL LEG FOLDING BARRICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	09/11/03	2309	A	
00225.12	BARRICADE, TEMP - TYPE 2	MULTI-PURPOSE BARRICADE #200	ROADMARKER CO. 800/331-2332	05/11/00	2237	A	TYPE II BARRICADE. APPROVED BY FHWA.

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00225.12	BARRICADE, TEMP - TYPE 2	SAFETYCADE	WLI INDUSTRIES TOM BOYCE 708/932-4600	01/11/96	1423	 А	COLLAPSIBLE LOCKING PLASTIC BARRICADE SYSTEM. 2 TYPES: - TAPER AND TRANSITION - TANGENT (NCHRP 350-OK)
00225.12	BARRICADE, TEMP - TYPE 2	TD2150-215213 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	05/11/06	3279	A	ALL PLASTIC WITH AASHTO TYPE III SHEETING.
00225.12	BARRICADE, TEMP - TYPE 2	TD2300 MODEL# 250439 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757 PUBLIC WORKS SUPPLY GREG MCDONALD 503/678-2981	12/09/04	2684	A	WOOD PANELS WITH 14 GA GALV LEGS. HAS AASHTO TYPE III SHEETING.
00225.12	BARRICADE, TEMP - TYPE 2	UNIVERSAL PLASTIC BARRICADE II	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	03/09/00	2169	A	MEETS NCHRP 350 CAT 2. 37" HIGH, 24" WIDE, AND 25 POUNDS.
00225.12	BARRICADE, TEMP - TYPE 2	WAFFLE BOARD PLASTIC PANEL BW2 MODEL# "BW2"	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	07/13/00	2171	A	APPROVED BY FHWA TO NCHRP 350 CAT 2.
00225.12	BARRICADE, TEMP - TYPE 2	WOOD & METAL LEG BARRICADE BP2 MODEL# "BP2"	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	03/09/00	2170	А	MEETS NCHRP 350 CAT 2. 37" HIGH, 24" & 36" WIDE, 16 & 30 POUNDS. HAS PLYWOOD BOARDS WITH METAL LEGS.
00225.12	BARRICADE, TEMP - TYPE 3	BENT TYPE III BARRICADE MODEL# BP3	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	11/10/99	2007	A	NCHRP 350 CAT 2 APPROVED. STEEL UPRIGHTS W/WOOD PANELS. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	DAVIDSON T3B BARRICADE	FILTRONA EXTRUSN 877-335-4638 BILL DALY TRAFFIC SAFETY 800/547-8518	07/13/00	2303	A	PLASTIC PANELS & UPRIGHTS, AND STEEL FEET. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	EZ-UP TYPE III BARRICADE	CANTEL OF MEDFORD 541/773-2765	05/11/00	2241	A	SIMILAR TO BENT TYPE III UNIT. OK BY FHWA. NO SIGNS AND/OR LIGHTS.

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00225.12	BARRICADE, TEMP - TYPE 3	PST III	PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518	03/11/04	2743	 A	POLYETHYLENE. STACKABLE. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2400-290455 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	04/13/06	3288	A	PLASTIC PANELS, RAILS, AND UPRIGHTS. ANGLE STEEL BASE. AASHTO TYPE III SHEETING. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2400-291158A WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	05/11/06	2685	A	PLASTIC RAILS, PANELS, AND UPRIGHTS. ANGLE STEEL BASE. HAS AASHTO TYPE III SHEETING. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2500-270465 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3213	A	PLYWOOD BOARDS WITH ANGLE STEEL UPRIGHTS AND FRAME. HAS AASHTO TYPE III SHEETING. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2650-280338 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3214	A	PLASTIC BOARDS WITH TUBULAR STEEL UPRIGHTS AND FRAME. HAS AASHTO TYPE III SHEETING. NO SIGNS AND/OR LIGHTS.
00225.12	BARRIER MARKER TEMPORARY	BARRIER MARKER, TEMPORARY		04/19/00		A	SEE SECTION 00820.11 BARRIER MARKERS.
00225.12	BARRIER PANEL, REFLECTIVE TEMPORARY	3-M SERIES 344/346 LDS	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	11/09/04	2487	А	MOUNTS TO THE SIDE OF BARRIER. ODOT RESEARCH PROJECT. IT IS ALUMINUM STRIPS WITH RETRO- REFLECTIVE SHEETS ON THE FACE.
00225.12	FENCING, PEDESTRIAN WORKZONE DELINEATION	SAF-T-SNO	TENAX CORPORATION 800/874-7437 ACF WEST 800/878-5115 410/522-7000	04/12/07	3432	A	MEETS NEW SPECS.
00225.12	FENCING, PEDESTRIAN WORKZONE DELINEATION	TENAX/ALPI SAFETY FENCE	TENAX CORPORATION 800/874-7437 DAVE WRIGHT 503/232-3480 WHITE CAP 503/287-4151 KODIAK SUPPLY 800/332-7452	12/14/06	22	А	PLASTIC FENCE. MUST HAVE ADEQUATE SUPPORTS. 410/522-7000

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00225.12	FENCING, PEDESTRIAN WORKZONE DELINEATION	WARNING BARRIER FENCE # 14993	MUTUAL INDUSTRIES 800/523-0888 215/927-6000	07/12/07	3441	 А	
00225.12	GLARE SHIELDS TEMPORARY	GLARE SHIELDS, TEMPORARY		04/19/00		А	SEE SECTION 00822.00, GLARE SHIELDS.
00225.12	GUARDRAIL MTD REFLECTOR	GUARDRAIL MOUNTED REFLECTORS, TEMPORARY		04/19/00		A	SEE SECTION 02850.30, DELINEATORS, FLEXIBLE TYPE 4A, GUARDRAIL VERSION.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING	2005 SHORTRACC (TL-2)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/12/06	3154	A	TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. 14.2' LONG.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING	SCI70GM	SCI PRODUCTS 800/327-4417 WORK AREA PROTECTION 800/327-4417	01/11/07	3110	А	LOW MAINTENANCE UNIT. NARROW OR WIDE APPLICATIONS.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING	SHORTRACC (TL-2) WAS TRACC (TL-2)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	02/19/04	2844	A	TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. 14.2' LONG. 32" WIDE. ORIG Q UNDER P-1902.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING	2005 WIDETRACC (TL-2)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/12/06	3155	А	TESTED FOR IMPACT SPEEDS UP TO 45 MPH.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING	UNIVERSAL TAU-II (TL-2)	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	02/10/05	2961	A	FHWA APPROVED - 4 BAY SYSTEM.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-3	QUEST 115 SYSTEM	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	11/08/07	3555	A	IMPACT SPEEDS TO 70 MPH.

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00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-3	QUEST 350	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	11/08/07	3138	 А	WATCH REPAIR COSTS. BETTER FOR LOW HIT AREAS.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-3 GATING, NON RE-DIRECTIVE	ENERGITE III	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	11/09/95	1297	А	STANDARD DRAWINGS RD940 & 945. TEMPORARY INSTALLATIONS ONLY. TESTED FOR SPEEDS TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-3 GATING, NON RE-DIRECTIVE	FITCH SAND FILLED MODULES LABELED AS "UNIVERSAL MODULE"	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	06/10/93	1028	A	STANDARD DRAWINGS RD940 & 945. TEMPORARY APPLICATIONS ONLY. TESTED FOR SPEEDS TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-3 NON-REDIRECTIVE	TRAFFIX DEVICES BIG SANDY	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	12/12/02	1850	A	STANDARD DRAWINGS RD940 & 945. TEMPORARY APPLICATIONS ONLY. TESTED FOR SPEEDS TO 60 MPH. MODIFIED DRUMS OK'D.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING	SCI100GM	SCI PRODUCTS 800/327-4417 WORK AREA PROTECTION 800/327-4417	01/11/07	2907	A	LOW MAINTENANCE UNIT. NARROW OR WIDE APPLICATIONS.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	2005 FASTRACC	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	11/10/05	3156	A	TESTED FOR IMPACT SPEEDS UP TO 70 MPH. 25' 8" LONG. 30" WIDE.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	2005 TRACC (TL-3)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	11/10/05	3153	А	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. 21' LONG. 30" WIDE.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	TRACC (TL-3)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	11/10/99	1902	А	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. 21' LONG. 32" WIDE.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	2005 WIDETRACC (TL-3)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/12/06	3155	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH.

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00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	UNIVERSAL TAU-II (TL-3)	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	02/10/05	2961	 А	FHWA APPROVED - 8 BAY SYSTEM.
00225.12	IMPACT ATTENUATOR, TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	WIDETRACC	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	04/10/03	2759	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TEMPORARY, NARROW APPS. NCHRP 350 TL-2, GATING IMPACT SPEEDS 70KPH/45MPH	ABSORB 350 TL-2	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888	08/08/02	2336	A	FOR FRONT OF BARRIER AND QUICK CHANGE BARRIER. NON REDIRECTIV DON'T USE WITHIN 100' OF POND/ STREAM. IMPACT SPEEDS TO 45MPH
00225.12	IMPACT ATTENUATOR, TEMPORARY, NARROW SYSTEM NCHRP 350 TL-2	NEAT	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	09/14/95	1327	А	TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. THIS PRODUCT IS NON-REDIRECTIVE AND HAS ALUMINUM CARTRIDGES.
00225.12	IMPACT ATTENUATOR, TEMPORARY, NARROW SYSTEM NCHRP 350 TL-3	QUADGUARD CZ	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	04/09/98	1572	A	PERM. AND TEMP. INSTALLATIONS. RE DIRECTIVE AND NON-GATING. TESTED FOR IMPACT SPEEDS TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TEMPORARY, NARROW SYSTEM NCHRP 350 TL-3	REACT 350 (NARROW TL3)	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	08/10/95	1364	A	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. REQUIRES 8" THICK 4000PSI CONCRETE SLAB FOR ANCHOR. REDIRECT/NONGATING
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 350 TL-2	ALPHA 70K	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	10/10/96	1549	A	TRUCK MTD. TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. FOLLOW THE MANUFACTURER'S INSTRUCTIONS.
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 350 TL-2	RENCO REN-GARD 815 TMA	RENCO SUPPLY 512/251-2421 JML SERVICES 916/635-3054	06/10/04	270 4	A	FEDS OK'D TL-2 TESTING.
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 350 TL-3	MPS 350 III	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	05/08/97	1624	A	TRUCK MTD. TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. FOLLOW MANUFACTURER'S INSTRUC. UNIT IS ONLY 4' WIDE.

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00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP 180 TMA #9180	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	04/14/05	2892	 А	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. FOLLOW MANUFACTURER'S INSTRUC.
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP 180 TMA #9181	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	04/14/05	2920	A	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. FOLLOW MANUFACTURER'S INSTRUC.
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP 180 TMA #9182	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	08/14/05	3148	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH. FOLLOW MANUFACTURER'S INSTRUC.
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP TMA #8290	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	03/09/00	2200	A	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. FOLLOW MANUFACTURER'S INSTRUC.
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 350 TL-3	SCORPION C-10,000	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	12/14/00	2313	A	USES A CRUSHABLE ALIMINUM STRUT WITH BACKUP STRUCTURE AND A CARTRIDGE ASSEMBLY. TOTAL LENGTH: 140".
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 350 TL-3	VORTEQ TL-3	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	07/10/08	3644	A	TRAILER MOUNTED.
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 350 TL-3, GATING	ALPHA 100K TMA	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	02/12/98	1750	A	TRUCK MTD. TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. FOLLOW MANUFACTURER'S INSTRUCT FOR USE.
00225.13	BEADS, TEMPORARY FOR TEMPORARY PAINT	BEADS		08/05/03		A	SEE SECTION 02840.10 TRAFFIC PAINT, BEADS.
00225.13	MARKERS, CONICAL TEMPORARY	GRABBER	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	06/08/95	1210	Α	43" TALL, USE 16# BASE. STACKABLE. HANDLE ON TOP

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.13	MARKERS, CONICAL TEMPORARY	GRABBER CONE 28"	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	11/14/96	1507	 А	4" DIA. STACKABLE. THIS IS AN APPROVED CONICAL SHAPE. THE HEAVY 16# BASE IS REQ. 28" TALL.
00225.13	MARKERS, CONICAL TEMPORARY	NAVIGATOR CHANNELIZER	PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518	04/14/05	2745	A	LOW DENSITY POLYETHYLENE MINIMUM 16 POUND BASE. 42" TALL.
00225.13	MARKERS, CONICAL TEMPORARY	TD7200 MODEL 742585 RINGTOP CN	THREE D TRAFFIC WORKS 877/843-9757	04/14/05	2695	A	
00225.13	MARKERS, CONICAL TEMPORARY	TD7500 MODEL 755273 RINGTOP SLIM LINE	THREE D TRAFFIC WORKS 877/843-9757	07/10/08	3666	A	HAS 15 POUND OCTANGULAR BASE. 42" TALL
00225.13	MARKERS, CONICAL TEMPORARY	TD7500 MODEL 755585 RINGTOP SLIM LINE	THREE D TRAFFIC WORKS 877/843-9757	07/10/08	3446	A	HAS 20 POUND RECTANGULAR BASE. 42" TALL
00225.13	MARKERS, TUBULAR TEMPORARY	BENT TUBULAR MARKER MODEL# D6-5	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	05/01/88	1899	A	
00225.13	MARKERS, TUBULAR TEMPORARY	CANTEL TUBE	CANTEL INC 503/222-7490	10/01/88	249	A	
00225.13	MARKERS, TUBULAR TEMPORARY	GRABBER TUBE 28"	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	11/14/96	1505	A	4" DIA. NON STACKABLE. TUBULAR.
00225.13	MARKERS, TUBULAR TEMPORARY	NAVIGATOR TUBE	PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518	07/13/00	2239	A	TWO PIECE UNIT WITH HANDLE ON TOP.

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00225.13	MARKERS, TUBULAR TEMPORARY	PORTABLE DELINEATORS	SCIENTIFIC DEVELOPMENTS, INC. 800/824-6853 VENDOR:TRAFFIC SAFETY SUPPLY DICK PARSON 800/547-8518	10/14/93	1021	 А	UTILIZES 50% RECYCLED PLASTICS FOR TUBE AND 100% RECYCLED RUBBER BASE. SIMILAR TO OUR REGULAR TUBULAR MARKERS.
00225.13	MARKERS, TUBULAR TEMPORARY	T-TOP DELINEATOR POST MODEL DT7	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	11/16/00	2299	А	APPROVED FOR LENGTHS ALLOWED IN THE SPECS.
00225.13	MARKERS, TUBULAR TEMPORARY	TD5000-504315 12 POUND BASE	THREE D TRAFFIC WORKS 877/843-9757	01/11/07	3281	A	ORANGE
00225.13	MARKERS, TUBULAR TEMPORARY	TD5100 RING TOP DELIN. 507436	THREE D TRAFFIC WORKS 877/843-9757	12/14/06	2691	A	
00225.13	MARKERS, TUBULAR, BLUE TEMPORARY	TD5000-504315B 12 POUND BASE	THREE D TRAFFIC WORKS 877/843-9757	01/11/07	3207	A	BLUE
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	DURAPOST	SAFE-HIT CORP. 888/323-6374 MIKE MADDEN 206/932-6146	06/08/00	1182	А	100% URETHANE PLASTIC, PIN AT BASE HOLDS TOP ON. PRODUCT IS 3" DIA.
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	SUPERDUCK	CARSONITE INC. 800/648-7974 DISTRIBUTER: TRAFFIC SAFETY DICK PARSONS 800/547-8518 WSA - WES YOCKEY 503/407-2168	06/08/00	70	A	THE TUBES ARE REPLACEABLE AS IS THE REFLECTORIZED TAPE. CONFIRMED THAT IT MEETS OUR SPECS 6/2000.
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	TD5200-526859 (BOOMERANG)	THREE D TRAFFIC WORKS 877/843-9757	01/11/07	3011	A	
00225.13	PAINT, TEMPORARY FOR ASPHALT OR CONCRETE	PAINT		08/05/03		A	SEE SECTION 02840.10 TRAFFIC PAINT, STANDARD.

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00225.13	PAVEMENT MARKER, TEMPORARY	PAVEMENT MARKER, TEMPORARY		04/19/00		 А	SEE SECTION 02840.60, PERMANENT PAVEMENT MARKERS.
00225.13	PAVEMENT MARKER, FLEXIBLE TEMPORARY	DAVIDSON CHIPSEAL/OVERLAY MARKER (TRPM OR TOM)	FILTRONA EXTRUSN 877-335-4638 BILL DALY TRAFFIC SAFETY 800/547-8518	08/10/88	160	A	FOR PAVEMENT MARKING PRIOR TO PERMANENT STRIPING. WITH AND W/O CLEAR COVER. REMOVE COVER AFTER INSTALLATION.
00225.13	PLASTIC DRUMS TEMPORARY	FLEX-O-LITE 1500	FLEX-O-LITE 800/325-9525 CANTEL OF MEDFORD 541-773-2765 AMER. BARRICADE 503/285-6616	05/13/93	1023	А	LOW DENSITY TOP. HAS REFINED BASE MADE OF RECYCLED TIRES. ALL PROJECTS BID AFTER 1/2005 REQUIRE HI SHEETING.
00225.13	PLASTIC DRUMS TEMPORARY	HIGHWAY TECH DRUM HTLD-4HI	EASTERN MOLDING INTERNATIONAL 585/344-0220	06/12/03	2741	A	THIS VERISON HAS HIGH INTENSITY (HI) SHEETING. ALL PROJECTS BID AFTER 1/2005 REQUIRE HI SHEETING.
00225.13	PLASTIC DRUMS TEMPORARY	LIFEGARD CHANNELIZER (LDPE) MODEL# LG-L/44HO	PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518	02/13/92	846	А	USES RECYCLED TIRES FOR BASE. REQ HI SHEETING. LO DENSITY. MANUFACTURER IS RECOMMENDING USING 2 BASES FOR HIGH SPEEDS.
00225.13	PLASTIC DRUMS TEMPORARY	LIFEGARD II MODEL# LG2-L/44HO	PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518	08/12/04	2744	А	LOW DENSITY REQUIRED. HI OR BETTER REQUIRED ON ALL DRUMS FOR JOBS BID AFTER JAN 1, 2005
00225.13	PLASTIC DRUMS TEMPORARY	SUPERDOME DRUM SD-44H-LD	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	12/10/98	1529	A	MIN. BASE WT 25#. HI SHEETING REQD FOR CONTRACTS AFTER 1/05. LOW DENSITY ONLY. IF TIRE RING BASES ARE USED DRUM MUST MATCH
00225.13	PLASTIC DRUMS TEMPORARY	TRAFFIC LOGIX CHANNELIZER DRUM 53242, 53241, 53262, 53261	TRAFFIC LOGIX 866/915-6449	01/11/07	2992	A	LDPE VERSION ONLY.
00225.13	PLASTIC DRUMS TEMPORARY	TRAFFIX CHANNELIZR 18044-LD-HI MODEL# 18044-LD-HI	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	10/04/90	568	A	USE LOW DENSITY TYPE, BUT HIGH DENSITY VERSION LOOKS SIMILAR. SAN-FIL OR TIRE BASE. DENSITY ON BARREL. HI SHEETING REQD.

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00225.13	REFLECTIVE SHEETING-DRUMS FOR PLASTIC DRUMS	HI IMPACT CHANNELIZER TAPE	REFLEXITE CORP. 800/654-7570 JOHN LESTER 925/899-7646	01/11/07	1748	а А	PRISMATIC - TYPE IV.
00225.13	REFLECTIVE SHEETING-TUBES FOR TUBULAR MARKERS	REFLEXITE CONFORMALITE	REFLEXITE CORP. 800/654-7570 JOHN LESTER 925/899-7646	12/09/99	1747	A	
00225.13	TAPE, NON-REFLECTIVE TEMPORARY, REMOVABLE	3-M A145 REMOVABLE BLACK TAPE	3-M COMPANY 800/962-6217 TRAFFIC CONTROL 800/553-1380 SPENCER CANTWELL 541-390-1759	12/09/04	1411	A	BLACK REMOVABLE TAPE. DOES NOT HAVE BEADS. SURFACE NEEDS TO BE CLEAN, DRY, AND WARM. CHECK MUTCD FOR APPLICABILITY.
00225.13	TAPE, NON-REFLECTIVE TEMPORARY, REMOVABLE	ATM 280	ADVANCED TRAFFIC MARKINGS 252/536-2574 ALPINE PRODUCTS 253/351-9828 RAELEEN LUCAS 562/799-6160	11/10/05	2799	A	BLACK NON-REFLECTIVE TAPE.
00225.13	TAPE, NON-REFLECTIVE TEMPORARY, REMOVABLE	DELTALINE BTR	BRITE-LINE 877/375-1293 BILL JUBAK 440/926-0013	05/12/05	2838	A	BLACK NON-REFLECTIVE TAPE.
00225.13	TAPE, TEMPORARY NON-REMOVABLE	3-M 5160 CONSTRUCTION GRADE TAPE	3-M COMPANY 800/962-6217 TRAFFIC CONTROL 800/553-1380 SPENCER CANTWELL 541-390-1759	04/10/97	1329	A	FOIL BACKED. GENERALLY NOT REMOVABLE. GOOD FOR SHORT TERM APPLICATIONS.
00225.13	TAPE, TEMPORARY NON-REMOVABLE	FOL 200 CONSTRUCTION GRADE	FOL TAPE 888/365-8273	08/08/07	80	A	EVALUATED ON PAVEMENT MARKING TEST PROJECT, SALEM PARKWAY 4" X 300 FEET. FOIL BACKED. MUST BE DRY!
00225.13	TAPE, TEMPORARY NON-REMOVABLE	FOL 300 WET REFLECTIVE	FOL TAPE 888/365-8273	08/08/07	1162	A	EVALUATED ON PAVEMENT MARKING TEST PROJECT, SALEM PARKWAY 4" X 150 FEET. LARGER BEADS THAN FLEX-O-LINE 200. FOIL BAK
00225.13	TAPE, TEMPORARY REMOVABLE	3-M SERIES 780WR	3-M COMPANY 800/962-6217 TRAFFIC CONTROL 800/553-1380 SPENCER CANTWELL 541-390-1759	07/10/08	3366	A	HAS WET WEATHER ATTRIBUTES.

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00225.13	TAPE, TEMPORARY REMOVABLE	BRITE-LINE 100	BRITE-LINE 877/375-1293 BILL JUBAK 216/924-6215	08/10/06	788	 А	VERY STRONG. TEMP MUST BE 60F & UP WITH CLEAN, DRY SURFACE. TAPE PULLED STRAIGHT UP TO RE- MOVE, NO HEAT, SOLVENTS, ETC.
00225.13	TAPE, TEMPORARY REMOVABLE	TRELLEBORG RW-140 & RY-140	TRELLEBORG INDUSTI AB 732/494-0723	05/12/05	2455	A	
00225.16	OVERHEIGHT VEHICLE WARNER	SAFETY PASS SP-D12	ASTI TRANSPORTATION SYSTEMS 302/328-3220	06/14/07	3283	A	PCMS DEVICES CONNECTED TO THIS DEVICE MUST BE FROM QPL.
00225.16	OVERHEIGHT VEHICLE WARNER	TRIGG VEHICLE DETECTION & WARNING	TRIGG VEHICLE DET. & WARNING REP. H. ED TRIGG 345 WREXHAM COURT HAMPTON, VA 23669	10/12/95	1362	A	THIS IS A SINGLE OR DOUBLE BEAM WARNING DEVICE WITH AN AUDIBLE AND VISUAL WARNING. ATTACHED PCMS MUST BE ON QPL.
00225.16	PCMS / PVMS - TRAILER	PCMS / PVMS - MESSAGE SIGNS		01/01/03		A	NOTE: THE REJECTED LIST HAS A FEW UNITS THAT ARE ALLOWED ON PROJECTS BID THRU 12/31/05. CHECK THE REMARKS SECTION.
00225.16	PCMS / PVMS - TRAILER SOLAR - 3 LED'S PER PIXEL	SILENT MESSENGER MB-1548-OR	SOLAR TECHNOLOGY, INC. BYRON ZERPHY 800/475-5442 BOB KENNETT 800/544-4939	01/12/06	3217	A	PASSED 10/6/05 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 3 LED'S PER PIXEL	SILENT MESSENGER MB-3048-OR	SOLAR TECHNOLOGY, INC. BYRON ZERPHY 800/475-5442 BOB KENNETT 800/544-4939	10/10/02	2655	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 3 LED'S PER PIXEL	SILENT MESSENGER MB-4048-OR	SOLAR TECHNOLOGY, INC. BYRON ZERPHY 800/475-5442 BOB KENNETT 800/544-4939	01/12/06	2190	A	PASSED 3/14/00 DEMO. DID NOT ATTEND REQUIRED DEMO 9/24/02. PASSED 10/6/05 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	ADDCO DH-1000-ALS LED-ODOT	ADDCO 651/488-8600 DAVID BERKMAN 206/542-4624 TRAFFIC SAFETY 800/547-8518	10/10/02	1649	A	PASSED 9/24/02 DEMO.

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00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	CMS T-331-1B W/AIMSTAR	AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12	10/10/02	2665	 А	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	CMS T-333-1C W/AIMSTAR	AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12	10/10/02	2666	А	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	SUNRAY 390	US TRAFFIC / DISPLAY SOLUTIONS 800/733-7872	03/09/06	3227	А	PASSED 10/6/06 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	SUNRAY SOLAR 380	US TRAFFIC / DISPLAY SOLUTIONS 800/733-7872	10/10/02	2663	А	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	VANGUARD VP-1300-3X8-18-A	DAKTRONICS 888/325-8766	01/12/06	3215	A	PASSED DEMO ON 10/6/05.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	VER-MAC PCMS 1210-22	VER-MAC 888/488-7446	01/12/06	3222	A	PASSED DEMO ON 10/6/05.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	VER-MAC PCMS 12100R	VER-MAC 888/488-7446	06/10/04	2983	А	IMPROVED VERSION. PASSED DEMO PERFORMED BY TRAFFIC SECTION. PLACED ON ODOT BID #9223 4/04. MATCH MODEL # EXACTLY!
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	VER-MAC PCMS 1210QS	VER-MAC 888/488-7446	01/12/06	3174	A	PASSED DEMO ON 10/6/05.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	WTLMB-S-LL(A)	WANCO, INC. 800/972-0755	10/10/02	2669	A	FAILED 3/00 DEMO, BUT PASSED 9/24/02 DEMO. OKAY TO USE.

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00225.16	PCMS / PVMS - TRAILER SOLAR - HYBRID W/2 LED'S	ADDCO DH-1000-SLD LED-ODOT	ADDCO 651/488-8600 DAVID BERKMAN 206/542-4624 TRAFFIC SAFETY 800/547-8518	10/10/02	1180	 A	FLUORESCENT FLIP DISCS W/LEDS. FAILED EARIER DEMOS, BUT PASSED THE 9-24-02 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - HYBRID W/2 LED'S	SUNRAY SOLAR 380H	US TRAFFIC / DISPLAY SOLUTIONS 800/733-7872	10/10/02	2664	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK	PCMS / PVMS - MESSAGE SIGNS		01/01/03		A	NOTE: THE REJECTED LIST HAS A FEW UNITS THAT ARE ALLOWED ON PROJECTS BID THRU 12/31/05. CHECK THE REMARKS SECTION.
00225.16	PCMS / PVMS - TRUCK 2 LINES-3 LED'S PER PIXEL	LITEREADER 1020A-3	LITESYS INC. / INTELICOM, INC. 406/388-9317	10/10/02	2660	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	LITEREADER 1020A-4	LITESYS INC. / INTELICOM, INC. 406/388-9317	10/10/02	2263	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	LITEREADER 1020A-W	LITESYS INC. / INTELICOM, INC. 406/388-9317	10/10/02	2659	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	LITEREADER 1020F-4W-1	LITESYS INC. / INTELICOM, INC. 406/388-9317	04/13/06	3219	A	PASSED 3/23/06 DEMO. IT IS A MODIFIED VERSION OF 1020F-4W.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	тм-248	WANCO, INC. 800/972-0755	10/10/02	2673	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	WMRTP-2	WANCO, INC. 800/972-0755	10/10/02	2668	А	PASSED 9/24/02 DEMO.

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00225.16	PCMS / PVMS - TRUCK 3 LINES-3 LED'S PER PIXEL	LITEREADER 1030A-3	LITESYS INC. / INTELICOM, INC. 406/388-9317	10/10/02	2662	а.	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 3 LINES-3 LED'S PER PIXEL	SILENT MESSENGER MB-722-448	SOLAR TECHNOLOGY, INC. BYRON ZERPHY 800/475-5442 BOB KENNETT 800/544-4939	10/10/02	2656	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL	ER-200 CAB-MOUNT	NATIONAL SIGNAL, INC. 800/994-0300	10/10/02	2586	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL	LITEREADER 1030A-4	LITESYS INC. / INTELICOM, INC. 406/388-9317	10/10/02	2577	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL	LITEREADER 1030A-W	LITESYS INC. / INTELICOM, INC. 406/388-9317	10/10/02	2661	А	PASSED 9/24/02 DEMO.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". HALOGEN/LED, SOLAR POWER	ECLIPSE 2200/SE APF	ALLMAND BROTHERS 800/562-1373 WRIGHT-LANSDON CO 503/659-7635	01/13/00	1949	А	NEEDS 110 V POWER OPTION. BOTH LED AND HALOGEN NEED TO BE 590 NM (AMBER).
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED - SOLAR	ARO-LITE 100 WATT 25-M-100	NATIONAL SIGNAL, INC. 888/994-0300 WES YOCKEY 503/324-7213	11/08/01	2246	A	LED - SOLAR POWER. 25 LIGHT VERSION. DEMO TEST-OK 10/17/01 MODEL # IMPORTANT TO VERIFY ON EACH PROJECT.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	AMIDA DLSE 25 LA	TEREX AMIDA 803/324-3011 FRED UNSWORTH 707/996-9650 FORESS SIGNS 541/928-5858	09/14/00	2304	A	OK FOR LEGIBILITY AT 1 MILE.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	ARROWMASTER IV MODEL# WAAW 25SB	WORK AREA PROTECTION CORP. 800/327-4417 OR 708/377-9100	06/11/98	1571	A	LED - SOLAR POWER. 25 LIGHT VERSION.

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00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	SILENT SENTINEL	SOLAR TECHNOLOGY, INC. BYRON ZERPHY 800/475-5442 BOB KENNETT 800/544-4939	01/14/93	932	 А	SOLAR POWERED ARROWBOARD. IT WILL DO A CHEVRON AND APPEARS TO BE OK FOR OREGON'S CLIMATE. LED'S ADDED 11/97.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	SUN-UP SOLAR ARROW PANEL MODEL 100	NATIONAL SIGNAL, INC. 888/994-0300 DIST: CANTEL OF MEDFORD JOHN HUGHES, 541/773-2765	12/10/98	1801	A	UNIT IS SOLAR POWERED ELECTRONIC FLASHING ARROW.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	WANCO WTSP110-LSAC	WANCO, INC. 800/972-0755	11/16/00	2331	A	FIELD DEMO: 10/24/00 - OK FOR LEGIBILITY AT 1 MILE. LED LENS.
00225.16C	TRAFFIC SIGNAL, PORTABLE TEMPORARY, TRAILER MOUNT	ADDCO PTS-2000	ADDCO 651/488-8600 DAVID BERKMAN 206/542-4624 TRAFFIC SAFETY 800/547-8518	01/12/06	1586	Q	PROJECT MUST INCLUDE SPECS FOR TEMPORARY PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.
00225.16C	TRAFFIC SIGNAL, PORTABLE TEMPORARY, TRAILER MOUNT	HORIZON SQ-3TS	HORIZON SIGNAL 800/852-8796 HIWAY SPECIALTIES 503/390-1113	01/12/06	2646	Q	PROJECT MUST INCLUDE SPECS FOR TEMPORARY PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.
00225.160	TRAFFIC SIGNAL, PORTABLE TEMPORARY, TRAILER MOUNT	RC FLAGMAN PTL 2.4	RC FLAGMAN, INC. 877/352-4626	02/08/07	3297	Q	PROJECT MUST INCLUDE SPECS FOR TEMPORARY PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.
00225.27	FLAGGER STOP/SLOW PADDLE FLASHING	BLINKER PADDLE	TAPCO 800/444-0331 TRAFFIC SAFETY 800/547-8518	08/14/05	3008	А	HAS LIGHTS AROUND THE PERIMETER ON BOTH SIDES.
00225.27	FLAGGER STOP/SLOW PADDLE FLASHING	FLASHING STOP/SLOW PADDLE MODEL 336-3	DETRONICS GRAHAM-MIGLETZ ENTERPRISES SVEND DE BRUYN 905/640-1216	06/09/94	1204	A	MODEL TES 336. HAS 2 RECESSED CLEAR HALOGEN LIGHTS ON 'STOP' FACE, TOP/BOTTOM. TESTED BY THE PAVEMENTS CREW.
00225.27	FLAGGER STOP/SLOW PADDLE FLASHING	LIGHTED FLAGGER SIGN #W000004	SAFETECH GARRY KILPATRICK 407/932-3063 TRAFFIC SAFETY SUPPLY DICK PARSONS 800/547-8518	02/10/00	2160	A	POLE SUPPORTED. TWO FLASHING WHITE LIGHTS ON THE STOP SIDE.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.27	FLAGGER STOP/SLOW PADDLE FLASHING	STOP/SLOW FLASHING PADDLE J-SERIES ONLY	ACTION WEST 360/577-9150 1556 3RD AVE	11/10/94	1223	 А	STANDARD PADDLE W/2 FLASHING WHITE STROBES. 2 D-CELLS. DESIGNED FOR 24 HOURS USE BETWEEN BATTERIES. HAND HELD.
00225.27	FLAGGER STOP/SLOW PADDLE FLASHING	STOP/SLOW PADDLE	COLUMBIA SAFETY SIGN CORP JOHN VALDEZ 360/225-7688 PO BOX 341 WOODLAND, WA 98674	06/09/94	1167	A	MEETS MUTCD REQUIREMENTS. TESTED BY PAVEMENTS CREW AND FOUND SUITABLE. BATTERY LIFE IS A CONCERN THO!
00225.27	FLAGGER STOP/SLOW PADDLE ROLL-UP, NON-FLASHING EMERGENCY USE ONLY	FAN-A-SIGN MODEL MR18	SPORTNIKS, INC. 541/996-6300	04/11/02	2471	A	MARATHON SHEETING. MUST HAVE SNAP ON HANDLE TO BE SEMI- RIGID. FOR EMERGENCY USE ONLY.
00225.27	FLAGGER STOP/SLOW PADDLE ROLL-UP, NON-FLASHING EMERGENCY USE ONLY	STOP SLOW PADDLE DG, ROLL-UP	PACIFIC SAFETY SUPPLY RYAN SCHURR 800/344-5641	04/13/00	1922	А	USES 3-M DIAMOND GRADE SHEETING. PASSED RETRO TESTS. FOR EMERGENCY USE ONLY. DURABILITY MAY BE A QUESTION.
00280.10B	CHECK DAM, TYPE 3	CURLEX SEDIMENT LOG	AMERICAN EXCELSIOR 800/777-7645 OR 303/948-0480	05/08/08	2624	A	
00280.10B	CHECK DAM, TYPE 3	FILTREXX FILTERSOXX DITCHCHEXX	FILTREXX INTERNATIONAL 440/926-2607	12/08/05	3257	A	
00280.10B	CHECK DAM, TYPE 3	GRABHORN BIO FILTER BAG	SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692	07/11/02	2430	A	
00280.10B	CHECK DAM, TYPE 3	RICE STRAW FIBER ROLL	KRISTAR ENTERPRIS 800/579-8819	11/09/06	2634	A	STANDARD DRAWING RD1005
00280.10B	CHECK DAM, TYPE 4	WOVEN POLYPROPYLENE SANDBAG MODEL: PPB1426T1600	SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692	07/11/02	2429	А	

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00280.10B	CHECK DAM, TYPE 5	GEO-RIDGE	NILEX 303/766-2000 ACF WEST 800/878-5115	04/14/05	2357	 А	OK FOR REDUCING VELOCITITES, BUT NOT AS A CHECK DAM ALONE. MUST USE IN CONJUCNTION WITH A MATTING OR OTHER GROUND COVER.
00280.10B	CHECK DAM, TYPE 5	GEOBALE	GEOHAY 864/472-7000	12/13/07	3579	A	
00280.10B	CHECK DAM, TYPE 5	GEOFILTER	GEOHAY 864/472-7000	12/13/07	3580	A	
00280.10B	CHECK DAM, TYPE 5	TRIANGULAR SILT DIKE	TRIANGULAR SILT DIKE CO, INC. REP: JASON ROACH 405/741-7406 CSI GEOSYNTHETICS 800/426-7976	09/13/01	1592	A	GEOTEXTILE FABRIC AND URETHANE FOAM.
00280 . 10B	CHECK DAM, TYPE: OTHER	EARTHSAVER RICE STRAW WATTLES	RH DYCK 530/662-7700 BUSSARD EROSION 541/926-7747	11/09/06	2431	A	OTHER - STRAW WATTLE STANDARD DRAWING RD1005
00280.10F	SOIL STABILIZER	E-STAPLE	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	11/09/06	3332	A	
00280.10F	SOIL STABILIZER	SOIL TAC	SOILWORKS 800/545-5420	04/14/05	2939	A	
00280.10F	SOIL STABILIZER DUST CONTROL	DUST STOP	CYPHER INTERNATIONAL LTD. 204/489-1214	01/10/08	3173	A	MFG CLAIMS NATURAL POLYSACCHARIDES.
00280.10F	SOIL STABILIZER DUST CONTROL	TERRAVEST	FISCHBACH AND MORE, LLC ROBERT FISCHBACH, 509/325-2882	07/13/06	3140	A	POLYBUTADIENE 1,3

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00280.10F	SOIL STABILIZER SYNTHETIC	ATLAS SOIL LOK	QUATTRO ENVIRONMENTAL 619/522-0044	11/08/01	2444	 А	HAS BEEN SUCCESSFUL WHEN USED IN COMBINATION WITH MULCH AND SOIL CONDITIONER.
00280.10F	SOIL STABILIZER TACKIFIER	ALPHA PLANTAGO	RECLAMARE COMPANY ED JOHNSON 206/824-2385	08/14/97	1578	A	ACCEPTABLE AS A TACKING AGENT. LONG TERM. STABILITY 3-5 MONTH ORGANIC.
00280.10F	SOIL STABILIZER TACKIFIER	FISCH-STIK	FISCHBACH AND MORE, LLC ROBERT FISCHBACH, 509/325-2882	11/09/06	1855	A	100% UNMODIFIED CORN STARCH. ORGANIC. SHORT TERM DURATION. RESTRICTIONS: DO NOT APPLY IN OR DIRECTLY ADJACENT TO WATER.
00280.10F	SOIL STABILIZER TACKIFIER	J-3000 GUAR	RECLAMARE COMPANY ED JOHNSON 206/824-2385	08/14/97	1577	A	ACCEPTABLE AS A TACKING AGENT. DURATION: LONG TERM 3-5 MONTHS ORGANIC. MAIN COMPONENT: GUAR.
00280.10F	SOIL STABILIZER TACKIFIER	J-TACK	RECLAMARE COMPANY ED JOHNSON 206/824-2385	05/01/88	2132	A	MAIN COMPONENT: PLANT HYDROCOLLOIDS. ORGANIC. DURATION: SHORT TERM.
00280.10F	SOIL STABILIZER TACKIFIER	MARLOC	RECLAMARE COMPANY ED JOHNSON 206/824-2385	08/14/97	1580	A	MAIN COMPONENT: POLYMER. SYNTHETIC. DURATION: LONG TERM. EROSION CONTROL - TACKIFIER.
00280.10F	SOIL STABILIZER TACKIFIER ONLY	CLIFFHANGER TACK	QUATTRO ENVIRONMENTAL 619/522-0044	04/11/02	2446	A	
00280.10H	INLET PROTECTION - OTHER	GEOFILTER	GEOHAY 864/472-7000	12/13/07	3580	A	
00280.10H	INLET PROTECTION - TYPE 3	CATCH BASIN SEDIMENT SOCK	CARDWELL; 541-688-7609 FAMILIAN NW 800/456-8611	10/10/02	2204	A	TYPE 3. GOOD OVERFLOW PROTECTION. NEED TO MONITOR.

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00280.10H	INLET PROTECTION - TYPE 3	DANDY BAG	DANDY PRODUCTS, INC. REP:JULIE CHINN-NICHOLS 614/875-2284 KALAR CO. MR. LARRY POPE 206/242-3418	10/11/01	1597	а.	TYPE 3. DESIGNED FOR 110 G/MIN VARIOUS SIZES AVAILABLE. NEEDS TO BE CHECKED REGULARLY OR AFTER A MAJOR RAIN EVENT.
00280.10H	INLET PROTECTION - TYPE 3	GULLYWASHER CATCH BASIN FILTER SACK	AQUA TREATMENT SYSTEMS 800/208-5447 CSI GEOSYNTHETICS 800/426-7976	05/10/01	2172	A	TYPE 3. NEED TO MONITOR FOR CLOGGING.
00280.10н	INLET PROTECTION - TYPE 3	HI-FLOW SILTSACK	ACF ENVIRONMENTAL DAVID KELLY 800/448-3636 DIST.: ACF WEST, INC. MELISSA HURLEY 503/771-5115	09/13/01	1164	A	TYPE 3. DESIGNED FOR 200 G/MIN VARIOUS SIZES AVAILABLE. NEEDS TO BE CHECKED REGULARLY OR AFTER A MAJOR RAIN EVENT.
00280.10H	INLET PROTECTION - TYPE 3	NON-WOVEN SILT SACK	ACF ENVIRONMENTAL DAVID KELLY 800/448-3636	02/10/05	2958	A	
00280.10H	INLET PROTECTION - TYPE 3	STORM SENTINEL MODEL 1341	ENPAC CORPORATION 800/936-7229 PAT GOTHRO (ENPAC)253/288-9215 FNW- DOUG MYERS 253/437-5141 FNW- MIKE STEWART 503/240-6747	11/09/06	2936	A	TYPE 3. WATCH FOR CLOGGING. FOLLOW MFG INSTRUCTIONS FOR MAINTENANCE.
00280.10H	INLET PROTECTION - TYPE 3	STREAMGUARD	FOSS INTERNATIONAL AND INFRASTRUCTURE SERVICES CO. JOE SMITH 206/767-0441	10/11/01	1600	A	TYPE 3. DESIGNED FOR 120 G/MIN VARIOUS SIZES AVAILABLE. NEEDS TO BE CHECKED REGULARLY OR AFTER A MAJOR RAIN EVENT.
00280.10H	INLET PROTECTION - TYPE 3	ULTRA-DRAIN GUARD RE-USABLE	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	11/09/06	3308	A	TYPE 3
00280.10H	INLET PROTECTION - TYPE 3	VERTI-PRO BY ALPINE	ALPINE STORMWATER MGT COMPANY 414/539-8240	11/10/99	1977	A	TYPE 3 DROP INLET AND GRATE INLET APPLICATIONS ONLY. NEED TO MONITOR.
00280.10H	INLET PROTECTION - TYPE 3 GAS & OIL	ULTRA-DRAIN GUARD OIL & SEDIME	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	01/10/08	3309	A	TYPE 3 FOR GAS & OIL.

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00280.10H	INLET PROTECTION - TYPE 4	CURLEX SEDIMENT LOG	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582	05/08/08	2624	 А	TYPE 4.
00280.10H	INLET PROTECTION - TYPE 4	FILTREXX FILTERSOXX INLETSOXX	FILTREXX INTERNATIONAL 440/926-2607	12/08/05	3258	А	
00280.10H	INLET PROTECTION - TYPE 4	GRABHORN BIO FILTER BAG	SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692	07/11/02	2430	A	TYPE 4. NEED TO MONITOR.
00280.10H	INLET PROTECTION - TYPE 4	SLOPEGARD 3	KRISTAR ENTERPRIS 800/579-8819	11/09/06	2633	A	TYPE 4.
00280.10H	INLET PROTECTION - TYPE 6	CURB INLET SEDIMENT DAM	CARDWELL; 541-688-7609 FAMILIAN NW 800/456-8611	10/10/02	2203	А	TYPE 6. DESIGNED FOR CURBED INLET PROTECTION. NEED TO MONITOR.
00280.101	MATTING - TYPE A SLOPE	AEC PREMIER COCONUT	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582	10/11/07	3521	A	COCONUT
00280.101	MATTING - TYPE A SLOPE	AEC PREMIER STRAW SINGLE NET	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582	11/09/06	3326	A	WHEAT STRAW AND POLY NETTING
00280.101	MATTING - TYPE A SLOPE	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582	10/11/07	3520	А	70% WHEAT STRAW & 30% COCONUT.
00280.101	MATTING - TYPE A SLOPE	ARMORFLEX CLOSED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	01/10/08	3590	Q	SUBJECT TO APPROVAL BY DESIGN ENGINEER. CONCRETE BLOCKS

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00280.101	MATTING - TYPE A SLOPE	ARMORFLEX OPEN CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3575	 А	
00280.101	MATTING - TYPE A SLOPE	ARMORFLEX TAPERED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3591	А	
00280.101	MATTING - TYPE A SLOPE	BONTERRA AMERICA CS2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	02/08/01	1186	A	70% WHEAT STRAW & 30% COCONUT.
00280.101	MATTING - TYPE A SLOPE	BONTERRA AMERICA SI	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	02/08/01	1184	A	100% STRAW
00280.101	MATTING - TYPE A SLOPE	BONTERRA AMERICA S2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	02/08/01	1185	A	100% STRAW.
00280.101	MATTING - TYPE A SLOPE	BONTERRA AMERICA SFB12	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/08/01	1189	A	100% SYNTHETIC
00280.101	MATTING - TYPE A SLOPE	CURLEX I	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	09/12/02	2619	A	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.101	MATTING - TYPE A SLOPE	ECOAEGIS	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 BECKY GAUTHIER 253/884-0747	04/10/08	1548	A	BONDED WOOD & SYNTHETIC FIBERS HYDRAULICALLY APPLIED.
00280.101	MATTING - TYPE A SLOPE	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER

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00280.101	MATTING - TYPE A SLOPE	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3397	 А	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM
00280.101	MATTING - TYPE A SLOPE	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.101	MATTING - TYPE A SLOPE	EXCEL R-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3402	A	ASPEN EXCELSIOR
00280.101	MATTING - TYPE A SLOPE	EXCEL S-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3302	A	ASPEN EXCELSIOR
00280.101	MATTING - TYPE A SLOPE	EXCEL SR-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3403	A	STRAW
00280.101	MATTING - TYPE A SLOPE	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.101	MATTING - TYPE A SLOPE	FUTURA EROSION CONTROL BLANKET	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 AGRIVESTIMENT 253/383-5014	10/12/06	1689	А	NON-WOVEN MULCH BLANKET, WOOD & SYNTHETIC FIBERS.
00280.101	MATTING - TYPE A SLOPE	GEOJUTE	BELTON INDUSTRIES 800/225-4099 BOB MORAN ACF WEST 800/878-5115	10/11/01	2490	A	WOVEN JUTE. BIODEGRADEABLE.
00280.101	MATTING - TYPE A SLOPE	HYDRO-BLANKET BFM	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 AGRIVESTIMENT 253/383-5014	07/13/06	3318	A	WOOD FIBER

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00280.101	MATTING - TYPE A SLOPE	LIGHT SOIL SAVOR JUTE	SACRAMENTO BAG CO 800/287-2247 GEOTK 360/750-1955	02/13/03	2717	 A	LIGHT NATURAL JUTE. 100% BIODEGRADABLE.
00280.101	MATTING - TYPE A SLOPE	NORTH AMERICAN GREEN S150BN	NORTH AMERICAN GREEN TIM LANCASTER 812/867-6632 ACF WEST DICK SCHMIDT 503/771-5115	07/10/97	1381	А	STRAW FIBER COVERED WITH TWISTED PAPER YARN NETTING. 100% BIO-DEGRADABLE.
00280.101	MATTING - TYPE A SLOPE	NORTH AMERICAN GREEN S75BN	NORTH AMERICAN GREEN TIM LANCASTER 812/867-6632 ACF WEST DICK SCHMIDT 503/771-5115	07/10/97	1380	А	STRAW FIBER CONVERED WITH BIO- DEGRADABLE NETTING. 100% BIO-DEGRADABLE.
00280.101	MATTING - TYPE A SLOPE	NORTH AMERICAN GREEN SC150BN	NORTH AMERICAN GREEN TIM LANCASTER 812/867-6632 ACF WEST DICK SCHMIDT 503/771-5115	07/10/97	1379	A	70% WHEAT STRAW & 30% COCONUT. WITH BIO-DEGRADABLE NETTING. 100% BIO-DEGRADABLE.
00280.101	MATTING - TYPE A SLOPE	P300 STRAW MATS	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/89	1838	A	100% SYNTHETIC FIBERS
00280.101	MATTING - TYPE A SLOPE	PREMIER STRAW BLANKET - DOUBLE	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	10/11/07	2623	A	ON THE TEXAS QPL. STRAW AND POLY NETTING
00280.101	MATTING - TYPE A SLOPE	S150 STRAW MATS	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/89	297	A	70% WHEAT STRAW & 30% COCONUT
00280.101	MATTING - TYPE A SLOPE	S75 STRAW MATS	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/89	1835	A	100% WHEAT STRAW
00280.101	MATTING - TYPE A SLOPE	SC150 STRAW MATS	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/98	1836	A	70% WHEAT STRAW & 30% COCONUT.

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00280.101	MATTING - TYPE A SLOPE	SCC225 STRAW MATS	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/89	 1837	 А	STRAW & COCONUT.
00280.101	MATTING - TYPE A SLOPE	SOIL GUARD	MAT, INC. 800/976-2340 (WAS WEYERHAEUSER UNTIL 12/99) BECKY GAUTHIER	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED.
00280.101	MATTING - TYPE A SLOPE HYDRAULICALLY APPLIED	FLEXTERRA FGM	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115	11/09/06	3319	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.101	MATTING - TYPE B SLOPE	AEC PREMIER COCONUT	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582	10/11/07	3521	А	COCONUT
00280.101	MATTING - TYPE B SLOPE	AEC PREMIER STRAW SINGLE NET	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582	11/09/06	3326	A	WHEAT STRAW AND POLY NETTING
00280.101	MATTING - TYPE B SLOPE	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582	10/11/07	3520	A	70% WHEAT STRAW & 30% COCONUT.
00280.101	MATTING - TYPE B SLOPE	ARMORFLEX CLOSED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	01/10/08	3590	Q	SUBJECT TO APPROVAL BY DESIGN ENGINEER. CONCRETE BLOCK
00280.101	MATTING - TYPE B SLOPE	ARMORFLEX OPEN CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3575	А	
00280.101	MATTING - TYPE B SLOPE	ARMORFLEX TAPERED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3591	A	

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00280.101	MATTING - TYPE B SLOPE	BONTERRA AMERICA CS2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	02/08/01	1186	 А	70% WHEAT STRAW & 30% COCONUT.
00280.101	MATTING - TYPE B SLOPE	BONTERRA AMERICA SI	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	02/08/01	1184	A	100% STRAW
00280.101	MATTING - TYPE B SLOPE	BONTERRA AMERICA S2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	02/08/01	1185	A	100% STRAW.
00280.101	MATTING - TYPE B SLOPE	CURLEX I	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	09/12/02	2619	A	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.101	MATTING - TYPE B SLOPE	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER
00280.101	MATTING - TYPE B SLOPE	EXCEL CS-3	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3396	A	70% WHEAT STRAW & 30% COCONUT.
00280.101	MATTING - TYPE B SLOPE	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3397	A	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM
00280.101	MATTING - TYPE B SLOPE	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.101	MATTING - TYPE B SLOPE	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS

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00280.101	MATTING - TYPE B SLOPE	EXCEL R-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3402	 А	ASPEN EXCELSIOR
00280.101	MATTING - TYPE B SLOPE	EXCEL S-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3302	A	ASPEN EXCELSIOR
00280.101	MATTING - TYPE B SLOPE	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.101	MATTING - TYPE B SLOPE	FUTURA EROSION CONTROL BLANKET	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 AGRIVESTIMENT 253/383-5014	10/12/06	1689	A	NON-WOVEN MULCH BLANKET, WOOD & SYNTHETIC FIBERS.
00280.101	MATTING - TYPE B SLOPE	PREMIER STRAW BLANKET - DOUBLE	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	10/11/07	2623	A	ON THE TEXAS QPL. STRAW AND POLY NETTING
00280.101	MATTING - TYPE B SLOPE	S150 STRAW MATS	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/89	297	A	70% WHEAT STRAW & 30% COCONUT
00280.101	MATTING - TYPE B SLOPE	S75 Straw Mats	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/89	1835	A	100% WHEAT STRAW
00280.101	MATTING - TYPE B SLOPE	SC150 STRAW MATS	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/98	1836	A	70% WHEAT STRAW & 30% COCONUT.
00280.101	MATTING - TYPE B SLOPE	SOIL GUARD	MAT, INC. 800/976-2340 (WAS WEYERHAEUSER UNTIL 12/99) BECKY GAUTHIER	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.101	MATTING - TYPE B SLOPE HYDRAULICALLY APPLIED	FLEXTERRA FGM	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115	11/09/06	3319	 А	HYDRAULICALLY APPLIED WOOD FIBER
00280.101	MATTING - TYPE C SLOPE	AEC PREMIER COCONUT	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582	10/11/07	3521	A	COCONUT
00280.101	MATTING - TYPE C SLOPE	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582	10/11/07	3520	A	70% WHEAT STRAW & 30% COCONUT.
00280.101	MATTING - TYPE C SLOPE	BONTERRA AMERICA CS2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	02/08/01	1186	A	70% WHEAT STRAW & 30% COCONUT.
00280.101	MATTING - TYPE C SLOPE	BONTERRA AMERICA S2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	02/08/01	1185	A	100% STRAW.
00280.101	MATTING - TYPE C SLOPE	BONTERRA AMERICA SFB12	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/08/01	1189	A	100% SYNTHETIC
00280.101	MATTING - TYPE C SLOPE	CURLEX ENFORCER	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.101	MATTING - TYPE C SLOPE	CURLEX I	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	11/09/06	2619	А	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.101	MATTING - TYPE C SLOPE	ECOAEGIS	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 BECKY GAUTHIER 253/884-0747	04/10/08	1548	A	BONDED WOOD & SYNTHETIC FIBERS HYDRAULICALLY APPLIED.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.101	MATTING - TYPE C SLOPE	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	 А	COCONUT FIBER
00280.101	MATTING - TYPE C SLOPE	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3397	A	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM
00280.101	MATTING - TYPE C SLOPE	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	А	POLYFIBER
00280.101	MATTING - TYPE C SLOPE	EXCEL S-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3302	А	ASPEN EXCELSIOR
00280.101	MATTING - TYPE C SLOPE	EXCEL SR-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3403	A	STRAW
00280.101	MATTING - TYPE C SLOPE	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.101	MATTING - TYPE C SLOPE	FUTURA EROSION CONTROL BLANKET	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 AGRIVESTIMENT 253/383-5014	10/12/06	1689	А	NON-WOVEN MULCH BLANKET, WOOD & SYNTHETIC FIBERS.
00280.101	MATTING - TYPE C SLOPE	GEOJUTE	BELTON INDUSTRIES 800/225-4099 BOB MORAN ACF WEST 800/878-5115	10/11/01	2490	А	WOVEN JUTE. BIODEGRADEABLE.
00280.101	MATTING - TYPE C SLOPE	HYDRO-BLANKET BFM	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 AGRIVESTIMENT 253/383-5014	07/13/06	3318	A	WOOD FIBER

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.101	MATTING - TYPE C SLOPE	LIGHT SOIL SAVOR JUTE	SACRAMENTO BAG CO 800/287-2247 GEOTK 360/750-1955	02/13/03	2717	 A	LIGHT NATURAL JUTE. 100% BIODEGRADABLE.
00280.101	MATTING - TYPE C SLOPE	PREMIER STRAW BLANKET - DOUBLE	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	10/11/07	2623	A	ON THE TEXAS QPL. STRAW AND POLY NETTING
00280.101	MATTING - TYPE C SLOPE	S150 STRAW MATS	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/89	297	A	70% WHEAT STRAW & 30% COCONUT
00280.101	MATTING - TYPE C SLOPE	S75 Straw Mats	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/89	1835	A	100% WHEAT STRAW
00280.101	MATTING - TYPE C SLOPE	SC150 STRAW MATS	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/98	1836	A	70% WHEAT STRAW & 30% COCONUT.
00280.101	MATTING - TYPE C SLOPE	SOIL GUARD	MAT, INC. 800/976-2340 (WAS WEYERHAEUSER UNTIL 12/99) BECKY GAUTHIER	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED.
00280.101	MATTING - TYPE C SLOPE HYDRAULICALLY APPLIED	FLEXTERRA FGM	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115	11/09/06	3319	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.101	MATTING - TYPE D SLOPE	AEC PREMIER COCONUT	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582	10/11/07	3521	A	COCONUT
00280.101	MATTING - TYPE D SLOPE	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582	10/11/07	3520	A	70% WHEAT STRAW & 30% COCONUT.

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00280.101	MATTING - TYPE D SLOPE	BONTERRA AMERICA CS2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	02/08/01	 1186	 А	70% WHEAT STRAW & 30% COCONUT.
00280.101	MATTING - TYPE D SLOPE	BONTERRA AMERICA S2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	02/08/01	1185	A	100% STRAW.
00280.101	MATTING - TYPE D SLOPE	CURLEX ENFORCER	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.101	MATTING - TYPE D SLOPE	CURLEX I	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	11/09/06	2619	А	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.101	MATTING - TYPE D SLOPE	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER
00280.101	MATTING - TYPE D SLOPE	EXCEL CS-3	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3396	A	70% WHEAT STRAW & 30% COCONUT.
00280.101	MATTING - TYPE D SLOPE	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3397	A	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM
00280.101	MATTING - TYPE D SLOPE	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.101	MATTING - TYPE D SLOPE	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS

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00280.101	MATTING - TYPE D SLOPE	EXCEL S-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3302	А.	ASPEN EXCELSIOR
00280.101	MATTING - TYPE D SLOPE	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.101	MATTING - TYPE D SLOPE	FUTURA EROSION CONTROL BLANKET	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 AGRIVESTIMENT 253/383-5014	10/12/06	1689	А	NON-WOVEN MULCH BLANKET, WOOD & SYNTHETIC FIBERS.
00280.101	MATTING - TYPE D SLOPE	PREMIER STRAW BLANKET - DOUBLE	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	10/11/07	2623	A	ON THE TEXAS QPL. STRAW AND POLY NETTING
00280.101	MATTING - TYPE D SLOPE	S150 STRAW MATS	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/89	297	A	70% WHEAT STRAW & 30% COCONUT
00280.101	MATTING - TYPE D SLOPE	SC150 STRAW MATS	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/98	1836	A	70% WHEAT STRAW & 30% COCONUT.
00280.101	MATTING - TYPE D SLOPE	SOIL GUARD	MAT, INC. 800/976-2340 (WAS WEYERHAEUSER UNTIL 12/99) BECKY GAUTHIER	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED.
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	BONTERRA AMERICA C2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/08/01	1187	A	COCONUT
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	BONTERRA AMERICA SFB	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/08/01	1188	A	SYNTHETIC

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00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	BONTERRA AMERICA SFB12	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/08/01	1189	 А	100% SYNTHETIC
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	CURLEX ENFORCER	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	CURLEX II	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	09/12/02	2620	A	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	CURLEX III	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	12/12/02	2621	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL CS-3	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3396	А	70% WHEAT STRAW & 30% COCONUT.
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3397	A	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	А	POLYFIBER
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	A	POLY FIBERS

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00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	 А	SYNTHETIC FIBERS
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL R-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3402	A	ASPEN EXCELSIOR
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL SD-3	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3398	A	ASPEN EXCELSIOR
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C125BN	NORTH AMERICAN GREEN TIM LANCASTER 812/867-6632 ACF WEST DICK SCHMIDT 503/771-5115	11/08/07	3565	А	BIODEGRADABLE JUTE COCONUT
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C350	NORTH AMERICAN GREEN TIM LANCASTER 812/867-6632 ACF WEST DICK SCHMIDT 503/771-5115	07/10/97	1378	A	COCONUT
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	RECYCLEX - TRM	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	11/09/06	2618	A	ARTIFICAL FIBER (SODA BOTTLES)
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	S150 STRAW MATS	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/98	297	A	70% WHEAT STRAW & 30% COCONUT
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	BONTERRA AMERICA C2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/08/01	1187	A	COCONUT

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00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	BONTERRA AMERICA SFB	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/08/01	1188	а А	SYNTHETIC
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	BONTERRA AMERICA SFB12	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/08/01	1189	A	100% SYNTHETIC
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	CURLEX ENFORCER	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	CURLEX III	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	12/12/02	2621	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	А	COCONUT FIBER
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	А	POLY FIBERS
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL R-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3402	A	ASPEN EXCELSIOR

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00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL SD-3	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3398	 А	ASPEN EXCELSIOR
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C125BN	NORTH AMERICAN GREEN TIM LANCASTER 812/867-6632 ACF WEST DICK SCHMIDT 503/771-5115	11/08/07	3565	A	BIODEGRADABLE JUTE COCONUT
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C350	NORTH AMERICAN GREEN TIM LANCASTER 812/867-6632 ACF WEST DICK SCHMIDT 503/771-5115	07/10/97	1378	A	COCONUT
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	RECYCLEX - TRM	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	11/09/06	2618	A	ARTIFICAL FIBER (SODA BOTTLES)
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	S150 STRAW MATS	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 ACF WEST 800/878-5115	03/15/89	297	A	70% WHEAT STRAW & 30% COCONUT
00280.101	MATTING - TYPE G FLEXIBLE CHANNEL LINER	BONTERRA AMERICA SFB	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/08/01	1188	A	SYNTHETIC
00280.101	MATTING - TYPE G FLEXIBLE CHANNEL LINER	BONTERRA AMERICA SFB12	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/08/01	1189	A	100% SYNTHETIC
00280.101	MATTING - TYPE G FLEXIBLE CHANNEL LINER	CURLEX ENFORCER	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.101	MATTING - TYPE G FLEXIBLE CHANNEL LINER	CURLEX III	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	12/12/02	2621	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.

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00280.101	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	 А	POLYFIBER
00280.101	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	A	POLY FIBERS
00280.101	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.101	MATTING - TYPE G FLEXIBLE CHANNEL LINER	RECYCLEX - TRM	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	11/09/06	2618	A	ARTIFICAL FIBER (SODA BOTTLES)
00280.101	MATTING - TYPE H FLEXIBLE CHANNEL LINER	CURLEX III	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	12/12/02	2621	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.101	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.101	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	A	POLY FIBERS
00280.101	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.101	MATTING - TYPE H FLEXIBLE CHANNEL LINER	RECYCLEX - TRM	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	11/09/06	2618	A	ON THE TEXAS QPL. ARTIFICAL FIBER (SODA BOTTLES)

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00280.10J	MULCHES, TEMPORARY	CELLULOSE FIBER HYDRO MULCH	CELLULOSE FIBER 253/627-8008	04/14/05	2929	а А	100% PAPER FIBER.
00280 . 10J	MULCHES, TEMPORARY	CONWED 1000	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115	07/13/06	3316	A	
00280 . 10J	MULCHES, TEMPORARY	CONWED 2000	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115	03/13/08	3611	A	WOOD FIBER W/3% GUAR GUM TACKIFIER
00280.10J	MULCHES, TEMPORARY	ECO MATRIX	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 BECKY GAUTHIER 253/884-0747	04/10/08	3267	A	SLOPES UP TO 2.5H TO 1V.
00280 . 10J	MULCHES, TEMPORARY	ECOFIBRE + TAC	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 BECKY GAUTHIER 253/884-0747	04/10/08	3231	A	WOOD FIBER MULCH WITH AN ORGANIC TACKIFIER.
00280 . 10J	MULCHES, TEMPORARY	ECOFIBRE HYDROSEEDING MULCH	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 BECKY GAUTHIER 253/884-0747	04/10/08	1307	A	MAIN COMPONENT: WOOD FIBER. ORGANIC. WITHOUT TACKIFIER.
00280 . 10J	MULCHES, TEMPORARY	ECOTAC GUAR GG-1200	CANFOR PANEL & FIBRE MARKETING BECKY GAUTHIER 253/884-0747 FIBRE MULCHING INTERNATIONAL 800/426-6002 OR 425/277-9966	12/08/05	3232	А	TAC ONLY -ORGANIC HYDROCOLLOID
00280 . 10J	MULCHES, TEMPORARY	EXCEL FIBERMULCH II	AMERICAN EXCELSIOR CO. 800/777-7645 OR 303/948-0480	11/14/02	2625	А	ON TEXAS DOT QPL.
00280 . 10J	MULCHES, TEMPORARY	GRASS MULCH	GRASS FIBER INC. 520 E. 2ND ST JUNCTION CITY, OR 97448	05/01/88	2131	A	MAIN COMPONENT:CELLULOSE FIBER ORGANIC. WITHOUT TACKIFIER.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.10J	MULCHES, TEMPORARY	HYDROSPRAY	CELLULOSE FIBER 253/627-8008 EMERALD SEED & SUPPLY 503/254-8414	11/09/06	3063	 А	INSTALL PER 01030.48(A)3.
00280 . 10J	MULCHES, TEMPORARY	MAT-FIBER	MAT, INC. 800/976-2340 CSI GEOSYNTHETICS 800/426-7976	01/13/05	2981	A	WOOD FIBER FOR HYDRO SEEDING
00280 . 10J	MULCHES, TEMPORARY	MAT-FIBER PLUS	MAT, INC. 800/976-2340 CSI GEOSYNTHETICS 800/426-7976	01/13/05	2982	A	WOOD FIBER FOR HYDRO SEEDING W/3% GUAR GUM TACKIFER.
00280.10J	MULCHES, TEMPORARY	NATURE'S OWN	HAMILTON MANUFACTURING, INC. TWIN FALLS, ID DEL BAILEY 800/777/9689	03/12/98	1727	A	MAIN COMPONENT: CELLULOSE FIBER - PAPER/WOOD. ORGANIC. W/O TACKIFIER. RECYCLED PAPER/WOOD FIBER.
00280.10J	MULCHES, TEMPORARY	R-2400	RECLAMARE COMPANY ED JOHNSON 206/824-2385	08/14/97	1579	A	MAIN COMPONENT: PSYLLIAM. DURABILITY: LONG TERM WILL LAST ABOUT 3-5 MONTHS. ORGANIC.
00280.10J	MULCHES, TEMPORARY	RE-FIBER CELLULOSE	WOOD RECYCLING TECHNOLOGY MICHAEL MELLON 800/982-8732	01/08/98	1417	A	MAIN COMPONENT: WOOD ORGANIC. W/O TACKIFIER.
00280.10J	MULCHES, TEMPORARY	RE-FIBER MIX	WOOD RECYCLING TECHNOLOGY MICHAEL MELLON 800/982-8732	01/08/98	1420	A	MAIN COMPONENT: WOOD CELLULOSE FIBER MULCH. ORGANIC. WITHOUT TACKIFIER.
00280.10J	MULCHES, TEMPORARY	RE-FIBER MIX W/TACK	WOOD RECYCLING TECHNOLOGY MICHAEL MELLON 800/982-8732	01/08/98	1421	A	MAIN COMPONENT:CELLULOSE FIBER ORGANIC. WITH TACKIFIER.
00280.10J	MULCHES, TEMPORARY	RE-FIBER WOOD	WOOD RECYCLING TECHNOLOGY MICHAEL MELLON 800/982-8732	01/08/98	1418	A	MAIN COMPONENT:CELLULOSE FIBER ORGANIC. WITHOUT TACKIFIER.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.10J	MULCHES, TEMPORARY	RE-FIBER WOOD W/TACK	NORTH AMERICAN GREEN EVANSVILLE, IN; 812/687-6632 DIST: ACF WEST, PORTLAND OR 800/878-5115; 503/771-5115	01/08/98	1419	 А	MAIN COMPONENT: WOOD FIBER. ORGANIC. WITH TACKIFIER. 100% BIODEGRADABLE. AVOID INHALATION OF DUST.
00280.10J	MULCHES, TEMPORARY	TACKIFIBERS	QUATTRO ENVIRONMENTAL 619/522-0044	04/11/02	2447	A	
00280 . 10J	MULCHES, TEMPORARY	TERRA MULCH	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 AGRIVESTIMENT 253/383-5014	11/09/06	3317	A	SLOPES UP TO: 2H : 1V
00280 . 10J	MULCHES, TEMPORARY	TERRA-MATRIX SM STABILIZED FIBER MATRIX	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 AGRIVESTIMENT 253/383-5014	02/08/07	3416	A	WOOD FIBER
00280 . 10J	MULCHES, TEMPORARY	TURBOMULCH 70% WOOD	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955 DIST.: EMERALD SEED & SUPPLY ARMAN KLUEHE, 503/254-8414	06/08/00	1804	A	WOOD FIBER, ORGANIC. W/O TACKIFIER. BIODEGRADABLE. 70% WOOD, 30% PAPER W/DYE.
00280 . 10J	MULCHES, TEMPORARY	WOODSTRAW	FOREST CONCEPTS 877/838-4759	12/13/07	3587	A	
00280 . 10J	MULCHES, TEMPORARY ORGANIC	FERTI-FIBERS NUTRIMULCH	QUATTRO ENVIRONMENTAL 619/522-0044	11/08/01	2443	А	EFFECTIVE WHEN USED WITH TACKIFIER, SOIL CONDITIONERS, AND SOIL STABILIZERS.
00280 . 10J	MULCHES, TEMPORARY TACKIFIER	DUSTFLOC	APEX RESOURCES 502/254-3118 FIBER MARKETING 425/277-9966	07/13/06	3268	A	
00280.10J	MULCHES, TEMPORARY TACKIFIER	ECO E-TAC	APEX RESOURCES 502/254-3118 FIBER MARKETING 425/277-9966	07/13/06	3265	A	

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.10J	MULCHES, TEMPORARY TACKIFIER	FISCH-STIK	FISCHBACH AND MORE, LLC ROBERT FISCHBACH, 509/325-2882	11/23/98	1855	 А	100% UNMODIFIED CORN STARCH. ORGANIC. SHORT TERM DURATION. RESTRICTIONS: DO NOT APPLY IN OR DIRECTLY ADJACENT TO WATER.
00280 . 10J	MULCHES, TEMPORARY TACKIFIER	FMI POWER TACK	APEX RESOURCES 502/254-3118 FIBER MARKETING 425/277-9966	07/13/06	3269	A	
00280 . 10J	MULCHES, TEMPORARY TACKIFIER	M-BINDER	GRANITE SEED CO. 801/768-4422	04/14/05	2886	A	
00280 . 10J	MULCHES, TEMPORARY TACKIFIER	TERRAVEST	FISCHBACH AND MORE, LLC ROBERT FISCHBACH, 509/325-2882	07/13/06	3140	A	POLYBUTADIENE 1,3
00280.10N	SEDIMENT BARRIER, OTHER	FILTREXX FILTERSOXX SILTSOXX	FILTREXX INTERNATIONAL 440/926-2607	12/08/05	3256	A	USE MFG APPROVED COMPOST MEDIA & ADDITIVES & MEET ODOT SPECS.
00280.10N	SEDIMENT BARRIER, TYPE 3	AEC PREMIER STRAW WATTLES	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	11/09/06	3327	Α	
00280.10N	SEDIMENT BARRIER, TYPE 3	CSW STRAW WATTLES	CALIFORNIA STRAW WORKS 916/453-1456 ACF WEST 503/771-5115	07/13/06	1794	Α	DO NOT USE IN WATER. NOT RE-UESABLE. DO NOT USE FOR OVERLAND SHEET FLOW. WAS KEY TO GREEN STRAW WATTLES
00280.10N	SEDIMENT BARRIER, TYPE 3	EARTHSAVER RICE STRAW WATTLES	RH DYCK 530/662-7700 BUSSARD EROSION 800/252-2692 CSI GEOSYNTHETICS 360/699-1426	07/11/02	2431	A	
00280.10N	SEDIMENT BARRIER, TYPE 3	RICE STRAW FIBER ROL	KRISTAR ENTERPRIS 800/579-8819	11/09/06	2634	A	

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.10N	SEDIMENT BARRIER, TYPE 3	SEDIMENTSTOP	NORTH AMERICAN GREEN EVANSVILLE, IN; 800/772-2040 ACF WEST 800/878-5115	07/13/06	3286	 А	
00280.10N	SEDIMENT BARRIER, TYPE 3	SLOPEGARD 1	KRISTAR ENTERPRIS 800/579-8819	11/09/06	2632	A	APPEARS OK AS TYPE 3 SEDIMENT BARRIER.
00280.10N	SEDIMENT BARRIER, TYPE 3	SOIL STOPPERS RICE STRAW WATTL 9" WATTLE	SOIL STOPPERS 209/993-2109	03/08/07	3439	A	
00280.10N	SEDIMENT BARRIER, TYPE 3	WOVEN POLYPROPYLENE SANDBAG MODEL: PPB1426T1600	SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692	07/11/02	2429	А	
00280.10N	SEDIMENT BARRIER, TYPE 6	TRIANGULAR SILT DIKE	TRIANGULAR SILT DIKE CO, INC. REP: JASON ROACH 405/741-7406 CSI GEOSYNTHETICS 800/426-7976	09/13/01	1592	A	DO NOT USE IN WATER. RE-UESABLE. SUITABLE SUBSTITUTION FOR SAND BAGS.
00280.10N	SEDIMENT BARRIER, TYPE 7	ENVIRONMENTAL BARRICADE	BONAR PLASTICS 360/887-2230 ENVIRONMENTAL BARRICADES RICHARD STRIEFEL 800/656-1296	06/14/01	2401	А	
00280.10N	SEDIMENT BARRIER, TYPE 7	GEOBALE	GEOHAY 864/472-7000	12/13/07	3579	А	
00280.10N	SEDIMENT BARRIER, TYPE 7	GEOFILTER	GEOHAY 864/472-7000	12/13/07	3580	A	
00280.10N	SEDIMENT BARRIER, TYPE 7	TRIANGULAR SILT DIKE	TRIANGULAR SILT DIKE CO, INC. REP: JASON ROACH 405/741-7406 CSI GEOSYNTHETICS 800/426-7976	09/13/01	1592	А	DO NOT USE IN WATER. RE-USEABLE. SUITABLE SUBSTITUTION FOR SAND BAGS.

PAGE 46

ODOT CONSTRUCTION/MATERIALS SECTION QUALIFIED PRODUCTS LIST APPROVED LIST - NO SAMPLES OR TESTS REQUIRED* QUALIFIED LIST - ADDITIONAL REQUIREMENTS** JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.100	SEDIMENT FENCE -SUPPORTED	FILTREXX FILTERSOXX SILTSOXX	FILTREXX INTERNATIONAL 440/926-2607	12/08/05	3256	 А	USE MINIMUM 24" SIZE FOR SUPPORTED SEDIMENT FENCE. USE MFG APPROVED COMPOST MEDIA & ADDITIVES & MEET ODOT SPECS.
00280.100	SEDIMENT FENCE -UNSUPPORT	FILTREXX FILTERSOXX SILTSOXX	FILTREXX INTERNATIONAL 440/926-2607	12/08/05	3256	А	USE MINIMUM 18" SIZE FOR UNSUPPORTED SEDIMENT FENCE. USE MFG APPROVED COMPOST MEDIA & ADDITIVES & MEET ODOT SPECS.
00280.100	SEDIMENT FENCE -UNSUPPORT	LP-30 POCKETED SEDIMENT FENCE	PROPEX 800/621-1273 ACF WEST 800/878-5115	09/14/06	2959	A	
00280.10P	SEDIMENT MAT	SEDIMAT	INDIAN VALLEY INDUSTRIES 800/659-5111 CSI GEOSYNTHETICS 800/426-7976	06/14/07	1924	А	FOR USE ON DOWNSTREAM END OF OUTLET END OF PIPE.
00280.10Q	SLOPE DRAIN, TEMPORARY	TRIANGULAR SILT DIKE	TRIANGULAR SILT DIKE CO, INC. REP: JASON ROACH 405/741-7406 CSI GEOSYNTHETICS 800/426-7976	09/13/01	1592	A	APPEARS TO BE A SUITABLE SUBSTITUTE FOR STRAW BALES OR SAND BAGS.
00280.10V	OUTLET FILTER	DIRTBAG 55	AFC ENVIRONMENTAL DAVID KELLY 800/448-3636 DIST.: AFC WEST,INC. MELISSA HURLEY 503/771-5115	02/14/02	1886	A	THIS BAG IS 180" BY 180". AND TESTED TO 100 LB/IN2. APPLICATION: DOWNSTREAM END OF PIPE.
00280.10V	OUTLET FILTER - TYPE 3 FLOCCULENT	STORMKLEAR GEL-FLOC	HALOSOURCE 425/974-1969 CSI 800/426-7976 ACF WEST 503/771-5115	08/14/03	2594	A	DESIGNED TO REMOVE SUSPENDED SOILS AND METALS. MUST BE USED WITH SAND FILTER OR BIO-FILTRATION.
00280.10V	OUTLET FILTER - TYPE 3 FLOCCULENT	STORMKLEAR LIQUI-FLOC	HALOSOURCE 425/974-1969 CSI 800/426-7976 ACF WEST 503/771-5115	08/14/03	2595	A	DESIGNED TO REMOVE SUSPENDED SOILS AND METALS. MUST BE USED WITH SAND FILTER OR BIO-FILTRATION.
00280.10W	SLOPE PROTECTION - TYPE 3	ARMORFLEX CLOSED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	01/10/08	3590	A	

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.10W	SLOPE PROTECTION - TYPE 3	ARMORFLEX OPEN CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3575	 A	
00280.10W	SLOPE PROTECTION - TYPE 3	ARMORFLEX TAPERED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3591	А	
00335.00	CHEMICAL DEMOLITION AGENT	BRISTAR CHEMICAL DEMOLITION	ONODA CEMENT, VEND: DEMOLITION TECHNOLOGIES P.O. BOX 467 GREENVILLE, AL 36037 800/282-4384	10/04/90	244	A	DEMONSTRATIONS HAVE SHOWN THAT THIS WILL BE A SUITABLE SUB- STITUTE FOR BLASTING
00350.00	GEOCELL	ENVIROGRID	GEO PRODUCTS 281/820-5493 CSI GEOSYNTHETICS 800/426-7976	05/08/03	2699	A	POLYETHYLENE CELLULAR CONFINE- MENT SYSTEM. ANCHORED WITH J-HOOKS. DESIGNED TO BE FILLED WITH A VARIETY OF ITEMS.
00398.00	ROCK BOLTS	WILLIAMS HOLLOW CORE SPIN LOCK #R1H, #R1HT, #R1HG	WILLIAMS FORM 800/255-0560	10/09/03	2891	A	
00445.00	MISC OPTIONS	TRENCHLESS TECHNOLOGY	NO LIST AT THIS TIME.	01/25/01		Q	ODOT TRENCHLESS TECHNOLOGY ROBERT TREVIS AT 503/986-3382 REHAB & REPLACEMENT OF STORM SEWERS & CULVERTS.
00445.12	ASPHALTIC MASTIC PIPE COATING	HENRY HE906 FLASHMASTER PLUS	HENRY CO. 800/851-1131	09/11/03	2859	А	MEETS AASHTO M243. SEE ODOT SECTION 00445.12 AND ODOT SECTION 00445.47
00470.00	INLET GRATE	EAST JORDAN INLET GRATE G-2 #00773935	EAST JORDAN IRON WORKS 800/837-3901 OR 503/774-4144	05/08/08	3617	A	
00470.00	MANHOLE FRAME	EAST JORDAN 2603Z1 #00260315	EAST JORDAN IRON WORKS 800/837-3901 OR 503/774-4144	05/08/08	3616	A	

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00470.00	MANHOLE RISER RING	LADTECH HDPE M.H. RISER RING	LADTECH,INC., REDMOND, WA ROBERT GORDHAMMER425/868-3930 DIST: UNITED PIPE & SUPPLY KEVIN FEAR 503/588-1250	09/10/98	1730	а.	RECYCLED PLASTIC HDPE. MANUFACTURER SAYS PROD. MAKES MORTARLESS WATERTIGHT JOINTS. 2-YEAR WARRANTY, MTL.ONLY.
00470.00	MANHOLE RISER RING	WHIRLYGIG MANHOLE COLLAR	WHIRLYGIG COMPANY 800/307-4263	04/13/00	2156	A	CUSTOM TRIMMED THERMOPLASTIC CONCRETE FORM SYSTEM.
00470.00	MANHOLE, PLASTIC NON-TRAFFIC AREAS	HDPE MANHOLES	RHINO USA OF OREGON 541/267-4804 OR 541/347-7111 OR 503/588-5200	06/14/01	2208	A	HDPE POLYETHYLENE, TYPE III, CAT 3, CLASS B, PER ASTM D3350 FOR NON TRAFFIC AREAS ONLY.
00470.00	MONHOLE COVER	EAST JORDAN 2603C3 #00260420	EAST JORDAN IRON WORKS 800/837-3901 OR 503/774-4144	05/08/08	3615	A	
00470.00	PVC INLET	NYLOPLAST DRAIN BASIN	NYLOPLAST, A DIV OF ADS DEREK VON CANNON 801/419-1720 866/888-8479	02/08/07	2786	А	NON-WHEEL TRACK USING APPROVED FRAME/GRATES. NO INTERSTATES. MIN COVER: 2', MAX DEPTH: 8'. 18", 24", & 30" DIA ONLY.
00470.00	PVC INLET CG-2	NYLOPLAST CURB INLET CG-2	NYLOPLAST, A DIV OF ADS DEREK VON CANNON 801/419-1720 866/888-8479	02/08/07	2787	A	NON-WHEEL TRACK USING APPROVED FRAME/GRATES. NO INTERSTATES. MIN COVER: 2', MAX DEPTH: 8'. 18", 24", & 30" DIA ONLY.
00470.00	PVC INLET G-1 & G-2	NYLOPLAST ROAD & HWY BASIN	NYLOPLAST, A DIV OF ADS DEREK VON CANNON 801/419-1720 866/888-8479	02/08/07	2785	A	NON-WHEEL TRACK USING APPROVED FRAME/GRATES. NO INTERSTATES. MIN COVER: 2', MAX DEPTH: 8'. 18", 24", & 30" DIA ONLY.
00512.14	SYNTHETIC SLURRY	NOVAGEL	GEO-TECH SERVICES 210/587-4758	08/10/06	3346	A	
00512.14	SYNTHETIC SLURRY	SHORE PAC	CETCO CONSTRUCTION DRILLING 800/527-9948 OR 847/392-5800 WAS CALLED SHORE PAC GCV 5/08	08/10/06	3345	A	

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00512.14	SYNTHETIC SLURRY	SLURRY PRO CDP	KB INTERNATIONAL 423/266-6964 SINCLAIR 562/403-3559	08/10/06	3343	 А	
00512.14	SYNTHETIC SLURRY	SUPER MUD	PDS COMPANY 562/634-8180	08/10/06	3344	A	
00520.00	PILE TIPS HP10X42	HP77600-B-18# 10"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	3359	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP10X42	HP77750-B 10"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2500	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP10X42	SUPERBITE PAR10T	VERSABITE PILING ACCESSORIES 800/280-9950 SKYLINE STEEL 253/858-9405	11/13/03	2873	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP10X42	SUPERIOR BITE PAH10T	VERSABITE PILING ACCESSORIES 800/280-9950 SKYLINE STEEL 253/858-9405	02/12/04	2870	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP10X42	VERSA STEEL VS310N	VERSA STEEL 800/678-0814	03/13/03	2770	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP10X42	VERSABITE VB310P (VERSATILE)	VERSABITE PILING ACCESSORIES 800/280-9950 SKYLINE STEEL 253/858-9405	11/13/03	2867	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP10X57	HP77600-B-18# 10"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	3359	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00520.00	PILE TIPS HP10X57	SUPERIOR BITE PAH10T	VERSABITE PILING ACCESSORIES 800/280-9950	02/12/04	2870	Q	VERIFY HEAT OR LOT # ON TIP.
			SKYLINE STEEL 253/858-9405				MILL CERTS REQUIRED.
00520.00	PILE TIPS HP10X57	VERSA STEEL VS310N	VERSA STEEL 800/678-0814	03/13/03	2770	Q	VERIFY HEAT OR LOT # ON TIP.
							MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X53	HP77600-B-30# 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	3360	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X53	НР77750-В 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2541	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X53	HP7780-B 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2501	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X53	SUPERBITE PAR12T	VERSABITE PILING ACCESSORIES 800/280-9950	02/12/04	2874	Q	VERIFY HEAT OR LOT # ON TIP.
			SKYLINE STEEL 253/858-9405				MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X53	SUPERIOR BITE PAH12T	VERSABITE PILING ACCESSORIES 800/280-9950	02/12/04	2871	Q	VERIFY HEAT OR LOT # ON TIP.
			SKYLINE STEEL 253/858-9405				MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X53	VERSA STEEL VS312N	VERSA STEEL 800/678-0814	03/13/03	2771	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
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00520.00	PILE TIPS HP12X53	VERSABITE VB312P (VERSATILE)	VERSABITE PILING ACCESSORIES 800/280-9950 SKYLINE STEEL 253/858-9405	11/13/03	2868	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00520.00	PILE TIPS HP12X63	НР77600-В-30# 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	3360	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X63	SUPERBITE PAR12T	VERSABITE PILING ACCESSORIES 800/280-9950 SKYLINE STEEL 253/858-9405	02/12/04	2874	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X63	SUPERIOR BITE PAH12T	VERSABITE PILING ACCESSORIES 800/280-9950 SKYLINE STEEL 253/858-9405	02/12/04	2871	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X63	VERSA STEEL VS312N	VERSA STEEL 800/678-0814	03/13/03	2771	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X63	VERSABITE VB312P (VERSATILE)	VERSABITE PILING ACCESSORIES 800/280-9950 SKYLINE STEEL 253/858-9405	11/13/03	2868	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X74	HP77600-B-30# 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	3360	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X74	HP77750-B 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2541	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X74	SUPERIOR BITE PAH12T	VERSABITE PILING ACCESSORIES 800/280-9950 SKYLINE STEEL 253/858-9405	02/12/04	2871	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X74	VERSA STEEL VS312N	VERSA STEEL 800/678-0814	03/13/03	2771	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00520.00	PILE TIPS HP12X74	VERSABITE VB312P (VERSATILE)	VERSABITE PILING ACCESSORIES 800/280-9950	11/13/03	2868	Q	VERIFY HEAT OR LOT # ON TIP.
			SKYLINE STEEL 253/858-9405				MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X84	HP77600-B-30# 12"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	3360	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X84	SUPERIOR BITE PAH12T	VERSABITE PILING ACCESSORIES	02/12/04	2871	Q	VERIFY HEAT OR LOT # ON TIP.
			800/280-9950 SKYLINE STEEL 253/858-9405				MILL CERTS REQUIRED.
00520.00	PILE TIPS HP12X84	VERSA STEEL VS312N	VERSA STEEL 800/678-0814	03/13/03	2771	Q	VERIFY HEAT OR LOT # ON TIP.
							MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X102	HP77600-B-46 14"	ASSOCIATED PILE & FITTING 800/526-9047	04/12/07	3471	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X102	НР77750-В 14"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2542	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X102	SUPERIOR BITE PAH14T	VERSABITE PILING ACCESSORIES	02/12/04	2872	Q	VERIFY HEAT OR LOT # ON TIP.
			800/280-9950 SKYLINE STEEL 253/858-9405				MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X102	VERSA STEEL VS314-117N	VERSA STEEL 800/678-0814	03/13/03	2773	Q	VERIFY HEAT OR LOT # ON TIP.
							MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X102		VERSABITE PILING ACCESSORIES	11/13/03	2869	0	VERIFY HEAT OR LOT # ON TIP.
00520.00	FILE IIPS HP14X1V2	VERSABITE VB314P (VERSATILE)	VERSABITE FILING ACCESSORIES 800/280-9950 SKYLINE STEEL 253/858-9405	11/13/03	2009	Q	VERIFY HEAT OR LOT # ON TIP.
			SKILLAR SIBEL 255/050-9405				MIDD CENTO REQUIRED.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00520.00	PILE TIPS HP14X117	нр77600-в-46 14"	ASSOCIATED PILE & FITTING 800/526-9047	04/12/07	3471	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X117	НР77750-В 14"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2542	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X117	SUPERIOR BITE PAH14T	VERSABITE PILING ACCESSORIES 800/280-9950	02/12/04	2872	Q	VERIFY HEAT OR LOT # ON TIP.
			SKYLINE STEEL 253/858-9405				MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X117	VERSA STEEL VS314-117N	VERSA STEEL 800/678-0814	03/13/03	2773	Q	VERIFY HEAT OR LOT # ON TIP.
							MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X73	НР77600-В 14"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2502	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X73	НР77600-В-46 14"	ASSOCIATED PILE & FITTING 800/526-9047	04/12/07	3471	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X73	НР77750-В 14"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2542	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X73	SUPERBITE PAR14T	VERSABITE PILING ACCESSORIES 800/280-9950	11/13/03	2875	Q	VERIFY HEAT OR LOT # ON TIP.
			SKYLINE STEEL 253/858-9405				MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X73	SUPERIOR BITE PAH14T	VERSABITE PILING ACCESSORIES 800/280-9950	02/12/04	2872	Q	VERIFY HEAT OR LOT # ON TIP.
			SKYLINE STEEL 253/858-9405				MILL CERTS REQUIRED.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00520.00	PILE TIPS HP14X73	VERSA STEEL VS314-117N	VERSA STEEL 800/678-0814	01/12/06	2773	Q	VERIFY HEAT OR LOT # ON TIP.
							MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X73	VERSA STEEL VS314-89N	VERSA STEEL 800/678-0814	03/13/03	2772	Q	VERIFY HEAT OR LOT # ON TIP.
							MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X73	VERSABITE VB314P (VERSATILE)	VERSABITE PILING ACCESSORIES 800/280-9950	11/13/03	2869	Q	VERIFY HEAT OR LOT # ON TIP.
			SKYLINE STEEL 253/858-9405				MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X89	НР77600-В 14"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2502	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X89	HP77600-B-46 14"	ASSOCIATED PILE & FITTING 800/526-9047	04/12/07	3471	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT # MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X89	НР77750-В 14"	ASSOCIATED PILE & FITTING 800/526-9047	08/08/07	2542	Q	EACH CAST STEEL POINT SHALL BE LEGIBLY MARKED W/HEAT OR LOT# MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X89	SUPERBITE PAR14T	VERSABITE PILING ACCESSORIES 800/280-9950 SKYLINE STEEL 253/858-9405	11/13/03	2875	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X89	SUPERIOR BITE PAH14T	VERSABITE PILING ACCESSORIES 800/280-9950 SKYLINE STEEL 253/858-9405	02/12/04	2872	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X89	VERSA STEEL VS314-117N	VERSA STEEL 800/678-0814	01/12/06	2773	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.

PAGE 55

ODOT CONSTRUCTION/MATERIALS SECTION QUALIFIED PRODUCTS LIST APPROVED LIST - NO SAMPLES OR TESTS REQUIRED* QUALIFIED LIST - ADDITIONAL REQUIREMENTS** JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00520.00	PILE TIPS HP14X89	VERSA STEEL VS314-89N	VERSA STEEL 800/678-0814	03/13/03	2772	 Q	VERIFY HEAT OR LOT # ON TIP.
							MILL CERTS REQUIRED.
00520.00	PILE TIPS HP14X89	VERSABITE VB314P (VERSATILE)	VERSABITE PILING ACCESSORIES 800/280-9950	11/13/03	2869	Q	VERIFY HEAT OR LOT # ON TIP.
			SKYLINE STEEL 253/858-9405				MILL CERTS REQUIRED.
00530.00	REBAR MANUFACTURER	BORDER STEEL - EL PASO, TX	BORDER STEEL EL PASO, TX 915/886-2000	08/05/98	1841	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	CASCADE STEEL ROLLING MILLS	CASCADE STEEL ROLLING MILLS 800/283-2776 OR 503/222-6824	01/25/94	1111	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	CF&I STEEL (ROCKY MOUNTAIN)	ROCKY MOUNTAIN STEEL CO. 888/453-8298	01/27/97	1621	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES. NOW KNOWN AS ROCKY MOUNTAIN STEEL CO. (1997)
00530.00	REBAR MANUFACTURER	N.S. STEEL - ST. PAUL	NORTH STAR STEEL - IOWA 319/732-3231	01/27/97	1622	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	N.S. STEEL - WILTON	NORTH STAR STEEL - MINNESOTA 612/731-5600	01/27/97	1623	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	NORTH STAR STEEL - KINGMAN AZ	NORTH STAR STEEL - KINGMAN AZ DALE BUMGARDINER 520/718-7125	03/11/99	1908	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	NUCOR - SEATTLE	NUCOR CORPORATION JIM PETERSON 206/933-2399 206/933-2245 OR 800/428-9005	02/12/04	2935	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00530.00	REBAR MANUFACTURER	NUCOR - UTAH	NUCOR CORPORATION 800/677-1012 OR 800/428-9005 801/458-3691	01/25/94	1112	 А	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	TAMCO STEEL - RANCHO CUCAMONGA	TAMCO STEEL RANCHO CUCAMONGA 909/899-0660	08/05/98	1842	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER EPOXY COATED	WESTERN COATING, INC.	WESTERN COATING, INC. TOM WHITISH 800/835-0576	05/12/94	1115	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES. STATUS WAS "I" ON 1/25/94.
00530.41	REBAR SPACER	CENTRALIGNER PIER SLED	PIERESEARCH 109 W RANDOL MILL RD, STE 104 ARLINGTON, TX 76011 REP: STANLEY AGEE 817/277-8566	12/09/93	964	A	PRECAST SPACERS WIRED TO REBAR CAGE TO MAINTAIN PROPER CLEARANCE BETWEEN THE REBAR AND THE WALL.
00530.41	REBAR SPACER	HIJACKER PIER BOLSTER	PIERESEARCH 109 W RANDOL MILL RD, STE 104 ARLINGTON, TX 76011 REP: STANLEY AGEE 817/277-8566	12/09/93	965	A	PRECAST PLATFORMS WIRED TO REBAR CAGES TO MAINTAIN CLEARANCE BETWEEN REBAR AND THE BOTTOM OF THE FORM OR HOLE
00530.42	SPLICE, BUTT, MECHANICAL	BAR-LOCK (LONG)	BAR-LOCK 800/755-4888 PART OF DAYTON SUPERIOR MATT CROSS 360/961-6888	08/12/93	1031	Q	USES LOCK SHEAR BOLTS IN COUPLER BARREL. MEETS 135% OF SPECIFIED YIELD. TEST SAMPLES ON EACH JOB.
00530.42	SPLICE, BUTT, MECHANICAL	BAR-LOCK S-CA	BAR-LOCK 800/755-4888 PART OF DAYTON SUPERIOR MATT CROSS 360/961-6888	04/13/00	2234	Q	USES LOCK SHEAR BOLTS IN COUPLER BARREL. MEETS 135% OF SPECIFIED YIELD. TEST SAMPLES ON EACH JOB.
00530.42	SPLICE, BUTT, MECHANICAL	BARSPLICER	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 LARRY ALCORN 937/275-8700	09/10/98	1065	Q	TWO-PIECE THREADED MECHANICAL SPLICE. LAB NO.93-03568. MEETS ODOT REQUIRMENT OF 90% OF THE ULT. TENSILE STRENGTH.
00530.42	SPLICE, BUTT, MECHANICAL	CADWELD REBAR SPLICE METAL FILLED SPLICE	ERICO PRODUCTS INC. 440/248-0100	05/01/88	1355	Q	EACH INSTALLER/INSTALLATION TO BE CERTIFIED. SEE SPECIALS.

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00530.42	SPLICE, BUTT, MECHANICAL	DB-SAE DOWEL IN PLACE THREADED	RICHMOND SCREW CO 817/284-4981 VENDOR: MASONS SUPPLY CO. 800/537-3407	12/10/92	575	Q	EACH INSTALLATION TO BE CERTIFIED. SEE SPECS. CLAIM IS FOR 100% OF ULTIMATE. ORIG C ON 2/14/91
00530.42	SPLICE, BUTT, MECHANICAL	DOWEL BAR REPLACEMENT THREADED	DAYTON SUPERIOR 800/745-3707 MIKE COSTELLO 425/301-1975 MASON'S SUPPLY, 800/537-3407 WHITE CAP 503/287-4151	07/15/88	305	Q	EACH INSTALLATION TO BE CERTIFIED. SEE SPECS. TO MEET 90% OF ULTIMATE, COUPLER MUST BE NEXT LARGER SIZE.
00530.42	SPLICE, BUTT, MECHANICAL	LENTON FORM SAVER SA TAPER-THREADED W/FLANGE	ERICO PRODUCTS INC. 440-248-0100	09/14/06	3353	Q	EACH INSTALLATION TO BE CERTIFIED. SEE SPECS.
00530.42	SPLICE, BUTT, MECHANICAL	LENTON STANDARD COUPLER A2 TAPER-THREADED	ERICO PRODUCTS INC. 440-248-0100	08/01/89	770	Q	EACH INSTALLATION TO BE CERTIFIED. SEE SPECS.
00530.42	SPLICE, BUTT, MECHANICAL	NO-SLIP COUPLING	FOX HOWLETT INDUSTRIES 744 FOLGER AVE BERKLEY CA 94710 415/841-1016	05/01/88	1356	Q	EACH INSTALLER/INSTALLATION TO BE CERTIFIED. SEE SPECS.
00530.42	SPLICE, BUTT, MECHANICAL BRIDGE APPLICATIONS	ZAP SCREWLOK	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 LARRY ALCORN 937/275-8700	05/08/97	1628	Q	EA INSTALLAT'N TO BE CERTIF'D. TUBE WITH BREAKABLE SCREWS. "QUALIFIED" FOR BRIDGE WORK. "CONDITIONAL" FOR CRCP.
00530.42	SPLICE, BUTT, MECHANICAL NOT FOR COLUMN BARS	BAR GRIP	BARSPLICE PRODUCTS INC 4900 WEBSTER ST DAYTON OH 45414 LARRY ALCORN 937/275-8700	10/04/90	544	Q	NOT FOR COLUMN BARS FOR BRIDGE RAISING APPLICATIONS. (SWAGED) VENDOR CLAIMS 90% OF ULTIMATE. TEST PRIOR TO USE.
00530.42	SPLICE, LAP, MECHANICAL	QUICK WEDGE SIZES: #3 TO #6	ERICO PRODUCTS INC. 440/248-0100	09/28/05	610	Q	EACH INSTALLER/INSTALLATION TO BE CERTIFIED. SEE SPECS. 2 SPLICES REQUIRED FOR EACH LOCATION FOR ALL INSTALLATIONS
00535.10	CONCRETE ANCHOR, MECH VERY LOW STRENGTH DYNAMIC LOADINGS	POWER BOLT EXPANSION ANCHOR	POWERS FASTENERS PATRICK BUCKLEY 914/235-6300 SALES NORTHWEST 206/762-5812 MASONS SUPPLY 800/537-3407	10/12/00	1975	A	VERY LOW STRENGTH APPLICATIONS CK. SPECS AND MFG INSTRUCTIONS OF RECORD. NOT AN EQUAL TO LO STRENGTH. GALV/STAINLESS.

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00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	AC 100 PLUS EPOXY ACRYLATE	POWERS FASTENERS PATRICK BUCKLEY 914/235-6300	07/10/08	3369	 А	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	ACRYLIC TIE MMA	SIMPSON STRONG-TIE ROB CLAUSEN 630/543-2797 800-999-5099 WHITE CAP 503/287-4151	07/10/08	2265	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	ANCHOR-IT HS 200 EPOXY	ADHESIVE TECHNOLOGY RICHARD BOLAND 800/892-1880	06/12/08	185	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	COVERT CIA-GEL 7000 EPOXY	USP STRUCTURAL CONNECTORS JENNIFER TUREK 507/364-8368 800/328-5934	06/12/08	724	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	EPCON ACRYLIC 7 MMA - ACRYLIC	ITW REDHEAD 800/899-7890	07/10/08	1631	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	HILTI HIT RE500 EPOXY	HILTI, INC. 800/879-8000 TIM NORDSTROM 206/330-8055 ZACK CLINARD 503/701-4429	07/10/08	2519	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	HILTI HVU ADHESIVE CAPSULE VINYL-URETHANE METHACRYLATE	HILTI, INC. 800/879-8000 TIM NORDSTROM 206/330-8055 ZACK CLINARD 503/701-4429	07/10/08	1787	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	HILTI HY-150 METHACRYLATE/CEMENT	HILTI, INC. 800/879-8000 TIM NORDSTROM 206/330-8055 ZACK CLINARD 503/701-4429	07/10/08	1788	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	PRO-POXY 400 EPOXY ACRYLATE	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	07/10/08	2515	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	SIMPSON SET EPOXY	SIMPSON STRONG-TIE ROB CLAUSEN 425/413-6755 800/999-5099 WHITE CAP 503/287-4151	07/10/08	1702	 А	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	ULTRABOND 1 (WAS ULTRABOND AT) EPOXY	ADHESIVE TECHNOLOGY RICHARD BOLAND 800/892-1880	07/10/08	1285	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	EPCON G-5 ADHESIVE ANCHOR EPOXY. WAS CALLED "NEW G-5"	ITW REDHEAD 800/899-7890	07/10/08	2747	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	HAMMER - CAPSULE EPOXY ACRYLATE	POWERS FASTENERS PATRICK BUCKLEY 914/235-6300 SALES NORTHWEST 206/762-5812 MASONS SUPPLY 800/537-3407	07/10/08	2408	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	LIQUID ROC 300 CAPSULES POLYESTER	MKT FASTENING 800/336-1640 NORTHCOAST MANUFACTURER AGENCY JOHN STONE 206/366-8980 WILLIAMS CONCRETE 800/255-0560	07/10/08	105	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	SIMPSON ET EPOXY (POLY ALL PAC-24)	SIMPSON STRONG-TIE ROB CLAUSEN 630/543-2797 800-999-5099 WHITE CAP 503/287-4151	07/10/08	1001	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	ULTRABOND 2 (WAS ULTRABOND ET) EPOXY	ADHESIVE TECHNOLOGY RICHARD BOLAND 800/892-1880	07/10/08	1284	A	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK
00540.10	CONCRETE RETARDER - FCS FRESH CONCRETE SURFACES	MBT EAC-S	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	12/13/07	3576	A	OK FOR PLACEMENT- FRESH CONCR. TEST TO DETERMINE CURE TIME.
00540.10	CONCRETE RETARDER - FCS FRESH CONCRETE SURFACES	MBT X-POZ-R	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	12/13/07	3577	A	OK FOR PLACEMENT- FRESH CONCR. TEST TO DETERMINE CURE TIME.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00540.10	CONCRETE RETARDER - FS FORM SURFACES	MBT TUF-COTE	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	12/13/07	3578	 А	OK FOR PLACEMENT- FORMS TEST TO DETERMINE CURE TIME.
00540.10	CONCRETE RETARDER - FS FORM SURFACES	MBT X-POZ-R	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	12/13/07	3577	A	OK FOR PLACEMENT - FORMS TEST TO DETERMINE CURE TIME.
00540.45	FORM TIE, NON-METALLIC	SUPERTIE FIBERGLASS FORM TIE	RJD INDUSTRIES, INC. 800/344-4753 WILLIAMS CONCRETE 800/255-0560	03/01/89	405	A	QUALIFIED BY BRIDGE. ALTERNATE TO EXTRA CONCRETE COVER IN MARINE ENVIRONMENT (DUE TO CORROSION OF METAL SNAP TIES)
00565.00	FRP BRIDGE STRENGTHENING	FIBERBOND VELACARB VELACARB 335U / VELOXX LR	EDGE STRUCTURAL COMPOSITES 510/233-2854	09/11/03	2681	Q	MET CALTRANS REQUIREMENTS.
00565.00	FRP BRIDGE STRENGTHENING	MET MERACE CF 130 WAS WABOMBRACE CF130 CFRP	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/14/07	2613	Q	MET CALTRANS REQUIREMENTS.
00565.00	FRP BRIDGE STRENGTHENING	REPLARK CFRP FOR SHEAR	MITSUBISHI CHEMICAL CORP 212/274-0376	06/13/02	2610	Q	MET CALTRANS REQUIREMENTS.
00565.00	FRP BRIDGE STRENGTHENING	SCH 41 / TYFO CFRP	FYFE CO LLC 858/642-0694 EXT 13	06/13/02	2611	Q	MET CALTRANS REQUIREMENTS.
00565.00	FRP BRIDGE STRENGTHENING	SIKA CARBODUR CFRP	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	06/13/02	2612	Q	MET CALTRANS REQUIREMENTS.
00582.31	DISC BEARINGS	DISKTRON	R.J. WATSON, INC. 716/691-3301	03/11/04	1509	Q	MUST HAVE BRIDGE REVIEW.

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00582.32	FABRIC PAD BEARINGS	ALERT LAMINATED FABRIC PAD	ALERT MANUFACTURING & SUPPLY 847/350-0460 DALTON ASSOCIATES E.TERRY DALTON 425/450-9462	07/01/89	322	Q	APPROVED BY BRIDGE SUBJECT TO INDEPENDENT LAB CERTIFICATION
00582.32	FABRIC PAD BEARINGS	SCOUGAL BRIDGE BEARING	SCOUGAL RUBBER 206/763-2650 SEATTLE, WA	02/13/97	1567	Q	APPROVED BY BRIDGE
00582.32	FABRIC PAD BEARINGS NON-GUIDED	COSMEC FABRIC PAD SL. BEARING	COSMEC, INC. 508/668-6600	02/11/99	1884	Q	PRODCUT IS ONLY APPROVED FOR USE AS A NON-GUIDED BEARING.
00582.33	POT BEARINGS	COSMEC POT BEARING	COSMEC, INC. 508/668-6600	12/10/92	500	Q	APPROVED BY BRIDGE
00582.33	POT BEARINGS	POT BEARINGS & SLIDERS	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	05/01/88	169	Q	APPROVED BY BRIDGE SUBJECT TO INDEPENDENT LAB CERTIFICATION
00582.34	SPHERICAL BEARINGS	LUBRITE HPF SPHERICAL BEARINGS	LUBRITE TECHNOLOGIES 781/871-1420	05/01/88	794	Q	APPROVED BY BRIDGE SUBJECT TO INDEPENDENT LAB CERTIFICATION
00582.34	SPHERICAL BEARINGS	TEXLON SPHERICAL BEARING	COSMEC, INC. 508/668-6600	12/10/92	960	Q	APPROVED BY BRIDGE
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	PAVE-PREP WAS MFG BY PAVETECH 1/06	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	12/08/05	315	A	MFG RECOMMENDED GRADES: 6% NOMINAL, TO 10% MAX WITH SPECIAL PRECAUTIONS. WARRANTED AND MFG REQUIRED TO BE ON SITE
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	PAVE-PREP SA WAS MFG BY PAVETECH 1/06	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	12/08/05	2644	A	MFG RECOMMENDED GRADES: 6% NOMINAL, TO 10% MAX WITH PRECAUTIONS. WARRANTED AND MFG REQUIRED ON SITE. SELF ADHES.

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00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	SOPRALENE FLAM ANTIROCK	SOPREMA INC. 800/356-3521 KNIFE EDGE GROUP ADAM BROWN AND NEIL BROWN, 207/743-8885	10/11/01	1712	 А	GRADE LIMIT: 10% MFG WILL WARRANT PROJECTS & IS REQUIRED TO HAVE A REP ON SITE.
00594.11	NON-FERROUS COATING 2 COAT - NON FERROUS	SYSTEM NFC-1	CARBOLINE 800/848-4645 -2064	10/12/06	3378	Q	PRIMER-GALOSEAL WB LO GLOSS TOP-CARBOTHANE 133HB HI GLOSS TOP-CARBOTHANE 134HS
00594.11	NON-FERROUS COATING 2 COAT - NON FERROUS	SYSTEM NFC-2	SHERWIN WILLIAMS 360/604-3162	10/12/06	3379	Q	PRIMER-IRONOX B LO GLOSS TOP-IRONOX A HS HI GLOSS TOP-CORATHANE 1 HS
00594.11	NON-FERROUS COATING 2 COAT - NON FERROUS	SYSTEM NFC-3	WASSER 360/866-4517 800/627-2968	10/12/06	3380	Q	PRIMER-FERROX B LO GLOSS TOP-FERROX A HI GLOSS TOP-LUSTER
00594.11	REHAB COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM RC-1	SHERWIN WILLIAMS 360/604-3162	10/12/06	3376	Q	PRIMER-COR 1 ZINC PRIMER-1PK INTERMEDIATE-IRONOX B LO GLOSS TOP-IRONOX A HS HI GLOSS TOP-CORATHANE 1 HS
00594.11	REHAB COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM RC-2	WASSER 360/866-4517 800/627-2968	10/12/06	3377	Q	PRIMER-MC MIOZINC INTERMEDIATE-FERROX B LO GLOSS TOP-FERROX A HI GLOSS TOP-LUSTER
00594.11	SHOP & MAINT COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM SMC-1	CARBOLINE 800/848-4645 -2064	10/12/06	3372	Q	PRIMER-CARBOZINC 859 INTERMEDIATE-CARBOGUARD 888 LO GLOSS TOP-CARBOTHANE 133HB HI GLOSS TOP-CARBOTHANE 134HS
00594.11	SHOP & MAINT COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM SMC-2	SHERWIN WILLIAMS 360/604-3162	10/12/06	3373	Q	PRIMER-ZINC CLAD III HS INTERMEDIATE-MACROPOXY 646 LO GLOSS TOP-ACROLON 218HS HI GLOSS TOP-ACROLON 218HS
00594.11	SHOP & MAINT COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM SMC-3	SHERWIN WILLIAMS 360/604-3162	10/12/06	3374	Q	PRIMER-COR I GALVAPAC-1 PK INTERMEDIATE-IRONOX B LO GLOSS TOP-IRONOX A HS HI GLOSS TOP-CORATHANE 1 HS

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00594.11	SHOP & MAINT COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM SMC-4	WASSER 360/866-4517 800/627-2968	10/12/06	3375	Q	PRIMER-MC ZINC INTERMEDIATE-FERROX B LO GLOSS TOP-FERROX A HI GLOSS TOP-LUSTER
00594.11	SHOP COATING 3 COAT SYSTEM W/INORGANIC ZINC	SYSTEM SC-1	CARBOLINE 800/848-4645 -2064	10/12/06	3370	Q	PRIMER-CARBOZINC 11HS INTERMEDIATE-CARBOGUARD 893 LO GLOSS TOP-CARBOTHANE 133HB HI GLOSS TOP-CARBOTHANE 134HS
00594.11	SHOP COATING 3 COAT SYSTEM W/INORGANIC ZINC	SYSTEM SC-2	INTERNATIONAL PC 858/547-8810	10/12/06	3371	Q	PRIMER-INTERZINC 22HS INTERMEDIATE-INTERGARD 475HS LO GLOSS TOP-INTERTHANE 870 HI GLOSS TOP-INTERTHANE 870HS
00594.12	STRUCTURAL STEEL CAULK	FLEXBIBLE SEAL	AC PRODUCTS 800/238-4204	11/08/07	3385	Q	
00594.12	STRUCTURAL STEEL CAULK	SIKAFLEX 1A	SIKA CORP 800/222-7452 THAD BROWN 425/486-5916	11/08/07	3381	Q	MUST BE TOP COATED FOR ODOT PROJECTS.
00594.12	STRUCTURAL STEEL CAULK	STAMPEDE 1	SHERWIN WILLIAMS 360/604-3162 503/362-3729	10/11/07	3383	Q	
00597.11	FILLERS & SEALERS FILLER	READY TO APPLY BLOCK FILLER B25W25	SHERWIN WILLIAMS 360/604-3162 503/362-3729	12/10/93	1718	A	BLOCK FILLER FOR USE ON CONCRETE BLOCK BUILDINGS. FOR VERTICAL FACE, ABOVE GRADE SAME AS PREP-RITE B25W25.
00597.11	FILLERS & SEALERS FILLER	SPRAYABLE SMOOTH BLOCK FILLER 501901	RODDA PAINT 12000 SW GARDEN PLACE PORTLAND OR 97232 503/521-4300	05/01/88	1310	A	WHITE, BLOCK FILLER FOR USE ON CONCRETE BLOCK BUILDINGS. VERTICAL FACES, ABOVE GRADE.
00597.11	WATERPROOFING - CAP	SHERLASTIC ELASTOMERIC WATERPROOFING COATING A5	SHERWIN WILLIAMS 360/604-3162 503/362-3729	05/01/88	1719	A	SEALER FOR USE ON CONCRETE BLOCK BUILDINGS / WALLS. GOOD FOR TOP CAP.

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00597.11	WATERPROOFING - CAP	SUPER ROFLEX ELASTOMERIC COAT. 511301	RODDA PAINT 12000 SW GARDEN PLACE PORTLAND OR 97223 503/521-4300	05/01/88	1309	 А	WHITE, TOP SEALER FOR USE ON CONCR BLOCK BUILDINGS / WALLS. MAINTAIN 15 MILS (DRY) AFTER 2 COATS.
00745.00	ASPHALT COLD PATCH - HP BUCKETS	INSTANT ROAD REPAIR	INTERNATIONAL ROADWAY RESEARCH 281/441-3558 TRAFFIC SAFETY 800/547-8518	06/13/02	1895	A	PART OF RESEARCH PROJECT 2002. WORKED WELL ON ROAD. PASSED LAB TESTS.
00745.00	ASPHALT COLD PATCH - HP BULK	BONDX	SEABOARD ASPHALT PRODUCTS CO. 3601 FAIRFIELD RD. BALTIMORE, MARYLAND 21226 SHAWN CAMPBELL 410/355-0330	06/13/02	1515	А	PART OF RESEARCH PROJECT 2002. WORKED WELL ON ROAD. PASSED LAB TESTS.
00745.00	ASPHALT COLD PATCH - HP BULK	ELASTI-PATCH	KOCH MATERIALS CO LINDA BECK 800/521-9593	06/13/02	2627	A	PART OF RESEARCH PROJECT 2002. WORKED WELL ON ROAD. PASSED LAB TESTS.
00745.00	ASPHALT COLD PATCH - HP BULK	TAG 8000	INFRATECH POLYMERS 800/567-4888	06/13/02	1265	A	PART OF RESEARCH PROJECT 2002. DID WELL ON THE ROAD. PASSED LAB TESTS.
00745.00	ASPHALT COLD PATCH - HP BULK	UPM COLD MIX	UNIQUE PAVING MATERIALS 800/441-4880 VEN: WILDISH CONSTRUCTION PORTER YETT 503/282-3251	06/13/02	831	A	PART OF RESEARCH PROJECT 2002. DID WELL ON THE ROAD. PASSED LAB TESTS.
00745.00	ASPHALT COLD PATCH - HP BULK AND BAGS	EZ STREET	LAKESIDE INDUSTRIES RICK RAWLINGS 425/313-2681 BOB HUNT 503/640-2208	08/08/02	2407	A	MEETS SPECS.
00745.00	ASPHALT COLD PATCH - HP BULK AND BAGS	PERMA PATCH	NATIONAL PAVING & CONTRACTING 410/764-7117 HOWARD SMUKLER 510/525-8961	06/13/02	2527	А	PART OF RESEARCH PROJECT 2002. WORKED WELL ON ROAD. PASSED LAB TESTS.
00745.00	ASPHALT COLD PATCH - HP BULK AND BAGS	QPR	QPR A DIV OF LAFARGE 253/265-1542 CRAFCO INC. 503/284-4330	06/13/02	560	A	PART OF RESEARCH PROJECT 2002. WORKED WELL ON ROAD. PASSED LAB TESTS.

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00745.22	TRUCKBED COATING MATERIAL	BIG RED	TEXAS REFINERY, 800/827-0711 SCOTTSDALE, AZ 602/945-1710	01/11/96	1468	 А	PASSED TESTS AT ARIZONA DOT FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	TRUCKBED COATING MATERIAL	BIO KREAM	PRESTO CHEMICAL CO. 800/922-9023	07/13/00	1575	A	PASSED ARIZONA DOT TESTS. BLEND OF VEGETABLE OIL AND SURFACTANTS. CLOSELY FOLLOW MANUFACTURERS INSTRUCTIONS.
00745.22	TRUCKBED COATING MATERIAL	BLACK MAGIC 13	CHEMMARK CORP 800/725-8470 SCOTT SIGSTAD 800/521-4929	09/12/96	1302	A	PASSED ARIZONA DOT TESTS FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	TRUCKBED COATING MATERIAL	FOAM 1846-50	MCCALL OIL 800/622-2558	09/09/99	939	A	PASSED ARIZONA DOT TESTS. FOAM GENERATING LUBRICATING AGENT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	TRUCKBED COATING MATERIAL	OMNI-268 RELEASE PLUS WAS NCC-268 RELEASE PLUS (NCC)	OMNI RESOURCES 800/241-4547	01/11/96	1469	A	PASSED TESTS AT ARIZONA DOT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	TRUCKBED COATING MATERIAL	SD-20 CLEANER	SPARTAN CHEMICAL CO, INC TOLEDO, OH 419/531-5551	01/11/96	1470	A	PASSED TESTS AT ARIZONA DOT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	TRUCKBED COATING MATERIAL	SLIPEAZEE SB	ROCHESTER MIDLAND 716/336-2200 ICL OF OREGON 800/876-4256	01/11/96	873	A	WATER BASED SOAP PASSED TESTS AT ARIZONA DOT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	TRUCKBED COATING MATERIAL	SOY RELEASE 3	SOY ENVIRONMENTAL PORDUCTS,INC REP: STEVE ELLIS 913/599-0806 VEN: C&A INDUSTRIAL SUPPLIES 541/484-6615 OR 541/521-8602	03/13/97	1644	A	OK FOR USE ON RUBBER TIRES, TRUCKBEDS, TOOLS, WORKBOOTS. PASSED TESTS AT ARIZONA DOT. FOLLOW MANUFACTURERS INSTRUCT.
00745.22	TRUCKBED COATING MATERIAL	SYN-COAT	PRESTO CHEMICAL CO. 11205 HIGHWAY 9 ROSWELL, GA 30076 MARGIE MILLER 800/992-9023	07/10/97	1590	А	PASSED TESTS AT ARIZONA DOT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.

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00745.22	TRUCKBED COATING MATERIAL	TEC-SHIELD	TEC-TEAM INDUSTRIES 800/700-2530	04/12/01	2321	 А	PASSED TESTS AT ARIZONA DOT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	TRUCKBED COATING MATERIAL	TEC-SHIELD (FOR RUBBER)	TEC-TEAM INDUSTRIES 800/700-2530	05/10/01	2321	A	TESTING BY GOODYEAR TIRE. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	TRUCKBED COATING MATERIAL	TECLON-PRO	TEC-TEAM INDUSTRIES 800/700-2530	11/10/05	3146	A	DILUTED VERSION OF TEC SHIELD (ODOT ID# 2321). FOLLOW MFG INSTRUCTIONS CLOSELY.
00745.22	TRUCKBED COATING MATERIAL	THERMAL SLIDE RTUS	CHEMMARK CORP 800/725-8470 SCOTT SIGSTAD 800/521-4929	11/14/96	1301	A	PASSED TESTS AT ARIZONA DOT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	TRUCKBED COATING MATERIAL	TIS 011 RELEASE AGENT	TECHNICAL INDUSTRIAL SALES 800/433-7826	12/14/06	3411	А	INDEPENDENTLY TESTED TO AZ TEST REQUIREMENTS @ 30:1. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	TRUCKBED COATING MATERIAL	TUFF -ACT	MICROBLEND CHEMICAL CO. 800/966-2436	04/13/00	1867	A	PASSED TESTS AT ARIZONA DOT. ALSO KNOWN AS GARGOYLE. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	TRUCKBED COATING MATERIAL	ZEP ASPH RELEASE SPECIAL MIX # 1084	ZEP MANUFACTURING 877/428-9937 OR 404/352-1680	11/14/02	2601	A	PASSED TESTS AT ARIZONA DOT.
00745.22	TRUCKBED COATING MATERIAL	ZEP ASPHALT RELEASE AGENT FA # 1083	ZEP MANUFACTURING 877/428-9937 OR 404/352-1680	11/14/02	2600	A	PASSED TESTS AT ARIZONA DOT.
00745.22	TRUCKBED COATING MATERIAL	ZEP ASPHALT RELEASE R-6690	ZEP MANUFACTURING 877/428-9937 OR 404/352-1680	11/14/02	2602	А	PASSED TESTS AT ARIZONA DOT.

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00745.22	TRUCKBED COATING MATERIAL FOR RUBBER	BLACK MAGIC FOR RUBBER	CHEMMARK CORP 800/725-8470 SCOTT SIGSTAD 800/521-4929	09/12/96	1303	 А	PASSED ARIZONA DOT TESTS DESIGNED FOR RUBBER TIRES, ETC FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00746.00	POURED JOINT FILLER	POURED FILLER, JOINT		11/17/04		A	POURED JOINT FILLERS ARE NOW COVERED IN THE QPL IN SECTION 02440.30, POURED JOINT FILLERS AND MEET AASHTO M324 TYPE II.
00759.00	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ADA TACTILE	ADA SOLUTIONS 978-262-9900	01/09/03	2700	A	TRUNCATED DOME. FIBERGLASS MFG SAYS OK FOR FRESH OR CURED CONCR. FOLLOW MFG INSTRUCTION. ADHESIVE: ELASTIMENT
00759.00	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ARMOR-TILE SURFACE APPLIED	ENGINEERED PLASTICS 800/682-2525 WHITE CAP 800/456-7445	05/08/03	2783	A	TRUNCATED DOME. POLYMER COMPOSITE. USES ADHESIVE AND MECHANICAL FASTENERS. FOLLOW MANUFACTURER'S INSTRUCTIONS.
00759.00	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ARMORCAST DETECABLE TILE	ARMORCAST PRODUCTS 909/772-1424	04/13/06	3301	A	
00759.00	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	SAFE-STEP (CURED)	TRANSPO INDUSTRIES 914/636-1000 KATHLEEN JOHNSON 503/674-9180	11/13/03	2879	А	POLYESTER POLYMER. PANELS ARE ABOUT 12" X 12" X 0.5" THICK. MFG RECOMMENDS A VARIETY OF ADHESIVES. FOLLOW MFG INSTRUCT
00759.00	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	STRONGWARN SWADA 2000	STRONGWALL INDUSTRIES 201/445-4633 CLIFF CHAPPELL 360/260-1493	08/08/02	2650	A	TRUNCATED DOME. LIQUID BASE COVERING CEMENTITIOUS BUMPS. FOLLOW MFG INSTRUCTIONS.
00759.00	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ULTRA-ADA PADS - SURFACE MOUNT MODLES 0750, 0753, 0751,& 0752	ULTRATECH 800/353-1611	06/12/08	3635	A	FLEXIBLE PAD.
00759.00	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	SAFTI-TRAX RUBBER DOME SYSTEM	COTE-L INDUSTRIES 201/836-0733 ACE SUPPLY 360/571-0415	03/13/03	2709	A	POLYURETHANE SPRAYED OVER THE TRUNCATED DOMES. FOLLOW MFG INSTRUCTIONS.

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00759.00	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	SAFTI-TRAX RUBBER MAT SYSTEM	COTE-L INDUSTRIES 201/836-0733 ACE SUPPLY 360/571-0415	03/13/03	2708	 A	TRUNCATED DOME MAT GLUED DOWN. RECOM ADHESIVE: SIKAFLEX 11FC. FOLLOW MFG INSTRUCTIONS.
00759.00	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	TOPMARK DETECTABLE WARNING	FLINT TRADING-LKF DIV OF FLINT LAURA JENSEN 336/475-6600 GARY BANTIN 208/870-8505	11/13/03	2866	A	THERMOPLASTIC. TORCH APPLIED. FOLLOW MANUFACTURER'S INSTRUCTIONS.
00759.00	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	VANGUARD TRUNCATED DOME	TILCO VANGUARD 800/290-5700	08/08/02	2649	А	TRUNCATED DOME. LIQUID PRODUCT FOLLOW MANUFACTURER'S INSTRUCTIONS.
00759.00	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPAHLT SURFACES - NO	ADA REPLACEABLE TILE - YELLOW MODELS: E2436Y, E2448Y, E2460Y	YELLOW TILES OF WASHINGTON 877/314-4888	04/13/06	3284	A	TRUNCATED DOME. DESIGNED TO BE EASILY REPLACEABLE.
00759.00	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ARMOR-TILE CAST IN PLACE	ENGINEERED PLASTICS 800/682-2525 WHITE CAP 800/456-7445	05/08/03	2782	А	TRUNCATED DOME. POLYMER COMPOSITE. SET IN FRESH CONCR. FOLLOW MFG INSTRUCTIONS.
00759.00	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ARMORCAST DETECABLE PANEL	ARMORCAST PRODUCTS 909/772-1424	04/13/06	3300	A	
00759.00	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ARMORCAST WET SET REPLACEABLE	ARMORCAST PRODUCTS 909/772-1424	09/14/06	3328	A	
00759.00	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	COMPOSITE WETSET REPLACEABLE TACTILE	ADA SOLUTIONS 978-262-9900	01/10/08	3582	A	FEDERAL YELLOW.
00759.00	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	EZ-SET CERAMIC COMPOSITE PANEL DETECTABLE WARNING PANELS	DETECTABLE WARNING SYSTEMS 866/999-7452 TRAFFIC SAFETY 800/547-8518	02/12/04	2928	A	ABS ANCHORS. FOLLOW MFG INSTRUCTIONS.

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00759.00	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	MASCO CAST-IN-TACT (FRESH)	MASONS SUPPLY 800/537-3407	03/11/04	2878	 А	CEMENTITIOUS PANELS. VARIOUS COLORS ARE AVAIL, USE ODOT YELLOW OR SAFETY YELLOW. MIGHT HAVE FOREIGN STEEL.
00759.00	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	MASCO CAST-IN-TACT3	MASONS SUPPLY 800/537-3407	05/08/08	3621	A	CEMEMTITIOUS PANELS. USE YELLOW COLOR MIGHT HAVE FOREIGN STEEL.
00759.00	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	SAFE-STEP (FRESH)	TRANSPO INDUSTRIES 914/636-1000 KATHLEEN JOHNSON 503/674-9180	11/13/03	2879	A	FOLLOW MFG INSTRUCTIONS.
00759.00	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ULTRA-ADA PADS - CAST IN PLACE MODELS 0720, 0721, 0722,& 0723	ULTRATECH 800/353-1611	06/12/08	3636	A	FLEXIBLE PAD WITH GALV MESH ON BOTTOM. WET SET.
00759.00	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - YES	VISUL FLEX-STONE PANELS	VISUL CORP. 865/566-5674	02/14/08	3460	А	RECYCLED STONE AGGREGATE IN POLYURETHANE RESIN BASE. FOLLOW MFG INSTRUCTIONS. USES 2 PART POLYRETHANE ADHES.
00760.00	POROUS PAVER-HEAVY DUTY	ARMORFLEX CLOSED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	01/10/08	3590	A	
00760.00	POROUS PAVER-HEAVY DUTY	ARMORFLEX OPEN CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3575	A	
00760.00	POROUS PAVER-HEAVY DUTY	ARMORFLEX TAPERED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3591	A	
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-3)	CABLE SAFETY SYSTEM (2M CASS)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	04/14/05	2946	Α	CONCR POST FOUNDATIONS WITH A SLEEVES. 6.56' POST SPACING 6.76' DEFLECTION.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-3)	CABLE SAFETY SYSTEM (CASS)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	11/13/03	2864	 A	CONCR POST FOUNDATIONS WITH A STEEL SLEEVES. 9.8' SPACING 7.87 DEFLECTION. 16.4' POST SPACING = 9.2' DEFECTION.
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-3)	CASS TL-3	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	04/13/06	3295	A	CONCR POST FOUNDATIONS WITH STEEL SLEEVES. POST SPACING: 20' DEFECTION: 7.7'
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-3)	GIBRALTAR CABLE SYSTEM TL-3	GIBRALTAR 800/495-8957	01/12/06	3259	A	POST SPACING: 15' DEFLECTION: 8.5'. USE POSTS WITH SLEEVES.
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-3)	NUCOR US HI TENSION CABLE BARR WAS FROM MARION STEEL	NUCOR STEEL MARION, INC. 800/333-4011 GRI HIGH TENSION CABLE LP 979/739-0699 OR 972/225-1660	07/13/06	2808	A	MUST USE SOCKETED POSTS WITH SLEEVES & REPLACEABLE POSTS. SPACING: 12.5' DEFLECTION: 6'. SPACING: 16.75' DEFL: 7.5'.
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-4)	CASS TL-4	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	04/13/06	3296	A	CONCR POST FOUNDATIONS WITH STEEL SLEEVES. POST SPACING: 20' DEFECTION: 7.7'
00811.00	CABLE BARRIER SYSTEM 3 STRAND (TL-4)	GIBRALTAR CABLE SYSTEM TL-4	GIBRALTAR 800/495-8957	01/12/06	3260	A	POST SPACING: 14' DEFLECTION: 7'. USE POSTS WITH SLEEVES.
00811.00	CABLE BARRIER SYSTEM 4 STRAND (TL-3)	BRIFEN WIRE ROPE SAFETY FENCE	BRIFEN USA 866/427-4336 405/793-9500	11/13/03	2851	A	SOCKETED POSTS REQUIRED WITH 10.5' SPACING.7.87' DEFLECTION USE APPROVED END TERMINAL TO PROTECT END OF RUNS.
00811.00	CABLE BARRIER SYSTEM 4 STRAND (TL-4)	BRIFEN WIRE ROPE TL-4	BRIFEN USA 866/427-4336 405/793-9500	06/09/05	3121	A	SOCKETED POSTS REQUIRED WITH 10.5' SPACING. 7.9' DEFLECTION USE APPROVED END TERMINAL TO PROTECT END OF RUNS.
00811.00	CABLE BARRIER TERMINAL TL-3	BRIFEN WRGT	BRIFEN USA 866/427-4336 405/793-9500	05/13/04	2970	A	GATING DEVICE. AS WITH THE OTHERS, TERMINAL IS NOT PART OF LENGTH OF NEED.

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00811.00	CABLE BARRIER TERMINAL TL-3	CASS CABLE TERMINAL (CCT-350)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	11/13/03	2865	 А	FOR USE WITH TRINITY CABLE SAFETY SYSTEM (CASS) UNIT ONLY AS WITH THE OTHERS, TERMINAL IS NOT PART OF LENGTH OF NEED.
00811.00	CABLE BARRIER TERMINAL TL-3	NUCOR US HI TENSION CABLE TERM WAS FROM MARION STEEL	NUCOR STEEL MARION, INC. 800/333-4011 GRI HIGH TENSION CABLE LP 979/739-0699 OR 972/225-1660	08/10/06	2940	А	FOR USE WITH US HIGH TENSION CABLE BARRIER. AS WITH THE OTHERS, TERMINAL IS NOT PART OF LENGTH OF NEED.
00811.00	CABLE BARRIER TERMINAL TL-3 AND TL-4	GIBRALTAR CABLE BARRIER TERMIN	GIBRALTAR 800/495-8957	01/12/06	3261	А	FOR GIBRALTAR CABLE BARRIER SYSTEMS.
00811.00	CABLE BARRIER TERMINAL TL-4	CASS TL-4 TERMINAL	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	03/08/07	3429	A	
00820.00	CONCRETE BARRIER, MOVABLE	QUICK CHANGE MOVABLE BARRIER	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888	10/10/91	465	Q	FOR SPECIAL APPLICATIONS ONLY. TRK MOUNTED EQUIP MOVES SPECIA BARRIER FROM ONE SIDE TO THE OTHER UP TO 16', UP TO 10 MPH.
00820.11	BARRIER MARKER REFLECTORIZED	ASTRO OPTICS JD-1 & JD-2	ASTRO OPTICS CORP 847/488-9151 GARY KINBERG 847/488-9151	10/06/88	726	A	PRISMATIC LENS ON PLASTIC MARKER. JD-1: SIDE MOUNT, JD-2: TOP MOUNT.
00820.11	BARRIER MARKER REFLECTORIZED	PCBM-9CM BARRIER REFLECTOR	FILTRONA EXTRUSN 877-335-4638 BILL DALY TRAFFIC SAFETY 800/547-8518	08/10/00	2267	A	PRISMATIC PLASTIC UNITS MOUNTED ON FRONT OF PLASTIC FLANGE.
00820.11	BARRIER MARKER REFLECTORIZED	STIMSONITE 965	ENNIS PAINT 800/835-3357	12/13/07	2776	A	PRISMATIC LENS ON PLASTIC MARKER.
00822.00	GLARE SHIELDS	CARSONITE GLARE BLADE	CARSONITE INC. 800/648-7974 DISTRIBUTER: TRAFFIC SAFETY DICK PARSONS 800/547-8518 WSA - WES YOCKEY 503/407-2168	11/08/01	17	A	INDIVIDUAL BLADES ATTACHED TO THE BARRIER. NEW BASE BRACKET DESIGN 11/01. GALV / STAINLESS BASE, ZINC NOT ALLOWED.

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00822.00	GLARE SHIELDS	DURASCREEN GLARE SHIELD	SAFE-HIT CORP. 888/323-6374 MIKE MADDEN 206/932-6146	12/13/01	2506	 А	TUBES, INDIVIDUALLY MOUNTED. LAB TEST WAS OUTSTANDING.
00822.00	GLARE SHIELDS	MODULAR GLARE SHIELDS	CARSONITE INC. 800/648-7974 DISTRIBUTER: TRAFFIC SAFETY, DICK PARSONS 800/547-8518 WSA - WES YOCKEY 503/407-2168	11/09/01	86	A	FIBERGLASS BLADES MOUNT TO PRE FORMED BASE BOLTED TO BARRIER. NEW BASE BRACKET DESIGN 11/01. GALV OR STAINLESS BASE,NO ZINC
00822.00	GLARE SHIELDS	PROVEN PRODUCTS GLARE SHIELD	JOHANNES BIELHARZ VOHRINGEN, WEST GERMANY DISTRIBUTER: TRAFFIC SAFETY DICK PARSONS 800/547-8518	11/04/93	984	A	SIMILAR TO SYRO STEEL. IT IS GREEN PLASTIC W/GALVANIZED STEEL MOUNTING BRACKETS. MEETS ODOT FLEXIBILITY REQUIREMENTS.
00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-1 NON RE-DIRECTIVE, GATING.	EASI-CELL	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	09/09/04	2921	Q	LOW SPEED UNIT USING POLY CYL. REQUIRES STRONG BACK PLATE. NOT DESIGNED FOR MEDIANS. TL-1 TESTED FOR 50 KPH/30 MPH.
00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING	2005 SHORTRACC (TL-2)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/12/06	3154	Q	TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. 14.2' LONG.
00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING	2005 WIDETRACC (TL-2)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/12/06	3155	Q	TESTED FOR IMPACT SPEEDS UP TO 45 MPH.
00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	SHORTRACC (TL-2) WAS TRACC (TL-2)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	10/11/01	2844	Q	TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. 14.2' LONG 32" WIDE. WAS Q UNDER P-1902.
00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-3 PARTIAL RE-DIRECT, GATING	BEAT SSCC	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721	09/08/05	2711	Q	SHOULDERS ONLY.
00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	2005 FASTRACC	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	11/10/05	3156	Q	TESTED FOR IMPACT SPEEDS UP TO 70 MPH. 25' 8" LONG. 30" WIDE.

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00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	2005 TRACC (TL-3)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	11/10/05	3153	Q	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. 21' LONG. 30" WIDE.
00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	2005 WIDETRACC (TL-3)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/12/06	3155	Q	TESTED FOR IMPACT SPEEDS UP TO 60 MPH.
00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	QUEST 350	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	11/08/07	3138	Q	WATCH REPAIR COSTS. BETTER FOR LOW HIT AREAS.
00830.00	IMPACT ATTENUATOR, PERMANENT NCRHP 350 TL-3 RE-DIRECTIVE, NON GATING.	WIDETRACC	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	04/10/03	2759	Q	MEETS NCHRP 350 TL-3.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW & WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING	QUAD-GUARD ELITE (TL-2)	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	03/08/01	2413	Q	7 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 70KPH/45MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW & WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	SCI70GM	SCI PRODUCTS 800/327-4417 WORK AREA PROTECTION 800/327-4417	12/14/06	3110	Q	LOW MAINTENANCE UNIT. TESTED FOR IMPACT SPEEDS UP TO 45 MPH. NARROW OR WIDE APPS.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW & WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	UNIVERSAL TAU-II (TL-2)	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	02/10/05	2961	Q	FHWA APPROVED - 4 BAY SYSTEM.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD (TL-2) 24", 30", 36", 70",& 90" OBST.	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	03/08/07	3436	Q	
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD (TL-3) 24", 30", 36", 70",90",& 120"W	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	03/08/07	1572	Q	PROTECT ROADSIDE AND MEDIAN OBSTACLES AND HAZARDS. TESTED FOR IMPACT SPEEDS TO 60 MPH.

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00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD ELITE (TL-3)	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	03/08/01	2413	Q	11 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 100KPH/60MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD HS	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	04/11/02	2570	Q	9 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 113KPH/70MPH.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	SCI100GM	SCI PRODUCTS 800/327-4417 WORK AREA PROTECTION 800/327-4417	12/14/06	2907	Q	LOW MAINTENANCE UNIT. TESTED FOR IMPACT SPEEDS UP TO 60 MPH. NARROW OR WIDE APPS. LENGTH: 21'6" + TRANSITION.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	UNIVERSAL TAU-II (TL-3)	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	02/10/05	2961	Q	FHWA APPROVED - 8 BAY SYSTEM.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW APPS NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	REACT 350-NARROW (TL2) (36" OBSTACLE)	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	03/08/07	3438	Q	TESTED FOR IMPACT SPEEDS UP TO 45 MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW APPS NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	REACT 350-NARROW (TL3)	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	08/10/95	1364	Q	TESTED FOR IMPACT SPEEDS UP TO 100KPH/60MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW APPS NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	TRACC (TL-3)	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	09/13/01	1902	Q	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. 21' LONG. 32" WIDE.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW APPS. NCHRP 350 TL-3 RE-DIRECTIVE, GATING	BRAKEMASTER 350	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	03/09/00	880	Q	GUARDRAIL TREATMENT FOR WIDE- MEDIAN/SHOULDER APPLICATIONS. REGION/ROADWAY DESIGNERS PICK FROM QPL WITH DISTRICT INPUT.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW APPS. NCHRP 350 TL-3 RE-DIRECTIVE, GATING	CAT-350 CRASH CUSHION	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	07/11/96	291	Q	SLOTTED RAIL ATTENUATOR FOR MEDIAN/SHOULDER APPLICATIONS. REGION/ROADWAY DESIGNERS PICK FROM QPL WITH DISTRICT INPUT.

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00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW SYSTEM NCHRP 350 TL-3 RE-DIRECTIVE, GATING	QUAD-TREND 350	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	12/09/99	1906	Q	TESTED FOR IMPACT SPEEDS UP TO 100KPH/60MPH. LENGTH: 20'. CLEAR AREA REQUIRED BEHIND TERMINAL. WIDTH: 15"
00830.00	IMPACT ATTENUATOR, PERMANENT, WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	REACT 350-WIDE (TL2) (60" & 90" OBSTACLES)	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	03/08/07	3437	Q	TESTED FOR IMPACT SPEEDS UP TO 45 MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, PERMANENT, WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	REACT 350-WIDE (TL3) (60", 96", & 120" OBSTACLES)	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	03/08/07	2587	Q	TESTED FOR IMPACT SPEEDS UP TO 60 MPH. EARLIER VERSION HAD PROBLEMS, BUT THIS OK. P-1826. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, PERMENAENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUEST 115 SYSTEM	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	11/08/07	3555	A	TESTED FOR IMPACT SPEEDS UP TO 70 MPH.
00850.10	LEGEND MARKING TYPE A STANDARD HOT POURED THERMOPLASTIC 120 MILS	PERMALINE PRIMERLESS, LEADED	ENNIS PAINT 800/835-3357	02/10/00	1778	A	WHITE: 884029 NO PRIMER NEEDED. APPLY AT 120 MIL THICKNESS.
00850.10	LEGEND MARKING TYPE B STANDARD PREFORMED THERMOPLASTIC 125 MILS	HOTAPE	FLINT TRADING-LKF DIV OF FLINT 336/475-6600 GARY BANTIN 208/870-8505	08/10/06	703	A	HEAT PAVEMENT PRIOR TO INSTALL
00850.10	LEGEND MARKING TYPE B STANDARD PREFORMED THERMOPLASTIC 125 MILS	PREMARK PLUS	FLINT TRADING-LKF DIV OF FLINT 336/475-6600 GARY BANTIN 208/870-8505	07/08/04	2230	A	DID GOOD ON OUR TEST DECK 9/99 NAME CHANGED FROM OTD-3.
00850.10	LEGEND MARKING TYPE B STANDARD PREFORMED THERMOPLASTIC 125 MILS	PREMARK VIZIGRIP	FLINT TRADING-LKF DIV OF FLINT 336/475-6600 GARY BANTIN 208/870-8505	12/11/03	2474	A	PREFORMED THERMOPLASTIC. SIMILAR TO PREMARK PLUS BUT HAS ADDITIONAL SKID RESISTANT PARTICLES.
00850.10	LEGEND MARKING TYPE B HS HIGH SKID PREFORMED THERMOPLASTIC 125 MILS	PREMARK VIZIGRIP	FLINT TRADING-LKF DIV OF FLINT 336/475-6600 GARY BANTIN 208/870-8505	12/11/03	2474	А	PREFORMED THERMOPLASTIC. SIMILAR TO PREMARK PLUS BUT HAS ADDITIONAL SKID RESISTANT PARTICLES.

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00850.10	LEGEND MARKING TYPE C STANDARD COLD APPLIED PLASTIC FILM (TAPE)	3-M STAMARK 380I SERIES WHITE: 380I	3-M COMPANY 800/362-3455 SPENCER CANTWELL 541/390-1759 TRAFFIC CONTROL MATERIALS DIV. 800/553-1380	02/08/01	679	 A	18 MONTH WARRANTY - COMPLETE REPLACEMENT BY MANUFACTURER. NOT FOR TRANSVERSE MARKINGS.
00851.10	TAPE, PERMANENT STRIPING PATTERNED HOT INLAID & GROOVED	3-M STAMARK 380I SERIES WHITE: 380I & YELLOW: 381I	3-M COMPANY 800/362-3455 SPENCER CANTWELL 541/390-1759 TRAFFIC CONTROL MATERIALS DIV. 800/553-1380	07/13/00	679	A	CERAMIC BEADS. LAYDOWN IS IMPORTANT FOR ADHESION. GRIND- IN OR ROLLED-IN ARE THE ONLY METHODS APPROVED.
00851.10	TAPE, PERMANENT STRIPING PATTERNED, CONTRAST HOT INLAID & GROOVED	3-M STAMARK 380-5	3-M COMPANY 800/362-3455 SPENCER CANTWELL 541/390-1759 TRAFFIC CONTROL MATERIALS DIV. 800/553-1380	07/13/00	1410	A	CONTRAST TAPE WITH BLACK ON EACH SIDE OF 4" WHITE.
00862.10	TRAFFIC LINE, DURABLE - A METHOD A THERMOPLASTIC, LEAD FREE 90 AND 120 MILS W/BUMPS.	RAINLINE WHITE:RLOR-1W; YELLOW:RLOR-1Y	RAINLINE CORP 334/277-0237 MAC MARCATO 800/844-0297	07/13/06	1166	A	REMOVE EXISTING LINE PER MFG. A GEAR IS RUN OVER WET LINE FLAT LINE WITH BUMPS
00862.10	TRAFFIC LINE, DURABLE - A METHOD A THERMOPLASTIC, LEADED 90 AND 120 MILS	AQUALITE - WHITE (884411)	ENNIS PAINT 800/835-3357	12/11/97	1348	A	THERMOPLASTIC LINE WITH BUMPS
00862.10	TRAFFIC LINE, DURABLE - A METHOD A THERMOPLASTIC, LEADED 90 AND 120 MILS	AQUALITE - YELLOW (885296)	ENNIS PAINT 800/835-3357	12/11/97	1348	A	THERMOPLASTIC LINE WITH BUMPS
00862.10	TRAFFIC LINE, DURABLE - A METHOD A THERMOPLASTIC, LEADED 90 AND 120 MILS	VIBRALINE	BRITE-LINE 877/375-1293 BILL JUBAK 440/926-0013	03/10/05	1347	A	THERMOPLASTIC LINE WITH BUMPS. REMOVE EXISTING LINE. CAN GIVE GOOD WET WEATHER DRIVABILITY AND RUMBLE EFFECT
00862.10	TRAFFIC LINE, DURABLE - B METHOD B THERMOPLASTIC, LEAD FREE 90 AND 120 MILS	RAINLINE WHITE:RLOR-1W; YELLOW:RLOR-1Y	RAINLINE CORP 334/277-0237 MAC MARCATO 800/844-0297	07/13/06	1166	A	REMOVE EXISTING LINE PER MFG. A GEAR IS RUN OVER WET LINE FLAT LINE
00862.10	TRAFFIC LINE, DURABLE - B METHOD B THERMOPLASTIC, LEADED 90 AND 120 MILS	AQUALITE - WHITE (884411)	ENNIS PAINT 800/835-3357	12/11/97	1348	A	THERMOPLASTIC LINE - FLAT

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00862.10	TRAFFIC LINE, DURABLE - B METHOD B THERMOPLASTIC, LEADED 90 AND 120 MILS	AQUALITE - YELLOW (885296)	ENNIS PAINT 800/835-3357	12/11/97	1348	 А	THERMOPLASTIC LINE - FLAT
00862.10	TRAFFIC LINE, DURABLE - B METHOD B THERMOPLASTIC, LEADED 90 AND 120 MILS	PERMALINE - WHITE (884029) PRIMERLESS	ENNIS PAINT 800/835-3357	03/10/05	1778	A	MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. 90 & 120 MILS AS SPECIFIED.
00862.10	TRAFFIC LINE, DURABLE - B METHOD B THERMOPLASTIC, LEADED 90 AND 120 MILS	PERMALINE - YELLOW (884093) PRIMERLESS	ENNIS PAINT 800/835-3357	03/10/05	1778	A	MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. 90 & 120 MILS AS SPECIFIED.
00862.10	TRAFFIC LINE, DURABLE - B METHOD B THERMOPLASTIC, LEADED 90 AND 120 MILS	VIBRALINE	BRITE-LINE 877/375-1293 BILL JUBAK 440/926-0013	03/10/05	1347	A	THERMOPLASTIC LINE WITH BUMPS. REMOVE EXISTING LINE.
00862.10	TRAFFIC LINE, DURABLE - C METHOD C THERMOPLASTIC, LEAD FREE INVERTED PROFILE	RAINLINE WHITE:RLOR-1W; YELLOW:RLOR-1Y	RAINLINE CORP 334/277-0237 MAC MARCATO 800/844-0297	03/10/05	1166	A	REMOVE EXISTING LINE PER MFG. A GEAR IS RUN OVER WET LINE. GOOD WET WEATHER REFLECTIVITY.
00862.10	TRAFFIC LINE, DURABLE - C METHOD C THERMOPLASTIC, LEADED	AQUALITE - WHITE (884411)	ENNIS PAINT 800/835-3357	12/11/97	1348	A	THERMOPLASTIC LINE-FLAT INLAID
00862.10	TRAFFIC LINE, DURABLE - C METHOD C THERMOPLASTIC, LEADED	AQUALITE - YELLOW (885296)	ENNIS PAINT 800/835-3357	12/11/97	1348	A	THERMOPLASTIC LINE-FLAT INLAID
00862.10	TRAFFIC LINE, DURABLE - C METHOD C THERMOPLASTIC, LEADED	PERMALINE - WHITE (884029) PRIMERLESS	ENNIS PAINT 800/835-3357	03/10/05	1778	A	MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. MILS AS SPECIFIED.
00862.10	TRAFFIC LINE, DURABLE - C METHOD C THERMOPLASTIC, LEADED	PERMALINE - YELLOW (884093) PRIMERLESS	ENNIS PAINT 800/835-3357	03/10/05	1778	A	MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. MILS AS SPECIFIED.

PAGE 78

ODOT CONSTRUCTION/MATERIALS SECTION QUALIFIED PRODUCTS LIST APPROVED LIST - NO SAMPLES OR TESTS REQUIRED* QUALIFIED LIST - ADDITIONAL REQUIREMENTS** JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00862.10	TRAFFIC LINE, DURABLE - C METHOD C THERMOPLASTIC, LEADED	VIBRALINE	BRITE-LINE 877/375-1293 BILL JUBAK 440/926-0013	03/10/05	1347	A	THERMOPLASTIC LINE WITH BUMPS. REMOVE EXISTING LINE.
00862.10	TRAFFIC LINE, DURABLE - D METHOD D THERMOPLASTIC, LEAD FREE INVERTED PROFILE	RAINLINE WHITE:RLOR-1W; YELLOW:RLOR-1Y	RAINLINE CORP 334/277-0237 MAC MARCATO 800/844-0297	03/10/05	1166	А	REMOVE EXISTING LINE PER MFG. A GEAR IS RUN OVER WET LINE. GOOD WET WEATHER REFLECTIVITY.
00862.10	TRAFFIC LINE, DURABLE - E METHOD E THERMOPLASTIC, LEAD FREE INVERTED PROFILE	RAINLINE WHITE:RLOR-1W; YELLOW:RLOR-1Y	RAINLINE CORP 334/277-0237 MAC MARCATO 800/844-0297	03/10/05	1166	А	REMOVE EXISTING LINE PER MFG. A GEAR IS RUN OVER WET LINE. GOOD WET WEATHER REFLECTIVITY.
00862.10	TRAFFIC LINE, DURABLE - F METHOD F THERMOPLASTIC, LEADED	PERMALINE - YELLOW (884093) PRIMERLESS	ENNIS PAINT 800/835-3357	11/08/07	1778	А	
00862.10	TRAFFIC LINE, DURABLE - F METHOD F THERMOPLASTIC, LEADED 90 AND 120 MILS	PERMALINE - WHITE (884150) PRIMERLESS	ENNIS PAINT 800/835-3357	03/10/05	1778	A	MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. 90 & 120 MILS AS SPECIFIED.
00862.10	TRAFFIC LINE, DURABLE - F METHOD F THERMOPLASTIC, LEADED 90 AND 120 MILS	PERMALINE - YELLOW (884153) PRIMERLESS	ENNIS PAINT 800/835-3357	03/10/05	1778	А	MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. 90 & 120 MILS AS SPECIFIED.
00862.10	TRAFFIC LINE, DURABLE - G METHOD G THERMOPLASTIC, LEAD FREE INV PROF, INLAID, WAFFLE	RAINLINE INLAID DOMES WHITE:RLOR-1W; YELLOW:RLOR-1Y	RAINLINE CORP 334/277-0237 MAC MARCATO 800/844-0297	01/12/06	1166	A	INLAID W AND W/O BUMPS. A GEAR IS RUN OVER WET LINE. GOOD WET WEATHER REFLECTIVITY.
00864.10	TRAFFIC LINE, HI PERF METHOD 1A MODIFIED URETHANE	HPS-4	IPS 877/477-7623 ENNIS PAINT 503/569-0332	12/08/05	1979	Q	TESTED IN R-4 AND R-5 WITH GOOD SUCCESS.
00907.10	BIRD SPIKES	BIRD SPIKE 2001	BIRD-B-GONE 800/392-6915	02/14/02	2523	A	STAINLESS STEEL VERSION.

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00907.10	BIRD SPIKES	NIXALITE MODEL S	NIXALITE OF AMERICA INC. 800/624-1189	02/14/02	2522	 А	STAINLESS STEEL VERSION.
00930.00	SIGN SUPPORT, SQUARE TUBE (REPLACEMENT FOR WOOD)	SQUARE VALUE SIGN SUPPORT	ST LOUIS STEEL 314/731-8000 TRAFFIC SAFETY 800/547-8518	07/13/00	2194	A	FOR USE AS A SUBSTITUTE SUPPORT FOR SIGNS USING WOOD POSTS ONLY.
00930.00	SIGN SUPPORT, SQUARE TUBE (REPLACEMENT FOR WOOD)	TEL SQUARE BREAKAWAY ASSEMBLY	S-SQUARE TUBE PRODUCTS 888/267-6463 NAVIGATIONAL SUPPLY 541/504-7840	02/12/98	1654	A	FOR USE AS A SUBSTITUTE SUPPORT FOR SIGNS USING WOOD POSTS ONLY.
00930.00	SIGN SUPPORT, SQUARE TUBE (REPLACEMENT FOR WOOD) REGULAR	TELESPAR SLIP BASE BREAKAWAY ASSEMBLY	UNISTRUT HERB HENRY 313/721-4040 JAIME CERVANTES 888-512-0781	05/13/93	981	A	FOR USE AS A SUBSTITUTE SUPPORT FOR SIGNS USING WOOD POSTS ONLY.
00930.00	SIGN SUPPORT, SQUARE TUBE (REPLACEMENT FOR WOOD) REGULAR	ULTIMATE	ULTIMATE HIGHWAY PRODUCTS NICK CALVI 800/730-4939	04/10/97	1613	A	FOR USE AS A SUBSTITUTE SUPPORT FOR SIGNS USING WOOD POSTS ONLY.
00990.43	TRAFFIC LOOP SEALANTS EPOXY	EAS-14	QCM COMPANY 800/321-0170 930 S. CENTRAL KENT, WA 98052	05/01/88	762	A	AC OR PCC. EPOXY. TYPES 1 & 2; FOR HILLS & FLAT GRADES. DAMP BUT NOT WET. SPECS REQ. 1 YR WARRANTY PAST JOB ACCEPTANCE.
00990.43	TRAFFIC LOOP SEALANTS EPOXY	PG 3-52-1	PERMAGILE INDUSTRIES TED POPPE 800/645-7546 REP: DAVE CORBETT 253/838-4407 WHITE CAP 503/287-4151	05/01/88	657	A	FOR PCC OR AC. FLEXIBLE EPOXY. SURFACES: CLEAN, SOLID, & DRY. AIR 40+ DEGREES. SPECS REQ 1 YR WARRANTY PAST JOB ACCEPTNCE
00990.43	TRAFFIC LOOP SEALANTS HOT MELT ASPHALT	BJ SUPER	DYNAMIC SURFACE APPLICATIONS 800/491-5663 NORTHWEST JOINTS 503/703-0765 WAS LAFARGE NOW DSA	05/13/04	2926	A	POLYMER MODIFIED ASHPALTIC BINDER.
00990.43	TRAFFIC LOOP SEALANTS HOT MELT ASPHALT	CRAFCO 34271 LOOP SEALANT	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	02/10/00	143	A	AC OR PCC.HOT MELT, RUBBERIZED ASPHALT. HI TEMP CAN MELT WIRE INSULATION. CLEAN & DRY. (WAS DISTRIBUTED BY MSI)

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00990.43	TRAFFIC LOOP SEALANTS HOT MELT ASPHALT	DURAFLEX DETECTOR LOOP SEALANT #760	HENRY CO. 800/851-1131 ALPINE PRODUCTS 800/591-9466 916/849-9908	08/14/03	2804	 А	
00990.46	FIRE PRE-EMPT DEVICE	OPTICOM MODELS 752, 711, 721, 722	3-M COMPANY 800/362-3455 ALAN HOLLEN 503/789-0197 ADVANCED TRAFFIC PRODUCTS 800/690-4287	05/01/88	1077	Q	THIS IS A STROBE LIGHT TYPE. CHAMBER TESTING REQUIRED. CONTACT TRAFFIC MANAGEMENT.
00990.46	FIRE PRE-EMPT DEVICE	STROBECOM II MODELS 2140 AND 2090	TOMAR ELECTRONICS, INC. 800/338-3133 BILL BROWN 909/699-3102 MCCAIN 503/362-1054	03/11/04	1887	Q	STROBE ENABLES EMERGENCY EQUIP TO PASS INTERSECTION. VEHICLE SENSITIVE. CHAMBER TESTING REQUIRED. CONTACT TRAFFIC MGT.
01040.15	COMPOST	NATURE'S OWN LIVING HUMUS	NATURE'S NEEDS 503/647-9489	04/14/05	2947	А	
01040.15	SOIL CONDITIONER ORGANIC	KIWI POWER	QUATTRO ENVIRONMENTAL 619/522-0044	11/08/01	2442	A	USED ON WINCHESTER SLIDE REVEG AND CAPE COVE SLIDE, AND LINN DUTTON ROD PROJECTS.
01040.17	BIO SOIL AMENDMENT	NATURE'S OWN LIVING HUMUS	NATURE'S NEEDS 503/647-9489	04/14/05	2947	A	
01040.21	HERBICIDES	BIOBARRIER II WEED CONTROL	REEMAY, INC., OLD HICKORY, TN 615/847-7000	05/18/98	1627	А	PROD. IS FABRIC, INCORPERATING HERBICIDE NODULES AT INTERVALS PROD. IS UV SENSITIVE, AND MUST BE COVERED WITH 2"OF COVER MTL
01040.21	HERBICIDES	BIOBARRIER ROOT CONTROL	REEMAY, INC., OLD HICKORY, TN 615/847-7000	05/18/98	1626	A	PRODUCT GUARANTEED, 15 YRS. PROD. IS TIME-RELEASED HERB- ICIDE NODULES,IMBEDDED AT REGULAR INTERVALS IN FABRIC.
01040.21	SOIL STERILIZATION	CASORON (GRANULAR)	THOMPSON-HAYWARD CO. P.O. BOX 14, HWY 30 ST. GABRIEL, LA 70776	05/01/88	1387	А	FOLLOW MFG INSTRUCTIONS FOR APPLICATION. DO NOT OVER APPLY.

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01040.21	SOIL STERILIZATION	NOROSAC 4G	P.B.I. GORDON CHEMICALS	05/01/88	1388	 А	FOLLOW MFG INSTRUCTIONS FOR APPLICATION.
01040.22	MOISTURE RETENTION CHEMICAL - FOR SOIL	SOIL MOIST - POLYMER	JRM CHEMICAL DIVISION 1675 MARYLHURST DR WEST LINN, OR 97068 503/636-8849	11/09/06	446	A	ACRYLIC POLYMER REDUCE WATERINGS BY 50% INTENDED FOR PLANTING IN LOW MOISTURE AREAS.
01070.00	MAILBOX SUPPORTS	T&T MAILBOX SUPPORT	TRAFFIC SAFETY/TAPCO 800/547-8518	07/14/05	3166	A	SLIGHT MODIFICATION OF TAPCO SUPPORT BY TRAFFIC SAFETY TO MEET THE REQUIREMENTS IN OUR STANDARD DRAWING # RD100.
01092.10	SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL	DOWN STREAM DEFENDER	HYDRO INTERNATIONAL 206/854-9615	07/10/08	2001	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
02010.10	CEMENT, TYPE I	DAEWOO CEMENT (SHANDONG)	GLACIER NORTHWEST 503/335-2600	05/11/06	3320	A	
02010.10	CEMENT, TYPE I	GLACIER NORTHWEST - ONODA	GLACIER NORTHWEST 503/335-2600 (WAS LONESTAR NORTHWEST)	12/12/96	1619	A	AASHTO TYPE I ONLY SOURCE: ONODA (NANJING).
02010.10	CEMENT, TYPE I	GLACIER NW- CHIA HSIN JINGYANG	GLACIER NORTHWEST 503/335-2600	02/09/06	3282	A	AASHTO TYPE I ONLY.
02010.10	CEMENT, TYPE I	NEVADA CEMENT	NEVADA CEMENT 775/575-2281 LAKEVIEW REDIMIX 541/947-2212	01/12/06	3229	A	SUBSTANCIALLY MET AASHTO M85 TYPE I, DID NOT MEET TYPE II REQUIREMENTS.
02010.10	CEMENT, TYPE I-S	LAFARGE MAXCEM (30%)	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	09/08/05	3021	A	SLAG MODIFIED - SEATTLE PLANT. TYPE 1 CEMENT WITH 30% SLAG.

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02010.10	CEMENT, TYPE I-SM	LAFARGE MAXCEM (20%)	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	02/14/02	2298	 А	SLAG MODIFIED - SEATTLE PLANT. TYPE 1 CEMENT WITH 20% SLAG.
02010.10	CEMENT, TYPE III	LAFARGE CEMENT - KAMLOOPS	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	01/11/96	1475	A	KAMLOOPS PLANT AASHTO TYPE III
02010.10	CEMENT, TYPE III	SIAM CEMENT - TYPE III TA LUANG PLANT - THAILAND	GLACIER NORTHWEST 503/335-2600	07/14/05	2568	A	
02010.10	CEMENT, TYPE IP	LAFARGE CEMENT - SEATTLE	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	12/09/99	1970	A	
02010.10	CEMENT, TYPES I	ASH GROVE - CHIA HSIN JINGYANG	ASHGROVE CEMENT CO. 206/623-5596	05/10/07	3465	A	AASHTO TYPE I ONLY.
02010.10	CEMENT, TYPES I, II	LAFARGE CEMENT - EXSHAW	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	01/11/96	1475	А	EXSHAW PLANT: AASHTO TYPE I,II
02010.10	CEMENT, TYPES I, II	LAFARGE SHANSHI TYPE I-II	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	06/08/06	3315	A	
02010.10	CEMENT, TYPES I, II	LEHIGH CEMENT-DELTA WAS CALAVARAS THEN TILBURY	LEHIGH NORTHWEST CEMENT CO. 503/293-8459 JIM RENNIE 604/946-0411	01/07/98	1746	А	DELTA BC PLANT.
02010.10	CEMENT, TYPES I, II	TRIDENT CEMENT (TRIDENT MT)	HOLCIM CEMENT 406/285-3990 LAFARGE CEMENT 206/923-9953	08/12/04	2993	А	

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02010.10	CEMENT, TYPES I, II, III	ASH GROVE CEMENT - DURKEE	ASHGROVE CEMENT CO. 206/623-5596	01/14/99	1472	 A	DURKEE PLANT ONLY. AASHTO TYPES I, II, & III.
02010.10	CEMENT, TYPES I, II, III	ASH GROVE CEMENT - SEATTLE	ASHGROVE CEMENT CO. 206/623-5596	01/11/96	1472	A	SEATTLE PLANT ONLY. AASHTO TYPES I, II, III
02010.10	CEMENT, TYPES I, II, III	LAFARGE CEMENT - RICHMOND BC	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	12/09/99	1968	A	
02010.10	CEMENT, TYPES I, II, III	LAFARGE CEMENT - SEATTLE	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	12/09/99	1969	A	
02010.10	CEMENT, TYPES I, II, III	LEHIGH CEMENT-REDDING WAS CALAVARAS THEN TILBURY	LEHIGH SOUTHWEST CEMENT CO. REDDING 530/275-1581	01/11/96	1473	А	REDDING CALIFORNIA PLANT ONLY. AASHTO TYPES I,II,III
02010.10	CEMENT, TYPES I, III	GLACIER NW CEMENT - DALIAN	GLACIER NORTHWEST 503/335-2600 (WAS LONESTAR NORTHWEST)	03/09/00	2207	А	AASHTO TYPE I AND III.
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS	CHEMPATCH V/O 1	CHEMMASTERS 800/486-7866 UNITED RENTALS 503/234-0255	12/14/06	3290	А	POLYMER MODIFIED
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS	SPEED CRETE GREEN LINE	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/09/03	206	A	MINIMUM THICKNESS: 1 INCH.
02010.10	PCC PATCHING, RAPID SET EPOXY	PERMATOP LIQUID BINDER	PERMAGILE INDUSTRIES TED POPPE 800/645-7546 REP: DAVE CORBETT 253/838-4407 WHITE CAP 503/287-4151	05/01/88	658	A	FIELD EVALUATION TWO PART EPOXY MIXED W/SAND CAN BE FEATHERED TO 0, BUT WATCH STRENGTH.

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02010.10	PCC PATCHING, RAPID SET POLYESTER	PPC 1121 ODOT	KWIK BOND POLYMERS AL KLAIL 866/434-1772	02/14/08	2596	 А	MULTI PART SYSTEM.
02010.10	PCC PATCHING, VERTICAL CEMENTITIOUS	ALLCRETE 20 (FORMERLY ALLCRETE 20)	CHEMREX 800/243-6739 BRUCE JACKSON 503/722-4101	05/01/88	92	A	COSMETIC SURFACE REPAIRS ONLY.
02010.10	PCC PATCHING, VERTICAL CEMENTITIOUS	CHEMPATCH V/O 1	CHEMMASTERS 800/486-7866 UNITED RENTALS 503/234-0255	12/14/06	3290	А	POLYMER MODIFIED
02010.10	PCC PATCHING, VERTICAL CEMENTITIOUS	MBT LA REPAIR MORTAR WAS FOSROC RENDEROC LA	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/14/07	611	A	REPAIRS DAMAGED, DEFECTIVE, HONEYCOMBED OR DETERIORATED CONC. BY PARTIAL OR TOTAL RE- PLACEMENT.
02010.10	PCC PATCHING, VERTICAL CEMENTITIOUS, MODIFIED	THOROC HBA REPAIR MORTAR WAS FOSROC RENDEROC HBA	CHEMREX 800/243-6739 BRUCE JACKSON 503/722-4101	05/01/88	216	А	COSMETIC SURFACE REPAIRS ONLY.
02010.10	PCC PATCHING, VERY RAPID CEMENTITIOUS	FIVE STAR HWY PATCH	FIVE STAR PRODUCT 800/243-2206 CHRIS PIEKOS 360/647-2606 WILLIAMS CONCRETE 800/255-0560 MASONS SUPPLY 800/537-3407	05/01/88	65	A	CURES MUCH SLOWER IN COLD WEATHER. PROBABLY SHOULD BE 50 DEGRESS F. OR BETTER.
02010.10	PCC PATCHING, VERY RAPID CEMENTITIOUS	MBT SET 45	BASF 952/496-6000 BRUCE JACKSON 503-722-4101	06/14/07	655	A	DO NOT USE UNDER LATEX OR POLYESTER-RESIN CONCR OVERLAYS HOT WEATHER FORMULA >70 DEG F. MAGNESIUM PHOSPHATE.
02010.10	PCC PATCHING, VERY RAPID CEMENTITIOUS	MBT THOROC 10-60 RAPID MORTAR WAS PATCHROC 10-60	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/14/07	839	A	MINIMUM 0.5" DEEP. MFG CLAIMS AT LEAST 2000 PSI IN 1 HOUR. WORKING TIME IS 16 MINUTES @70 DEGREES F. NO FEATHER EDGING.
02010.10	PCC PATCHING, VERY RAPID CEMENTITIOUS	SPEED CRETE 2028	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/09/03	1790	A	MINIMUM THICKNESS: 1/2 INCH.

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02010.10	PCC PATCHING, VERY RAPID POLYMERIC CEMENT	TECTONITE CEMENT	CFB 541/475-1019 WILLIAMS CONCRETE 800/255-0560 MUNNELL SHERRILL 541/882-2581	08/10/00	1585	 А	MUST BE 0.25" MIN. THICK VERY FAST SETTING, HIGH EARLY STRENGTH MFG CLAIMS 3000 PSI IN 20-MIN. CONTROLLABLE SET.
02010.20	POLYMER OVERLAY FOR PCC EPOXY	FLEXOLITH WAS FLEXOLITH 216	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/10/08	230	A	USED ON SE UMATILLA RVR XING. BR.#16444, CONT.#C10387 6/87. RESEARCH PROJECT 2007. USE 3-M INDAG #8 BASALT.
02030.10	MODIFIER-FLY ASH(CLASS C)	CLASS C FLY ASH - BOARDMAN MUST COME FROM BOARDMAN PLANT.	BORAL MATERIALS 210/349-4069	01/16/95	1463	A	MEETS AASHTO M295 WITH ODOT MODIFICATIONS.
02030.10	MODIFIER-FLY ASH(CLASS C)	HEADWATERS - DAVE JOHNSTON	HEADWATERS RESOURCES 253/981-3043	05/10/07	3480	А	DISTRIBUTED FROM CENTRALIA. COMES FROM GLENROCK WY.
02030.10	MODIFIER-FLY ASH(CLASS C)	HEADWATERS - JE CORETTE	HEADWATERS RESOURCES 253/981-3043	05/10/07	3479	A	DISTRIBUTED FROM CENTRALIA. COMES FROM BILLINGS MT.
02030.10	MODIFIER-FLY ASH(CLASS C)	HEADWATERS - POWDER RIVER	HEADWATERS RESOURCES 253/981-3043	05/10/07	3448	А	DISTRIBUTED FROM CENTRALIA.
02030.10	MODIFIER-FLY ASH(CLASS F)	CENTRALIA FLY ASH - LAFARGE F	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	05/08/08	3621	А	MEETS OUR REQUIREMENTS
02030.10	MODIFIER-FLY ASH(CLASS F)	CLASS F FLY ASH - CENTRALIA MUST COME FROM CENTRALIA, WA.	HEADWATERS RESOURCES 253/981-3043	01/12/06	1462	Α	MEETS AASHTO M295 WITH ODOT MODIFICATIONS. WAS POZZOLANIC NW UNTIL 3/98. WAS ISG UNTIL 4/05.
02030.10	MODIFIER-FLY ASH(CLASS F)	COAL CREEK FLY ASH	HEADWATERS RESOURCES 253/981-3043	05/11/06	3305	A	MEETS AASHTO M295 WITH ODOT MODIFICATIONS.

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02030.10	MODIFIER-FLY ASH(CLASS F)	GENESEE FLY ASH	EPOR INC. 780/412-3489 ENX INC. 780/454-4199	08/12/04	2999	А А	
02030.10	MODIFIER-FLY ASH(CLASS F)	HEADWATERS - HW PIRKEY	HEADWATERS RESOURCES 253/981-3043	05/10/07	3496	A	DISTRIBUTED FROM TERMINALS IN IDAHO. COMES FROM HALLSVILLE TEXAS UNIT #1.
02030.10	MODIFIER-FLY ASH(CLASS F)	HEADWATERS - JIM BRIDGER ASH	HEADWATERS RESOURCES 253/981-3043	03/08/07	3449	A	
02030.10	MODIFIER-FLY ASH(CLASS F)	HEADWATERS CENTRALIA ASH W/KAO POWDER RIVER ASH WITH KAOLIN	HEADWATERS RESOURCES 253/981-3043	06/14/07	3495	A	DISTRIBUTED FROM CENTRALIA.
02030.10	MODIFIER-FLY ASH(CLASS F)	MICRON3	BORAL MATERIALS 210/349-4069	07/14/05	3095	А	ULTRA FINE GRIND. TYPE F.
02030.10	MODIFIER-FLY ASH(CLASS F)	SUNDANCE CLASS F FLY ASH	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	05/08/08	3634	A	
02030.10	MODIFIER-FLY ASH(CLASS F)	WABAMUN FLY ASH	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	07/12/07	3528	A	WABAMUN, ALBERTA; CANADA.
02030.20	MODIFIER - SILICA FUME (MICROSILICA)	GRACE FORCE 10,000D	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	12/09/04	305 4	A	
02030.20	MODIFIER - SILICA FUME (MICROSILICA)	RHEOMAC SF-100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503-329-7232	10/12/06	3053	A	

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02030.30	MODIFIER - LATEX ADMIX FOR DECK OVERLAY	DOW CONCRETE MODIFIER A	DOW CHEMICAL 800/232-2346 SALZBURG RD. MIDLAND, MICHIGAN 48640 800/447-4369	05/01/88	1305	 А	SUBMIT AS PART OF MIX DESIGN REQUEST THRU MATERIALS LAB.
02030.30	MODIFIER - LATEX ADMIX FOR DECK OVERLAY	STYROFAN 1186	BASF CORP, CHEMICALS DIV. 615/855-2300 800/251-0612	05/01/88	566	A	SUBMIT AS PART OF MIX DESIGN REQUEST THRU MATERIALS LAB.
02030.30	MODIFIER - LATEX ADMIX FOR DECK OVERLAY	TYLAC 97-314	DOW REICHHOLD SPECIALTY LATEX RESEARCH TRIANGLE PRK,NC 27709 800/323-8138 800/555-2731 JIM SULLIVAN 206/282-9759	05/01/88	2032	A	SUBMIT AS PART OF MIX DESIGN REQUEST THRU MATERIALS LAB.
02030.40	MODIFIER - GGBF (SLAG)	LAFARGE NEWCEM	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	09/08/05	3022	A	GROUND GRANULATED BLAST FURNACE SLAG.
02030.50	MODIFIER - METAKAOLIN HI REACTIVITY	POWER POZZ	GRACE DAVISON 803/648-9575 ADVANCED CEMENT TECHNOLOGIES KEN MCPHALEN 360/332-7060	04/10/08	2676	Q	
02030.50	MODIFIER - METAKAOLIN HI REACTIVITY	WHITEMUDMK	WHITEMUD RESOURCES, INC. 403/517-0040	06/12/08	3626	Q	
02040.10	AIR ENTRAINING AGENT	AIR TITE 60 NOW CALLED DARAVAIR AT60	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/09/97	1599	A	CONFORMS TO AASHTO M154
02040.10	AIR ENTRAINING AGENT	DARAVAIR 1000	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	04/11/02	2557	A	CONFORMS TO AASHTO M154
02040.10	AIR ENTRAINING AGENT	DARAVAIR AT30	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/33-0023	05/10/07	3491	A	CONFORMS TO AASHTO M154

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02040.10	AIR ENTRAINING AGENT	DARAVAIR AT60 WAS AIR TITE 60	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	07/06/01	1599	 А	CONFORMS TO AASHTO M154
02040.10	AIR ENTRAINING AGENT	DAREX II AEA	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	06/10/93	1035	A	MFG HAS SUBMITTED TEST RESULTS CONFORMING TO ASTM C-260. USES ORGANIC ACID SALTS IN AN AQUEOUS SOLUTION.
02040.10	AIR ENTRAINING AGENT	FRITZ-PAK AIR PLUS	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	07/08/93	1040	A	DRY, POWDERED AEA ADMIX. 236ML UPS FULL LOAD 1/4 TO 1%. COMPATIBLE W/ALL AEA + CACL. ADD OTHER ADMIX. SEPARATELY.
02040.10	AIR ENTRAINING AGENT	FRITZ-PAK SUPER AIR PLUS	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	07/08/93	1041	А	DRY, POWDERED AEA ADMIX. 236ML UPS FULL LOAD 3/4 TO 2%. COMPATIBLE W/ALL AEA + CACL. ADD OTHER ADMIX SEPARATELY.
02040.10	AIR ENTRAINING AGENT	MB-AE 90	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	1163	A	INCREASES RESISTANCE TO FREEZE /THAW DAMAGE, ALSO INCREASES WATERTIGHTNESS BY REDUCING PERMEABILITY. MTS AASHTO M 154
02040.10	AIR ENTRAINING AGENT	MB-VR	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	2047	A	CONFORMS TO AASHTO M154 (ASTM C260)
02040.10	AIR ENTRAINING AGENT	MICRO AIR	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	2957	A	CONFORMS TO AASHTO M154 (ASTM C260)
02040.10	AIR ENTRAINING AGENT	PAVE-AIR	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	1358	A	CONFORMS TO AASHTO M154 (ASTM C260)
02040.10	AIR ENTRAINING AGENT	POLYCHEM AE	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	11/14/02	2545	A	CONFORMS TO AASHTO M154 (ASTM C260)

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02040.10	AIR ENTRAINING AGENT	SIKA AIR	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3243	а А	CONFORMS TO AASHTO M154 (ASTM C260)
02040.10	AIR ENTRAINING AGENT AEA	EUCON AEA 92	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	09/09/04	2257	A	CONFORMS TO AASHTO M154
02040.10	AIR ENTRAINING AGENT AEA	EUCON AIR 40 WAS BORAL AIR 40	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	05/14/98	1741	А	LIQUID ADDITIVE, SAID BY MANUF.TO REDUCE PERMEABILITY, & ENHANCE FREEZE/THAW & DE-ICE CAPABILITY OF CONCRETE.
02040.10	AIR ENTRAINING AGENT AEA	EUCON AIR MIX 200	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	09/09/04	2256	A	CONFORMS TO AASHTO M154
02040.10	SUPER SET-EXTENDER CONCRETE ADMIXTURE	DELVO STABILIZER	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	751	Q	FOR USE AS SET EXTENDER ONLY. WRITTEN APPROVAL FROM THE MATERIALS LABORATORY FOR BRIDGE DECKS AND OVERLAYS.
02040.10	SUPER SET-EXTENDER CONCRETE ADMIXTURE	RECOVER	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-00238	12/09/04	1521	Q	FOR USE AS SET EXTENDER ONLY. WRITTEN APPROVAL FROM THE MATERIALS LABORATORY FOR BRIDGE DECKS AND OVERLAYS.
02040.10	TYPE A ADMIXTURE WATER REDUCER	DARACEM 19	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	02/13/97	1565	A	CONFORMS TO AASHTO M194 (ASTM C494) ALSO KNOWN AS WRDA 19
02040.10	TYPE A ADMIXTURE WATER REDUCER	DARACEM 55	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	03/09/95	1294	A	INDEPENDENT TEST RESULTS MEET OUR SPECIFICATIONS. ASTM C494 TYPE A
02040.10	TYPE A ADMIXTURE WATER REDUCER	DARACEM 65	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	08/08/96	1532	A	CONFORMS TO AASHTO M194 (ASTM C494)

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02040.10	TYPE A ADMIXTURE WATER REDUCER	EUCON HC WAS BORAL HC	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	02/11/99	1737	 А	PROD, A LIQUID ADDITIVE MEETS ASTM C-494, TYPE A FORMERLY KNOWN AS "RELCRETE TW-4."
02040.10	TYPE A ADMIXTURE WATER REDUCER	EUCON HW WAS BORAL HW	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	05/14/98	1736	A	ACCORDING TO MANUFACTURER, PROD.USE ALLOWS QUICK REMOVAL OF FORMS,IS DESIGNED FOR COLD WEATHER USE,WITH MIN.RETARDING
02040.10	TYPE A ADMIXTURE WATER REDUCER	EUCON LR WAS BORAL LR	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	07/12/01	1732	A	
02040.10	TYPE A ADMIXTURE WATER REDUCER	EUCON MR	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	01/12/06	2258	A	
02040.10	TYPE A ADMIXTURE WATER REDUCER	EUCON NW WAS BORAL NW	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	05/14/98	1733	A	ACCORDING TO MANUFACTURER, PROD. SHOWS AN "IMPROVED FLOW, AND INCREASED COHESION & PLACABILITY.
02040.10	TYPE A ADMIXTURE WATER REDUCER	EUCON RD2 WAS BORAL RD2	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	05/01/88	2049	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	EUCON SP150 WAS BORAL 150	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	05/01/88	2050	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	EUCON WR91	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	09/09/04	2259	A	CONFORMS TO AASHTO M194 (ASTM C 494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	EUCON X-15 WAS BORAL X-15	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	05/14/98	1731	A	PROD, A LIQUID ADDITIVE MEETS ASTM C-494, TYPE A

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02040.10	TYPE A ADMIXTURE WATER REDUCER	GLENIUM 7101	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	09/13/07	3484	 A	CONFORMS TO AASHTO M194 (ASTM C494) NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	TYPE A ADMIXTURE WATER REDUCER	GLENIUM 7500	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	09/13/07	3501	A	CONFORMS TO AASHTO M194 (ASTM C494) NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	TYPE A ADMIXTURE WATER REDUCER	КВ1000	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	11/14/02	2548	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	MASTERPAVE	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	1359	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	MASTERPAVE N	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	215	A	CONFORMS TO AASHTO M194 (ASTM C494) ON CONDITIONAL LIST SINCE 1988,WITH NO PROBLEMS.
02040.10	TYPE A ADMIXTURE WATER REDUCER	MELCHEM	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	04/14/05	2554	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	MIRA 92	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	08/12/04	2971	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	POLYCHEM 1000	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	11/14/02	2547	А	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	POLYCHEM 400 NC	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2549	A	CONFORMS TO AASHTO M194 (ASTM C494)

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02040.10	TYPE A ADMIXTURE WATER REDUCER	POLYCHEM VR	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	11/14/02	 2546	 А	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	POLYHEED 900	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	2903	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	POLYHEED 997	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	213	A	CONFORMS TO AASHTO M194 (ASTM C494) WAS POZZOLITH POLYHEED. 1/98 SIMILAR TO REGULAR POLYHEED.
02040.10	TYPE A ADMIXTURE WATER REDUCER	POLYHEED FC 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	1903	A	CONFORMS TO AASHTO M194 (ASTM C494) ALSO USED AS TYPE C AND E WATER REDUCING ACCELERATOR.
02040.10	TYPE A ADMIXTURE WATER REDUCER	POZZOLITH 200N	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	1428	A	CONFORMS TO AASHTO M194 (ASTM 494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	POZZOLITH 322N	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	2059	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	POZZOLITH 80	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	1477	A	CONFORMS TO AASHTO M194 (ASTM C494) SAME AS MBL 80, BUT MBL 80 IS NOT AVAILABLE ANYMORE 7/06.
02040.10	TYPE A ADMIXTURE WATER REDUCER	PS-1466	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072	10/12/06	3238	A	
02040.10	TYPE A ADMIXTURE WATER REDUCER	RHEOBUILD 1000	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	1353	А	CONFORMS TO AASHTO M194 (ASTM C494)

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02040.10	TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 2100	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3251	 А	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 4200	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3250	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 6100	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3252	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	SIKAMENT 686	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3249	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	SIKAMENT MP	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3248	А	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE A ADMIXTURE WATER REDUCER	WRDA 20	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/10/02	2484	А	CONFORMS TO AASHTO M194 TYPE A
02040.10	TYPE A ADMIXTURE WATER REDUCER	WRDA 27	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/10/02	2473	А	CONFORMS TO AASHTO M194 TYPE A
02040.10	TYPE A ADMIXTURE WATER REDUCER	WRDA 64	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/13/94	1078	А	THE MANUFACTURER SUBMITTED DOCUMENTATION INDICATING IT MEETS ASTM C-494.
02040.10	TYPE A ADMIXTURE WATER REDUCER	WRDA-79	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/01/88	2071	A	CONFORMS TO AASHTO M194 (ASTM C 494)

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02040.10	TYPE A ADMIXTURE WATER REDUCER	WRDA-82	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	08/08/91	771	 А	CONFORMS TO ASTM C 494. TESTS BEING PROCESSED TO CONFIRM SET RETARDATION WITH HIGHER DOSES.
02040.10	TYPE B ADMIXTURE SET RETARDER	DARATARD 17	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/01/88	1883	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE B ADMIXTURE SET RETARDER	DARATARD HC	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/01/88	2038	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE B ADMIXTURE SET RETARDER	PLASTIMENT	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	05/01/88	2051	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE B ADMIXTURE SET RETARDER	POZZOLITH 100XR	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	2055	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE B ADMIXTURE SET RETARDER	POZZOLITH 300R	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	2058	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE C ADMIXTURE ACCELERATOR	DARASET 200	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	11/10/99	1881	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE C ADMIXTURE NON CHLORIDE	POZZOLITH NC 534	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	1879	A	CONFORMS TO AASHTO M194 (ASTM C494);USING RIGHT ACCELERATOR, MAY SEE UP TO 3000 PSI IN ONE HOUR.
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	DCI	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	02/13/92	543	А	CALCIUM NITRATE SOLUTION FOR SET ACCELERATION ONLY. LONG TERM EFFECTS AS A CORROSION INHIBITOR UNKNOWN.

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02040.10	TYPE C ADMIXTURE SET ACCELERATOR	DRARASET 400	W.R. GRACE & CO. 800/753-9622 KEITH TERRILL 480/381-0780	02/14/08	3603	 А	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	EUCON ACN WAS BORAL ACN	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	07/12/01	1740	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	EUCON CIA	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	05/08/08	2262	A	MEETS ASTM C494
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	POLARSET	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	12/14/95	1406	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	POLYCHEM CI	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	02/13/03	2555	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	POLYCHEM NCA	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2552	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	POLYCHEM SUPER SET	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2551	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	POLYHEED FC 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	1903	A	CONFORMS TO AASHTO M194 (ASTM C494) ALSO USED AS TYPE A AND E WATER REDUCING ACCELERATOR.
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	POZZUTEC 20	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	212	A	CONFORMS TO AASHTO M194 (ASTM C494)

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02040.10	TYPE C ADMIXTURE SET ACCELERATOR	POZZUTEC 20+	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	2705	 А	CONFORMS TO AASHTO M194 (ASTM C494) NON CHLORIDE ACCEL AND POLYCARBOXYLATE DISPERSANT.
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	RHEOCRETE CNI	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	1880	A	CONFORMS TO AASHTO M194 (ASTM C494) HAS A CORROSION INHIBITOR.
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	SIKA CNI	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3253	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	SIKA RAPID 1	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3246	A	DO NOT USE WITH ANTI-SHRINK ADDITIVES. CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	SIKASET NC	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3247	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE D ADMIXTURE WATER REDUCER/RETARDER	EUCON WR91	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	09/09/04	2259	A	CONFORMS TO AASHTO M194 (ASTM C 494)
02040.10	TYPE D ADMIXTURE WATER REDUCER/RETARDER	FR - 1	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	07/13/00	2147	A	CONFORMS TO AASHTO M194 (ASTM C 494).
02040.10	TYPE D ADMIXTURE WATER REDUCING RETARDER	DARATARD 17	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/01/88	1883	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE D ADMIXTURE WATER REDUCING RETARDER	DARATARD HC	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/01/88	2038	A	CONFORMS TO AASHTO M194 (ASTM C494)

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON LR WAS BORAL LR	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	09/13/01	1732	A	
02040.10	TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON RETARDER 100	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	09/09/04	2255	A	CONFOMRS TO AASHTO M194 (ASTM C494)
02040.10	TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON TR WAS BORAL TR	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	06/14/01	1735	A	CONFORMS TO AASHTO M194
02040.10	TYPE D ADMIXTURE WATER REDUCING RETARDER	PLASTIMENT	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	05/01/88	2051	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE D ADMIXTURE WATER REDUCING RETARDER	POLYCHEM R	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2550	А	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE D ADMIXTURE WATER REDUCING RETARDER	POZZOLITH 100XR	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	2055	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE D ADMIXTURE WATER REDUCING RETARDER	POZZOLITH 300R	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	2058	А	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	POZZUTEC 20+	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	2705	A	CONFORMS TO AASHTO M194 (ASTM C494) NON CHLORIDE ACCEL AND POLYCARBOXYLATE DISPERSANT.
02040.10	TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	SIKASET NC	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3247	A	CONFORMS TO AASHTO M194 (ASTM C494)

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02040.10	TYPE E ADMIXTURE WATER REDUCING/ACCELERATI	POLYCHEM SUPER SET	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2551	 A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE E ADMIXTURE WATER REDUCING/ACCELERATI	POLYHEED FC 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	1903	А	CONFORMS TO AASHTO M194 (ASTM C494) ALSO USED AS TYPE A AND C WATER REDUCING ACCELERATOR.
02040.10	TYPE F ADMIXTURE HI RANGE WATER REDUCER	GLENIUM 7101	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	06/14/07	3484	A	CONFORMS TO AASHTO M194 (ASTM C494) NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	TYPE F ADMIXTURE HI RANGE WATER REDUCER	GLENIUM 7500	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	07/12/07	3501	A	CONFORMS TO AASHTO M194 (ASTM C494) NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	TYPE F ADMIXTURE HI RANGE WATER REDUCER	GLENIUM 7700	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	09/13/07	3536	A	CONFORMS TO AASHTO M194 (ASTM C494) NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	TYPE F ADMIXTURE HI-RANGE WATER REDUCER	MIRA 92	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	08/12/04	2971	А	CONFORMS TO AASHTO M194 (ASTM C494) MAX DOSAGE 10-15 OZ PER HUNDRED WT OF CEMENTITIOUS MTL
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA 100	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	11/10/99	1954	A	CONFORMS TO AASHTO M194 (ASTM C494). MIGHT USE WITH DARAVAIR 1000 OR DAREX II FOR ENTRAINED AIR.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA 140 SAME AS ADVA 140M	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	06/13/02	2599	A	CONFORMS TO AASHTO M194
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA 140M SAME AS ADVA 140	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	06/08/06	2599	A	

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02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA 190	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	06/14/07	3459	 A	CONFORMS TO AASHTO M194
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA CAST 575	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/10/07	3490	A	CONFORMS TO AASHTO M194
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	EUCON MR	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	01/12/06	2258	A	
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	EUCON SP WAS BORAL SP	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	06/14/01	1738	A	CONFORMS TO AASHTO M194
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	GLENIUM 3030 NS	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	2524	A	CONFORMS TO AASHTO M194 (ASTM C494) DESIGNED FOR SELF LEVELING CONCRETE.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	GLENIUM 3400 NV	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	3047	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MELCHEM	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	04/14/05	2554	A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	PS-1466	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072	10/12/06	3238	A	3.5 - 5.0 OZ/CWT TYPICAL. 6-10 OZ/CWT FOR FLOWING CONCR.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER FOR PRECAST/PRESTRESS	ADVA CAST 555	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	06/08/06	3324	A	CONFORMS TO AASHTO M194

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02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA 170	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	03/11/04	2880	 A	CONFORMS TO AASHTO M194 (ASTM C494)
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA CAST	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	09/11/97	1661	A	CONFORMS TO AASHTO M194
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA CAST 500	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/13/04	2829	A	CONFORMS TO AASHTO M194 DESIGNED FOR PRECAST CONCRETE APPLICATIONS.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA CAST 530	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	11/09/04	2746	A	CONFORMS TO AASHTO M194 DESIGNED FOR SELF COMPACTING CONCRETE, BUT MEETS SPEC FOR OTHER USES.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA CAST 540	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	11/09/04	2636	A	CONFORMS TO AASHTO M194 DESIGNED FOR SELF COMPACTING CONCRETE, BUT MEETS SPEC FOR OTHER USES.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA FLOW	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	09/11/97	1662	A	CONFORMS TO AASHTO M194
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	DARACEM 100	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	06/09/94	1154	A	INDEPENDENT TEST RESULTS MEET OUR SPECIFICATIONS.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	EUCON 37	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	09/09/04	2260	A	CONFORMS TO AASHTO M194 (ASTM C494) WAS P# 1357 Q IN 6/89. D 9/04 CAUSE MFG DIDN'T INCL TESTS.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	EUCON RD2 WAS BORAL RD2	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	05/01/88	2049	A	

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02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	EUCON SP150 WAS BORAL 150	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	05/01/88	2050	А.	
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	FRITZ SUPERCIZER 1	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	09/10/92	901	A	CONFORMS TO AASHTO M194 (ASTM C 494). DESIGNED AS SLUMP CONTROL W/O ADDING MORE WATER. SUBMIT WITH MIX DESIGN.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	FRITZ SUPERCIZER 5	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	09/10/92	902	A	CONFORMS TO AASHTO M194 (ASTM C 494). SUPERPLASTICIZER CAN REDUCE WATER REQUIREMENTS UP TO 25%. SUBMIT W/MIX DESIGN
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	FRITZ SUPERCIZER 6	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	09/10/92	903	A	CONFORMS TO AASHTO M194 (ASTM C 494). PREMIUM "SUPER". CAN REDUCE WATER REQUIREMENTS UP TO 40%. SUBMIT W/MIX DESIGN
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	RHEOBUILD 1000	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	1353	A	
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 2100	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3251	A	CONFORMS TO AASHTO M194 (ASTM C494). FORMULATED FOR EXTENDED SLUMP LIFE: 60-90 MIN
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 4200	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3250	A	CONFORMS TO AASHTO M194 (ASTM C494). MAY RETARD SET.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 6100	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3252	A	CONFORMS TO AASHTO M194 (ASTM C494). TYPE F @ 6 OZ/CWT
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKAMENT 300	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	05/01/88	2067	A	CONFORMS TO AASHTO M194 (ASTM C494)

PAGE 102

ODOT CONSTRUCTION/MATERIALS SECTION QUALIFIED PRODUCTS LIST APPROVED LIST - NO SAMPLES OR TESTS REQUIRED* QUALIFIED LIST - ADDITIONAL REQUIREMENTS** JULY 2008

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02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKAMENT 686	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3249	 A	CONFORMS TO AASHTO M194 (ASTM C494). MAY RETARD SET.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKAMENT MP	SIKA CORP 203/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3248	А	CONFORMS TO AASHTO M194 (ASTM C494). MAY RETARD SET.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	WRDA-19	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	05/01/88	1565	A	ALSO KNOWN AS DARACEM 19
02040.10	TYPE F ADMIXTURE WATER REDUCER	POLYHEED 997	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232	10/12/06	213	A	CONFORMS TO AASHTO M194 (ASTM C494) QUALIFIED AS TYPE A CONCRETE ADMIXTURE.
02040.10	TYPE G ADMIXTURE HI RNGE H20 REDUCE/RETARD	EUCON RD-1 WAS BORAL RD-1	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	06/14/01	1739	A	CONFORMS TO AASHTO M194
02040.10	TYPE G ADMIXTURE HI RNGE H2O REDUCE/RETARD	DARACEM 100	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	08/08/96	1154	А	INDEPENDENT TEST RESULTS MEET OUR SPECS.
02040.10	TYPE G ADMIXTURE HI RNGE H2O REDUCE/RETARD	FRITZ-PAK SUPERCIZER 7	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	07/12/01	2146	A	
02050.10	CURING COMPOUND, CONCRETE TYPE 1, CLASS A	AHT - TYPE 1, CLASS A CURE VOC'S = 18 G/L	AMERICAN HIGHWAY TECHNOLOGY 888/745-3751 TERRY EDMUNDSON 541/689-3133	06/09/05	3127	Q	CLEAR, WAX BASED.
02050.10	CURING COMPOUND, CONCRETE TYPE 1, CLASS A	SEALTIGHT 1300 CLEAR VOC'S = 18G/L	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	05/01/88	776	Q	CLEAR WAX. WATCH SHELF LIFE. TEST BY LOT, EXCEPT CGC OK IF PRODUCT IS ON QPL.

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02050.10	CURING COMPOUND, CONCRETE TYPE 1, CLASS A	WAX EMULSION CURE (CLEAR) VOC'S = 45 G/L	BURKE COMPANY 888/287-5387 WHITE CAP 503/287-4151	05/01/88	2138	Q	CLEAR RESIN. WATCH SHELF LIFE TEST BY LOT, EXCEPT CGC OK IF PRODUCT IS ON QPL.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A	AHT - TYPE 2, CLASS A CURE VOC'S = 18 G/L	AMERICAN HIGHWAY TECHNOLOGY 888/745-3751 TERRY EDMUNDSON 541/689-3133	06/09/05	3130	Q	WHITE, WATER BASED WAX.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A	AMERICAN WHITE WAX DOT CURE VOC'S = 42 G/L	AMERICAN CONCRETE SYSTEMS INC REP: JAN WINN 619/578-5270 WESTSIDE CONCRETE ACCESSORIES BRIAN MCALLISTER 503/591-0203	02/13/92	832	Q	WHITE WAX. MIX WELL. TEST BY LOT, EXCEPT CGC OK IF ON QPL.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A	BURKE WAX EMULSION D.O.T. VOC'S = 45 G/L	BURKE COMPANY 800/456-7445 WHITE CAP 800/452-2994	05/01/88	2075	Q	WHITE WAX. MIX WELL. TEST BY LOT, EXCEPT CGC OK IF ON QPL.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A	L & M CURE W-2 VOC = 25 G/L	L & M CONSTRUCTION CHEMICALS 800/362-3331 OR 420/453-6600 BILL PAVITT 425/562-6076	07/09/92	850	Q	WATERBASED. MIX WELL. TEST BY LOT, EXCEPT CGC OK IF PRODUCT IS ON THE QPL.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A	SEALTIGHT 1635 VOC'S = 18 G/L	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	03/09/00	1038	Q	WHITE WAX. WATCH SHELF LIFE. TEST BY LOT, EXCEPT CGC OK IF PRODUCT IS ON QPL.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A & B	SEALTIGHT 1200 VOC'S = 69G/L	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	08/08/91	760	Q	WHITE RESIN. WATCH SHELF LIFE TEST BY LOT, EXCEPT CGC OK IF PRODUCT IS ON QPL.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A & B	SEALTIGHT 2200 SERIES WHITE VOC'S = 0 G/L (2245,2250,2255)	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	05/01/88	1479	Q	WHITE RESIN. WATCH SHELF LIFE TEST BY LOT, EXCEPT CGC OK IF PRODUCT IS ON QPL. FORMULAS: 2245, 2250, & 2255.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS B	AHT - TYPE 2, CLASS B CURE VOC'S = 69 G/L	AMERICAN HIGHWAY TECHNOLOGY 888/745-3751 TERRY EDMUNDSON 541/689-3133	06/09/05	3129	Q	WHITE, WATER BASED RESIN.

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02050.10	CURING COMPOUND, CONCRETE WHITE PIGMENTED TYPE 2	BURKE WAX EMULSION (FAST DRY) D.O.T. VOC'S = 0 G/L	BURKE COMPANY 800/456-7445 WHITE CAP 800/452-2994	05/01/88	2074	Q	WHITE WAX. MIX WELL. TEST BY LOT, EXCEPT CGC OK IF ON QPL. AASHTO M148.
02050.30	CURING BLANKET, CONCRETE	SKAPS GE160 WHITE	SKAPS VIA GEOTK 888/708-8835	04/13/06	3228	A	NON-WOVEN NEEDLE PUNCHED POLYPROPYLENE FABRIC. STILL NEEDS POLYETYLENE FABRIC AS WITH BURLAP.
02050.40	CONCR EVAPORATION REDUCER	E-CON	L & M CONSTRUCTION CHEMICALS 402/453-6600 BILL PAVITT 425/785-3242	04/08/04	2882	A	USE IN ADDITION TO REGULAR CURE TREATMENTS.
02050.40	CONCR EVAPORATION REDUCER	EUCOBAR	EUCLID CHEMICAL 800/321-7628 RW SIMMONS ASSOC, 253/946-3740 WILLIAMS FORM 503/286-3647	12/09/04	2989	A	USE IN ADDITION TO REGULAR CURE TREATMENTS.
02050.40	CONCR EVAPORATION REDUCER	EVAPRE	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	12/09/04	2998	A	USE IN ADDITION TO REGULAR CURE TREATMENTS.
02050.40	CONCR EVAPORATION REDUCER	MBT CONFILM	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/14/07	2883	А	USE IN ADDITION TO REGULAR CURE TREATMENTS.
02050.40	CONCR EVAPORATION REDUCER	PRO-FILM	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	09/11/03	2848	A	USE IN ADDITION TO REGULAR CURE TREATMENTS.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	MASTERSEAL SL40VOC	DEGUSSA BLDG SYST 800/327-1570 BRUCE JACKSON 503/722-4101	03/10/05	2462	А	40% SILANE. IT IS ON THE ALBERTA DOT LIST (TYPE 1B).
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	BARACADE SILANE 40 IPA	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	00/00/00	3527	A	40% SOLIDS

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02060.00	CONCRETE SEALER, CHLORIDE BARRIER	HYDROZO 100	BASF 952/496-6000 BRUCE JACKSON 503-722-4104	06/14/07	2177	 A	PASSED ALBERTA DOT (TYPE 1C)
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	HYDROZO SILANE 40VOC WAS HYDROZO SILANE 40 IPA	BASF 952/496-6000 BRUCE JACKSON 503-722-4101	06/14/07	714	A	QUALIFIED BY BRIDGE SECTION PASSES ALBERTA (TYPE 1B) AND FLORIDA. 40% SILANE.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	PERMA-SEAL 444	PILGRIM PERMOCOAT CO PO BOX 945 TAMPA FL 33601 WILLIAMS CONCRETE 800/255-0560	12/01/89	2081	A	QUALIFIED BY BRIDGE SECTION PASSES BOTH ALBERTA AND FLORIDA DOT CRITERIA. SILANE, 40% SOLIDS.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	SIL-ACT ATS 42	ADVANCED CHEMICAL TECHNOLOGIES KEVIN BROWN 415/843-2585 JIM SULLIVAN 206/282-9759	06/23/88	18	A	QUALIFIED BY BRIDGE SECTION PASSES BOTH ALBERTA AND FLORIDA DOT CRITERIA. SILANE, 40% SOLIDS.
02060.00	CRACK INJECTION EPOXY	CSS STANDARD GROUT	CHEMCO SYSTEMS 800/757-6773	07/12/07	2976	A	
02060.00	CRACK INJECTION EPOXY	EVA-POX #36 All TEMP. FLEX RESIN	E-POXY ENGINEERED MATERIALS MARIBETH TAYLOR 888/999-2463 WILLIAMS CONCRETE 503/286-3647	05/01/88	44	A	MAY BE USED FOR CRACKS W/O INJ REFER TO MANUF FOR USES, NOT FOR STRUCTURAL. HAS BEEN USED TO SEAL ARMORED IMPACT PANELS.
02060.00	CRACK INJECTION EPOXY	EVA-POX #4 INJECTION RESIN	E-POXY ENGINEERED MATERIALS MARIBETH TAYLOR 888/999-2463 WILLIAMS CONCRETE 503/286-3647	05/01/88	48	A	MAY BE USED TO INJECT CRACKS, REFER TO MANUFACTURER FOR SUITABLE USES. STRUCTURALLY WELDS CRACKS. 100% SOLIDS.
02060.00	CRACK INJECTION EPOXY	KEMKO 038 REG IR	CHEMCO SYSTEMS 650/261-3790	03/09/06	3255	A	SAME AS KONTEK GROUT 103REG IR FOR CRACKS UP TO 0.25" WIDE. AUTOMATIC INJECTION SYSTEMS. TYPE IV,GRADE 1,CLASS B&C>50F.
02060.00	CRACK INJECTION EPOXY	KEMKO 068 LV IR	CHEMCO SYSTEMS 650/261-3790	03/09/06	3254	A	SAME AS KONTEK GROUT III LV IR FOR CRACKS UP TO 0.25" WIDE. AUTOMATIC INJECTION SYSTEMS. TYPE IV, GRADE 1, CLASS B&C.

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02060.00	CRACK INJECTION EPOXY	KONTEK GROUT 103 REG IR	CONTECH SYSTEMS 650/261-3790 PETE BARLOW 206/763-9877 DON ELLSWORTH 503/223-9817	03/10/05	1569	А.	FOR CRACKS UP TO 0.25" WIDE. TWO COMPONENT EPOXY. AUTOMATIC INJECTION SYSTEMS. TYPE IV,GRADE 1,CLASS B&C>50F.
02060.00	CRACK INJECTION EPOXY	KONTEK GROUT III LV-IR	CONTECH SYSTEMS 650/261-3790 PETE BARLOW 206/763-9877 DON ELLSWORTH 503/223-9817	03/10/05	1568	A	FOR CRACKS UP TO 0.25" WIDE. TWO COMPONENT EPOXY. AUTOMATIC INJECTION SYSTEMS. TYPE IV, GRADE 1, CLASS B&C.
02060.00	CRACK INJECTION EPOXY	MBT SCB CONCRESIVE 1360 WAS CONCRESIVE 1468	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/14/07	715	A	FORMERLY CALLED CONCRESIVE 146 REFER TO MANUF FOR SUITABLE USES & INSTALLERS. 100% SOLIDS WELDS CRACKS STRUCTURALLY.
02060.00	CRACK INJECTION EPOXY	PRO-POXY 100 WAS CALLED PRO-POXY 100LV	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	07/10/08	891	A	TYPE I/III, GRADE B, CLASS B/C BONDS HARD TO HARD, OR HARD TO FRESH CONCRETES. LOW VISCOSITY USE BETWEEN 40 & 60 DEG F.
02060.00	CRACK INJECTION EPOXY	SCB CONCRESIVE 1350 WAS CONCRESIVE 1050-15	CHEMREX 800/243-6739 BRUCE JACKSON 503/722-4101 MASONS SUPPLY 800/537-3407 WHITE CAP 800/492-2994	05/01/88	716	A	FORMERLY CONCRESIVE 1050-15 USE TO STUCTURALLY WELD CRACKS USE MFG APPROVED INSTALLERS. (WAS CONCRESIVE 1350 1/15/00)
02060.00	CRACK SEALER - EPOXY	DURAL 335	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/10/05	1918	A	MOISTURE INSENSITIVE. GRAVITY FEED. NON-STRUCTURAL REPAIR. REP: DAVE DILLON 425/820-4576
02060.00	CRACK SEALER - HI MOD EPOXY	CCS COATING EPOXY HEALER SEALR	CHEMCO SYSTEMS 800/757-6773	07/12/07	2338	A	100% SOLIDS.
02060.00	CRACK SEALER - LO MOD EPOXY	DURAL 50 LM	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	06/14/07	3447	A	FOR FINE CRACKS IN CONCRETE.
02060.00	CRACK SEALER - LOW MOD EPOXY	POLYCARB MARK 135	POLYCARB 800/225-5649	11/08/07	1859	А	

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02060.00	CRACK SEALER-METHACRYLATE	MBT DEGADECK CRACK SEALER PLUS	DEGUSSA BLDG SYST 800/243-6739 BRUCE JACKSON 503/722-4101	05/10/07	3483	 А	MMA. APPEARS SIMILAR TO DEGEDECK CRACK SEALER THAT WAS DISCONTINUED. SEE ID#2326.
02060.00	CRACK SEALER-METHACRYLATE	SIKA PRONTO 19	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	08/05/88	189	A	PENETRATED WELL ON BR #8589 W/ FINE CRACKS.ROLLER & SQUEEGEE. RESTORES SOME STRENGTH. SAND- BLAST. PLUG BOTTOM OF CRACK.
02060.00	CRACK SEALER-METHACRYLATE	SIKA PRONTO 19TF	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	03/10/05	1072	A	FINE CRACKS. ROLLER & SQUEEGEE
02060.00	CRACK SEALER-METHACRYLATE	TRANSPO SEALATE T70MX-30	TRANSPO INDUSTRIES 914/636-1000	03/10/05	2488	A	FOR FINE CRACKS. HMWM. 3 PART PRODUCT.
02060.00	CRACK SEALER-METHACRYLATE HMWM	КВР 103	KWIK BOND POLYMERS AL KLAIL 510/852-4381	03/10/05	2597	A	THREE PART PRODUCT FOR FINE CRACKS. 6 MONTH SHELF LIFE.
02060.00	CRACK SEALER-METHACRYLATE HMWM	КВР 204	KWIK BOND POLYMERS AL KLAIL 510/852-4381	03/10/05	2598	A	THREE PART PRODUCT FOR FINE CRACKS. 6 MONTH SHELF LIFE.
02070.10	BONDING AGENT, EPOXY	BURKEPOXY MV PATCH AND BOND EPOXY	BURKE COMPANY 800/456-7445 WHITE CAP 800/452-2994	05/01/88	284	A	USED ON TABLE ROCK- VILAS RD SECTION.
02070.10	BONDING AGENT, EPOXY	MBT CONCRESIVE LIQUID LPL (FORMERLY CONCRESIVE 1001 LPL)	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/14/07	654	A	
02070.10	BONDING AGENT, EPOXY	PERMAGILE BOND-1	PERMAGILE INDUSTRIES TED POPPE 800/645-7546 REP: DAVE CORBETT 253/838-4407 MASONS SUPPLY 800/537-3407	04/13/90	191	A	WORKED GOOD ON HWY PROJECT

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02070.10	BONDING AGENT, EPOXY	PRO-POXY 204	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	12/14/06	3122	 А	
02070.10	BONDING AGENT, EPOXY	RESCON R649 EPOXY BONDER (FORMERLY NIKLEPOXY 19)	SYMONS CORP 303/287-7531 TECH: JERRY FORD 847/298-3200 MASONS 800/537-3407	05/01/88	712	A	USED IN CORVALLIS ON 6/19/87 PAUL MEYERS CONTACT PERSON WAS RESCON UNTIL 12/92
02070.10	BONDING AGENT, EPOXY	UNITEX SLOW SET BONDING AGENT	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	05/10/07	3123	A	
02070.20	BONDING AGENT, NON-EPOXY	TARGET POLYMER BONDING AGENT	TARGET PRODUCTS 800/575-7700 WILLAMETTE GRYSTN 541/726-7666 WILLIAMS FORM ENG 800/255-0560	05/01/88	1194	A	
02080.10	GROUT, EPOXY	EAS-8	QCM COMPANY 800/321-0170 930 s. CENTRAL KENT, WA 98032	12/07/89	475	A	MEETS ASTM C881 SPECS.
02080.10	GROUT, EPOXY	EAS-8 LPL	QCM COMPANY 800/321-0170 930 S. CENTRAL KENT, WA 98032	12/07/89	474	A	
02080.10	GROUT, EPOXY	MBT CONCRESIVE LIQUID LPL (FORMERLY CONCRESIVE 1001 LPL)	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/14/07	654	A	
02080.20	GROUT, NON-EPOXY	UNITEX MULTI-PURPOSE GROUT	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	04/12/07	3472	A	AS WITH OTHER GROUTS, DON'T ADD TOO MUCH WATER.
02080.20	GROUT, NON-EPOXY	US SPEC MP GROUT ODOT	US MIX PRODUCTS 800/397-9903 WESTSIDE CONCRETE 503/591-0203	07/12/07	3424	A	

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02080.20	GROUT, NON-EPOXY ACCEPTABLE AS NON-SHRINK	1107 ADVANTAGE GROUT	DAYTON SUPERIOR 800/745-3707 MIKE COSTELLO 425/301-1975 MASONS SUPPLY 800/537-3407 WHITE CAP 800/456-7445	12/10/98	1427	 A	NON SHRINK, NON METALLIC, NON CORROSIVE CEMENTITIOUS GROUT. DO NOT MIX ADDITIVES TO THIS GROUT. 50 TO 80 DEG F. BEST.
02080.20	GROUT, NON-EPOXY ACCEPTABLE AS NON-SHRINK	BURKE #621 STANDARD GROUT	BURKE COMPANY 800/456-7445 WHITE CAP 800/452-2994	01/01/90	416	A	
02080.20	GROUT, NON-EPOXY ACCEPTABLE AS NON-SHRINK	CONSTRUCTION GROUT RC	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	04/10/08	3602	A	
02080.20	GROUT, NON-EPOXY ACCEPTABLE AS NON-SHRINK	ENDURO 50 GROUT	CONSPEC 877/266-7732	04/14/05	993	A	NONSHRINK, NONMETALLIC, CEMENTI- TIOUS GROUT. DO NOT OVER-MIX OR OVER-WATER. TEMP MUST BE ABOVE 40 DEGREES F.
02080.20	GROUT, NON-EPOXY ACCEPTABLE AS NON-SHRINK	FIVE STAR INSTANT GROUT	FIVE STAR PRODUCT 800/243-2206 CHRIS PIEKOS 360/647-2606 WILLIAMS CONCRETE 800/255-0560 MASONS SUPPLY 800/537-3407	05/01/88	1216	A	FIVE STAR WAS U.S. GROUT.
02080.20	GROUT, NON-EPOXY ACCEPTABLE AS NON-SHRINK	MASTERFLOW 928 GROUT	CHEMREX 800/243-6739 BRUCE JACKSON 503/722-4101 MASONS SUPPLY 800/537-3407 WHITE CAP 800/452-2994	10/01/89	449	A	
02080.20	GROUT, NON-EPOXY ACCEPTABLE AS NON-SHRINK	TARGET PORTLAND EXPANDING GROU	TARGET PRODUCTS 800/575-7700 WILLAMETTE GRYSTN 541/726-7666 WILLIAMS FORM ENG 800/255-0560	12/17/93	668	A	NON-SHRINK GROUT.
02080.20	GROUT, NON-EPOXY ACCEPTABLE AS NON-SHRINK	UPCON MULTI-PURPOSE GROUT	UPCON BY BOSTIK CONST. 800/221-8726 WHITE CAP 503/287-4151 800/452-2994	05/01/88	10	A	
02080.20	GROUT, NON-EPOXY ACCEPTABLE AS NON-SHRINK CEMENTITIOUS	MBT CONSTRUCTION GROUT	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/14/07	1256	A	COSMETIC SURFACE REPAIRS ONLY.

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02080.20	GROUT, NON-EPOXY ACCEPTABLE AS ROCK GROUT	WIL-X CEMENT	WILLIAMS FORM 800/255-0560	10/09/03	2890	 А	NON SHRINK, NON METALLIC, NON CORROSIVE CEMENTITIOUS GROUT. APPROVED FOR ROCK GROUT APPLICATIONS.
02080.20	GROUT, NON-EPOXY ACCETABLE AS NON-SHRINK CEMENTITIOUS W/ FLYASH	NC GROUT WAS HORN GROUT	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	04/11/06	1425	A	HI EARLY MIX. DO NOT MIX WITH ADMIXTURES OR FLUIDIFIERS. CURE PROPERLY!
02080.30	GROUT, KEYWAY	1107 ADVANTAGE GROUT	DAYTON SUPERIOR 800/745-3707 MIKE COSTELLO 425/301-1975 MASONS SUPPLY 800/537-3407 WHITE CAP 800/456-7445	12/10/98	1427	A	NON SHRINK, NON METALLIC, NON CORROSIVE CEMENTITIOUS GROUT. DO NOT MIX ADDITIVES TO THIS GROUT. 50 TO 80 DEG F. BEST.
02080.30	GROUT, KEYWAY	BURKE #621 STANDARD GROUT	BURKE COMPANY 800/456-7445 WHITE CAP 800/452-2994	01/01/90	416	A	
02080.30	GROUT, KEYWAY	CONSTRUCTION GROUT RC	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	04/10/08	3602	A	
02080.30	GROUT, KEYWAY	ENDURO 50 GROUT	CONSPEC 877/266-7732	04/14/05	993	A	NONMETALLIC, NONSHRINK, CEMEN- TITIOUS GROUT. DO NOT OVER-MIX OR OVER-WATER. TEMP MUST BE ABOVE 40 DEGREES F.
02080.30	GROUT, KEYWAY	FIVE STAR INSTANT GROUT	FIVE STAR PRODUCT 800/243-2206 CHRIS PIEKOS 360/647-2606 WILLIAMS CONCRETE 800/255-0560 MASONS SUPPLY 800/537-3407	05/01/88	1216	A	FIVE STAR WAS U.S. GROUT.
02080.30	GROUT, KEYWAY	MASTERFLOW 928 GROUT	CHEMREX 800/243-6739 BRUCE JACKSON 503/722-4101 MASONS SUPPLY 800/537-3407 WHITE CAP 800/452-2994	10/01/89	449	A	
02080.30	GROUT, KEYWAY	TARGET PORTLAND EXPANDING	TARGET PRODUCTS 800/575-7700 WILLAMETTE GRYSTN 541/726-7666 WILLIAMS FORM ENG 800/255-0560	05/01/88	668	A	

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02080.30	GROUT, KEYWAY	UNITEX MULTI-PURPOSE GROUT	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	04/12/07	3472	 А	AS WITH OTHER GROUTS, DON'T ADD TOO MUCH WATER.
02080.30	GROUT, KEYWAY	UPCON MULTI-PURPOSE GROUT	UPCON BY BOSTIK CONST. 800/221-8726 WHITE CAP 503/287-4151	05/01/88	10	A	LAB 85-20670 & 85-20671.
02080.30	GROUT, KEYWAY	US SPEC MP GROUT ODOT	US MIX PRODUCTS 800/397-9903 WESTSIDE CONCRETE 503/591-0203	07/12/07	3424	A	
02080.30	GROUT, KEYWAY CEMENTITIOUS	MBT CONSTRUCTION GROUT	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/14/07	1256	А	
02080.30	GROUT, KEYWAY CEMENTITIOUS W/ FLYASH	NC GROUT WAS HORN GROUT	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/11/06	1425	A	HI EARLY MIX. DO NOT MIX WITH ADMIXTURES OR FLUIDIFIERS. CURE PROPERLY!
02080.50	GROUT, TENDON - VR 0-2' VERTICAL RISE: 0 - 2'	FIVE STAR SPECIAL GROUT 400	FIVE STAR PRODUCT 800/243-2206 CHRIS PIEKOS 360/647-2606 MASONS SUPPLY 800/537-3407	07/14/05	3134	Q	FOLLOW SPECS & MANUFACTURER INSTRUCTIONS.
02080.50	GROUT, TENDON - VR 0-2' VERTICAL RISE: 0 - 2'	MBT MASTERFLOW 1205	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/14/07	2461	Q	FOLLOW SPECS & MANUFACTURER INSTRUCTIONS.
02080.50	GROUT, TENDON - VR 0-2' VERTICAL RISE: 0 - 2'	MBT MASTERFLOW 1341	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/14/07	3010	Q	FOLLOW SPECS & MANUFACTURER INSTRUCTIONS.
02080.50	GROUT, TENDON - VR 0-2' VERTICAL RISE: 0 - 2'	SIKAGROUT 300 PT	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916	07/14/05	3006	Q	FOLLOW SPECS & MANUFACTURER INSTRUCTIONS.

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02080.50	GROUT, TENDON - VR 2-6' VERTICAL RISE: 2' - 6'	MBT MASTERFLOW 1205	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/04/07	2461	Q	FOLLOW SPECS & MANUFACTURER INSTRUCTIONS.
02080.50	GROUT, TENDON - VR 2-6' VERTICAL RISE: 2' - 6'	MBT MASTERFLOW 1341	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/14/07	3010	Q	FOLLOW SPECS & MANUFACTURER INSTRUCTIONS.
02080.50	GROUT, TENDON - VR 2-6' VERTICAL RISE: 2' - 6'	SIKAGROUT 300 PT	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916	07/14/05	3006	Q	FOLLOW SPECS & MANUFACTURER INSTRUCTIONS.
02080.50	GROUT, TENDON - VR 2-6' VERTICAL RISE: 2'- 6'	FIVE STAR SPECIAL GROUT 400	FIVE STAR PRODUCT 800/243-2206 CHRIS PIEKOS 360/647-2606 MASONS SUPPLY 800/537-3407	07/14/05	3134	Q	FOLLOW SPECS & MANUFACTURER INSTRUCTIONS.
02080.50	GROUT, TENDON - VR 6-100' VERTICAL RISE: 6 - 100'	FIVE STAR SPECIAL GROUT 400	FIVE STAR PRODUCT 800/243-2206 CHRIS PIEKOS 360/647-2606 MASONS SUPPLY 800/537-3407	07/14/05	3134	Q	FOLLOW SPECS & MANUFACTURER INSTRUCTIONS.
02080.50	GROUT, TENDON - VR 6-100' VERTICAL RISE: 6' - 100'	MBT MASTERFLOW 1341	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	06/14/07	3010	Q	FOLLOW SPECS & MANUFACTURER INSTRUCTIONS.
02080.50	GROUT, TENDON - VR 6-100' VERTICAL RISE: 6' - 100'	SIKAGROUT 300 PT	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916	07/14/05	3006	Q	FOLLOW SPECS & MANUFACTURER INSTRUCTIONS.
02110.20	GUARDRAIL BLOCKS, PLASTIC	CENTRAL II	UNIVERSAL INDUSTRIAL SALES 801/785-0505	08/10/00	2197	A	RECYCLED PLASTIC BLOCK FOR GUARDRAIL INSTALLATIONS.
02110.20	GUARDRAIL BLOCKS, PLASTIC	DURA-BULL BLOCKOUT	CREATIVE BUILDING PRODUCTS 219/432-7158	12/12/96	1520	А	RECYCLED PLASTIC BLOCK FOR GUARDRAIL INSTALLATIONS. SPECIAL PROVISION SP00810

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02110.20	GUARDRAIL BLOCKS, PLASTIC	KING BLOCK	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559	01/10/02	2520	 А	THIS MODEL IS FOR STEEL POSTS ONLY. 52% HDPE, 45% GROUND RUBBER. THIS IS BEING REPLACED BUT OK TILL GONE. (10/07)
02110.20	GUARDRAIL BLOCKS, PLASTIC	KING BLOCK MODIFIED 2007	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559	10/11/07	3531	A	THIS MODEL IS FOR STEEL POSTSO ONLY. 70% RECYCLED PLASTIC.
02110.20	GUARDRAIL BLOCKS, PLASTIC	LIFETIME BLOCKOUTS	LIFETIME LUMBER PRODUCTS 419/478-9000	01/11/01	2355	A	RECYCLED COMPOSITE BLOCK FOR GUARDRAIL INSTALLATIONS.
02110.20	GUARDRAIL BLOCKS, PLASTIC	MONDO BLOCK	MONDO POLYMER TECHNOLOGIES RENO, OHIO; 614/376-9396	01/08/98	1715	A	THE "NOTCHED" BLOCK SHOULD BE USED ON STEEL G.R.POSTS. FOR WOOD POSTS, USE BLOCK MADE WITHOUT THE NOTCH.
02110.20	GUARDRAIL BLOCKS, PLASTIC	MONDO BLOCK II	MONDO POLYMER TECHNOLOGIES RENO, OHIO; 614/376-9396	10/10/02	2635	A	STRONG STEEL OR WOOD POSTS.
02110.20	GUARDRAIL BLOCKS, PLASTIC	POLY LUMBER	RAMCO INTERNATIONAL 302/539-0414	03/09/00	2176	A	RECYCLED PLASTIC BLOCK FOR GUARDRAIL INSTALLATIONS.
02110.20	GUARDRAIL BLOCKS, PLASTIC	TREX/TIMBREX	TREX COMPANY, LLC RALPH T. BRUNO 540/678-4091 KAREN C. SHEETZ 540/678-1820	03/13/97	540	A	APPROVED BY FHWA. SHOULD NOT BE USED WITH STEEL POSTS.
02190.30	WOOD, FIELD PRESERVATIVE TREATMENT	10-9-0 GREEN F.O. WAS CSI GREEN F.O.	COPPER CARE WOOD PRESERVATIVE JUDY CHERRY 800/473-2563; 402/563-2663	08/10/95	1373	A	THIS IS A 2% COPPER NAPTHENATE DESIGNED FOR USE IN THE FIELD. DOES NOT REQUIRE THE APPLICATOR TO BE LICENSED.
02190.30	WOOD, FIELD PRESERVATIVE TREATMENT	JASCO TERMIN 8 GREEN	JASCO CHEMICAL CORPORATION 714/547-6951	10/14/99	1997	A	CONTAINS 2% METALLIC COPPER (24% COPPER NAPTHENATE)

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02210.00	STRUCTURE COATING, TEMP.	ZERO RUST	AMTECO, INC 314/271-1300 BRUCE PALMER 503/363-4960	06/12/97	1527	 A	NOT FOR LONG TERM FIXES.
02210.30	LATEX EMULSION PAINT FOR CONCRETE FINISH	ACRYTUFF # 87G102	FORREST PAINT EUGENE, OR 97402 REP:MICHAEL JACKSON 541/342-1821	05/09/96	1438	A	SPECIALLY FORMULATED TO MEET OUR 100-82 FORMULA. ORIGINALLY: 99-87J24-04-0
02210.30	LATEX EMULSION PAINT FOR CONCRETE FINISH	LOXON ACRYLIC COATING A24W351	SHERWIN WILLIAMS 360/604-3162	03/10/05	2249	A	COLOR: SW2093 OR SW2100
02210.30	LATEX EMULSION PAINT FOR CONCRETE FINISH	MILLER EXTERIOR ACRYLIC #9191	MILLER PAINT CO 317 SE GRAND AVE PORTLAND OR 97214 503/233-4491	05/01/88	1721	A	DESIGNED TO MEET THE ODOT EMULSION FORMULA 100-82.
02210.30	LATEX EMULSION PAINT FOR CONCRETE FINISH	RODDA EXTERIOR ACRYLIC #24735	RODDA PAINT 12000 SW GARDEN PLACE PORTLAND OR 97223 503/521-4300	05/01/88	1326	A	DESIGNED TO MEET ODOT EMULSION FORMULA 100-82. CONCRETE GRAY
02210.30	LATEX EMULSION PAINT FOR CONCRETE FINISH	TAMMSCOAT	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/13/03	2765	A	
02410.60	POLY NWT PIPE - CULVERT NWT = NON WATER-TIGHT	12" OREGON PLASTIC - HD PLAIN TYPE S PLAIN ENDS	OREGON PLASTIC TUBING 503/651-3151 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3506	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02410.60	POLY NWT PIPE - CULVERT NWT = NON WATER-TIGHT	18" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3508	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02410.60	POLY NWT PIPE - CULVERT NWT = NON WATER-TIGHT	24" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3510	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.

PAGE 115

ODOT CONSTRUCTION/MATERIALS SECTION QUALIFIED PRODUCTS LIST APPROVED LIST - NO SAMPLES OR TESTS REQUIRED* QUALIFIED LIST - ADDITIONAL REQUIREMENTS** JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02410.60	POLY NWT PIPE - CULVERT NWT = NON WATER-TIGHT	30" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3512	 А	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02410.60	POLY NWT PIPE - CULVERT NWT = NON WATER-TIGHT	36" PACIFIC CORRUGATED - PLAIN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	05/08/08	3625	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02410.60	POLY NWT PIPE - CULVERT NWT = NON WATER-TIGHT	ADS SERIES 85-IB N-12 PIPE WITH INTEGRAL BELLS	ADVANCED DRAINAGE SYSTEMS, INC KELLY KOKESH 425/457-1187 SCOTT GORDANIER 360/798-3731 800/733-8523	08/13/98	469	A	12" TO 48" DIAMETERS.
02410.60	POLY NWT PIPE - CULVERT NWT = NON WATER-TIGHT	HANCOR SURELOK F-477	HANCOR, 888/367-7473 KELLY KOKESH 425/457-1187	11/09/04	1890	A	DIAMETERS: 12" TO 60".
02410.60	POLY NWT PIPE - STORM NWT = NON WATER-TIGHT	12" OREGON PLASTIC - HD PLAIN TYPE S PLAIN ENDS	OREGON PLASTIC TUBING 503/651-3151 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3506	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02410.60	POLY NWT PIPE - STORM NWT = NON WATER-TIGHT	18" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3508	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02410.60	POLY NWT PIPE - STORM NWT = NON WATER-TIGHT	24" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3510	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02410.60	POLY NWT PIPE - STORM NWT = NON WATER-TIGHT	30" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3512	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02410.60	POLY NWT PIPE - STORM NWT = NON WATER-TIGHT	36" PACIFIC CORRUGATED - PLAIN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	05/08/08	3625	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02410.60	POLY NWT PIPE - STORM NWT = NON WATER-TIGHT	ADS SERIES 85-IB N-12 PIPE WITH INTEGRAL BELLS	ADVANCED DRAINAGE SYSTEMS, INC KELLY KOKESH 425/457-1187 SCOTT GORDANIER 360/798-3731 800/733-8523	08/13/98	469	 А	12" TO 48" DIAMETERS.
02410.60	POLY NWT PIPE - STORM NWT = NON WATER-TIGHT	HANCOR SURELOK F-477	HANCOR, 888/367-7473 KELLY KOKESH 425/457-1187	11/09/04	1890	А	DIAMETERS: 12" TO 60".
02410.60	POLY WT PIPE - CULVERT WT = WATER-TIGHT	12" OREGON PLASTIC - HD B & S TYPE S BELL & SPIGOT	OREGON PLASTIC TUBING 503/651-3151 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3505	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02410.60	POLY WT PIPE - CULVERT WT = WATER-TIGHT	18" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3507	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02410.60	POLY WT PIPE - CULVERT WT = WATER-TIGHT	24" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3509	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02410.60	POLY WT PIPE - CULVERT WT = WATER-TIGHT	30" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3511	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02410.60	POLY WT PIPE - CULVERT WT = WATER-TIGHT	36" PACIFIC CORRUGATED - B & S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	05/08/08	3624	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02410.60	POLY WT PIPE - CULVERT WT = WATER-TIGHT	ADS PRO-LINK ULTRA WT IB N-12 PIPE. SERIES 65 IB	ADVANCED DRAINAGE SYSTEMS, INC KELLY KOKESH 425/457-1187 SCOTT GORDANIER 360/798-3731 800/733-8523	04/14/05	2482	А	DOUBLE WALL, CORRUGATIONS. 12" TO 60" DIAMETERS. HAS REINFORCED BELL.
02410.60	POLY WT PIPE - CULVERT WT = WATER-TIGHT	HANCOR BLUESEAL WAS SURE-LOK WT	HANCOR, 888/367-7473 KELLY KOKESH 425/457-1187	11/09/04	1891	A	LOOK FOR BLUE WRAP ON SEAL FOR WATERTIGHT VERSION. DIAMETERS: 12" TO 60".

PAGE 117

ODOT CONSTRUCTION/MATERIALS SECTION QUALIFIED PRODUCTS LIST APPROVED LIST - NO SAMPLES OR TESTS REQUIRED* QUALIFIED LIST - ADDITIONAL REQUIREMENTS** JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02410.60	POLY WT PIPE - CULVERT WT = WATER-TIGHT	HANCOR SURELOK WT	HANCOR, 888/367-7473 KELLY KOKESH 425/457-1187	11/09/04	1891	а А	DIAMETERS: 4" TO 10". BLUE WRAP FOR "WT" VERSION.
02410.60	POLY WT PIPE - CULVERT WT = WATER-TIGHT	PRINSCO GOLDFLO WT (12"-48") INTEGRAL BELL & SPIGOT	PRINSCO INC 815/635-3131 CONTECH CONSTRUCTION PRODUCTS 503/640-2783	01/10/08	3599	A	CORRUGATED HDPE
02410.60	POLY WT PIPE - CULVERT WT = WATER-TIGHT	WEHOLITE (60") WELDED JOINTS	KWH PIPE 800/668-1892	01/10/08	2392	A	EXTRUSION WELDED JOINT BY MFG APPROVED TECHS.
02410.60	POLY WT PIPE - STORM WT = WATER-TIGHT	12" OREGON PLASTIC - HD B & S TYPE S BELL & SPIGOT	OREGON PLASTIC TUBING 503/651-3151 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3505	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02410.60	POLY WT PIPE - STORM WT = WATER-TIGHT	18" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3507	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02410.60	POLY WT PIPE - STORM WT = WATER-TIGHT	24" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3509	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02410.60	POLY WT PIPE - STORM WT = WATER-TIGHT	30" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	09/13/07	3511	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02410.60	POLY WT PIPE - STORM WT = WATER-TIGHT	36" PACIFIC CORRUGATED - B & S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	05/08/08	3624	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02410.60	POLY WT PIPE - STORM WT = WATER-TIGHT	ADS PRO-LINK ULTRA WT IB N-12 PIPE. SERIES 65 IB	ADVANCED DRAINAGE SYSTEMS, INC KELLY KOKESH 425/457-1187 SCOTT GORDANIER 360/798-3731 800/733-8523	04/14/05	2482	A	DOUBLE WALL, CORRUGATIONS. 12" TO 60" DIAMETERS. HAS REINFORCED BELL.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02410.60	POLY WT PIPE - STORM WT = WATER-TIGHT	HANCOR BLUESEAL WAS SURE-LOK WT	HANCOR, 888/367-7473 KELLY KOKESH 425/457-1187	11/09/04	 1891	 A	LOOK FOR BLUE WRAP ON SEAL FOR WATERTIGHT VERSION. DIAMETERS: 12" TO 60".
02410.60	POLY WT PIPE - STORM WT = WATER-TIGHT	HANCOR SURELOK WT	HANCOR, 888/367-7473 KELLY KOKESH 425/457-1187	11/09/04	1891	A	DIAMETERS: 4" TO 10". BLUE WRAP FOR "WT" VERSION.
02410.60	POLY WT PIPE - STORM WT = WATER-TIGHT	PRINSCO GOLDFLO WT (12"-48") INTEGRAL BELL & SPIGOT	PRINSCO INC 815/635-3131 CONTECH CONSTRUCTION PRODUCTS 503/640-2783	01/10/08	3599	A	CORRUGATED HDPE
02410.60	POLY WT PIPE - STORM WT = WATER-TIGHT	WEHOLITE (60") WELDED JOINTS	KWH PIPE 800/668-1892	01/10/08	2392	A	EXTRUSION WELDED JOINT BY MFG APPROVED TECHS.
02410.70	PVC DRAIN PIPE - PERF PERFORATED	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	А	
02410.70	PVC DRAIN PIPE - PERF PERFORATED	IPEX PVC DRAIN PIPE 3" AND 6"	IPEX, INC. 800/663-5864 BOB BLACKWELL 306/933-4650	03/08/07	3433	А	
02410.70	PVC DRAIN PIPE - SOLID SOLID	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/01/07	488	A	
02410.70	PVC DRAIN PIPE - SOLID SOLID	IPEX PVC DRAIN PIPE 3" AND 6"	IPEX, INC. 800/663-5864 BOB BLACKWELL 306/933-4650	03/08/07	3433	A	
02410.70	PVC PIPE - IRRIGATION	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	A	

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02410.70	PVC PIPE - IRRIGATION	IPEX BLUE BRUTE C900 4" TO 12"	IPEX, INC. 800/663-5864 BOB BLACKWELL 306/933-4650	03/08/07	2184	 А	
02410.70	PVC PIPE - SANITARY	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	A	36"-120" FILL,NON-INTERSTATE 12-18" DIA. REVIEW W/LOCAL
02410.70	PVC PIPE - SANITARY	IPEX PVC ULTRA RIB PIPE 8" TO 24"	IPEX, INC. 800/663-5864 BOB BLACKWELL 306/933-4650	03/08/07	1508	A	
02410.70	PVC PIPE - SANITARY	IPEX RING-TITE GASKETED 4" TO 42"	IPEX, INC. 800/663-5864 BOB BLACKWELL 306/933-4650	03/08/07	2186	A	
02410.70	PVC WT PIPE - CULVERT WT = WATER-TIGHT	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	A	
02410.70	PVC WT PIPE - CULVERT WT = WATER-TIGHT	IPEX PVC ULTRA RIB PIPE 8" TO 24"	IPEX, INC. 800/663-5864 BOB BLACKWELL 306/933-4650	03/08/07	1508	A	
02410.70	PVC WT PIPE - STORM WT = WATER-TIGHT	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	A	
02410.70	PVC WT PIPE - STORM WT = WATER-TIGHT	IPEX PVC ULTRA RIB PIPE 8" TO 24"	IPEX, INC. 800/663-5864 BOB BLACKWELL 306/933-4650	03/08/07	1508	A	
02410.70	PVC WT PIPE - STORM WT = WATER-TIGHT	IPEX RING-TITE GASKETED 4" TO 42"	IPEX, INC. 800/663-5864 BOB BLACKWELL 306/933-4650	03/08/07	2186	А	

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02420.20	POLYMERIC COATING FOR CORRUGATED STEEL AND SPIRAL RIB PIPE	TRENCHCOAT	DOW CHEMICAL 800/232-2346 PACIFIC CORRUGATED PIPE LARRY WOOD 800/528-8815	03/14/02	2191	а А	10 MILS POLYMERIC COATING REQUIRED ON BOTH SIDES OF PIPE TO GET 50 YEARS ADDITIONAL SERVICE LIFE. 12 GA & THINNER.
02420.20	POLYMERIC COATING FOR CORRUGATED STEEL PIPE	TRISHIELD STEEL RIBBED POLYETHYLENE	PACIFIC CORRUGATED PIPE LARRY WOOD 800/528-8815	08/14/97	1647	A	POLYMERIC PRECOATED, POLYETHYLENE LINED GALV STEEL. APPROVED BY ODOT FOR 50 YEARS ADDITIONAL SERVICE LIFE.
02420.20	POLYMERIC COATING FOR CORRUGATED STEEL PIPE	TRUFLOW	OWENS CORNING REP:DENNIS ROGERS 310/435-7978 PACIFIC CORRUGATED PIPE CO. REP:LARRY WOOD 800/528-8815	04/11/96	1443	A	COATING FOR CMP. NEEDS TO COAT 100% OF THE INTERIOR AND EXTERIOR.
02440.10	PREFORMED JOINT FILLER FOR CONCRETE	CONFLEX	MASONITE 312/634-2766	04/09/98	1493	A	FIBER EXPANSION JOINT FILLER. REISISTS BREAKAGE,HOLDS ALIGN- MENT.REISTS WTR INFILTRAT.,AND IS GOOD FOR FLATWORK.
02440.10	PREFORMED JOINT FILLER FOR CONCRETE	HOMEX 300	HOMASOTE COMPANY 503/635-1331	04/21/89	428	A	PREMOLDED WOOD FIBER STRIP FOR CONCRETE AND MASONRY JOINTS.
02440.10	PREFORMED JOINT FILLER FOR CONCRETE	REFLEX RUBBER EXPANSION JOINT	JD RUSSELL CO. 520/742-6194 MASONS SUPPLY 800/537-3407	12/14/00	2293	A	PREFORMED EXPANSION JOINT FILLER MATERIAL. LOW TO NO MOVEMENT APPLICATIONS.
02440.10	PREFORMED JOINT FILLER FOR CONCRETE	RIGHT JOINT EXPANSION JOINT	RIGHT POINT CO. 815/755-5700	02/10/05	3050	A	CELLULOSE LONG STRAND FIBERS IN AN ASPHALTIC BINDER.
02440.10	PREFORMED JOINT FILLER FOR CONCRETE	SEALTIGHT FIBRE EXPANSION JOIN	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	01/09/03	2412	A	CELLULAR FIBERS BONDED TOGETHE TOGETHER & SATURATED W/ASPHALT
02440.11	POURED JOINT SEALANT 2 PART SILICONE	DOW 902 RCS	DOW CORNING 866/768-8768 JASON SIKA 303/980-1780 ATLAS SUPPLY 800/806-7952	11/10/94	754	Q	PRIMARILY FOR BRIDGE JOINTS. DESIGN OF JOINT & CLEANLINESS IMPT. SELF LEVELING. ADHERES TO STEEL, CONCRETE OR ASPHALT.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02440.11	POURED JOINT SEALANT 2 PART SILICONE	WABO 2-PART SELF-LEVL SILICONE NOW: WABOSILICONE SEAL (7-02)	WATSON BOWMAN ACME 800/677-4922	10/14/04	1771	Q	CAUTION SHOULD BE USED WHEN USING. DO NOT TOUCH WITH BARE HANDS. 4 HOUR CURE TIME. WILL NOT BOND TO ASPHALT.
02440.11	POURED JOINT SEALANT SILICONE	DOW 890 SL	DOW CORNING 866/768-8768 JASON SIKA 303/980-1780 ATLAS SUPPLY 800/806-7952	01/17/91	615	A	SELF LEVELING. FOR ASPHALT OR CONCR, OR COMB. NOT FOR USE ON BRIDGE JOINTS UNLESS BR OK. W/D RATIO IMPORT.MUST BE CLEAN
02440.11	POURED JOINT SEALANT SILICONE	PECORA 300 SL	PECORA CORPORATION 800/355-8817 EXT 7520 ALBINA ASPHALT 800/888-5048	03/14/02	2358	A	NOT FOR USE ON BRIDGE JOINT SEALS. SINGLE PART PRODUCT.
02440.11	POURED JOINT SEALANT SILICONE	SEALANT 888	DOW CORNING 866/768-8768 JASON SIKA 303/980-1780 ATLAS SUPPLY 800/806-7952	05/01/88	199	A	NOT FOR USE ON BRIDGE JOINT SEALS. WIDTH AND DEPTH RATIO IMPORTANT, AS IS JOINT PREPARATION AND CLEANLINESS.
02440.14	BACKER ROD	CERA-ROD	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	05/01/88	74	A	CROSSLINKED, CLOSED CELL POLYOLEFIN. FOR SEALANTS UP TO 445 DEGREES F.
02440.14	BACKER ROD	GREENROD POLYETHYLENE BACKER ROD	NMC OF NORTH AMERICA HERSHEY DR ANSONIA, CT 06401 800/345-7279	10/03/90	274	A	POLYETHYLENE, CLOSED CELL. FOR USE WITH SEALANTS 200DEG F OR LESS. USED ON C10568, SALISHAN DRIVE.
02440.14	BACKER ROD	HBR	NOMACO 800/345-7279 JOHN LATTA ASSOC 503/283-1253 COLORADO STEEL 206/624-8393 ATLAS SUPPLY 800/806-7952	12/12/91	820	A	POLYETHYLENE CLOSED CELL. FOR COLD SEALANTS TO 158 DEG F INSTALLATION MUST BE TOOLED SLIGHTLY CONCAVE.
02440.14	BACKER ROD	HBR-XL	NOMACO 800/345-7279 JOHN LATTA ASSOC 503/283-1253 COLORADO STEEL 206/624-8393 ATLAS SUPPLY 800/806-7952	05/01/88	366	A	POLYETHYLENE CLOSED CELL. CROSS-LINKED FOR USE WITH SEALANTS UP TO 445 DEGREES F.
02440.14	BACKER ROD	HOT-ROD XL	INDUSTRIAL THERMO POLYMERS LTD 800/387-3847 (CANADA) WHITE CAP 503/287-4151 VEN: ATLAS SUPPLY 800/806-7952	10/04/90	367	A	TRAFFIC APPROVED FOR USE 10/10/87 ON C. LOBAUGH'S JOB. CROSS-LINKED POLYETHYLENE FOR SEALANTS UP TO 410 DEGREES F.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02440.14	BACKER ROD	ITP BACKER ROD	INDUSTRIAL THERMO POLYMERS LTD 800/387-3847 (CANADA) WHITE CAP 503/287-4151 VEN: ATLAS SUPPLY 800/806-7952	03/14/91	665	A	POLYETHYLENE-FOR COLD POURED SEALANTS ONLY:< 210 DEGREES F.
02440.20	EXPANSION JOINT SYSTEM, ASPHALTIC PLUG FOR MOVEMENTS OF < 2".	BJS	DYNAMIC SURFACE APPLICATIONS 800/491-5663 N.W. JOINTS 503/844-9867 WAS LINEAR DYNAM THEN LAFARGE	12/10/98	1752	Q	FOR GAPS <3", MOVEMENTS <2" INSTALLED IN LAYERS. MFG APPROVED INSTALLERS.
02440.20	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	BRG MODULAR SYSTEM	DYNAMIC PRODUCTS 716/839-3457 (WAS BRG INDUSTRIES)	01/18/91	618	Q	BS 400 STRIP SEALS & TYPE W STEEL EXTRUSIONS. ANCHOR PER BR150 UNLESS OK'D. "A" LIST AFTER BRIDGE REVIEW.
02440.20	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	ROBEK EXPANSION JOINT (LR)	TECHSTAR, INC WARREN BROWN 419/424-0888	11/14/02	356	Q	SEND DRAWINGS TO BRIDGE. "A" LIST AFTER BRIDGE REVIEW. ANCHOR PER BR150 UNLESS OK'D. LK VERSION REJECTED -BOX SHAPE
02440.20	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	STEELFLEX D-160 W/ L2 SEAL	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	05/11/00	1717	Q	ANCHOR PER BR150 UNLESS OK'D. SUBMIT DRAWINGS TO BRIDGE. "A" LIST AFTER BR APPROVAL. GALV OK.
02440.20	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	STEELFLEX D-240	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800848-1730 BRUCE HOLLIDAY 503-646-0801	12/12/02	2294	Q	ANCHOR PER BR150 UNLESS OK'D. SUBMIT DRAWINGS TO BRIDGE. "A" LIST AFTER BR APPROVAL. GALV OK.
02440.20	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	STEELFLEX D-320	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	12/12/02	2295	Q	ANCHOR PER BR150 UNLESS OK'D. SUBMIT DRAWINGS TO BRIDGE. "A" LIST AFTER BR APPROVAL. GALV OK.
02440.20	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	STEELFLEX D-400	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	12/12/02	2296	Q	ANCHOR PER BR150 UNLESS OK'D. SUBMIT DRAWINGS TO BRIDGE. "A" LIST AFTER BR APPROVAL. GALV OK.
02440.20	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	STEELFLEX D-480	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	12/12/02	2297	Q	ANCHOR PER BR150 UNLESS OK'D. SUBMIT DRAWINGS TO BRIDGE. "A" LIST AFTER BR APPROVAL. GALV OK.

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02440.20	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	WATSON BOWMAN MODULAR - STM WABOMODULAR	WATSON BOWMAN ACME 800/677-4922	05/12/05	616	Q	SE 400 STRIP SEALS, STM SERIES TYPE M1 EXTRUSION. DRAWINGS TO BRIDGE. "A" LIST AFTER REVIEW. ANCHOR PER BR150 UNLESS OK'D.
02440.20	EXPANSION JOINT SYSTEM, NEOPRENE COMPRESSION FOR MOVEMENTS OF < 1 3/4"	BRG MODEL "BP"	DYNAMIC PRODUCTS 716/839-3457 (WAS BRG INDUSTRIES)	01/18/91	619	Q	POLYCHLOROPRENE BASE. WAS BRG INDUSTRIES CONSIDERED 'A' AFTER BRIDGE REVIEW.
02440.20	EXPANSION JOINT SYSTEM, NEOPRENE COMPRESSION FOR MOVEMENTS OF < 1 3/4"	DELASTIC NEOPRENE COMPRESSION JOINT SEAL - MODEL CV	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/12/06	620	Q	SUBMIT SHOP DRAWINGS TO BRIDGE POLYCHLOROPRENE BASE CONSIDERED 'A' AFTER BRIDGE REVIEW.
02440.20	EXPANSION JOINT SYSTEM, NEOPRENE COMPRESSION FOR MOVEMENTS OF < 1 3/4"	WABO COMPRESSION SEAL "WA"	WATSON BOWMAN ACME 800/677-4922	01/18/91	501	Q	SUBMIT SHOP DRAWINGS TO BRIDGE SECTION FOR EACH PROJECT. BASE OF POLYCHLOROPRENE. CONSIDERED 'A' AFTER BRIDGE REVIEW.
02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	BRG MODEL "BS 300"	DYNAMIC PRODUCTS 716/839-3457 (WAS BRG INDUSTRIES)	01/18/91	621	Q	TYPE "A" STEEL EXTRUSIONS. "A" LIST AFTER BRIDGE REVIEW. ANCHOR PER BR150 UNLESS OK'D.
02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	ONFLEX MODEL 40 SEQ	STRUCTURAL ACCESSORIES 203/589-8826 WHITE CAP 503/287-4151 800/452-2994	05/01/88	627	Q	USE TYPE "AM2" STEEL EXTRUSION SUMBMIT DRAWINGS TO BRIDGE. 'A' LIST AFTER BRIDGE REVIEW. ANCHOR PER BR150 UNLESS OK'D.
02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	RJ SERIES STRIP SEAL	R.J. WATSON, INC. 761/691-3301	09/09/93	1006	Q	SUBMIT DRAWINGS TO BRIDGE. "A" LIST AFTER BRIDGE REVIEW. ANCHOR PER BR150 UNLESS OK'D.
02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	STEELFLEX SSA	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	11/14/02	1341	Q	ANCHOR PER BR150 UNLESS OK'D. SUBMIT DRAWINGS TO BRIDGE. "A" LIST AFTER BR APPROVAL. GALV OK.
02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	STEELFLEX SSPA	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	03/11/04	1343	Q	ANCHOR PER BR150 UNLESS OK'D. CONTRACTOR RESONSIBLE FOR ADD'L FORMING NECESSARY SINCE RAIL SHORTER THAN SD.

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02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	TYFO STRIP FS400	HEXCEL FYFE CO. EDWARD FYFE 619/792-1501	06/10/93	893	Q	"A" LIST AFTER REVIEW. SEND DRAWINGS TO BRIDGE. USE J200-C TYPE "A" EXTRUSION. ANCHOR PER BR150 UNLESS OK'D.
02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	WABO STRIP SEAL	WATSON BOWMAN ACME 800/677-4922	05/01/88	890	Q	TYPE "A3" EXTRUSIONS AND TYPE "SE" SEAL. SUBMIT DRAWINGS TO BRIDGE. 'A' LIST AFTER REVIEW. ANCHOR PER BR150 UNLESS OK'D.
02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	WBA STRIP SEAL TYPE-P SE GLAND	WATSON BOWMAN ACME 800/677-4922	03/08/07	3142	Q	ANCHOR PER BR150 UNLESS OK'D. CONTRACTOR RESPONSIBLE FOR ADD'L FORMING NECESSARY SINCE RAIL SHORTER THAN SD.
02440.21	ELASTOMERIC CONCRETE FOR PAVING DAMS	DELCRETE URETHANE W/FIBERGLASS & SAND.	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/878-1730 BRUCE HOLLIDAY 503-646-0801	05/01/89	406	Q	SAND AND FIBERGLASS. NOT TO BE CONFUSED WITH DEL-AGG, WHICH IS NOT APPROVED. DEL-AGG HAS LARGER ROCK & NO FIBERGLASS.
02440.21	ELASTOMERIC CONCRETE FOR PAVING DAMS	WABOCRETE II POLYURETHANE (3 PARTS)	WATSON BOWMAN ACME 800/677-4922	10/14/04	1444	Q	FOLLOW MFG RECOMMENDATIONS. COLD APPLIED - SELF LEVELING CURE:2 HRS. MUST HAVE SOUND CONCRETE UNDER INSTALLATION.
02440.30	POURED JOINT FILLER HOT POURED	BERAM 195	MCASPHALT INDUSTRIES 800/268-4238 PHOENIX ASPHALT 503/289-6696	11/08/07	3538	A	INDEPENDENT TESTS COMPLIED WITH AASHTO M324 TYPE 2
02440.30	POURED JOINT FILLER HOT POURED	CRAFCO ROADSAVER 201 PART #34201	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	12/09/04	476	A	ASTM D 1190/D 3405. 18% RUBBER AND OF THAT 60% IS RECLAIMED TIRE RUBBER. ASPHALT AND CONCR RESPONDED TO MAY 2004 REQUEST.
02440.30	POURED JOINT FILLER HOT POURED	CRAFCO ROADSAVER 221 PART #34221	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	12/09/04	2099	A	ASTM D 1190/D 3405. ASPHALT OR CONCRETE. MEETS AASHTO M324 TYPE II
02440.30	POURED JOINT FILLER HOT POURED ASPHALTIC	DEERY 102	DEERY AMERICAN 800/227-4059 SPECIAL ASPHALT 800/953-6490	11/09/06	3067	A	MFG SUBMITTED INDEPENDEN TESTS FOR AASHTO M-324 TYPE II.

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02440.30	POURED JOINT FILLER HOT POURED ASPHALTIC	DERRY 102GL	DEERY AMERICAN 800/227-4059 SPECIAL ASPHALT 800/953-6490	11/09/06	3330	 A	MFG SUBMITTED INDEPENDEN TESTS FOR AASHTO M-324 TYPE II.
02440.30	POURED JOINT FILLER HOT POURED ASPHALTIC	ELASTOFLEX 500	MAXWELL PRODUCTS 801/972-2090	10/14/04	2823	A	MFG CLAIMS IT MEETS AASHTO M-324 TYPE II.
02440.30	POURED JOINT FILLER HOT POURED ASPHALTIC	ELASTOFLEX 61	MAXWELL PRODUCTS 801/972-2090	10/14/04	1010	A	MFG SUBMITTED INDEPENDEN TESTS FOR AASHTO M-324 TYPE II. WAS 61S (3/01) (ASTM D3405)
02440.30	POURED JOINT FILLER HOT POURED ASPHALTIC HAS RECLAIMED RUBBER	ELASTOFLEX 62	MAXWELL PRODUCTS 801/972-2090	10/14/04	1011	A	MFG SUBMITTED INDEPENDEN TESTS FOR AASHTO M-324 TYPE II. WAS 62R (3/01) (ASTM D3405)
02440.40	RUBBER GASKETS BUTYL	BUTYL-NEK PREFORMED PLASTIC JOINT SEALANT	HENRY SEALANTS 800/231-4549	03/10/05	2789	A	PIPES, CULVERTS, OR MANHOLES.
02440.40	RUBBER GASKETS BUTYL	RAM-NEK FLEXIBLE PLASTIC GASKET	HENRY SEALANTS 800/231-4549	03/10/05	2790	А	PIPES, CULVERTS, OR MANHOLES.
02440.40	RUBBER GASKETS MANHOLES	BEST SEAL C-56	BEST FITT GASKET CO. TARI KNOTT 253/863-9521	05/09/02	2457	A	MFG PROVIDED EVIDENCE THAT THIS PRODUCT MEETS AASHTO M198
02450.30	INLET MATERIALS	CURB INLET TOP SECTION CI-222P	UTILITY VAULT CO. 503/682-2844 REP: JOHN HART 28455 SW BARBER ST. WILSONVILLE, OR 97070	03/13/92	303	Q	PRECAST INLET W/CURB CUT-OUT. HAS A COVER FOR CLEANING INLET MEETS ACI DESIGN GUIDES. BUT CONCERNED W/COASTAL INSTALL.
02450.30	MANHOLE STEPS	AMERICAN MANHOLE STEP ML-10	AMERICAN STEP COMPANY 770/467-9844	01/09/97	1610	A	CO-POLYMER POLYPROPYLENE. USE WHERE 10" STEPS ARE ALLOWED 10" BETWEEN BARS. EXTENDS OUT 5.7".

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02450.30	MANHOLE STEPS	AMERICAN MANHOLE STEP ML-13	AMERICAN STEP COMPANY 770/467-9844	01/09/97	1608	 A	CO-POLYMER POLYPROPYLENE. INTERIOR BARS ARE EPOXY COATED 13" BETWEEN BARS. EXTENDS OUT 6".
02450.30	MANHOLE STEPS	AMERICAN MANHOLE STEP SML-13	AMERICAN STEP COMPANY 770/467-9844	01/09/97	1609	A	CO-POLYMER POLYPROPYLENE. INTERIOR BARS ARE EPOXY COATED 13" BETWEEN BARS. EXTENDS OUT 5.1".
02450.30	MANHOLE STEPS	AMERICAN STEP # ML-10 (STD)	AMERICAN STEP COMPANY 800/988-7837	04/14/05	1870	А	
02450.30	MANHOLE STEPS	AMERICAN STEP # ML-13 (STD)	AMERICAN STEP COMPANY 800/988-7837	04/14/05	1871	А	
02450.30	MANHOLE STEPS	AMERICAN STEP # SML-13 (STD)	AMERICAN STEP COMPANY 800/988-7837	04/14/05	1872	А	
02450.30	MANHOLE STEPS	BOWCO 93813R	BOWCO INDUSTRIES 503/266-9405	09/13/07	3518	А	
02450.30	MANHOLE STEPS	COSMOS MANHOLE STEP	COSMOS NORTH AMERICA, INC. CHRIS DECONTI 202/333-3955 2500 Q ST. NW #605 WASHINGTON D.C., 20007	05/12/94	1064	А	0.5" ASTM A-615 GRADE 60 STEEL BAR INSIDE INJECTION MOLDED POLYPROPYLENE. APPEARS TO MEET OUR SPEC.
02450.30	MANHOLE STEPS	LANE POLYPROPYLENE MANHOLE STEPS	LANE INTERNATIONAL PO BOX 925 TUALITAN, OR 97062 503/684-0077	01/01/89	232	A	
02450.30	MANHOLE STEPS	MA MANHOLE STEPS PS2-PF	MA INDUSTRIES 800/241-8250 PIPE INC 503/285-8391	04/11/02	72	A	

PAGE 127

ODOT CONSTRUCTION/MATERIALS SECTION QUALIFIED PRODUCTS LIST APPROVED LIST - NO SAMPLES OR TESTS REQUIRED* QUALIFIED LIST - ADDITIONAL REQUIREMENTS** JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02510.11	COATING FOR REBAR EPOXY	CORVEL GREEN 10-6071	MORTON INTERNATIONAL POWDER COATINGS 610/775-6600	01/13/94	427	 А	MEETS AASHTO M 284 AS PER VALLEY FORGE LABORATORIES INC., TESTING.
02510.11	COATING FOR REBAR EPOXY	CORVEL GREEN 10-6095	MORTON INTERNATIONAL POWDER COATINGS 610/775-6600	01/11/01	1857	A	MEETS AASHTO M 284 AS PER VALLEY FORGE LABORATORIES INC., TESTING. RECOMMENDED PATCH: APM2038/ACM807
02510.11	COATING FOR REBAR EPOXY	GREENBAR #720A009	VALSPAR 816/421-7400 GARY SCHIMMEL WAS LILLY CORPORATION PRIOR TO 2/2001.	10/14/93	779	A	EPOXY POWDER COATING THAT IS FUSION BONDED TO REBAR FOR AN IMPERMEABLE COATING. RECOMMEND PIPE CLAD PATCH PATCHING MATL.
02510.11	COATING FOR REBAR EPOXY	INTERPON HD34 GREEN HRO46G	INTERN'L PAINT POWDER COATINGS P.O. BOX 924224 HOUSTON, TX 77292-4224 DR. J.D. PONT 800/542-0820	09/12/91	790	A	MEETS AASHTO M 284 AS PER VALLEY FORGE LABORATORIES. MFG RECOM PATCHING MATERIAL IS INTERPON HD5020 (WK002G).
02510.11	COATING FOR REBAR EPOXY	NAP-GARD 7-2709	DUPONT POWDER COATINGS FRITZ HERRMANN 713/939-4000	04/09/92	812	A	MEETS AASHTO M 284, PER VALLEY FORGE TESTING. MFG RECOMMENDED PATCH IS SCOTCHKOTE 213.
02510.11	COATING FOR REBAR EPOXY	NAP-GARD 7-2719	DUPONT POWDER COATINGS FRITZ HERRMANN 713/939-4000	06/14/01	2359	A	MEETS AASHTO M 284, PER VALLEY FORGE TESTING. MFG RECOMMENDED PATCH IS NAPGARD 7-1870.
02510.11	COATING FOR REBAR EPOXY	POWDAX E90	SEIBERT POWDER COATINGS 216/631-2002	05/11/95	1161	A	PATCH MATERIAL: TRU-GLAZE 4 EPOXY, CATALOG #12402 BY DEVOE & REYNOLDS CO. AASHTO M284 TEST PERFORMED BY VALLEY FORGE
02510.11	COATING FOR REBAR EPOXY	RESICOAT 500607	AKZO POWDER COATINGS 708/872-1000 REP: BOB LAMPTON 713/996-8485	08/14/97	1201	A	MFG SUBMITTED INDEPENDENT TEST FOR AASHTO M-284. RECOMMENDED PATCH IS RESICOAT 506610. OK FOR BLAST CLEAN SURFACES.
02510.11	COATING FOR REBAR EPOXY	RESICOAT 500620	AKZO POWDER COATINGS 708/872-1000	08/08/96	1516	A	MFG SUBMITTED INDEPENDENT TEST FOR AASHTO M-284. RECOMMENDED PATCH IS RESICOAT 506610.

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02510.11	COATING FOR REBAR EPOXY	RESICOAT RB-600	AKZO POWDER COATINGS 708/872-1000	07/10/08	3586	 А	MFG SUBMITTED INDEPENDENT TEST FOR AASHTO M-284. RECOMMENDED PATCH IS DENSO PROTAL 7200.
02510.11	COATING FOR REBAR EPOXY	SCOTCHKOTE 215	3-M COMPANY (CORROSION) JOHN STIMSON 512/984-3395	12/12/91	635	A	DRY POWDER. PASSES AASHTO M284 PER RESULTS FROM VALLEY FORGE. MFG RECOM PATCHING MATERIAL IS 3M SCOTCHKOTE 413/215PC.
02510.11	COATING FOR REBAR EPOXY	SCOTCHKOTE 413	3-M COMPANY (CORROSION) JOHN STIMSON 512/984-3395	02/11/93	978	A	TEST RESULTS FROM VALLEY FORGE SHOWS COMPLIANCE WITH M 284. RECOMMENDED PATCHING MATERIAL IS 3M SCOTCHKOTE 413/215PC.
02510.11	COATING FOR REBAR SPLICES	3-M ITCSN HEAT SHRINK SLEEVES	3-M COMPANY 800/545-3573 WALT DAVIS 503/984-7564 PLATT ELECTRIC 503/581-7012	01/11/96	1375	А	THIS APPEARS TO WORK BETTER THAN FIELD APPLIED PATCHES.
02510.11	COATING FOR REBAR SPLICES	SPICESEAL	RJD INDUSTRIES, INC. 800/344-4753 WESTERN COATINGS, INC. 206/735-1070	04/10/97	953	А	THIS APPEARS TO WORK BETTER THAN FIELD APPLIED PATCHES. HEAT SHRINK TUBING
02560.70	LUBRICANTS FOR GALVANIZED FASTENERS	140 STICK-WAX	CASTROL INDUSTRIAL 877/641-1600 IDG 503/288-3252 TYRE OIL 541/687-0076	12/10/93	920	A	
02560.70	LUBRICANTS FOR GALVANIZED FASTENERS	MACDERMID - 17130	MACDERMID, INC. 203/575-5700 ABCO 916/447-9931	12/10/93	922	A	DRY FILM LUBRICANT
02560.70	LUBRICANTS FOR GALVANIZED FASTENERS	SAFETY FILM 639	CASTROL INDUSTRIAL 877/641-1600 IDG 503/288-3252 TYRE OIL 541/687-0076	12/10/93	921	А	USE AS CORROSION RESIST LUBRI- CANT ON VARIOUS FASTENERS. ALSO, USE AS A RUST PROTECTOR.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-2 20" - 32" FLARE 'L' = 25'	FLEAT 350 TL-2 ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	02/10/00	1792	A	(FLEAT)FLARED ENERGY ABSORBING TERMINAL. TESTED AT IMPACT SPEEDS OF 70 KPH / 45 MPH. ENTIRE SYSTEM APPROVED.

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02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-2 NON-FLARED; 'L' = 25'	SKT 350 TL-2 ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	02/10/00	1791	 А	SEQUENTIAL KINKING TERMINAL. TESTED AT IMPACT SPEEDS OF 70 KPH/45 MPH. ENTIRE SYSTEM APPROVED.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-2 NON-FLARED; "L" = 25'	ET PLUS TL-2 (WAS ET2000 TL2) ENERGY ABSORBING UNIT	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 CORAL SALES 800/538-7245	01/12/06	2451	A	SHOULDER TERMINALS WITH 0 DEG FLARE. OK W/SYTP AND SYTP IN A TUBE (2 TUBE SYSTEMS) NOT FOR MEDIANS.ENTIRE SYSTEM APPROVED
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 2' FLARE 'L' = 37.5'	FLEAT-MT ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	05/08/03	2712	A	(FLEAT)FLARED ENERGY ABSORBING TERMINAL. TESTED AT IMPACT SPEEDS OF 100 KPH / 60 MPH. ENTIRE SYSTEM APPROVED.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 3'-4' FLARE 'L'= 37.5'	SRT-350 8 POST SYSTEM NON-ENERGY ABSORBING UNIT	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	04/11/96	1490	A	RAIL END PIECE SRT=SLOTTED RAIL TERMINAL ENTIRE SYSTEM APPROVED. 3/4 OR FULL WRAP ON END PIECE.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 30" - 48" FLARE 'L' = 37.5'	FLEAT 350 TL-3 ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	09/10/98	1792	A	(FLEAT)FLARED ENERGY ABSORBING TERMINAL. TESTED AT IMPACT SPEEDS OF 100 KPH / 60 MPH. ENTIRE SYSTEM APPROVED.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 4' FLARE 'L' = 37.5'	REGENT NON-ENERGY ABSORBING UNIT	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	02/11/99	1864	A	MFG SAYS THIS PRODUCT MEETS NCRHRP 350 TESTING IN BOTH WEAK & STRONG SOIL CONDITIONS. ENTIRE SYSTEM APPROVED.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 NON-FLARED; 'L' = 50'	SKT 350 TL-3 ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	09/10/98	1791	A	SEQUENTIAL KINKING TERMINAL. TESTED AT IMPACT SPEEDS OF 100 KPH/60 MPH. ENTIRE SYSTEM APPROVED.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 NON-FLARED; "L" = 37.5' ALSO FOR "L" = 50'	ET PLUS TL-3 (WAS ET2000 TL3) ENERGY ABSORBING UNIT	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 CORAL SALES 800/538-7245	01/12/06	2451	A	SHOULDER TERMINALS WITH 0 DEG FLARE. OK W/SYTP AND SYTP IN A TUBE (2 TUBE SYSTEMS) NOT FOR MEDIANS.ENTIRE SYSTEM APPROVED
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 STRAIGHT FLARE (4') 'L'= 37.5'	SRT-350 6 POST SYSTEM NON-ENERGY ABSORBING UNIT	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	06/14/01	2433	A	RAIL END PIECE SRT=SLOTTED RAIL TERMINAL ENTIRE SYSTEM APPROVED. 3/4 OR FULL WRAP ON END PIECE.

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	COLUMBIA 17-123 WW	COLUMBIA PAINT 509/535-9741 JEFF BARTSCH 406-721-3815	11/16/00	2364	 A	INSTANT DRY ACRYLIC LATEX WHITE TEST DECK 73000042-99 SERVICE LIFE INDEX=120
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	COLUMBIA 17-123-CC	COLUMBIA PAINT 509/535-9741 JEFF BARTSCH 406-721-3815	11/16/00	2366	А	INSTANT DRY ACRYLIC LATEX YELLOW TEST DECK 73000042-99 SERVICE LIFE INDEX=54
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	ENNIS ORW-21-M-1	ENNIS PAINT 800/331-8118	11/16/00	2361	A	WHITE WATERBORNE TRAFFIC PAINT TEST DECK 73000042-99 SERVICE LIFE INDEX=138
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	ENNIS ORW-21-M-2	ENNIS PAINT 800/331-8118	11/16/00	2363	A	WHITE WATERBORNE TRAFFIC PAINT TEST DECK 73000042-99 SERVICE LIFE INDEX=121
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	ENNIS ORW-21-M-3	ENNIS PAINT 800/331-8118	12/12/02	2736	A	TEST DECK 73000029-01 SERVICE LIFE INDEX= 76
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	ENNIS ORW-21-M-4	ENNIS PAINT 800/331-8118	12/12/02	2735	А	TEST DECK 73000029-01 SERVICE LIFE INDEX= 64 DAS BID 3057, EXP 3/18/06
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	ENNIS ORY-21-M-1	ENNIS PAINT 800/331-8118	11/16/00	2360	А	YELLOW WATERBORNE TRAFFIC PNT. TEST DECK 73000042-99 SERVICE LIFE INDEX=109 DAS BID 3057, EXP 3/18/06
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	ENNIS ORY-21-M-2	ENNIS PAINT 800/331-8118	11/16/00	2362	A	YELLOW WATERBORNE TRAFFIC PAINT TEST DECK 73000042-99 SERVICE LIFE INDEX=101
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	ENNIS ORY-21-M-3	ENNIS PAINT 800/331-8118	12/12/02	2738	A	TEST DECK 73000029-01 SERVICE LIFE INDEX= 54

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	ENNIS ORY-21-M-4	ENNIS PAINT 800/331-8118	12/12/02	2737	 А	TEST DECK 73000029-01 SERVICE LIFE INDEX= 55
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	PERVO 4051-0015 906183	PERVO PAINT 360/815-7677 CORP: 800/892-3647	11/16/00	2380	A	HI BUILD, HI PERFORMANCE WHITE TEST DECK 73000042-99 SERVICE LIFE INDEX=98
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	PERVO 4051-83	PERVO PAINT 360/815-7677 CORP: 800/892-3647	12/12/02	2739	А	TEST DECK 73000029-01 SERVICE LIFE INDEX= 66
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	PERVO 4054-0014 906182	PERVO PAINT 360/815-7677 CORP: 800/892-3647	11/16/00	2382	A	HI-PERFORMANCE, RAPID DRY YELLOW TEST DECK 73000042-99 SERVICE LIFE INDEX=51
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	PERVO 4054-0016 906184	PERVO PAINT 360/815-7677 CORP: 800/892-3647	11/16/00	2381	A	HI BUILD, HI PERFORMANCE YELLOW TEST DECK 73000042-99 SERVICE LIFE INDEX=2
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	PERVO 4054-84	PERVO PAINT 360/815-7677 CORP: 800/892-3647	12/12/02	2740	A	TEST DECK 73000029-01 SERVICE LIFE INDEX= 54
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	TMT PATHWAY O600W2	ENNIS PAINT 800/835-3357 KLYNE MCCARTY 800/331-8118 111 JOHN STEFANI 503-569-0332	04/13/06	2371	A	FAST DRY ACRYLIC WATERBORNE WHITE TEST DECK 73000042-99 SERVICE LIFE INDEX=126
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	TMT PATHWAY O600Y3	ENNIS PAINT 800/835-3357 KLYNE MCCARTY 800/331-8118 111 JOHN STEFANI 503-569-0332	04/13/06	2369	A	FAST DRY ACRYLIC WATERBORNE YELLOW TEST DECK 73000042-99 SERVICE LIFE INDEX=79
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	TMT PATHWAY OR95W5 DURALINE 2000 (2706)	ENNIS PAINT 800/835-3357	04/13/06	1390	A	WATERBORNE TRAFFIC PAINT USING ROHM AND HAAS 2706 RESIN. WHITE. CONTROL ON 1999 TEST DECK - SERVICE LIFE INDEX=89

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02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	TMT PATHWAY OR95W5-1 DURALINE 2000 (3427)	ENNIS PAINT 800/835-3357 KLYNE MCCARTY 800/331-8118 111 JOHN STEFANI 503-569-0332	04/13/00	1916	 A	WATERBORNE TRAFFIC PAINT USING ROHM AND HAAS 3427 RESIN. WHITE. CONTROL ON 2001 TEST DECK - SERVICE LIFE INDEX=42
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	TMT PATHWAY OR95Y7 DURALINE 2000 (2706)	ENNIS PAINT 800/835-3357 KLYNE MCCARTY 800/331-8118 111 JOHN STEFANI 503-569-0332	12/12/96	1390	А	WATERBORNE TRAFFIC PAINT USING ROHM AND HAAS 2706 RESIN. YELLOW CONTROL ON 1999 TEST DECK - SERVICE LIFE INDEX=1
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	TMT PATHWAY OR95Y7-1 DURALINE 2000 (3427)	ENNIS PAINT 800/835-3357 KLYNE MCCARTY 800/331-8118 111 JOHN STEFANI 503-569-0332	04/13/00	1916	A	WATERBORNE TRAFFIC PAINT USING ROHM AND HAAS 3427 RESIN. YELLOW CONTROL ON 2001 TEST DECK - SERVICE LIFE INDEX=41
02840.20	TRAFFIC PAINT BEADS RECYCLED - REGULAR (REFLECTIVE ELEMENTS)	POTTERS BEADS	POTTERS INDUSTRIES, INC. PHIL SEALE 503/266-7814 303/375-1293	12/14/95	1448	A	AASHTO M247-TYPE 1. 5 LB OF BEADS PER GAL OF PAINT FOR ODOT MAINTENANCE:
02840.20	TRAFFIC PAINT BEADS VIRGIN - LARGE (REFLECTIVE ELEMENTS)	MEGALUX BEADS	SWARCO REFLEX 254/562-9879	04/13/00	2199	A	LARGE, VERY CLEAR BEADS. OK FOR LEGENDS & LONG LINE USING DURABLE MARKINGS.
02840.60	PAVEMENT MARKER, RECESSED REFLECTORIZED.	STIMSONITE 944	ENNIS PAINT 800/835-3357	12/13/07	633	A	SIZE: 2" X 4" X .5". EPOXY OR BIT ADHESIVE. GLASS FACED. RECESSED ONLY.
02840.60	PAVEMENT MARKER, RECESSED REFLECTORIZED.	STIMSONITE 948	ENNIS PAINT 800/835-3357	12/13/08	148	А	2.3X 4.7X .52", ROUND CORNERS EPOXY OR BIT ADHESIVE. GLASS FACE ON REFLECTOR.
02840.60	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	RAY-O-LITE ALL ACRYLIC YELLOW: #9706; WHITE: #9708	RAY-O-LITE, DIV OF PAC-TEC DOUG FORRER 800/848-7025 ALPINE PRODUCTS 253/838-4318 TRAFFIC SAFETY 800/547-8518	12/09/99	529	А	SIZE: 4" X 4" X .7". BIT OR EPOXY ADHESIVES. LABS 91-7335 AND 91-7336
02840.60	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	RAY-O-LITE SQUARE SHOULDER YELLOW: #8706; WHITE: #8708	RAY-O-LITE, DIV OF PAC-TEC DOUG FORRER 800/848-7025 ALPINE PRODUCTS 253/838-4318 TRAFFIC SAFETY 800/547-8518	05/01/88	1171	A	SIZE: 4" X 4" X .7". EPOXY OR BIT ADHESIVE.

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02840.60	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	STIMSONITE 88	ENNIS PAINT 800/835-3357	12/13/07	693	 А	SIZE: 4" X 4" X .7". EPOXY OR BIT ADHESIVE. SAME AS MODEL 911 BUT W/O GLASS FACE.
02840.60	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	STIMSONITE 911	ENNIS PAINT 800/835-3357	12/13/07	629	A	SIZE: 4" X 4" X .7". EPOXY OR BIT ADHESIVE. MODEL 911 HAS GLASS FACE.
02840.60	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	STIMSONITE 948	ENNIS PAINT 800/835-3357	12/13/08	148	A	2.3X 4.7X .52", ROUND CORNERS EPOXY OR BIT ADHESIVE. GLASS FACE ON REFLECTOR.
02840.60	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED, ABRASIVE RESISTANT	RAY-O-LITE ALL ACRYLIC ARC II YELLOW:9706-ARC WHITE:9708-ARC	RAY-O-LITE, DIV OF PAC-TEC DOUG FORRER 800/848-7025 ALPINE PRODUCTS 253/838-4318 TRAFFIC SAFETY 800/547-8518	12/09/99	529	A	ABRASIVE RESISTANT VERSION IS MARKED WITH "ARC". BIT OR EPOXY ADHESIVE. SIZE: 4" X 4" X .7".
02840.60	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED, ABRASIVE RESISTANT	STIMSONITE 911	ENNIS PAINT 800/835-3357	12/13/07	629	A	SIZE: 4" X 4" X .7". EPOXY OR BIT ADHESIVE. MODEL 911 HAS GLASS FACE.
02840.60	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED, ABRASIVE RESISTANT	STIMSONITE 948	ENNIS PAINT 800/835-3357	12/12/08	148	A	2.3X 4.7X .52", ROUND CORNERS EPOXY OR BIT ADHESIVE. GLASS FACE ON REFLECTOR.
02840.60	PAVEMENT MARKER, TYPE 2 NON-REFLECTORIZED	ADOT-W AND ADOT-Y	NOVABRITE LLC 925/373-1751 RA LUCAS 562/799-6160	04/11/02	2559	A	ABS PLASTIC. USE BITUMINOUS ADHESIVE ONLY. IS ON CALTRANS AND WSDOT QPL.
02840.60	PAVEMENT MARKER, TYPE 2 NON-REFLECTORIZED	ALPINE ANR-W1 / ANR-Y2 PAVEMENT MARKER	ALPINE PRODUCTS, INC. BART FARRAR 253/838-4318	02/10/00	1786	А	ABS PLASTIC. USE BITUMINOUS ADHESIVE ONLY. IS ON CALTRANS AND WSDOT QPL.
02840.60	PAVEMENT MARKER, TYPE 2 NON-REFLECTORIZED	DIAMOND BACK - ABS	INTERSTATE SALES 800/237-7245	07/09/98	1832	A	APPROVED FOR USE WITH BITUMINOUS ADHESIVES ONLY. IS ON CALTRANS & WSDOT QPL'S. 4" DIAMETER.

PAGE 134

ODOT CONSTRUCTION/MATERIALS SECTION QUALIFIED PRODUCTS LIST APPROVED LIST - NO SAMPLES OR TESTS REQUIRED* QUALIFIED LIST - ADDITIONAL REQUIREMENTS** JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02840.60	PAVEMENT MARKER, TYPE 2 NON-REFLECTORIZED	DIAMOND BACK - POLYPROPYLENE	INTERSTATE SALES 800/237-7245	09/13/01	2235	 А	APPROVED FOR USE WITH BITUMINOUS ADHESIVES ONLY. IS ON CALTRANS & WSDOT QPL'S. 4" DIAMETER.
02840.61	MARKER ADHESIVE - BITUMIN FLEXIBLE	CRAFCO FLEXIBLE BIT ADHESIVE FORMULA #34270	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	06/09/05	2853	Q	OK - PERM JOBS. NOT FOR TEMPORARY INSTALLATIONS. TEST BY LOT.
02840.61	MARKER ADHESIVE - BITUMIN FLEXIBLE	HENRY # 184 FLEXIBLE DOTSTICK	HENRY CO. 800/851-1131 ALPINE PRODUCTS 800/591-9566	06/09/05	2876	Q	OK - PERM JOBS. NOT FOR TEMPORARY INSTALLATIONS. TEST BY LOT.
02840.61	MARKER ADHESIVE - BITUMIN STANDARD	CRAFCO BITUMINOUS ADHESIVE FORMULA #34269	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	05/08/97	238	Q	OK - PERM JOBS BID UNTIL 1/06. OK - TEMP JOBS, NO DATE LIMIT. TEST BY LOT, BUT TESTING NOT NEEDED FOR TEMPORARY PROJECTS.
02840.61	MARKER ADHESIVE - BITUMIN STANDARD	EVERGRIP-OR	GULF STATES ASPHALT CO. VERNON TURNER 800/662-0987	09/14/00	1807	Q	OK - PERM JOBS BID UNTIL 1/06. OK - TEMP JOBS, NO DATE LIMIT. TEST BY LOT, BUT TESTING NOT NEEDED FOR TEMPORARY PROJECTS.
02840.61	MARKER ADHESIVE - EPOXY	POLYCARB MARK 29	POLY-CARB 800/225-5649	07/14/05	2476	Q	
02840.61	MARKER ADHESIVE - EPOXY	POLYCARB MARK 30.1	POLY-CARB 800/225-5649	07/14/05	453	Q	DESIGNED AS A QUICK SETTING VERSION.
02850.10	DELINEATOR, METAL TYPE 1	FRANKLIN DELINEATORS TYPE 1	FRANKLIN INDUSTRIES 814/437-3726 TRAFFIC SAFETY 800/547-8518	11/16/00	2209	A	MET OUR REQUIREMENTS FOR RAIL STEEL.
02850.10	DELINEATOR, METAL TYPE 1U	FRANKLIN DELINEATORS TYPE 1U	FRANKLIN INDUSTRIES 814/437-3726 TRAFFIC SAFETY 800/547-8518	11/16/00	2210	A	MET OUR REQUIREMENTS FOR RAIL STEEL.

ODOT CONSTRUCTION/MATERIALS SECTION QUALIFIED PRODUCTS LIST APPROVED LIST - NO SAMPLES OR TESTS REQUIRED* QUALIFIED LIST - ADDITIONAL REQUIREMENTS** JULY 2008

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02850.30	DELINEATORS, FLEXIBLE TYPE 2	CURV-FLEX ROADMARKER CFRM-400	CARSONITE INC. 800/648-7974 KEITH LEWIS 503/661-9698 TRAFFIC SAFETY 800/547-8518 WSA - WES YOCKEY 503/407-2168	05/01/88	1503	 А	PULTRUDED FIELD MEASURE LENGTHS, SEE SEE STANDARD RD800.
02850.30	DELINEATORS, FLEXIBLE TYPE 2	FLEXSTAKE MODEL 600	FLEXSTAKE, INC. 800/348-9839 JIM ZADRONZNY PUBLIC WORKS SUPPLY 800/754-6551	10/11/01	823	А	PLASTIC ANCHOR, USE HINGE. USE H.I. SHEETING. FIELD MEASURE LENGTHS, SEE STANDARD DRAWING RD800.
02850.30	DELINEATORS, FLEXIBLE TYPE 2	ROADMARKER CRM-375	CARSONITE INC. 800/648-7974 KEITH LEWIS 503/661-9698 TRAFFIC SAFETY 800/547-8518 WSA - WES YOCKEY 503/407-2168	05/01/88	1504	A	FIELD MEASURE LENGTHS, SEE STANDARD DRAWING RD800
02850.30	DELINEATORS, FLEXIBLE TYPE 2	SAFE-HIT, TYPE II	SAFE-HIT CORP. 888/323-6374 MIKE MADDEN 206/932-6146	05/01/88	1029	A	ROUND TUBE W/FLAT FACE. GALV DRIVEN ANCHOR. TWIST/PIN LOCK. FIELD MEASURE LENGTHS, SEE STANDARD DRAWING RD800.
02850.30	DELINEATORS, FLEXIBLE TYPE 3	DELTAPOST, DELTA-3D TYPE III DELTA-3D, TYPE-3	PROVEN PRODUCTS 503/663-0124 7560 S.W. LAVIEW DRIVE PORTLAND, OR 97219 503/244-9185	05/01/88	1950	A	.25" X 7.9' PVC ANCHOR PIPE FIELD MEASURE LENGTHS, SEE STANDARD DRAWING RD800
02850.30	DELINEATORS, FLEXIBLE TYPE 3	SAFE-HIT, TYPE III	SAFE-HIT CORP. 888/323-6374 MIKE MADDEN 206/932-6146 JIM CROWLEY 312/467-6750	05/01/88	1030	A	ROUND TUBE W/FLAT FACE. GALV DRIVEN ANCHOR. TWIST/PIN LOCK. FIELD MEASURE LENGTHS, SEE STANDARD DRAWING RD800.
02850.30	DELINEATORS, FLEXIBLE TYPE 4A GUARDRAIL VERSION	CURV-FLEX ROADMARKER CFGR-427	CARSONITE INC. 800/648-7974 KEITH LEWIS 503/661-9698 TRAFFIC SAFETY 800/547-8518 WSA - WES YOCKEY 503/407-2168	11/14/96	1591	А	THE STANDARD DRW REQUIRES 4 LAG SCREWS TO ANCHOR UNIT.
02850.30	DELINEATORS, FLEXIBLE TYPE 4A GUARDRAIL VERSION	FLEXI-GUIDE 527 (FG-527)	FILTRONA EXTRUSN 877-335-4638 BILL DALY TRAFFIC SAFETY 800/547-8518	07/09/98	1636	A	NTPEP TEST DATA LOOKED GOOD FOR STAND ALONE APPLICATIONS.
02850.30	DELINEATORS, FLEXIBLE TYPE 4A GUARDRAIL VERSION	TD9100 MODEL 510242 GUARDFLEX	THREE D TRAFFIC WORKS 877/843-9757	04/14/05	2696	A	

ODOT CONSTRUCTION/MATERIALS SECTION QUALIFIED PRODUCTS LIST APPROVED LIST - NO SAMPLES OR TESTS REQUIRED* QUALIFIED LIST - ADDITIONAL REQUIREMENTS** JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02910.20	REFLECTIVE SHEETING-BARRI ASTM D4956-TYPE III/VI PRISMATIC	3-M SERIES 334/336	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	06/08/06	2951	 А	FOR BARRICADES. PLASTIC TYPES NEED SPECIAL PREP APPROVED BY 3-M PRIOR TO SHEETING INSTALLATION.
02910.20	REFLECTIVE SHEETING-DRUMS ASTM D4956-TYPE III ENCAPSULATED LENS (BEADED)	3-M SERIES 3810/3814	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	06/08/06	2589	A	FOR TUBES AND DRUMS ONLY.
02910.20	SIGN SHEETING - TYPE I ASTM D4956 ENCLOSED LENS	AVERY DENNISON T-1500	AVERY DENNISON 800/327-5917	06/12/08	2345	Q	T-1500 WHITE, T-1501 YELLOW T-1504 ORANGE; T-1505 BLUE T-1507 GREEN, T-1508 RED, T-1509 BROWN
02910.20	SIGN SHEETING - TYPE III ASTM D4956	NIKKALITE ULTRALITE GRADE II	NIPPON CARBIDE 800/821-4264 ROBERT PARRA 800/821-4264 JAMES JOHNSON 310/632-7500	09/10/98	1704	A	USES ENCAPSULATED LENS REFLEC- TIVE SHEETING. IS AVAILABLE IN SEVERAL COLORS. USEFUL FOR TEMP.AND PERMANENT APPLICATION
02910.20	SIGN SHEETING - TYPE III ASTM D4956 ENCAPSULATED LENS	3-M SERIES 2800 AND 3800 HIGH INTENSITY	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	01/01/95	1279	A	SERIES 2800 - HEAT ACTIVATED SERIES 3200 IS PRESSURE SENSIT W-2870,Y-2871, R-2872, BL-2875 G-2877, BR-2879
02910.20	SIGN SHEETING - TYPE III ASTM D4956 PRISMATIC	3-M SERIES 3930 HIP (3930,3931,3934,3935,3937)	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	09/28/05	2949	A	WHITE, YELLOW, ORANGE, BLUE, & GREEN. (NO FLUORESCENT ORANGE)
02910.20	SIGN SHEETING - TYPE IV ASTM D4956 PRISMATIC	3-M SERIES 3930 HIP (3930,3931,3934,3935,3937)	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	09/08/05	2949	A	WHITE, YELLOW, ORANGE, BLUE, & GREEN. (NO FLUORESCENT ORANGE)
02910.20	SIGN SHEETING - TYPE IV ASTM D4956 PRISMATIC	AVERY DENNISON T-6500	AVERY DENNISON 800/327-5917	09/08/05	1525	A	
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC - TYPE A FLUORESCENT YEL-GREEN	3-M SERIES 3983	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	12/12/96	1898	A	

PAGE 137

ODOT CONSTRUCTION/MATERIALS SECTION QUALIFIED PRODUCTS LIST APPROVED LIST - NO SAMPLES OR TESTS REQUIRED* QUALIFIED LIST - ADDITIONAL REQUIREMENTS** JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC - TYPE A FLUORESCENT YELLOW	3-M SERIES 3981	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	12/12/96	2843	 A	
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC - TYPE A VIP	3-M SERIES 3990 (VIP GRADE) SERIES 3990,91,92,95,97	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	11/09/95	1328	A	FOR URBAN STREET LEVEL. WHITE 3990, YELLOW 3991, RED 3992, BLUE 3995, GREEN 3997
02910.20	SIGN SHEETING - TYPE VII ASTM D4956 PRISMATIC - TYPE B LDP	3-M SERIES 3970 DIAMOND GRADE - WIDE ANGLE	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	01/01/95	1280	A	ORIENTATION IMPORTANT! THIS HAS A TOP, AND CAN NOT BE ROTATED. FOR OVERHEAD APPLICATIONS.
02910.20	SIGN SHEETING - TYPE XI ASTM D4956 PRISMATIC	AVERY DENNISON T-9500	AVERY DENNISON 800/327-5917	06/12/08	3605	A	T-9500 WHITE, T-9501 YELLOW, T-9505 BLUE, T-9507 GREEN T-9508 RED, T-9513 FL YEL/GRN
02910.60	ALTERNATIVE FOR SILK SCREENING.	3-M ELECTRONIC CUTTABLE FILM SERIES 1170	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	09/12/96	1414	A	NEED FOR LEGENDS ON HIGH INTENSITY SHEETING.
02910.70	ANTI-GRAFFITI COATING FOR SIGNS	3-M SERIES 1150 OVERLAY FILM FOR EG AND HI	3-M COMPANY 800/553-1380 SPENCER CANTWELL 530/343-2414	05/09/96	1413	А	FOR 3-M SHEETING ONLY. DESIGNED TO ALLOW EASY REMOVAL OF GRAFFITI.
02910.70	ANTI-GRAFFITI COATING FOR SIGNS	3-M SERIES 1160 OVERLAY FILM FOR EG, HI, DG3, HIP	3-M COMPANY 800/553-1380 SPENCER CANTWELL 530/343-2414	01/10/02	2436	A	FOR 3-M SHEETING ONLY. DESIGNED TO ALLOW EASY REMOVAL OF GRAFFITI.
02910.70	ANTI-GRAFFITI COATING FOR SIGNS	F-CAL PREMIUM PROTECTIVE FILM	NIPPON CARBIDE 800/821-4264 ROBERT PARRA 800/821-4264 JAMES JOHNSON 310/632-7500	07/10/03	1799	A	FOR NIPPON CARBIDE (NIKKOLITE) SHEETING ONLY.
02920.13	JUNCTION BOXES	OMNI VALVE BOX CUSHION	OMNI PRODUCTS P.O. BOX 15319 PORTLAND, OR 97214 503/287-9860	12/13/90	282	A	USES RECYCLED TIRES. WATCH SKID RESISTANCE. NEW VERSION 1/92, APPEARS TO HAVE BETTER SKID RESISTANCE & LIFTING RING

ODOT CONSTRUCTION/MATERIALS SECTION QUALIFIED PRODUCTS LIST APPROVED LIST - NO SAMPLES OR TESTS REQUIRED* QUALIFIED LIST - ADDITIONAL REQUIREMENTS** JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02920.44	RADIO MODEM	GRE AMERICA GINA MODEM	GRE AMERICA,INC. BELMONT,CA RAY CAUDURO, 503/557-0744 CAPITAL ENTERPRS & ENG'G GROUP JOHN IRWIN, 503/363-9290	04/08/99	1703	Q	NEEDS TO BE TESTED PRIOR TO USE. IT IS DESIGNED TO BE USED BETWEEN SIGNAL CONTROLLERS WITHOUT 4 WIRE INTERCONNECTS.
03010.00	FENCING, CHAIN LINK	CYCLONE C-SECTION (ZINC)	GREGORY GALVANIZING 800/322-0477 JIM DESMITH	07/08/93	809	A	GALVANIZED STEEL C-SECTION MANUFACTURER HAS SHOWN CONFORM TO AASHTO M181, GRADE 1. HOT-DIP ZINC COATING.
03010.00	FENCING, CHAIN LINK	SS-40 POSTS	ALLIED TUBE AND CONDUIT 800/882-5543, EXT. 775 REP:PACIFIC FENCE 800/547-2410	12/13/90	374	A	MFG HAS COMPL WITH AASHTO M181 GRADE 2. SUITABLE FOR FENCING. SAMPLING PER SEC 01050 OF THE NON-FIELD TEST ACPTANCE GUIDE.
03010.00	FENCING, CHAIN LINK	TUF 40	AMERICAN TUBE CO. 2525 N. 27TH AVE. PHOENIX, AZ 85009 800/877-8823 OR 602/272-6606	01/17/91	146	A	MFG HAS COMPL WITH AASHTO M181 GRADE 2. SUITABLE FOR FENCING. SAMPLING PER SEC 01050, OF THE NON FIELD TEST ACPTANCE GUIDE.
03010.00	FENCING, CHAIN LINK	WT-40	WHEATLAND TUBE CO. MICHAEL RYAN, 724/342-6851	04/08/99	1847	A	FOR USE IN STEEL FENCE POSTS, RAILS, AND GATE FRAMES. MFTR ASSERTS COMPLIANCE WITH AASHTO M181, AND ASTM F1043.
03010.00	FENCING, REPAIR	V-LOCK FENCE STAYS	V-LOCK FENCE PRODUCTS 5129 GAETZ AVE RED DEER, AB CANADA T4N 4B3 RAY LIEVRE 403/342-4553	01/14/93	798	A	TO KEEP STRETCHED FENCE UP- RIGHT BETWEEN POSTS. IT IS AN ANGLED PIECE OF STEEL WITH SLOTS & A LONG PIN.
03200.00	CHEMICAL DE-ICER	CROTECH CF7	CRYOTECH DEICING TECHNOLOGY 800/346-7237 OR 329/372-6012 6103 ORTHOWAY FT MADISON, IA 52627	08/22/00	974	A	POTASSUUM ACETATE BASED. NO STATEWIDE PRICE AGREEMENT AT THIS TIME.
03200.00	CHEMICAL DE-ICER	CRYOTECH CMA DE-ICER - LIQUID	SURE CROP FARM SUPPLY 541/998-1121 MFG: CRYOTECH DEICING TECH 800/346-7237 OR 329/372-6012	08/22/00	2329	A	CALCIUM MAGNESIUM ACETATE. DAS CONTRACT# 4426. EXPIRES: 11/30/06
03200.00	CHEMICAL DE-ICER	FREEZGARD ZERO WITH SHIELD LSW	NORTH AMERICAN SALT RIC HALL	01/30/03	2775	A	DAS BID # 22999 EXP 7/31/04.

ODOT CONSTRUCTION/MATERIALS SECTION QUALIFIED PRODUCTS LIST APPROVED LIST - NO SAMPLES OR TESTS REQUIRED* QUALIFIED LIST - ADDITIONAL REQUIREMENTS** JULY 2008

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03200.00	CHEMICAL DE-ICER	LIQ MAG CHLORIDE	NORTH AMERICAN SALT RIC HALL 435/864-2568	01/25/06	3278	A	LIQUID MAGNESIUM CHLORIDE DAS CONTACT# 3113. EXP:6/27/06

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.11	FLASHER (BINARY) FOR DELINEATORS	VARI-SPEC FLASHER	FLEX-O-LITE 800/325-9525 CANTEL OF MEDFORD TRAFFIC SAFETY 800/547-8518 AMERICAN BARRICAD 503/285-6616	12/09/93	1073	 R	FIELD TEST WAS NOT IMPRESSIVE. THIS IS A BINARY REFLECTOR. USES MOTION & LIGHT TO CREATE THE FLASH. MORE INFO COMING.
00225.11	FLASHER (SOLAR POWERED) FOR DELINEATORS	GUARD LIGHT	FURUKAWA BATTERY CO., LTD. REP: WELTANCO INC 713/496-5484 14780 MEMORIAL DR, SUITE 211 HOUSTON TX 77079	10/14/93	1002	R	SMALL UNIT THAT UTILIZES HARD TO REACH ON-OFF SWITCH. COULD BE EASILY DAMAGED OR STOLEN.
00225.11	FLASHER (SOLAR POWERED) FOR TUBULAR MARKERS	PIKA SAFETY LIGHT	WELTANGCO INC. 14780 MEMORIAL DRIVE,SUITE 211 HOUSTON, TX 77079 713/496-5484	11/15/90	567	R	WRONG COLOR, THEFT A PROBLEM
00225.11	SIGN SHEETING - TYPE O4 RIGID - WORKZONE ODOT TYPE 04 FLUORSCENT ORANGE	NIKKOLITE CRG 94047 ASTM D4956 TYPE IV	NIPPON CARBIDE 800/821-4264	04/13/06	2840	R	FLUORESCENT ORANGE. WE DROPPED THIS TYPE OF SHEETING FROM THE TYPES ALLOWED IN WORKZONES FOR JOBS BID AFTER 1/1/06.
00225.11	SIGN SHEETING, ROLL-UP FLUORESCENT ORANGE	REFLEXITE - SUPER BRIGHT	REFLEXITE CORP. 800/654-7570	11/16/00	1514	R	DID NOT HOLD UP WELL IN TESTS. WAS NOT VERY VISIBLE IN POOR LIGHT CONDITIONS. OK FOR JOBS BID PRIOR TO 1/2001.
00225.11	SIGN SHEETING, ROLL-UP ORANGE	REFLEXITE - STANDARD SHEETING	REFLEXITE CORP. 800/654-7570	11/16/00	1559	R	DID NOT HOLD UP WELL IN TESTS. WAS NOT VERY VISIBLE IN POOR LIGHT CONDITIONS. OK FOR JOBS BID PRIOR TO 1/2001.
00225.11	SIGN SUBSTRATE FOR WORKZONE	ALPOLIC 350	KORMAN SIGNS 800/296-6050	06/12/03	2678	R	NOT CRASH TESTED WITH ALL THE SIGN SUPPORTS WE ALLOW. ALUMINUM COMPOSITE WITH THERMOPLASTIC CORE.
00225.11	SIGN SUBSTRATE FOR WORKZONES	DIBOND	ALUSUISSE COMPOSITES ALCAN COMPOSITES 425/369-2960	02/13/03	2493	R	NOT CRASH TESTED WITH ALL THE SIGN SUPPORTS WE ALLOW. ALUMINUM SANDWICH WITH A POLYETHYLENE CORE.
00225.11	SIGN SUPPORTS, PORTABLE BARRIER MOUNT	INTERSTATE SIGN STAND MBC-15	EASTERN METALS 800/872-7446 ZUMAR INDUSTRIES 800/426-7967	02/10/00	1813	R	TOO WIDE, PRESENTS A SNAGGING HAZARD. CLAMPS MIGHT BE DESTUCTIVE TO BARRIER.

JULY 2008

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00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	ECONO BUSTER	TRAFFIX DEVICES TODD MELIN 949/361-5663 CARY LEMONDS 801/446-4450 JEFF PETERSON 503/390-1113	05/11/00	2252	R	CRASH TESTING? WIND LOAD TESTING?
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	INTERSTATE SIGN STAND X-600	EASTERN METALS 800/872-7446 ZUMAR INDUSTRIES 800/426-7967 FORESS SIGN CO 541/928-5858	06/08/00	1818	R	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS ONLY. DO NOT USE WITH RIGID SIGNS. THIS UNIT IS VERY TALL.
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	SIGN-UP MS 1000-X (48-FU)	SIGN-UP CORPORATION 800/659-6466	06/08/00	2271	R	NO CRASH TESTING SUBMITTED. NO WIND STABILITY TESTS FROM MANUFACTURER EITHER.
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	WINDMASTER MODEL 4812	MDI 800/521-6776 DAVID HILLSTROM 248/553-1900 LANNIE HYDE 916/645-8686	06/08/00	2289	R	DOES NOT PASS THE WIND STABILITY REQUIREMENTS.
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	WINDMASTER MODEL 4814 DLK	MDI 800/521-6776 DAVID HILLSTROM 248/553-1900 LANNIE HYDE 916/645-8686	06/08/00	2290	R	DOES NOT PASS THE WIND STABILITY REQUIREMENTS.
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	YODOCK BARRIER 2001	YODOCK WALL CO. 888/496-3625	10/14/04	2651	R	DOES NOT MEET OUR SPECS.
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	YODOCK BARRIER 2001M	YODOCK WALL CO. 888/496-3625	10/14/04	2652	R	DOES NOT MEET OUR SPECS.
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	ZEPHYR PORTABLE SIGN STAND	TRAFFIX DEVICES TODD MELIN 949/361-5663 CARY LEMONDS 801/446-4450 JEFF PETERSON 503/390-1113	07/12/01	2310	R	DID NOT HAVE ADJUSTMENTS ON THE LEGS FOR UNEVEN GROUND.
00225.12	BARRICADE, TEMP - MISC.	CORDONATOR	COGENT ENTERPRISE 586/978-8381 AMERICAN BARRICADE503/285-6616	01/08/04	2422	R	PLASTIC CHANNELIZER - FOLDABLE IT DOES NOT MEET OUR SPECS FOR DRUMS OR BARRICADES. POOR RESPONSE FROM THE MFG.

JULY 2008

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00225.12	BARRICADE, TEMP - MISC. VERTICAL	ULTRA PANEL	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	03/09/00	2167	R	CAN BE SET UP INCORRECTLY TOO EASY. NOT ALL-DIRECTIONAL. LIMITED USE, RT OR LT LANE CLOSURES WOULD NEED DUAL INVEN
00225.12	BARRICADE, TEMP - MISC. VERTICAL PANEL	AIR SPILL BARRICADE	FLASHER HANDLING CORP. 800/451-0636	05/11/00	326	R	VERTICAL PANELS HAVE NOT BEEN APPROVED IN OR. THEY ARE NOT OMNI-DIRECTIONAL.
00225.12	BARRICADE, TEMP - TYPE 1	LIFE VEST	PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518	06/12/03	2742	R	DOES NOT MEET OUR SPECS FOR BARRICADES.
00225.12	BARRICADE, TEMP - TYPE 1	MAXICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 CARY LEMONDS 801/446-4450 JEFF PETERSON 503/390-1113	05/11/00	385	R	UP-RIGHT STANDS ARE ORANGE, WE REQUIRE WHITE.
00225.12	BARRICADE, TEMP - TYPE 2	LIFE VEST	PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518	06/12/03	2742	R	DOES NOT MEET OUR SPECS FOR BARRICADES.
00225.12	BARRICADE, TEMP - TYPE 2	MAXICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 CARY LEMONDS 801/446-4450 JEFF PETERSON 503/390-1113	05/11/00	385	R	UP-RIGHT STANDS ARE ORANGE, WE REQUIRE WHITE.
00225.12	BARRICADE, TEMP - TYPE 2	TD2100 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757 PUBLIC WORKS SUPPLY GREG MCDONALD 503/678-2981	01/13/05	2682	R	ALL PLASTIC. BOTTOM PANEL TOO CLOSE TO THE GROUND.
00225.12	BARRICADE, TEMP - TYPE 3	ITASCA TYPE III BARRICADE	ITASCA PLASTICS 630/443-4446 EXT 46	04/11/02	2478	R	BARRICADE BOARD ONLY. WE DO NOT APPROVE PARTS OF A SYSTEM. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2500-270244 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3175	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.

JULY 2008

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00225.12	BARRICADE, TEMP - TYPE 3	TD2500-270374 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3176	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2500-270504 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3177	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2500-270634 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3178	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2550-275244 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3179	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2550-275374 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3180	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2550-275504 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3181	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2550-275634 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3182	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2600-285117 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3183	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2600-285247 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3184	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.

JULY 2008

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00225.12	BARRICADE, TEMP - TYPE 3	TD2600-285377 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3185	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2600-286625 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3186	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2600-286755 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3187	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2600-286885 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3188	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2650-280117 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3189	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2650-280247 WORKS BARRICADE	THREE D TRAFFIC WORRS SCOTT BEHM 877/843-9757	02/09/06	3190	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2650-280377 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3191	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2650-281625 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3192	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	TD2650-281755 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3193	R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.

JULY 2008

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00225.12	BARRICADE, TEMP - TYPE 3	TD2650-281885 WORKS BARRICADE	THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757	02/09/06	3194	 R	SHEETING IS NOT ALLOWED ON BOTH SIDES OF THE PANEL. NO SIGNS AND/OR LIGHTS.
00225.12	BARRICADE, TEMP - TYPE 3	YODOCK BARRIER 2001	YODOCK WALL CO. 888/496-3625	10/14/04	2651	R	DOES NOT MEET OUR SPECS.
00225.12	BARRICADE, TEMP - TYPE 3	YODOCK BARRIER 2001M	YODOCK WALL CO. 888/496-3625	10/14/04	2652	R	DOES NOT MEET OUR SPECS.
00225.12	BARRICADE, TEMPORARY	MULTI-BARRIER SAFETY BARRICADE	OFF THE WALL PRODUCTS 888/363-7740	12/09/99	2004	R	NOT APPROVED FOR USE WITH A BARRICADE PANEL MOUNTED. CAN'T SEE THROUGH IT.
00225.12	IMPACT ATTENUATOR, TEMPORARY, NARROW APPS. NCHRP 350 TL-3, GATING IMPACT SPEED 100KPH/60MPH	ABSORB 350 TL-3	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888	11/09/06	2336	R	DESIGNED FOR FRONT OF QUICK BARRIER. HI DEFLECT AND MAINT. NON-REDIRECTIVE. NOT APPROV FOR REGULAR BARRIER
00225.12	IMPACT ATTENUATOR, TEMPORARY, NARROW APPS. NCHRP 350 TL-3, GATING IMPACT SPEED 100KPH/60MPH	ADIEM 350	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	11/09/06	1663	R	FOR FRONT OF CONCRETE BARRIER. LONGTERM DURABILITY OF PERLITE BLOCKS QUESTIONED. REDIRECTIVE PROBLEMS REPORTED BY WSDOT.
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 230	ALPHA 1000	ENERGY ABSORPTION SYSTEMS, INC 312/467-6750 CORAL SALES: 800/538-7245	07/08/99	998	R	NOT BEEN TESTED TO NCHRP 350. OK FOR NCHRP 230 ONLY. ODOT MAINTENANCE: OK CURRENTLY OWNED UNITS FOR USEFUL LIFE.
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 230	ALPHA 2001 MD	ENERGY ABSORPTION SYSTEMS, INC 312/467-6750 CORAL SALES: 800/538-7245	07/08/99	997	R	NOT BEEN TESTED TO NCHRP 350. OK FOR NCHRP 230 ONLY. ODOT MAINTENANCE: OK CURRENTLY OWNED UNITS FOR USEFUL LIFE.
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 230	ALPHA 60 MD	ENERGY ABSORPTION SYSTEMS, INC 312/467-6750 CORAL SALES: 800/538-7245	07/08/99	1091	R	NOT BEEN TESTED TO NCHRP 350. OK FOR NCHRP 230 ONLY. ODOT MAINTENANCE: OK CURRENTLY OWNED UNITS FOR USEFUL LIFE.

JULY 2008

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00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 230	HEX-FOAM TMA	ENERGY ABSORPTION SYSTEMS, INC 312/467-6750 CORAL SALES: 800/538-7245	07/08/99	996	R	NOT BEEN TESTED TO NCHRP 350. OK FOR NCHRP 230 ONLY. ODOT MAINTENANCE: OK CURRENTLY OWNED UNITS FOR USEFUL LIFE.
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 230	HEXCEL TMA	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	07/08/99	1304	R	NOT BEEN TESTED TO NCHRP 350. OK FOR NCHRP 230 ONLY. ODOT MAINTENANCE: OK CURRENTLY OWNED UNITS FOR USEFUL LIFE.
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 350 TL-3	RENCO RAM 100K TMA	RENCO SUPPLY 512/251-2421 JML SERVICES 916/635-3054	06/10/04	2703	R	MARGINALLY MET TL-3, BUT THE WINDSHIELD PENETRATED THE PASSENGER COMPARTMENT.
00225.12	IMPACT ATTENUATOR, TRUCK MOUNTED NCHRP 350 TL-3	UMAD	DIMENSIONAL PRODUCTS INC. 410/646-0040 RUSS BEEBE 503/371-2882	12/14/00	2300	R	ENCAPSULATION OF IMPACT CAR. FHWA APPROVAL WAS MARGINAL. ROLL AHEAD DISTANCE WAS EXCESSIVE.
00225.12	MARKERS, TUBULAR, SURFACE MOUNTED	ASTRO REBOUNDER FLEXIBLE POST	ASTRO OPTICS CORP 847/488-9151 GARY KINBERG 847/488-9151	09/09/99	1708	R	DOES NOT MEET SPECS FOR DIA. SPECS: 3" THIS PRODUCT: 2.3".
00225.13	MARKERS, CONICAL TEMPORARY	RADIATOR PVC BLACK BASED CONE MODEL 28POHSL	RADIATOR SPECIALTY 800/438-4532 PACIFIC SAFETY SUPPLY 800/333-5641	05/09/02	2314	R	DID NOT MEET OUR CONSTRUCTION SPEC; ONLY ONE PIECE, MADE OF PVC, BASE NOT BIG ENOUGH, NOT HEAVY ENOUGH, WRONG TAPER RATE
00225.13	MARKERS, CONICAL TEMPORARY	STACKER	ROADMARKER CO. 800/331-2332 REP:BILL THURSTON	07/08/99	203	R	HAS NOT BEEN TESTED TO NCHRP 350 YET. MFG IS WORKING ON IT.
00225.13	MARKERS, CONICAL TEMPORARY	T-TOP STACKABLE CONE	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	03/09/00	2168	R	BASE IS TOO SMALL. UNIT IS TOO LIGHT.
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	CHANNELIZER WAS SUPERDUCK II CHANNELIZER	CARSONITE INC. 800/648-7974 DISTRIBUTER: TRAFFIC SAFETY DICK PARSONS 800/547-8518 WSA - WES YOCKEY 503/407-2168	06/08/00	514	R	SIMILAR TO SUPER DUCK. DOESN'T MEET OUR SPEC FOR A MINIMUM DIAMETER OF 3".

JULY 2008

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00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	E-BASE SURFACE MOUNTED POST	FLEXSTAKE, INC. 800/348-9839 JIM ZADRONZNY	03/09/06	3239	R	NOT VERY DURABLE LOOKING. DOES NOT MEET OUR MIN. 3" DIA REQUIREMENT.
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	FLEXI-GUIDE 300 UR	FILTRONA EXTRUSN 877-335-4638 BILL DALY	04/14/05	1710	R	T-SHAPED DEVICE, IT IS ONLY 2.5" IN DIA. WE REQUIRE MIN 3"
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	FLEXSTAKE MODEL 700 WAS MODEL SM	FLEXSTAKE, INC. 800/348-9839 JIM ZADRONZNY PUBLIC WORKS SUPPLY 800/754-6551	0 6 /08/00	861	R	SURFACE MOUNTED WITH ADHESIVE. DIA DOES NOT MEET SPEC (3"). FLAT BODY WITH ROUND CENTER, & HINGE. SIZE 0.9" X 3"
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	FLEXSTAKE MODEL 750 WAS MODEL TM	FLEXSTAKE, INC. 800/348-9839 JIM ZADRONZNY PUBLIC WORKS SUPPLY 800/754-6551	06/08/00	1481	R	SURFACE MOUNTED WITH HINGE. DIA DOES NOT MEET SPEC (3"). THIS UNIT IS ROUND 2.2" DIA.
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	GREENLINE DELINEATOR	GREENLINE PRODUCTS (FORMTECH ENTERPRISES) 800/438-4733	06/08/00	1074	R	DESIGNED FOR MOUNTING ON AC OR PCC SURFACES. IT IS NOT ROUND. RE-EVALUATED 6/00 STILL REJECT IT IS FLAT, SLIGHTLY CURVED.
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	MASTERFLEX SURF MTD CHANNELIZR	BENT MANUFACTURING 888/882-2368 OR 888/842-0600	06/08/00	1528	R	DESIGNED FOR BETTER VISIBILITY AND DURABILITY THAN EXISTING. IT IS ONLY 2" DIA, OUR SPEC REQUIRES MINIMUM OF 3".
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	REPO 300 TUBULAR MARKER	WESTERN HIGHWAY PRODUCTS 10650 FERN AVE STANTON, CA 90680 714/761-4811	06/08/00	436	R	SURFACE MOUNTED DELINEATOR DOES NOT MEET OUR SPEC FOR MINIMUM DIAMETER OF 3".
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	RUBBER TOUGH DELINEATOR POST	SAFE-HIT CORP. 888/323-6374 MIKE MADDEN 206/932-6146	06/09/05	2723	R	NO RESPONSE TO MULTIPLE REQUESTS FOR INFO.
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	SAFE-HIT GUIDE POST CHANNELIZER	SAFE-HIT CORP. 888/323-6374 MIKE MADDEN 206/932-6146	06/08/00	223	R	SURFACE MOUNTED. DOES NOT MEET THE SPEC FOR 3" MINIMUM DIAMETER.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	TD5200-520948 CHANNELFLEX	THREE D TRAFFIC WORKS 877/843-9757	07/08/04	2692	R	DID NOT MEET MINIMUM DIAMETER REQUIREMENTS (2.25 VS 3").
00225.13	MARKERS, TUBULAR, SURFACE MOUNTED	TD5300 CHANNELGARD	THREE D TRAFFIC WORKS 877/843-9757	02/09/06	2693	R	DOES NOT LOOK VERY DURABLE.
00225.13	PAVEMENT MARKER, TEMPORARY	SWARCO TEMPORARY	SWARCO INDUSTRIES P.O. BOX 89 COLUMBIA, TN 38402-0089 615/388-5900	0 8 /10/88	135	R	EVALUATED ON PAVEMENT MARKING TEST PROJECT, SALEM PARKWAY ORIGINAL REPORT THAT THIS PRODUCT WAS QUALIFIED IS WRONG
00225.13	PLASTIC DRUMS TEMPORARY	BAR-L-CADE II	LAKESIDE PLASTICS INC. 414/235-4513 TRAFFIC SAFETY SUPPLY CO 800/547-8518	10/04/90	226	R	REJECTED DOES NOT MEET REQUIRE OF MUTCD (LEGS OR SIDES) IT IS HIGH DENSITY
00225.13	PLASTIC DRUMS TEMPORARY	CORDONATOR	COGENT ENTERPRISE 586/978-8381 AMERICAN BARRICADE503/285-6616	01/08/04	2422	R	PLASTIC CHANNELIZER - FOLDABLE IT DOES NOT MEET OUR SPECS FOR DRUMS OR BARRICADES. POOR RESPONSE FROM THE MFG.
00225.13	PLASTIC DRUMS TEMPORARY	ENFORCER	RADIATOR SPECIALTY 800/438-4532	01/08/04	2423	R	NOT COMFORABLE WITH THE TYPE OF PLASTIC USED, APPEARS SAME AS WAS USED ON OLD RADIATOR DRUM THAT BLEW UP WHEN HIT.
00225.13	PLASTIC DRUMS TEMPORARY	HIGHWAY TECH DRUM HTLD-4EG	EASTERN MOLDING INTERNATIONAL 585/344-0220	11/09/04	2741	R	THIS VERSION ONLY USABLE ON JOBS BID PRIOR TO 1/2005. SHEETING INCORRECT.
00225.13	PLASTIC DRUMS TEMPORARY	SAFE-T-DRUM PART #9700	RADIATOR SPECIALTY 800/438-4532 RA LUCAS CO. 562-799-6160 PACIFIC SAFETY 503/364-5641	12/10/98	58	R	14# VERSION ORIG APPROVED, BUT PERFORMANCE WAS POOR. USE IS ALLOWED ONLY ON JOBS BID BEFORE JULY 1999.
00225.13	TAPE, NON-REFLECTIVE TEMPORARY, REMOVABLE	BRITELINE BLACKOUT-SERIES 100	BRITE-LINE 877/375-1293 BILL JUBAK 440/926-0013	06/10/04	2798	R	MFG WARNED ABOUT WASH-OUT WHEN DRIVING INTO SUN.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.13	TRAFFIC ARROW TEMPORARY	TEMPORARY TRAFFIC ARROW	SAFETY TECH, INC. P.O. BOX 2253 EUGENE, OR 97402 DAN ALLSUP 503/345-9633	05/09/91	87	R	ARROW WAS TOO SMALL, WASN'T SELF CLEANING. IT WAS TRIED ON SEVERAL PROJECTS.
00225.15	TRAFFIC SIGNAL, PORTABLE SHORT TERM, TRAILER MOUNT	HORIZON SQ-2	HORIZON SIGNAL 800/852-8796 HIWAY SPECIALTIES 503/390-1113	12/12/02	852	R	DOES NOT MEET OUR SPECS. IT IS NOT TALL ENOUGH.
00225.15	TRAFFIC SIGNAL, PORTABLE TRAILER MOUNTED SHORT TERM	GTEL PORTABLE FLAGMAN	GEORGETOWN ELECTRIC 302/652-4836	0\$/11/95	1295	R	DOES NOT MEET OUR SPECS. IT IS WRONG VOLTAGE, NOT CENTERED IN LANE, NOT INTERCONNECTABLE. CONFLICT MONITOR?
00225.16	PCMS / PVMS - TRAILER FLIP DISC	NIGHTHAWK 340	US TRAFFIC / DISPLAY SOLUTIONS 800/733-7872 NELSON FLACK	06/13/96	1183	R	FAILED 5/96 DEMO. DID NOT ATTEND REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER FLIP DISK.	ADDCO DOT-SIGN	ADDCO 651/488-8600 DAVID BERKMAN 206/542-4624 TRAFFIC SAFETY 800/547-8518	12/14/00	225	R	DOT MATRIX FLIP DISK SYSTEM. ILLUMINATION BY ULTRAVIOLET FLUORESCENT BLACKLIGHT. NO NEW JOBS AFTER 12/2000.
00225.16	PCMS / PVMS - TRAILER FLIP DISK.	GUARDIAN TRILUX PCMS	3-M COMPANY 800/553-1380 DAN SKITES 800/727-9111 SERVICED BY ADDCO 800/616-4408 (WAS AMERICAN ELECTRONIC 1/01)	12/14/00	1552	R	FLIP DISC, USES 3M DIAMOND GRADE REFLECTIVE SHEETING W/ BACK LIGHTING. YELLOW ONLY. NO NEW JOBS AFTER 12/2000.
00225.16	PCMS / PVMS - TRAILER NON SOLAR, LED	INSTALERT RAPID MESSENGER MODEL # 4000159	ALL TRAFFIC SOLUTIONS 866/366-6602	01/13/05	3026	R	FITS INTO TRUCK OF CAR. TOO SMALL TO MEET OUR SPECS. WILL NOT MEET THE FORMAT WE REQUIRE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 1367 PIXELS/SIGN	MESSAGE MASTER 2000 MDL 102	ADVANCED SAFETY PRODUCTS STAN SCOTT, 760/728-3400	10/10/02	1367	R	DID NOT ATTEND REQUIRED DEMO ON 9/24/02. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 2 LED'S PER PIXEL	AMSIG CMS T331	AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12 NATIONAL BARRICADE CO. 206/523-4045	10/10/02	1554	R	PASSED 5/96 DEMO, BUT DID NOT ATTEND REQUIRED 9/24/02 DEMO. CAN BE USED ON JOBS BID THRU 12/2005.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.16	PCMS / PVMS - TRAILER SOLAR - 3 LED'S PER PIXEL	ADDCO DH-1000-ALS-3 ODOT	ADDCO 651/488-8600 DAVID BERKMAN 206/542-4624 TRAFFIC SAFETY 800/547-8518	10/10/02	2672	R	FAILED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 3 LED'S PER PIXEL	SILENT MESSENGER II MB2848	SOLAR TECHNOLOGY, INC. BYRON ZERPHY 800/475-5442 BOB KENNETT 800/544-4939	05/11/00	2223	R	FAILED 3/14/2000 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	ADDCO DH-1000 SCB BRICK	ADDCO 651/488-8600 DAVID BERKMAN 206/542-4624 TRAFFIC SAFETY 800/547-8518	06/08/00	2221	R	FAILED 7/99 DEMO. DID NOT ATTEND REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	ALLMAND MB6200	ALLMAND BROTHERS 800/562-1373	09/12/02	2222	R	FAILED 4/13/00 DEMO. FAILED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	CMS 300 MESSAGE BOARD	NATIONAL SIGNAL, INC. 888/994-0300 CANTEL OF MEDFORD 541-773-2765 REP: JOHN HUGHES	05/11/00	1846	R	FAILED 3/14/00 DEMO. DID NOT ATTEND REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	ER 200 MESSAGE SIGN - TRAILER	NATIONAL SIGNAL, INC. 800/994-0300	11/12/98	1845	R	FAILED 10/98 DEMO. DID NOT ATTEND REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	SMC 1000HE	PRECISION SOLAR CONTROLS 972/278-0553	10/10/02	2679	R	FAILED REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	SOLAR MESSAGE CENTER 1000	PRECISION SOLAR CONTROLS 972/278-0553	10/10/02	1101	R	DIDN'T ATTEND REQUIRED 9/24/02 DEMO. CAN BE USED ON JOBS BID THRU 12/2005.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	SUNRAY 340	US TRAFFIC / DISPLAY SOLUTIONS 800/733-7872	12/08/05	1324	R	PASSED 11/96 DEMO, DID NOT ATTEND 9/24/02 DEMO. FAILED 10/6/05 DEMO, COULDN'T DISPLAY 8 SPEC CHARACTERS/LINE.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	VANGUARD VP-1000	DAKTRONICS 888/325-8766	09/12/02	2674	 R	FAILED REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	VER-MAC PCMS 1210 ALSO CALLED 1210RS	VER-MAC 888/488-7446	10/10/02	2517	R	FAILED REQUIRED DEMO 9/24/02. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	VU POINTE	NATIONAL SIGNAL, INC. 800/994-0300	10/10/02	2584	R	FAILED REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	WTLMB-S-LL	WANCO, INC. 800/972-0755	10/10/02	1751	R	NOT REVIEWED YET, AND DID NOT ATTEND THE REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 5 LED'S PER PIXEL	CMS T333	AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12	10/12/00	2225	R	FAILED DEMO 3-14-00. DID NOT ATTEND REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 5 LED'S PER PIXEL	VU POINTE FM	NATIONAL SIGNAL, INC. 800/994-0300	10/10/02	2585	R	FAILED REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - HYBRID W/1 LED	GUARDIAN TRILUX 1 "JR" PCMS	3-M COMPANY 800/553-1380 DAN SKITES 800/727-9111 SERVICED BY ADDCO 800/616-4408 (WAS AMERICAN ELECTRONIC 1/01)	02/12/98	1711	R	FAILED 10/15/98 DEMO. FAILED BRIEF 11/9/98 REVIEW. DID NOT ATTEND 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - HYBRID W/1 LED	SUNRAY HYBRID PCMS	US TRAFFIC / DISPLAY SOLUTIONS 800/733-7872 NELSON FLACK	12/12/96	1612	R	FAILED 11/96 DEMO. DID NOT ATTEND REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - HYBRID W/2 LED'S	CMS T321	AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12	10/10/02	1789	R	DIDN'T ATTEND REQUIRED 9/24/02 DEMO. DO NOT USE.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.16	PCMS / PVMS - TRAILER SOLAR - HYBRID W/4 LED'S.	GUARDIAN TRILUX-4 PCMS	3-M COMPANY 800/553-1380 DAN SKITES 800/727-9111 SERVICED BY ADDCO 800/616-4408 (WAS AMERICAN ELECTRONIC 1/01)	10/10/02	1553	R	PASSED 5/96 DEMO, BUT DID NOT ATTEND REQUIRED DEMO 9/24/02. CAN BE USED ON PROJECTS BID THRU 12/2005.
00225.16	PCMS / PVMS - TRUCK	VANGUARD VP-2100	DAKTRONICS 888/325-8766	12/08/05	3216	R	FAILED DEMO ON 10/6/05. IT COULD NOT DISPLAY 8 SPEC CHARACTERS/LINE. ALSO FAILED LEGIBILITY AT NIGHT.
00225.16	PCMS / PVMS - TRUCK 1 LINE- 4 LED'S PER PIXEL	LITEREADER 1010	LITESYS INC. / INTELICOM, INC. 406/388-9317	08/13/98	1517	R	WE DO NOT LIST ONE LINE MESSAGE BOARDS. DO NOT USE.
00225.16	PCMS / PVMS - TRUCK 2 LINES-13 LEDS PER PIXEL	MESSAGE MASTER 2000 MDL 72-16	ADVANCED SAFETY PRODUCTS STAN SCOTT, 760/728-3400	10/08/98	1369	R	FAILED 8/98 DEMO. DID NOT ATTEND THE REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	ADDCO BRICK TM 4200 HHD	ADDCO 651/488-8600 DAVID BERKMAN 206/542-4624 TRAFFIC SAFETY 800/547-8518	10/10/02	2670	R	PASSED 7/99 DEMO, BUT DIDN'T ATTEND REQUIRED 9/24/02 DEMO. CAN BE USED ON JOBS BID THRU 12/2005.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	ADDCO TM-3200	ADDCO 651/488-8600 DAVID BERKMAN 206/542-4624 TRAFFIC SAFETY 800/547-8518	12/08/05	3224	R	FAILED LEGIBILITY TEST 10/6/05 AND COULD ONLY DO 6 SPEC CHARACTERS PER LINE.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	ER 200 MESSAGE SIGN - TRUCK	NATIONAL SIGNAL, INC. 800/994-0300	10/10/02	1852	R	PASSED 7/98 DEMO, BUT DID NOT ATTEND REQUIRED 9/24/02 DEMO. CAN BE USED ON JOBS BID THRU 12/2005.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	LITEREADER 1020	LITESYS INC. / INTELICOM, INC. 406/388-9317	10/10/02	1518	R	PASSED 5/96 DEMO, BUT DID NOT ATTEND THE REQUIRED 9/02 DEMO. CAN BE USED ON PROJECTS BID THRU 12/2005.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	LITEREADER 1020F-4W	LITESYS INC. / INTELICOM, INC. 406/388-9317	12/08/05	3219	R	FAILED 10/6/05 DEMO. INCORRECT FORMAT.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	wmrt-2	WANCO, INC. 800/972-0755	10/10/02	1853	 R	PASSED DEMO 7/98, BUT DID NOT ATTEND REQUIRED DEMO 9/24/02. CAN BE USED ON JOBS BID THRU 12/2005.
00225.16	PCMS / PVMS - TRUCK 3 LINES - 1 LED PER PIXEL	AMERICAN SIGNAL CMS GP 232	AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12 AMERICAN BARRICADE DON WARDEN 503/285-6616	10/08/98	1555	R	FAILED 8/98 DEMO. DID NOT ATTEND REQUIRED 9/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRUCK 3 LINES-1 LED PER PIXEL	GUARDIAN TRILUX VMS	3-M COMPANY 800/553-1380 DAN SKITES 800/727-9111 SERVICED BY ADDCO 800/616-4408 (WAS AMERICAN ELECTRONIC 1/01)	10/10/02	1108	R	HYBRID DIESEL POWERED GENERATOR. DIAMOND SHEETING ON DISCS DO NOT USE.
00225.16	PCMS / PVMS - TRUCK 3 LINES-2 LED'S PER PIXEL	CMS GP-432	AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12	10/10/02	1501	R	DIDN'T ATTEND REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16	PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL	ADDCO BRICK TM 4300 HHD	ADDCO 651/488-8600 DAVID BERKMAN 206/542-4624 TRAFFIC SAFETY 800/547-8518	10/10/02	2671	R	PASSED 7/99 DEMO, BUT DIDN'T ATTEND REQUIRED 9/24/02 DEMO. CAN BE USED ON JOBS BID THRU 12/2005.
00225.16	PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL	ADDCO TM-4300	ADCO 651/488-8600 DAVID BERKMAN 206/542-4624 TRAFFIC SAFETY 800/547-8518	12/08/05	3226	R	FAILED LEGIBILITY TEST 10/6/05
00225.16	PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL	LITEREADER 1030F-4W	LITESYS ING. / INTELICOM, INC. 406/388-9317	12/08/05	3221	R	FAILED 10/6/05 DEMO. INCORRECT FORMAT. FAILED LEGIBILITY TOO.
00225.16	PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL	WVMB3X8-10PU	WANCO, INC. 800/972-0755	12/08/05	3057	R	PAPERWORK OK, AT 10/6/05 DEMO IT FAILED THE LEGIBILITY TEST.
00225.16	PCMS / PVMS - TRUCK HYBRID W/1 LED PER PIXEL	GUARDIAN TRILUX 1 "JR" PCMS	3-M COMPANY 800/553-1380 DAN SKITES 800/727-9111 SERVICED BY ADDCO 800/616-4408 (WAS AMERICAN ELECTRONIC 1/01)	10/08/98	1711	R	FAILED 10/15/98 DEMO. FAILED BRIEF 11/9/98 REVIEW. DID NOT ATTEND 9/24/02 DEMO. DO NOT USE.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.16	PCMS / PVMS - TRUCK HYBRID W/1 LED PER PIXEL	GUARDIAN TRILUX 1 VMS	3-M COMPANY 800/553-1380 DAN SKITES 800/727-9111 SERVICED BY ADDCO 800/531-6078 (WAS AMERICAN ELECTRONIC 1/01)	10/10/02	1551	R	UNIT HAS NOT BEEN REVIEWED. DO NOT USE.
00225.16	PCMS / PVMS - TRUCK SOLAR - HYBRID W/ 1 LED.	3-M SCOTCHLITE MODEL VMS-1	3-M COMPANY 800/553-1380 SERVICED BY ADDCO 800/616-4408	09/12/02	2657	R	DID NOT MEET SPECS AT REVIEW PRIOR TO 9/24/02 DEMO. HYBRID WITH ONLY 1 LED PER PIXEL. DO NOT USE.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C"	CROWN CONSTRUCTION AB-15	CROWN CONSTRUCTION EQUIPMENT 800/661-0304	11/09/04	3046	R	ONLY HAS 15 LAMPS, WE REQUIRE MINIMUM OF 25. REVIEW STOPPED AFTER THAT.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". DIESEL GENERATOR	MODEL 2001 DIESEL ARROW	NATIONAL SIGNAL, INC. 888/994-0300 DIST: CANTEL OF MEDFORD JOHN HUGHES, 541/773-2765	11/12/98	1844	R	UNIT IS NOT SOLAR POWERED. CONCERN OVER SINGLE-CIRCUIT LAMP SYSTEM. BELIEVED THAT MANUFACTURER HAS BETTER PROD.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". HALOGEN	AMIDA DLSB 25 LA	TEREX AMIDA 803/324-3011 FRED UNSWORTH 707/996-9650 FORESS SIGNS 541/928-5858	09/14/00	2305	R	HALOGEN, WAS NOT LEGIBLE AT 1 MILE BY ANY OF THE VIEWERS.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	SUNRAY MODEL SOLAR 25 LED	US TRAFFIC / DISPLAY SOLUTIONS 800/733-7872 NELSON FLACK	11/08/01	2439	R	FAILED 10/17/01 DEMO. DID NOT ATTEND REQUIRED 9/24/02 DEMO. DO NOT USE.
00225.16C	TRAFFIC SIGNAL, PORTABLE TEMPORARY, TRAILER MOUNT	POP-UP PORTABLE	OMJC SIGNAL 800/776-5999 CAPITAL 503/363-9290	07/14/05	2933	R	MFG NOT RESPONSIVE TO QUESTIONS.
00225.18	AFAD - HYBRID	INTELLISTROBE WS1-AG/TM	INTELLISTROBE 417/883-7720	06/12/08	3613	R	THIS IS HYBRID RED YELLOW LENS WITH A STOP SLOW PADDLE. WE DON'T ALLOW THOSE TYPES.
00225.18	AFAD - RED & YELLOW LENS	INTELLISTROBE W1-A	INTELLISTROBE 417/883-7720	01/12/06	3113	R	DOES NOT MEET OUR SPECS.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.18	AFAD - RED & YELLOW LENS	ROBO FLAGGER WFT-BS-1111-07A	WANCO, INC. 800/972-0755 FIRST CALL FLAGGING 866/352-4446	05/08/08	3391	 R	REMOTE CONTROL FLAGGER. HAS ARM THAT COMES DOWN. DOES NOT HAVE CONFLICT MONITOR
00225.18	AFAD - STOP SLOW PADDLE	AUTOFLAGGER	SAFETY TECHNOLOGIES 651/388-5030	04/10/08	3623	R	DOESN'T MEET OUR SPECS.
00225.18	AFAD - STOP SLOW PADDLE	INTELLISTROBE WS1-A	INTELLISTROBE 417/883-7720	01/12/06	3114	R	DOES NOT MEET OUR SPECS.
00225.27	FLAGGER AID	AUTOMATED FLAGGING MACHINE	STRATEGIC BUSINESS CONSULTING WEST LINN, OR ROBERT MERRILL, 503/655-2023	09/10/98	1782	R	DEVICE APPEARS TO BE PVMS, AND NOT A FLAGGING DEVICE. THERE- FORE, PRODUCT IS NOT APPROVED AS SUCH.
00225.27	FLAGGER AID	ROBOSTOP	QUINTECH ELECTRONICS 412/349-1412	10/13/94	1178	R	REMOTE CONTROL TRIPOD MOUNTED STOP/SLOW PADDLE. COMMITTE DID NOT LIKE THE LACK OF HUMAN INTERVENTION. OTHER CONCERNS.
00225.27	FLAGGER AID FLASHING	CROSSWALKER	MICHAEL MALER 209/358-5802	07/13/95	1335	R	HAS NOT BEEN CRASH TESTED BY THE FHWA. NOT KNOWN IF IT MEETS THE MUTCD. THIS PRODUCT IS ALSO CUMBERSOME.
00225.27	FLAGGER STOP/SLOW PADDLE FLASHING	FLASHER/FLAGGER PADDLE	BAR-WES ENTERPRISES 503/673-4867 OR 503/672-4228 PO BOX 86, 172 PAGE ROAD WINCHESTER, OR 97495	06/09/94	1205	R	HAS AMBER L.E.D. LIGHTS. MUTCD REQUIRES CLEAR LIGHTS.
00225.27	FLAGGER STOP/SLOW PADDLE FLASHING	KARBAN SAFETY LIGHT	KARBAN INDUSTRIAL SUPPLY 3707 24TH AVE. FOREST GROVE, OR 97116 503/359-5858	11/15/90	565	R	THIS NEEDS TO BE REVIEWED BY FHWA. STOP/SLOW SIGN MOUNTD ON A HAND TRUCK W/ A RED LITE BELOW THE "STOP" SIGN.
00225.27	FLAGGER STOP/SLOW PADDLE FLASHING	LIGHTED FLAGGER SIGN	SAFETECH GARRY KILPATRICK 407/932-3063 TRAFFIC SAFETY SUPPLY DICK PARSONS 800/547-8518	02/10/00	1960	R	POLE SUPPORTED. TWO FLASHING WHITE LIGHTS ON SLOW SIDE AND TWO RED FLASING LIGHTS ON THE STOP SIDE.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.27	FLAGGER STOP/SLOW PADDLE FLASHING	STOP/SLOW PADDLE S/S-1	JIM SIANO SR 541/383-8111	10/10/96	1422	R	SIGN WAS TOP HEAVY AND HEAVY. FLASHING LIGHT WAS THE WRONG COLOR AND WAS VISIBLE FROM BOTH SIDES OF THE SIGN.
00225.27	FLAGGER STOP/SLOW PADDLE HANDLE W/FLASHING LIGHTS	LIFE LITE	RICK LOCKWOOD 503/266-8094	04/13/00	1963	R	HANDLE ONLY WITH TWO FLASHING LIGHTS. MOUNTS TO USERS PADDLE LIGHTS ARE WHITE AND VERY BRIGHT!
00225.27	FLAGGER STOP/SLOW PADDLE POLE, NO SIGN	TRAFFIC CONTROL ZONE DEVICE	BOS SYSTEMS LLC LARRY BROWN 541/882-3166	09/14/00	1935	R	POLE WITH RED LIGHTS. NO SIGN. WRONG COLOR. POSITION COULD BE MOUNTED INCORRECTLY, BECAUSE SIGN NOT PERMANENTLY ATTACHED.
00225.27	FLAGGER STOP/SLOW PADDLE ROLL-UP, NON-FLASHING	FAN-A-SIGN	SPORTNIKS, INC. 541/996-6300	04/12/01	2419	R	SHEETING DOES NOT MEET RETRO REQUIREMENTS. NOT SEMI-RIGID. DOES NOT LIE FLAT. USES SUPERBRITE SHEETING.
00225.27	FLAGGER STOP/SLOW PADDLE ROLL-UP, NON-FLASHING	STOP SLOW PADDLE, ROLL-UP	PACIFIC SAFETY SUPPLY RYAN SCHURR 800/344-5641	10/10/96	1487	R	SPECS REQUIRE HIGH INTENSITY, PRODUCT HAS NOT DEMONSTRATED THAT LEVEL OF BRIGHTNESS. REFLEXITE ROLLUP SHEETING.
00225.42	BARRIER, TEMP, PLASTIC WATER-FILLED	MULTI-BARRIER SAFETY BARRICADE	OFF THE WALL PRODUCTS 888/363-7740	12/09/99	2004	R	NOT APPROVED BY FHWA FOR USE AS A WATER FILLED BARRIER.
00225.42	BARRIER, TEMP, PLASTIC WATER-FILLED NCHRP 350 TL-2	GUARDIAN SAFETY BARRIER TL-2	ARMORCAST PRODUCTS CO. 818/982-3600	11/09/04	1288	R	TESTED BY MFG AND EVALUATED IN ACCORDANCE WITH NCHRP 350 TL2. DEFLECTION IS TOO GREAT.
00225.42	BARRIER, TEMP, PLASTIC WATER-FILLED NCHRP 350 TL-2	TRITON BARRIER	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	11/09/04	1156	R	TESTED BY MFG AND EVALUATED IN ACCORDANCE WITH NCHRP 350 TL2. DEFLECTION IS TOO GREAT.
00225.42	BARRIER, TEMP, PLASTIC WATER-FILLED NCHRP 350 TL-2	TROJAN 2001 BARRIER	C & C INDUSTRIES, INC. 541/267-4804 DIST:WESTERN SAFETY ASSOCIATES BYRON, CA; 510/634-2960	02/12/98	1743	R	POLYETYLENE BARRIER, DESIGNED TO FILL WITH WATER, OR SAND NOT EVALUATED BY FHWA FOR CRASH WORTHINESS YET (2/98).

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00225.42	BARRIER, TEMP, PLASTIC WATER-FILLED NCHRP 350 TL-2	YODOCK BARRIER 2001M	YODOCK WALL CO. 888/496-3625	10/14/04	2652	 R	TESTED BY MFG AND EVALUATED IN ACCORDANCE WITH NCHRP 350 TL2. DEFLECTION TOO GREAT.
00225.42	BARRIER, TEMP, PLASTIC WATER-FILLED NCHRP 350 TL-3	GUARDIAN SAFETY BARRIER TL-3	ARMORCAST PRODUCTS CO. 818/982-3600	05/14/98	1288	R	TESTED BY MFG AND EVALUATED IN ACCORDANCE WITH NCHRP 350 TL3. DEFLECTION IS TOO GREAT.
00225.42	BARRIER, TEMP, PLASTIC WATER-FILLED NCHRP 350 TL-3	SAFETY BARRIER SB-1 TL	SAFETY BARRIERS 865/599-9130	11/10/05	3132	R	OUR POLICY IS THAT THESE TYPES OF BARRIERS OFFER TOO MUCH DEFLECTION AND PUT WORKERS IN DANGER.
00225.42	BARRIER, TEMP, PLASTIC WATER-FILLED NCHRP 350 TL-3	YODOCK BARRIER 2001	YODOCK WALL CO. 888/496-3625	10/14/04	2651	R	TESTED BY MFG AND EVALUATED IN ACCORDANCE WITH NCHRP 350 TL3. DEFLECTION TOO GREAT.
00280 . 10B	CHECK DAM, TYPE 4	BURLAP SANDBAG #BBN101830	SACRAMENTO BAG CO 800/287-2247	07/11/02	2428	R	APPARENT OPENING SIZE WOULD ALLOW SAND TO ESCAPE.
00280 . 10B	CHECK DAM, TYPE 4	SACRAMENTO FLAP BAG	SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692	04/14/05	2718	R	ONLY 10" TALL. NO RESPONSE TO QUESTIONS.
00280.10F	SOIL STABILIZER	NRD 2000	QX ENVIRONMENTAL PRODUCTS 403/585-4040	04/14/05	3051	R	NO RESPONSE TO REQUEST FOR INFO.
00280.10F	SOIL STABILIZER DUST CONTROL	DURASOIL SYNTEHTIC ORGANIC DUST CONTROL AGENT	SOILWORKS 800/545-5420 480/545-5454	11/09/06	3352	R	MATERIAL COMPONENTS NOT SPECIFIC ENOUGH.
00280.10H	INLET PROTECTION - TYPE 1	SEDIMENT CONTROL ROLL	ERTEC ENVIRONMENTAL SYSTEMS 866/521-0724	04/14/05	3031	R	DOESN'T PROVIDE FUNTIONAL VALUE IN ALL CASES.

PAGE 158

ODOT CONSTRUCTION/MATERIALS SECTION REJECTED LIST - DO NOT USE THESE PRODUCTS

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.10H	INLET PROTECTION - TYPE 2	BONEBAG U-BAG	PRAC-TIK INDUST. 503/816-0048	02/08/07	3431	R	TOO SMALL.
00280.10H	INLET PROTECTION - TYPE 2	GRAVEL BAG	SACRAMENTO BAG CO 800/287-2247	04/14/05	2716	R	NO RESPONSE TO QUESTIONS.
00280.10H	INLET PROTECTION - TYPE 2	L-SNAKE BAG	SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692	06/14/01	2427	R	TYPE 2. CONCERN-WATER MAY NOT BE ABLE TO MOVE THROUGH BAG & PONDING ON PAVEMENT. NEED TO MONITOR.
00280.10H	INLET PROTECTION - TYPE 3	CSI CATCH BASIN INSERT	CSI GEOSYNTHETICS 800/426-7976 360/699-1426	01/13/05	2894	R	TYPE 3. DID NOT SUBMIT THE INFORMATION WE ASKED FOR.
00280.10H	INLET PROTECTION - TYPE 3	SLOPEGARD 1	KRISTAR ENTERPRIS 800/579-8819	08/14/05	2632	R	TYPE 3 INLET PROTECTION IS MORE OF A BAG FITTING IN THE INLET. THIS PRODUCT WOULD NOT DO THAT.
00280.10H	INLET PROTECTION - TYPE 3	STREAM SAVER	ZYMARK INC. 503/658-6702 JIM BRANNAMAN 503/872-9242 FAMILIAN N.W. 503/240-6747	04/11/02	2165	R	TYPE 3. WATCH FOR CLOGGING. PROBLEMS WERE FOUND WITH THE FIELD INSTALLATIONS. THE CLEAN OUT METHOD IS LABOR INSTENSIVE
00280.10H	INLET PROTECTION - TYPE 4	GRAVEL BAG	SACRAMENTO BAG CO 800/287-2247	04/14/05	2716	R	NO RESPONSE TO QUESTIONS.
00280.10H	INLET PROTECTION - TYPE 4	SACRAMENTO FLAP BAG	SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692	04/14/05	2718	R	TYPE 4. NO RESPONSE TO QUESTIONS.
00280.101	MATTING - NO TYPE LISTED	BONTERRA AMERICA CF4	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/12/98	1669	R	PROD.DOESN'T APPEAR ON TEXAS' DOT QPL,AS ODOT REQUIRES. MANUF.SAYS PROD.GOOD FOR HIGH VEL.STREAMBANKS/FLOW CHANNELS.

JULY 2008

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00280.101	MATTING - NO TYPE LISTED	BONTERRA AMERICA ENCS2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/12/98	1668	R	PROD.DOESN'T APPEAR ON TEXAS' DOT QPL,AS ODOT REQUIRES. PROD.IS CLAIMED,100% BIODE- GRADABLE,&GOOD FOR ST. SLOPES.
00280.101	MATTING - NO TYPE LISTED	BONTERRA BOGMAT	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/11/99	1672	R	REJECTED,AS IT DOES NOT APPEAR ON THE TX DOT'S QPL, AS ODOT REQUIRES. PRODUCT IS 100% COIR BIODEGRADABLE PLANTING MAT.
00280.101	MATTING - NO TYPE LISTED	BONTERRA CF7	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	08/13/98	1670	R	100% COIR FIBER HIGH STRENGTH ORGANIC GEOTEXTILE MAT. REJECTED, BECAUSE IT DOESN'T APPEAR ON TX QPL
00280.101	MATTING - NO TYPE LISTED	BONTERRA CF9	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	08/13/98	1671	R	100% COIR FIBER HIGH STRENGTH ORGANIC GEOTEXTILE MAT. REJECTED, BECAUSE IT DOESN'T APPEAR ON TX QPL.
00280.101	MATTING - NO TYPE LISTED	BONTERRA CP2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	08/13/98	1677	R	50% COIR, 50% UV TREATED POLY- PROPYLENE EROSION CONTROL BLANKET. REJECTED, BECAUSE IT DOESN'T APPEAR ON TX QPL.
00280.101	MATTING - NO TYPE LISTED	BONTERRA ENC2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/12/98	1667	R	PROD. DOESN'T APPEAR ON TEXAS' DOT QPL,AS ODOT REQUIRES. PROD.IS CLAIMED,100% BIODE- GRADABLE,&GOOD FOR ST. SLOPES.
00280.101	MATTING - NO TYPE LISTED	BONTERRA ENS2	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	08/13/98	1675	R	100% STRAW BLANKET, WITH 100% BIODEGRADABLE NETTING, ON BOTH SIDED.REJECTED,LARGELY BECAUSE IT DOESN'T APPEAR ON TX QPL.
00280.101	MATTING - NO TYPE LISTED	BONTERRA HP90	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	08/13/98	1673	R	NON-NETTED NEEDLEPUNCHED COIR EROSION CONTROL BLANKET. REJECTED, BECAUSE IT DOESN'T APPEAR ON TX QPL.
00280.101	MATTING - TYPE A	HYDRO BLANKET	WOOD RECYCLING TECHNOLOGY MICHAEL MELLON 800/982-8732	11/12/98	1868	R	NOT ON THE TEXAS DOT QPL LIST.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.101	MATTING - TYPE A	TENAX MULTIMAT 100	TENAX CORPORATION 800/874-7437 ADVANCED DRAINAGE 800/733-7473 410/522-7000	07/09/98	1776	R	NOT ON THE TEXAS DOT QPL LIST. POLYPROPYLENE BIAXIALLY ORIENTED. CORRUGATED INNER LAYER.
00280.101	MATTING - TYPE A SLOPE	BONTERRA BOGMAT	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/11/99	1672	R	REJECTED,AS IT DOES NOT APPEAR ON THE TX DOT'S QPL, AS ODOT REQUIRES. PRODUCT IS 100% COIR BIODEGRADABLE PLANTING MAT.
00280.101	MATTING - TYPE A SLOPE	DURABLEND SC1	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2815	R	NOT ON THE TEXAS QPL.
00280.101	MATTING - TYPE A SLOPE	EARTH GUARD FIBER MATRIX	TERRA NOVO, INC. 661/747-5956	04/14/05	2972	R	NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE A SLOPE	ECO BLANKET	REXIUS 888/473-9487	07/14/05	3094	R	NOT ON TEXAS DOT LIST.
00280.101	MATTING - TYPE A SLOPE	EVERHOLD XL-1	EROSION CONTROL SYSTEMS 800/942-1986 205/333-3080	07/10/03	2810	R	NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE A SLOPE	EVERHOLD XL-2	EROSION CONTROL SYSTEMS 800/942-1986 205/333-3080	07/10/03	2811	R	NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE A SLOPE	HI VELOCITY CURLEX BLANKET	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	02/13/03	888	R	WOOD FIBER BLANKET WITH PLASTIC NETTING ON BOTH SIDES NOT ON THE TEXAS DOT LIST.
00280.101	MATTING - TYPE A SLOPE	PROGUARD DS	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2813	R	NOT ON THE TEXAS QPL.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.101	MATTING - TYPE A SLOPE	PROGUARD SS	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2812	 R	NOT ON THE TEXAS QPL.
00280.101	MATTING - TYPE A SLOPE	WF-20SB	WESTERN FIBER CO. 661/854-5556 OR 310/939-9254	05/08/08	3535	R	NOT ON TX DOT LIST
00280.101	MATTING - TYPE B	HYDRO BLANKET	WOOD RECYCLING TECHNOLOGY MICHAEL MELLON 800/982-8732	11/12/98	1868	R.	NOT ON THE TEXAS DOT QPL LIST.
00280.101	MATTING - TYPE B SLOPE	BONTERRA BOGMAT	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/11/99	1672	R	REJECTED,AS IT DOES NOT APPEAR ON THE TX DOT'S QPL, AS ODOT REQUIRES. PRODUCT IS 100% COIR BIODEGRADABLE PLANTING MAT.
00280.101	MATTING - TYPE B SLOPE	DURABLEND SC1	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2815	R	NOT ON THE TEXAS QPL.
00280.101	MATTING - TYPE B SLOPE	EARTH GUARD FIBER MATRIX	TERRA NOVO, INC. 661/747-5956	04/14/05	2972	R	NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE B SLOPE	ECOAEGIS	PROFILE PRODUCTS 847/215-1144 ACF WEST 800/878-5115 BECKY GAUTHIER 253/884-0747	04/10/08	1548	R	BONDED WOOD & SYNTHETIC FIBERS HYDRAULICALLY APPLIED. NOT ON TX LIST
00280.101	MATTING - TYPE B SLOPE	EVERHOLD XL-1	EROSION CONTROL SYSTEMS 800/942-1986 205/333-3080	07/10/03	2810	R	NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE B SLOPE	EVERHOLD XL-2	EROSION CONTROL SYSTEMS 800/942-1986 205/333-3080	07/10/03	2811	R	NOT ON TEXAS DOT QPL.

JULY 2008

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00280.101	MATTING - TYPE B SLOPE	PROGUARD DS	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2813	R	NOT ON THE TEXAS QPL.
00280.101	MATTING - TYPE B SLOPE	PROGUARD SS	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2812	R	NOT ON THE TEXAS QPL.
00280.101	MATTING - TYPE B SLOPE	WF-20SB	WESTERN FIBER CO. 661/854-5556 OR 310/939-9254	0\$/08/08	3535	R	NOT ON TX DOT LIST
00280.101	MATTING - TYPE C	HYDRO BLANKET	WOOD RECYCLING TECHNOLOGY MICHAEL MELLON 800/982-8732	11/12/98	1868	R	NOT ON THE TEXAS DOT QPL LIST.
00280.101	MATTING - TYPE C SLOPE	BONTERRA BOGMAT	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/11/99	1672	R	REJECTED,AS IT DOES NOT APPEAR ON THE TX DOT'S QPL, AS ODOT REQUIRES. PRODUCT IS 100% COIR BIODEGRADABLE PLANTING MAT.
00280.101	MATTING - TYPE C SLOPE	CURLEX II	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	09/12/02	2620	R	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.101	MATTING - TYPE C SLOPE	CURLEX III	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	12/12/02	2621	R	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.101	MATTING - TYPE C SLOPE	DURABLEND SC1	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2815	R	NOT ON THE TEXAS QPL.
00280.101	MATTING - TYPE C SLOPE	DURAGUARD C1	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2814	R	NOT ON THE TEXAS QPL.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.101	MATTING - TYPE C SLOPE	EARTH GUARD FIBER MATRIX	TERRA NOVO, INC. 661/747-5956	04/14/05	2972	R	NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE C SLOPE	EVERHOLD XL-1	EROSION CONTROL SYSTEMS 800/942-1986 205/333-3080	07/10/03	2810	R	NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE C SLOPE	EVERHOLD XL-2	EROSION CONTROL SYSTEMS 800/942-1986 205/333-3080	07/10/03	2811	R	NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE C SLOPE	HI VELOCITY CURLEX BLANKET	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	02/13/03	888	R	WOOD FIBER BLANKET WITH PLASTIC NETTING ON BOTH SIDES NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE C SLOPE	PROGUARD DS	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2813	R	NOT ON THE TEXAS QPL.
00280.101	MATTING - TYPE D	HYDRO BLANKET	WOOD RECYCLING TECHNOLOGY MICHAEL MELLON 800/982-8732	11/12/98	1868	R	NOT ON THE TEXAS DOT QPL LIST.
00280.101	MATTING - TYPE D SLOPE	BONTERRA BOGMAT	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	03/11/99	1672	R	REJECTED,AS IT DOES NOT APPEAR ON THE TX DOT'S QPL, AS ODOT REQUIRES. PRODUCT IS 100% COIR BIODEGRADABLE PLANTING MAT.
00280.101	MATTING - TYPE D SLOPE	CURLEX II	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	09/12/02	2620	R	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.101	MATTING - TYPE D SLOPE	CURLEX III	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	12/12/02	2621	R	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.101	MATTING - TYPE D SLOPE	DURABLEND SC1	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2815	R	NOT ON THE TEXAS QPL.
00280.101	MATTING - TYPE D SLOPE	DURAGUARD C1	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2814	R	NOT ON THE TEXAS QPL.
00280.101	MATTING - TYPE D SLOPE	EARTH GUARD FIBER MATRIX	TERRA NOVO, INC. 661/747-5956	04/14/05	2972	R	NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE D SLOPE	EVERHOLD XL-1	EROSION CONTROL SYSTEMS 800/942-1986 205/333-3080	07/10/03	2810	R	NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE D SLOPE	EVERHOLD XL-2	EROSION CONTROL SYSTEMS 800/942-1986 205/333-3080	07/10/03	2811	R	NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE D SLOPE	EXCEL PP5-12	WESTERN EXCELSION 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	R	NOT ON TX LIST YET. POLY FIBERS
00280.101	MATTING - TYPE D SLOPE	PROGUARD DS	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2813	R	NOT ON THE TEXAS QPL.
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	DURABLEND SC1	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2815	R	NOT ON THE TEXAS QPL.
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	DURAGUARD C1	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2814	R	NOT ON THE TEXAS QPL.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EVERHOLD XL-2	EROSION CONTROL SYSTEMS 800/942-1986 205/333-3080	07/10/03	2811	R	NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE E FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C125	NORTH AMERICAN GREEN TIM LANCASTER 812/867-6632 ACF WEST DICK SCHMIDT 503/771-5115	10/11/07	3351	R	NOT ON TEXAS QPL.
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	DURABLEND SC1	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2815	R	NOT ON THE TEXAS QPL.
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	DURAGUARD C1	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2814	R	NOT ON THE TEXAS QPL.
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EVERHOLD XL-2	EROSION CONTROL SYSTEMS 800/942-1986 205/333-3080	07/10/03	2811	R	NOT ON TEXAS DOT QPL.
00280.101	MATTING - TYPE F FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C125	NORTH AMERICAN GREEN TIM LANCASTER 812/867-6632 ACF WEST DICK SCHMIDT 503/771-5115	10/11/07	3351	R	NOT ON TEXAS QPL.
00280.10J	MULCHES, TEMPORARY	EC-3000	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	01/11/07	1728	R	AQUATIC TOXICITY HAS NOT BEEN ESTABLISHED FOR THIS PRODUCT. BIODEGRADABILITY IS NOT CLEAR.
00280 . 10J	MULCHES, TEMPORARY	ECO BLANKET	REXIUS 888/473-9487	07/14/05	3094	R	NOT ENOUGH INFORMATION WAS SUBMITTED.
00280 . 10J	MULCHES, TEMPORARY	ECOBERM	REXIUS 888/473-9487	07/14/05	3093	R	THIS IS A BERM, NOT A BLANKET.

PAGE 166

ODOT CONSTRUCTION/MATERIALS SECTION REJECTED LIST - DO NOT USE THESE PRODUCTS

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.10J	MULCHES, TEMPORARY	ECT-3000 TACKIFIER	EROSION CONTROL SYSTEMS 800/942-1986 OR 205/333-3080	09/11/03	2820	R	AQUATIC TOXICITY HAS NOT BEEN ESTABLISHED FOR THIS PRODUCT. LIQUID - SODIUM ACRYLATE
00280.10J	MULCHES, TEMPORARY	HYDROSPRAY II	CELLULOSE FIBER 253/627-8008 EMERALD SEED & SUPPLY 503/254-8414	11/09/06	3064	R	DOCUMENTATION NOT GOOD ENOUGH. NOT ON WSDOT QPL.
00280 .1 0J	MULCHES, TEMPORARY	HYDROSTRAW MULCH	PELLETIZED STRAW 800/545-1755 JIM BUTALA 541/967-9111	0\$/11/06	3144	R	THIS PRODUCT DOES NOT FIT THIS CATEGORY. ORIGINAL REVIEW: 12/8/05 (REJECTED THEN TOO)
00280 . 10J	MULCHES, TEMPORARY	NORTH AMERICAN GREEN C125BN	NORTH AMERICAN GREEN 812/687-6632 DIST: ACF WEST, PORTLAND OR 800/878-5115; 503/771-5115	01/08/98	1382	R	NOT LISTED ON TEXAS DOT'S QPL; DESIGNED FOR SLOPES AS MUCH AS 2.5:1; LONGEVITY OF ABOUT 24 MONTHS.
00280 . 10J	MULCHES, TEMPORARY	ROGUE AGRI-MULCH	ROGUE AGRI-MULCH 10590 WHEELER RD CENTRAL POINT, OR 97502 NORMAN SEASE 503/826-9767	08/05/98	287	R	MANUFACTURER, OUT OF BUSINESS 15% ACTIVATED CARBON LADEN WOOD ASH/85% DECOMPOSED FOREST HUMAS &VARIOUS SOIL TYPES.
00280 . 10J	MULCHES, TEMPORARY TACKIFIER	SOIL SEMENT	MIDWEST INDUSTRIAL SUPPLY CANTON, OHIO; 800/321-0699 VEN: AMER.WET ENVIRONMENTAL SULLIES; 800/531-6808	01/08/98	1334	R	PRODUCT IS NOT COMPATABLE WITH GROWING VEGETATION
00280 . 10J	MULCHES, TEMPORARY TACKIFIER	SOIL TAC	SOILWORKS 800/545-5420	04/14/05	2939	R	NO TESTING OR EVIDENCE TO SHOW COMPLIANCE WITH OUR SPECS.
00280.10N	SEDIMENT BARRIER, TYPE 1	SEDIMENT CONTROL ROLL	ERTEC ENVIRONMENTAL SYSTEMS 866/521-0724	04/14/05	3031	R	THIS IS A FILTER. TYPE 1 BARRIERS ARE DAMS/DIVERSIONS.
00280.10N	SEDIMENT BARRIER, TYPE 2	BONEBAG BIOBAG	PRAC-TIK INDUST. 503/816-0048	02/08/07	3434	R	TOO SMALL.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.10N	SEDIMENT BARRIER, TYPE 3	BURLAP SANDBAG #BBN101830	SACRAMENTO BAG CO 800/287-2247	07/11/02	2428	R	APPARENT OPENING SIZE WOULD ALLOW SAND TO ESCAPE.
00280.10N	SEDIMENT BARRIER, TYPE 3	GRAVEL BAG	SACRAMENTO BAG CO 800/287-2247	04/14/05	2716	R	NO RESPONSE TO QUESTIONS.
00280.10N	SEDIMENT BARRIER, TYPE 3	SACRAMENTO FLAP BAG	SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692	04/14/05	2718	R	NO RESPONSE TO QUESTIONS.
00280.10N	SEDIMENT BARRIER, TYPE 4	SEDIMENT CONTROL ROLL	ERTEC ENVIRONMENTAL SYSTEMS 866/521-0724	04/14/05	3031	R	WILL NOT PROVIDE STRUCTURAL FUNCTION TYPICALLY REQUIRED.
00280.10N	SEDIMENT BARRIER, TYPE 5	SEDIMENT CONTROL ROLL	ERTEC ENVIRONMENTAL SYSTEMS 866/521-0724	04/14/05	3031	R	
00280.10N	SEDIMENT BARRIER, TYPE 6	ECOBERM	REXIUS 888/473-9487	07/14/05	3093	R	LIMITATIONS WITH THIS PRODUCT MAKE ITS USE TOO RESTRICTIVE.
00280.10N	SEDIMENT BARRIER, TYPE 6	SACRAMENTO FLAP BAG	SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692	04/14/05	2718	R	NO RESPONSE TO QUESTIONS.
00280.10N	SEDIMENT BARRIER, TYPE 6	SEDIMENT CONTROL ROLL	ERTEC ENVIRONMENTAL SYSTEMS 866/521-0724	04/14/05	3031	R	MAY NOT HANDLE VEHICLE TRAFFIC
00280.10N	SEDIMENT BARRIER, TYPE 7	CURLEX SEDIMENT LOG	AMERICAN EXCELSIOR CO. 425/226-8194 888/352-9582 HOWARD WAGNER 303/948-0480	05/08/08	2624	R	DOES NOT MEET OUR SPECS.

PAGE 168

ODOT CONSTRUCTION/MATERIALS SECTION REJECTED LIST - DO NOT USE THESE PRODUCTS

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.10N	SEDIMENT BARRIER, TYPE 7	SEDIMENT CONTROL ROLL	ERTEC ENVIRONMENTAL SYSTEMS 866/521-0724	04/14/05	3031	 R	THIS IS A FILTER. TYPE 1 BARRIERS ARE DAMS/DIVERSIONS.
00280.100	SEDIMENT FENCE	ECOBERM	REXIUS 888/473-9487	07/14/05	3093	R	LIMITATIONS WITH THIS PRODUCT MAKE ITS USE TOO RESTRICTIVE.
00280.100	SEDIMENT FENCE	GREEN SILT FENCE #1206	SACRAMENTO BAG CO 800/287-2247	04/14/05	2719	R	FAILED TO RESPOND TO QUESTIONS.
00280.100	SEDIMENT FENCE	ORANGE SILT FENCE #3100	SACRAMENTO BAG CO 800/287-2247	04/14/05	2720	R	FAILED TO RESPOND TO QUESTIONS.
00280.100	SEDIMENT FENCE	SEDIMENT CONTROL ROLL	ERTEC ENVIRONMENTAL SYSTEMS 866/521-0724	04/14/05	3031	R	DOES NOT COVER ALL FUNCTIONAL USES OF SEDIMENT FENCE.
00280.100	SEDIMENT FENCE -SUPPORTED	MUTUAL MISF 185	MUTUAL INDUSTRIES 800/523-0888 WELLE ASSOC 253/584-6704	11/09/06	3310	R	DIDN'T MEET SPECS
00280.100	SEDIMENT FENCE -UNSUPPORT	MUTUAL MISF 1776	MUTUAL INDUSTRIES 800/523-0888 WELLE ASSOC 253/584-6704	11/09/06	3312	R	DIDN'T MEET SPECS
00280.100	SEDIMENT FENCE -UNSUPPORT	MUTUAL MISF 901	MUTUAL INDUSTRIES 800/523-0888 WELLE ASSOC 253/584-6704	01/10/08	3311	R	NO RESPONSE FROM MFG.
00280.10P	SEDIMENT MAT	WF-20SB	WESTERN FIBER CO. 661/854-5556 OR 310/939-9254	05/08/08	3535	R	INADEQUATE INFORMATION.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.10V	SEDIMENT FILTER OUTLET PROTECTION	dirtbag 53	ACF ENVIRONMENTAL DAVID KELLY 800/448-3636 DIST.: ACF WEST, INC. MELISSA HURLEY 503/771-5115	03/11/99	1885	R	REJECTED. DIRTBAG 55 IS CONDITIONAL, AND IS BOTH LARGER AND STRONGER THAN THIS PRODUCT, DIRTBAG 53.
00330.00	SOIL STABILIZER, CHEMICAL	CONDOR SS	EARTH SCIENCE PRODUCTS CORP PO BOX 327 WILSONVILLE, OR 97070 503/678-1216	01/01/90	375	R	PRODUCT APPEARS TO WORK IF BLENDED, BUT NOT IF INJECTED DOES NOT AFFECT DESIGN THICK SO REJECTED FOR INJECTION.
00330.00	SOIL STABILIZER, CHEMICAL	WATERLINE II	VINCENT MARSH 813/791-7913 VEND: WATERLINE TECHNOLOGY INC DAMON BEASLEY 703/372-6426	08/12/93	876	R	CHEM. FAMILY METHYSILICONATE & WATER DILUTED 12:1 WITH WATER. SUBMITAL REMARKS DIDN'T APPEAR TO BE ADEQUATELY SUBSTANTIATED
00430.00	DRAIN, SUBSURFACE	EEE ZZZ LAY DRAIN 2001	EEE ZZZ LAY DRAIN COMPANY MIKE HOUCK 704/883-2130 E Z DRAIN: ALEX MAUCK 503/492-2500	11/04/93	1044	R	4" PERFOR PVC, SURROUNDED BY 2" RECYCLED EXPANDED POLYSTYRENE. LARGE OPENINGS MAY ALLOW PARTICLES INTO PIPE.
00435.00	DRAIN, WICK	EEE ZZZ LAY DRAIN 2001	EEE ZZZ LAY DRAIN COMPANY MIKE HOUCK 704/883-2130 E Z DRAIN: ALEX MAUCK 503/492-2500	11/04/93	1044	R	4" PERFOR PVC, SURROUNDED BY 2" RECYCLED EXPANDED POLYSTYRENE. LARGE OPENINGS MAY ALLOW PARTICLES INTO PIPE.
00470.00	MANHOLE COVER	PAMREX MANHOLE COVER (32")	SAINT-GOVAIN 508/351-7507 TITUS INDUSTRIAL 541/389-1975	12/14/06	2952	R	FOREIGN STEEL. NOT CLEAR IF IT MEETS OUR SPECS OR NOT.
00470.00	MANHOLE COVER	SELF ADJUSTING MANHOLE COVER	GARY BOUDREAU	07/13/00	2196	R	NOT A FINISHED PRODUCT YET.
00520.00	PILE TIPS HP10X42	CSC HT-3310	CONSTRUCTION SUPPLY COMPANY DAN WOLF 503/620-2971	09/28/05	2640	R	MFG LOST APPROVAL BECAUSE THEY DIDN'T LABEL TIPS, DIDN'T MEET THE HARDNESS SPEC, AND HT3310 WERE LIGHT WEIGHT (9/05).
00520.00	PILE TIPS HP10X57	CSC HT-3310	CONSTRUCTION SUPPLY COMPANY DAN WOLF 503/620-2971	05/08/03	2640	R	TOO LIGHT FOR HP10X57

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00520.00	PILE TIPS HP12X53	CSC HT-3312	CONSTRUCTION SUPPLY COMPANY DAN WOLF 503/620-2971	09/28/05	2641	R	MFG LOST APPROVAL BECAUSE THEY DIDN'T LABEL TIPS, DIDN'T MEET THE HARDNESS SPEC, AND HT3310 WERE LIGHT WEIGHT (9/05).
00520.00	PILE TIPS HP12X63	CSC HT-3312	CONSTRUCTION SUPPLY COMPANY DAN WOLF 503/620-2971	09/28/05	2641	R	MFG LOST APPROVAL BECAUSE THEY DIDN'T LABEL TIPS, DIDN'T MEET THE HARDNESS SPEC, AND HT3310 WERE LIGHT WEIGHT (9/05).
00520.00	PILE TIPS HP12X74	CSC HT-3312	CONSTRUCTION SUPPLY COMPANY DAN WOLF 503/620-2971	09/28/05	2641	R	MFG LOST APPROVAL BECAUSE THEY DIDN'T LABEL TIPS, DIDN'T MEET THE HARDNESS SPEC, AND HT3310 WERE LIGHT WEIGHT (9/05).
00520.00	PILE TIPS HP12X84	CSC HT-3312	CONSTRUCTION SUPPLY COMPANY DAN WOLF 503/620-2971	05/08/03	2641	R	TOO LIGHT FOR HP12X84
00520.00	PILE TIPS HP14X102	CSC HT-3314	CONSTRUCTION SUPPLY COMPANY DAN WOLF 503/620-2971	09/28/05	2642	R	MFG LOST APPROVAL BECAUSE THEY DIDN'T LABEL TIPS, DIDN'T M THE HARDNESS SPEC, AND HT3310 WERE LIGHT WEIGHT (9/05).
00520.00	PILE TIPS HP14X117	CSC HT-3314	CONSTRUCTION SUPPLY COMPANY DAN WOLF 503/620-2971	05/08/03	2642	R	TOO LIGHT FOR HP14X117
00520.00	PILE TIPS HP14X73	CSC HT-3314	CONSTRUCTION SUPPLY COMPANY DAN WOLF 503/620-2971	09/28/05	2642	R	MFG LOST APPROVAL BECAUSE THEY DIDN'T LABEL TIPS, DIDN'T MEET THE HARDNESS SPEC, AND HT3310 WERE LIGHT WEIGHT (9/05).
00520.00	PILE TIPS HP14X89	CSC HT-3314	CONSTRUCTION SUPPLY COMPANY DAN WOLF 503/620-2971	09/28/05	2642	R	MFG LOST APPROVAL BECAUSE THEY DIDN'T LABEL TIPS, DIDN'T MEET THE HARDNESS SPEC, AND HT3310 WERE LIGHT WEIGHT (9/05).
00530.41	REBAR CHAIR	PAC CHAIR ALSO VARIABLE HEIGHT HI CHAIR	PAC CHAIR INTERNATIONAL 600-815 HORNBY ST. VANCOUVER B.C. CANADA V6Z 2E6 JEF SUPPLY 800/452-2994	12/12/91	277	R	SLOTS TOO SMALL TO ALLOW .75" AGGREGATE TO PASS EASILY. COULD BE BIGGER THAN 1 QT. ALSO SEE 00755.43

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00530.41	REBAR CHAIR	TI CHAIR	JIFFY CLIP 503/363-0885	03/09/06	3272	 R	TEST RESULTS NOT CONSISTENT.
00530.41	REBAR FASTENER - PLASTIC	KODI KLIP	KODI KLIP CORP. 615/513-5852 GLOBAL KLIP DIST. 215/487-0209	09/14/06	3181	R	NOT STRONG ENOUGH TO ALLOW WORKERS TO WALK ON ASSEMBLY.
00530.42	SPLICE, BUTT, MECHANICAL	BAR-LOCK S (SHORT) SHORT VERSION	BAR-LOCK 800/755-4888 PART OF DAYTON SUPERIOR MATT CROSS 360/961-6888	07/11/98	1031	R	PROBLEMS WITH COATED BAR. ADDITIONAL PROBLEMS WITH SOME SIZES OF BLACK STEEL. LONG STILL OK (WITHOUT "S")
00530.42	SPLICE, BUTT, MECHANICAL	HRC 510 X-TENDER	HEADED REINFORCEMENT CO. 714/557-1455	01/08/04	1921	R	END OF BARS HEATED AND BULBS FORMED. SCREW FITTING HOLD IT TOGETHER. THIS DESIGN ALLOWS TOO MUCH SLIP FOR US.
00530.42	SPLICE, BUTT, THREADED	TAPER THREADED GRIP TWIST	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 LARRY ALCORN 937/275-8700	03/10/05	2784	R	LITERATURE INDICATED THAT THIS PRODUCT DOESN'T MEET OUR REQUIREMENT FOR 135% OF YIELD.
00530.42	SPLICE, LAP, MECHANICAL	GRIP TWIST	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 LARRY ALCORN 937/275-8700	01/17/91	613	R	PRODUCT DID NOT MEET THE REQUIREMENT OF 90% OF ULTIMATE STRENGTH OF THE STEEL.
00535.10	CONCRETE ANCHOR, MECH VERY LOW STRENGTH DYNAMIC LOADINGS	SUP-R-STUD	MKT FASTENING 800/336-1640	12/14/06	3299	R	NO SUPPORTING DATA SHOWING DYNAMIC ABILITIES.
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	AMBEX ANCHORING CAPSULES CEMENTITIOUS	AMBEX CONCRETE TECHNOLOGY 514/983-6853	01/11/07	3120	R	DID NOT FURNISH THE REQUIRED TEST DATA.
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	ANCHOR-IT HR 200 EPOXY	ADHESIVE TECHNOLOGY RICHARD BOLAND 800/892-1880	11/08/07	1488	R	FAST SETTING EPOXY MAY HAVE EXCESSIVE CREEP. PROBLEMS EARLIER WITH NOT SETTING UP PROPERLY.

JULY 2008

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00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	DURAL FAST SET EPOXY GEL EPOXY	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	11/08/07	2532	R	FAST SET EPOXIES MAY HAVE EXCESSIVE CREEP.
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	DURALCRETE 1:1 EPOXY	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	05/12/05	2800	R	DID NOT RESPOND TO REQUEST FOR INFO.
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	EPCON CERAMIC 6 EPOXY	ITW REDHEAD 800/899-7890	09/09/99	293	R	FAILED OUR HIGH STRENGTH REQUIREMENTS.
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	PRO-POXY 300 EPOXY (SAME AS ID# 1827)	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	07/10/08	854	R	NO CREEP TESTS. PULL-OUT TESTS INCOMPLETE.
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	PRO-POXY 300 FAST EPOXY	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	11/08/07	1726	R	ORIG Q, BUT FAST SET EPOXIES MAY HAVE EXCESSIVE CREEP.
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	SIKADUR INJECTION GEL REGULAR SET EPOXY	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	07/10/08	504	R	NO CREEP TESTS.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	ACA POLYESTER	MOORE CONST. INC. 250 BARBER AVE WORCESTER, MASS. 01606 508/853-3991	07/10/08	104	R	NO CREEP TESTS.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	BRUTEM AB EPOXY	MASTER BUILDERS 800/227-3350 REP: MIKE STRONK 503/652-2051 WHITE CAP 503/287-4151 VEN: WATTS SUPPLY 800/574-8344	08/12/91	29	R	FOR USE FOR TEMPS BETWEEN 40 TO 70 DEG F. REJ WHEN MFG FAILED TO PROVIDE RESIN STR. TESTS. ORIG. STATUS WAS "P".
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	BURKE EPOXY PISTOL PAK EPOXY	POLYGEM INC. 708/231-5600 WHITE CAP 503/287-4151	07/10/08	1255	R	NO CREEP TESTS.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	CHEM STUD	POWERS FASTENERS PATRICK BUCKLEY 914/235-6300	02/14/02	1973	R	TESTS NOT FURNISHED FOR REBAR.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	CHEM-BOLT NO RESIN SPECIFIED.	POWERS FASTENERS PATRICK BUCKLEY 914/235-6300	10/11/01	1974	R	THIS IS A BOLT ONLY. THERE WAS NO RESIN SUPPLIED. THIS BOLT MAY BE OK IF IT MEETS THE SPECS, BUT USE QPL RESIN.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	CONCRESIVE HP EPOXY	MASTER BUILDERS 800/227-3350 REP: MIKE STRONK 503/652-2051 WHITE CAP 503/287-4151 800/452-2994	08/12/91	26	R	FOR USE WHEN TEMP 40-70 DEG F MANUFACTURER FAILED TO SEND US RESIN STRENGTH TESTS. WAS "P". WAS CALLED CONCRESIVE 1441.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	CONCRESIVE HP LPL EPOXY	MASTER BUILDERS 800/227-3350 REP: MIKE STRONK 503/652-2051 WATTS SUPPLY 800/574-8344	08/12/98	26	R	FOR USE WHEN TEMP IS < 84 DEG F. MFG FAILED TO SEND US STR. TESTS. STAT. WAS "P". NAME WAS CONCRESIVE 1440.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	CONCRESIVE HP SPL EPOXY	MASTER BUILDERS 800/227-3350 REP: MIKE STRONK 503/652-2051 VEN: WATTS SUPPLY 800/574-8344	08/12/91	26	R	FOR USE WHEN TEMP IS 25 TO 50 DEG F. PROD. REJ'D WHEN MFG FAILED TO SEND RESIN STR. TESTS. WAS "P". WAS CONCR.1442
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	DURALITH LV EPOXY	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	01/10/02	2454	R	MANUFACTURER DID NOT HAVE THE INDEPENDENT TESTS WE REQUIRE.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	EPCON CERAMIC 6 EPOXY	ITW REDHEAD 800/899-7890	07/10/08	293	R	NO CREEP TESTS.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	KELIBOND POLYESTER	KELKEN-GOLD INC PO BOX 336, HAZLET, NJ 07730 201/753-0088 OR 800/342-5154 REP: CORAL CO. 503/655-6351	07/01/91	152	R	REJECTED, NO RESPONSE TO OUR REQUEST FOR TEST RESULTS.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	KELIGROUT POLYESTER	KELKEN-GOLD INC PO BOX 336, HAZLET, NJ 07730 201/753-0088 OR 800/342-5154 REP: CORAL CO. 503/655-6351	07/01/91	186	R	REJECTED, NO RESPONSE TO OUR REQUEST FOR TEST RESULTS. ORIG Q FOR DOWELS, NON SAFETY.

JULY 2008

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00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	LIEBIG ADHESIVE ANCHOR POLYESTER	LIEBIG INTERNATIONAL INC 1545 AVON ST., EXTENDED CHARLOTTESVILLE, VA 22901 804/979-7115 OR 800/247-2658	07/01/91	306	R	REJECTED, NO RESPONSE TO OUR REQUEST FOR TEST RESULTS. ORIGINALLY Q AS LOW STRENGTH.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	LIQUID ROC 300 GROUT POUCH POLYESTER	MKT FASTENING 800/336-1640 NORTHCOAST MANUFACTURER AGENCY JOHN STONE 206/366-8980 WILLIAMS CONCRETE 800/255-0560	07/10/08	66	R	NO CREEP TESTS.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	LIQUID ROC 500 EPOXY TWIN TUBE EPOXY	MKT FASTENING 800/336-1640 NORTHCOAST MANUFACTURER AGENCY JOHN STONE 206/366-8980 WILLIAMS CONCRETE 800/255-0560	08/14/97	717	R	WAS Q - LOW STRENGTH. MFG HAS DISCONTINUED PRODUCTN. WAS OWNED BY GUNNEBO (1/2000)
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	LIQUID ROC 700 ACRYLIC	MKT FASTENING 800/336-1640	05/11/06	3298	R	NO TESTING.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	PARABOND CAPSULE POLYESTER	MOLY FASTENING SYSTEMS 504 MT. LAUREL AVE. TEMPLE, PA 19560 REP: 213/926-6576	07901/91	934	R	REJECTED, NO RESPONSE TO OUR REQUEST FOR TEST RESULTS. ORIGINALLY Q 5/1/88.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	PG 1-215 HM GEL EPOXY	PERMAGLLE INDUSTRIES TED POPPE 800/645-7546 REP: DAVE CORDETT 253/838-4407 WHITE CAP 503/287-4151	08/13/92	924	R	THE MANUFACTURER DID NOT FURNISH TEST REPORTS THAT WE REQUIRED. DO NOT USE FOR LOW OR HIGH STRENGTH APPLICAT.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	PG 2089 EPOXY	PERMAGILE INDUSTRIES TED POPPE 800/645-7546 REP: DAVE CORBETT 253/838-4407 WHITE CAP 503/287-4151	08/13/92	925	R	THE MANUFACTURER DID NOT FURNISH TEST REPORTS THAT WE REQUIRED. DO NOT USE FOR LOW OR HIGH STRENGTH APPLICAT.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	РКО-РОХУ 200 ЕРОХУ	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	11/10/94	963	R	MFG DID NOT WANT TO DO THE TESTS FOR ASTM E-488 TO PROVE THE PULL OUT REQUIREMENTS.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	SPEC BOND 100 EPOXY	CONSPEC 877/266-7732	04/08/93	989	R	WHEN ASKED FOR TEST RESULTS THE MFG ELECTED NOT TO HAVE THE PRODUCT REVIEWED.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	SPEC BOND 150 EPOXY	CONSPEC 877/266-7732	04/08/93	990	 R	WHEN ASKED FOR TEST RESULTS THE MFG ELECTED NOT TO HAVE THE PRODUCT REVIEWED.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	SPEC BOND 200 EPOXY	CONSPEC 877/266-7732	04/08/93	9 <u>91</u>	R	WHEN ASKED FOR TEST RESULTS THE MFG ELECTED NOT TO HAVE THE PRODUCT REVIEWED.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	SPEC BOND 201 EPOXY	CONSPEC 877/266-7732	04/08/93	992	R	WHEN ASKED FOR TEST RESULTS THE MFG ELECTED NOT TO HAVE THE PRODUCT REVIEWED.
00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	SPEC BOND 50 EPOXY	CONSPEC 877/266-7732	04/08/93	988	R	WHEN ASKED FOR TEST RESULTS THE MFG ELECTED NOT TO HAVE THE PRODUCT REVIEWED.
00540.53	STAIN FINISH FOR CONCRETE SURFACES	CANYON TONE STAIN SOLVENT BASED	UNITED COATINGS E. 19011 CATALDO GREENACRES, WA 99016 800/541-4383	04/08/99	270	R	EXCEEDS MAX. V.O.C. ALLOWED BY THE E.P.A.; MAY BE USED, UNITL CURRENT SUPPLIES ARE EXHAUSTED BUT PRODCUTION ENDS 9/99.
00560.00	BRIDGE, TEMP./PERMANENT	FLATCARS	SKIP GIBBS RAILCARS P.O. BOX 686 REDWOOD VALLEY, CA 95470 707/485-5822 OR 707/463-3777	09/12/91	687	R	THESE ARE USED BUT THE SERVICE AND REPAIR HISTORY IS UNKNOWN. 89' STEEL DECKS.
00565.00	FRP BRIDGE STRENGTHENING	JACKIWRAP BY MERKEL	MERKEL COMPOSITE TECHNOLGY 602/220-0220	05/12/05	3059	R	DID NOT SUBMIT REQUIRED APPROVALS FROM CALTRANS.
00580.00	PLASTIC COMPOSITE BEARING	ORKOT BEARINGS	ORKOT 541/688-5529	12/13/01	1192	R	DOES NOT MEET ANY OF THE AASHTO BEARING TYPES.
00582.00	BEARING PAD, BRIDGE	ALERT T/F BEARING PAD	ALERT MANUFACTURING & SUPPLY 847/350-0460 DALTON ASSOCIATES E.TERRY DALTON 425/450-9462	04/09/92	758	R	HAS LOWER TOLERANCE OF ROTATIONS & HORIZONTAL MOVEMENT THAN AASHTO ELASTOMERIC PADS.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00582.00	TFE BEARING	STRESSGLIDE	CONTINENTAL RUBBER 503/393-3341 SPECIALTY ENGINEERING BRUCE HOLLIDAY 503/646-0801	12/14/95	1401	R	DOES NOT MEET AASHTO SPECS FOR TFE SURFACES.
00585.45	COAL TAR EPOXY POLYAMIDE PAINT	TARSET 7080 MAXI-BUILD II	PORTER PAINT CO PO BOX 1439 LOUISVILLE, KY 40201 502/588-9200	05/01/88	695	R	DOES NOT MEET SSPC-16
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	BITHUTHENE 5000	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	01/13/05	1431	R	RUBBERIZED AC/MESH- MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	BONI-FIBERS TYPE B FIBERS	KAPEJO, INC. 800/342-3717	01/13/05	681	R	POLYESTER FIBERS - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	CCW-711 WAS QUAKER QSC 711	CARLISLE COATINGS & WATERPROOF 800/338-8701 WHITE CAP 503/287-4151	01/13/05	580	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	CCW-711-150	CARLISLE COATINGS & WATERPROOF 800/338-8701	01/13/05	1453	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE-
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	CCW-711-65	CARLISLE COATINGS & WATERPROOF 800/338-8701	01/13/05	1451	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE-
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	CCW-711-90	CARLISLE COATINGS & WATERPROOF 800/338-8701	01/13/05	1452	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE-
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	CIM 1000 COMMERCIAL INDUSTRIAL MEMBRANE	CIM INDUSTRIES, INC. MFG: 800/543-3458 SPECIAL ASPHALT PRODUCTS DAVE HEATH 503/295-6490	01/13/05	1432	R	LIQUID MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	ELIMINATOR	STERLING LLOYD PRODUCTS TOM CARTER 860/666-5008 JIM SULLIVAN 206/282-9759	09/13/01	1439	R	MFG DID NOT ACCEPT OUR WARRANTY REQUIREMENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	GEOTAC	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	01/13/05	689	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	HI-TECH FIBERS	HI TECH FIBERS 916/624-1073	01/13/05	623	R	POLYESTER FIBERS - MFG FAILED TO RESPOND: NEW SPEC REQUIRE - MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	HYDROTECH 6125 HD-BD	AMERICAN HYDROTECH, INC. 312/337-4998	02/10/05	1558	R	MODIFIED RUBBER ASPHALT. LIQUID. FAILED TO RESPOND TO NEW SPEC REQUIREMENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	INFRATAC	INFRATECH POLYMERS REP: DAN ASHBY 604/888-8808 VENDOR: BRETTHAUER ROAD OIL ROB BRETTHAUER 503/648-1074	01/13/05	1033	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	JIFFY SEAL 400	PROTECTO WRAP CO. 2255 SOUTH DELAWARE ST. DENVER COLORADO 80223 303/777-3001	01/13/05	1433	R	FIBROUS COAL TAR - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	KEMPEROL	KEMPER SYSTEMS 800/541-5455. REP: PIONEER WATERPROOFING, 503/232-9020 BRUCE HOLLIDAY.	01/13/05	1193	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE - MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	MEL DEK	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	01/13/05	691	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	MEL GARD	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	02/10/05	1252	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE - MENTS.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	MEL-ROL	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	05/12/94	786	R	SUITABLE FOR WALL APPS WE WOULD MOST LIKELY ONLY USE FOR BRIDGE DECKS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	MELNAR	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	05/12/94	787	R	SUITABLE FOR WALL APPLICA- TIONS - WE ONLY USE MEMBRANES FOR BRIDGE DECKS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	MEMBRANE #5	KOCH MATERIALS CO LINDA BECK 800/521-9593	01/13/05	184	R	LIQUID MEMBRANE - MFG FAILED TO REPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	MIRACLAY	MIRADRI 888/464-7234 RW SIMMONS 253/946-3740	03/09/95	1249	R	BENTONITE CLAY PRODUCT. IT IS DESIGNED FOR VERTICAL WALLS OR MUD SLAB WATERPROOFING.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	MIRADRI 700	MIRADRI 888/464-7234 WOODY EARL 800/869-8905 STEPHEN MARTIN 425/488-5948	08/08/02	1248	R	GRADE LIMIT: 10%, AND 15% WITH RESTRICTIONS. MFG WILL NOT WARRANT PROJECTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	MIRASEAL 9100	MIRADRI 888/464-7234 RW SIMMONS 253/946-3740	09/13/01	1250	R	MFG DID NOT WANT TO WARRANT THE PRODUCT.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	NEI C6000	NORTHERN ELASTOMERIC, INC. 800/998-4634	01/13/05	1449	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	NEI C7000	NORTHERN ELASTOMERIC, INC. 800/998-4634	01/13/05	1450	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE - MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	PERCOL ELASTIC CEMENT A	PERCOL POLYMERICS, INC. RANSOME WYMAN 714/979-5555	01/13/05	899	R	LIQUID MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE - MENTS.

JULY 2008

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00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	PETROTAC	AMOCO FABRICS AND FIBERS 770/956-9025 ACF WEST 800/878-5115	01/13/05	91	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	POLYGUARD 665	POLYGUARD PRODUCTS 800/541-4994 ACF WEST 800/878-5115 SPEC. MARKETING 208/322-6800	01/13/05	377	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	PROTECTO WRAP M-400A	PROTECTO WRAP CO. 2255 SOUTH DELAWARE ST. DENVER, COLORADO 80223 303/777-3001	01/13/05	1434	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	PROTECTO WRAP M-400A R HD	PROTECTO WRAP CO. 2255 SOUTH DELAWARE ST. DENVER, COLORADO 80223 303/777-3001	01/1 3 /05	1424	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	ROYAL GARD PLUS #104ARHT	ROYSTON LABORATORIES INC. CHASE CORP. 508/279-1789 DOUG ZUBERER 508/884-5025 X201	09/13/01	2333	R	MFG DID NOT WANT TO WARRANT THE PRODUCT.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	ROYSTON BRIDGE DECK 10A	ROYSTON LABORATORIES INC. CHASE CORP. 508/279-1789 DOUG ZUBERER 508/884-5025 x201	01/13/05	1435	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	ROYSTON BRIDGE DECK 10A EP	ROYSTON LABORATORIES INC. CHASE CORP. 508/279-1789 DOUG ZUBERER 508/884-5025 X201	09/13/01	2334	R	MFG DID NOT WANT TO WARRANT THE PRODUCT.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	ROYSTON BRIDGE DECK 10AN ER	ROYSTON LABORATORIES INC. CHASE CORP. 508/279-1789 DOUG ZUBERER 508/884-5025 X201	01/13/05	1157	R	ROLLED MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	RUB-R-WALL PLUS	RUBBER POLYMER CORP. INC. 800/860-7721	01/13/05	1896	R	LIQUID MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.

JULY 2008

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00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	SAMI ASPHALT RUBBER CHIP SEAL	INTERNATIONAL SURFACING INC. REP: JEFFREY R. SMITH OR DICK MESSICK 800/528-4548	01/13/05	900	R	SPECIAL AC MIX - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	UNIROYAL FLEXIBLE MEMBRANE 6125	AMERICAN HYDROTECH, INC. 206/441-6125	01/13/05	1437	R	RUBBERIZED AC - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00591.00	MEMBRANE WATERPROOFING FOR WARRANTY PROJECTS	UREFAST PF-60	URE-FAST INDUSTRIES 807/473-5151 SULLIVAN SUPPLY 206/621-9300 800/201-9300	01/13/05	2154	R	SPRAY MEMBRANE - MFG FAILED TO RESPOND: NEW SPEC REQUIRE- MENTS.
00594.12	STRUCTURAL STEEL CAULK	PRO SELECT STAMPEDE 2	SHERWIN WILLIAMS 360/604-3162 503/362-3729	10/11/07	3557	R	WE DON'T ALLOW 2 PART PRODUCTS FOR THIS APPLICATION.
00594.12	STRUCTURAL STEEL CAULK	SIKAFLEX 2C-NS S	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-79522 MASONS SUPPLY 800/537-3407	10/11/07	3032	R	WE DON'T ALLOW 2 PART PRODUCTS FOR THIS APPLICATION.
00594.12	STRUCTURAL STEEL CAULK	TREMPRO 626	TREMCO 425/766-9868	10/11/07	3384	R	TACK FREE TIME TOO SLOW.
00594.12	STRUCTURAL STEEL CAULK	VULKEM 116	TREMCO 425/766-9868	10/11/07	3382	R	CURES TOO SLOW.
00597.11	CLEAR DAMP PROOFING	KRILLISEAL 17085	RODDA PAINT 12000 SW GARDEN PLACE PORTLAND OR 97223 503/521-4300	12/13/01	1723	R	FOR BUILDING EXT WALLS. VOC'S EXCEED EPA LIMITS.
00597.11	CLEAR DAMP PROOFING	WEATHER WORKER S-40 (J-29) VOC'S = HIGH!	DAYTON SUPERIOR 800/745-3707 MIKE COSTELLO 425/301-1975 MASON'S SUPPLY, 800/537-3407 WHITE CAP 503/287-4151	12/11/97	1374	R	REJECTED - VOC'S TOO HIGH

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00597.11	CLEAR DAMP PROOFING	WEATHERWORKER (J-26) VOC'S = 814	DAYTON SUPERIOR 800/745-3707 MIKE COSTELLO 425/301-1975 MASON'S SUPPLY, 800/537-3407 WHITE CAP 503/287-4151	05/08/97	674	R	REJECTED FOR PORTLAND METRO AREA - VOCS TOO HIGH. OK FOR THE REST OF OREGON UNTIL 1/98. NO APPLICATION.
00597.11	CLEAR DAMP PROOFING SILANE, SILOXANE COPLYMER	HYDROPEL	L & M CONSTRUCTION CHEMICALS 800/363-3331 OR 420/453-6600 BILL PAVITT 425/562-6076	01/08/98	1317	R	PROD. DOES NOT MEET NEW VOC LIMITS. WOULD HAVE REDUCED RE- PAIR OF MOISTURE PENETRATION BY HALF.
00597.11	FILLERS & SEALERS	AQUA PLUG	MINWAX CO. 415/964-9676, CA. MINWAX CO. 201/391-0253, NJ. VEN: VALLEY CONTRACTORS SUPPLY KATHY FRITZ 503/344-5677, OR	12/13/90	600	R	INCIDENTAL TO OTHER WORK
00745.00	ASPHALT COLD PATCH - HP	ALL SEASON PATCHING MATERIAL	ALL SEASON PATCHING COMPANY 408/395-7716	04/10/03	1219	R	DID NOT COMPLY WITH OUR REQUIREMENTS.
00745.00	ASPHALT COLD PATCH - HP	HI Q ASPHALT REPAIR KIT	EVERGREEN CHEMICAL 702/331-8200	04/10/03	718	R	DID NOT COMPLY WITH OUR REQUIREMENTS.
00745.00	ASPHALT COLD PATCH - HP	HYDRO PATCH	HYDRO PATCH OF OREGON 520/476-5886	04/10/03	412	R	DID NOT COMPLY WITH OUR REQUIREMENTS.
00745.00	ASPHALT COLD PATCH - HP	HYDRO-PATCH ALL SEASON PATCH	OPHIR OIL CO. 916/885-0491	04/10/03	1013	R	DID NOT COMPLY WITH OUR REQUIREMENTS.
00745.00	ASPHALT COLD PATCH - HP	PATCH N' GO	RAINBOW TECHNOLOGY 800/637-6047	05/12/05	3049	R	MFG FAILED TO SEND TEST RESULTS.
00745.00	ASPHALT COLD PATCH - HP	PERCOL ELASTIC CEMENT AC GRADE	PERCOL POLYMERICS, INC. RANSOM WYMAN 714/979-5555	04/10/03	1299	R	DID NOT COMPLY WITH OUR REQUIREMENTS.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00745.00	ASPHALT COLD PATCH - HP	ROAD FLEX	ROAD TECHS, INC. 804/749-8614	04/10/03	1772	 R	DID NOT COMPLY WITH OUR REQUIREMENTS.
00745.00	ASPHALT COLD PATCH - HP	ROAD PATCH	ROAD TECHS, INC. 804/749-8614	04/10/03	1773	R	DID NOT COMPLY WITH OUR REQUIREMENTS.
00745.00	ASPHALT COLD PATCH - HP	UREFAST PF-60	URE-FAST INDUSTRIES 807/473-5151 SULLIVAN SUPPLY 206/621-9300 800/201-9300	06/10/04	2154	R	DID NOT COMPLY WITH OUR REQUIREMENTS.
00745.00	ASPHALT COLD PATCH - HP	WESTERN HY-GRADE HP ASPHALT	UNIQUE PAVING MATERIALS 800/441-4880	04/10/03	233	R	DID NOT COMPLY WITH OUR REQUIREMENTS.
00745.00	ASPHALT COLD PATCH - HP BAGS	US COLD PATCH	YK PRODUCTS 425/438-8828	10/09/03	2791	R	FAILED OUR GRADATION REQUIRE- MENTS.
00745.00	ASPHALT COLD PATCH - HP BULK	KING PATCH	PACIFIC ASPHALT MARKETING 801/785-1560	06/13/02	483	R	PART OF RESEARCH PROJECT 2002. DID NOT PERFORM WELL ON ROAD. FAILED GRADATION & WORKABILITY TESTS
00745.22	TRUCKBED COATING MATERIAL	SLICK AND SLIDE	ENVIRO-CHEM, 800/557-2200	01/09/97	1512	R	COULD NOT DEMONSTRATE PASSING TESTS BY ARIZONA DOT.
00759.00	DETECTABLE WARNING DEVICE CURED CONCRETE	ALERTMAT - BLACK	CAPLE-SHAW INDUSTRIES, INC. BILL SHAW 817/625-9442 RLS MARKETING: DIANE ANCTIL OR ROBERT SPROUSE 919/872-4994	07/08/93	1022	R	ORIGINALLY NOT WHAT WE WANTED.
00759.00	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	EAST JORDAN MODEL 7005	EAST JORDAN IRON WORKS - MI 231/536-4550 EAST JORDAN IRON WORKS - OR 503/369-7680	09/13/07	3500	R	COATING IS ONLY SURFACE APPLIED.

PAGE 183

ODOT CONSTRUCTION/MATERIALS SECTION REJECTED LIST - DO NOT USE THESE PRODUCTS

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00760.00	POROUS PAVER-MEDIUM DUTY	GRASSPAVE2 W/HYDROGROW	INVISIBLE STRUCTURES 303/395-1803	10/12/06	2402	R	MIGHT WORK, BUT WE ARE NOT READY TO APPROVE IT YET.
00760.00	POROUS PAVER-MEDIUM DUTY	GRAVELPAVE2	INVISIBLE STRUCTURES 303/395-1803	10/12/06	2403	R	MIGHT WORK, BUT WE ARE NOT READY TO APPROVE IT YET.
00820.00	CONCRETE BARRIER	GP LINK	GUNNAR PREFAB AB 312/560-0583	04/12/01	2385	R	FHWA APPROVED-BUT NOT COMPAT- ABLE WITH OUR CURRENT SYSTEM. EXCESSIVE DEFLECTION. BENEFITS DON'T WARRANT COST OF CHANGE.
00820.00	CONCRETE BARRIER	J-J HOOKS SAFETY BARRIER	EASI-SET INDUSTRIES PO BOX 300 MIDLAND, VA 22728 TOP BRIAN STOCK 800/547-4045	03/13/08	935	R	FHWA APPROVED-BUT NOT COMPAT- ABLE WITH OURS. HI DEFLECTION. BENEFITS DON'T WARRANT COST. RE-CONFIRMED 8/99, 8/05, 3/08
00820.11	BARRIER MARKER REFLECTIVE	BARRIER MARKER FB-33 AND FB-34	ASTRO OPTICS CORP 847/488-9151 GARY KINBERG 847/488-9151	02/11/99	1491	R	REFLECTIVE TAPE ON PLASTIC "L" MARKER. 1 AND 2 SIDED AVAILABLE.
00820.11	BARRIER MARKER REFLECTORIZED	DAVIDSON PCBM 12	FILTRONA EXTRUSN 877-335-4638 BILL DALY TRAFFIC SAFETY 800/547-8518	07/08/99	1611	R	REFLECTIVE TAPE ON PLASTIC "L" MARKER. DOES NOT MEET OUR REQUIREMENTS FOR PRISMATIC UNITS.
00820.11	BARRIER MARKER REFLECTORIZED	FLEX 2020	DURAFLEX CORPORATION 201/962-7779	07/08/99	380	R	THIS PRODUCT USES SHEETING. OUR SPECS REQUIRE PRISMATIC.
00820.11	BARRIER MARKER REFLECTORIZED	FLEXIBLE BARRIER MARKER	VEGA MOLDED PRODUCTS 714/891-7911	07/08/99	1768	R	MFG REFUSED TO SEND INFO ON THEIR SHEETING SPECS.
00820.11	BARRIER MARKER REFLECTORIZED	GREENLINE BMD-1	GREENLINE PRODUCTS 800/438-4733	07/08/99	1049	R	DOES NOT MEET OUR REQUIREMENTS FOR PRISMATIC REFLECTORS. THIS IS DESIGNED FOR TAPE.

JULY 2008

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00820.11	BARRIER MARKER REFLECTORIZED	JD SERIES BARRIER DELINEATOR	VEGA MOLDED PRODUCTS 714/891-7911	07/08/99	1765	R	MFG REFUSED TO SEND INFO ON THEIR SHEETING SPECS.
00820.11	BARRIER MARKER REFLECTORIZED	REPLACEABLE BARRIER MARKER	SAFE-HIT CORP. 888/323-6374 MIKE MADDEN 206/932-6146 JIM CROWLEY 800/770-6755	07/08/99	1625	R	THIS USES SHEETING, WE REQUIRE PRISMATIC REFLEX UNITS.
00820.11	BARRIER MARKER REFLECTORIZED SHEETING	3-м 3870	3-M COMPANY 800/962-6217	07/08/99	1947	R	THIS IS HI INTENSITY SHEETING. OUR SPECS REQUIRE PRISMATIC.
00820.11	BARRIER MARKER REFLECTORIZED SHEETING	3-м 3990	3-M COMPANY 800/962-6217	07/08/99	1948	R	THIS IS DIAMOND GRADE SHEETING OUR SPECS REQUIRE PRISMATIC.
00820.11	BARRIER MARKER REFLECTORIZED SHEETING	REFLEXITE AP1000	REFLEXITE CORP. 800/654-7570 JOHN LESTER 925/899-7646	07908/99	1946	R	REFLECTIVE TAPE ON PLASTIC "L" MARKER. DOES NOT MEET OUR REQUIREMENTS FOR PRISMATIC UNITS.
00820.11	BARRIER MARKER REFLECTORIZED SHEETING	REFLEXITE AR1000	REFLEXITE CORP. 800/654-7570 JOHN LESTER 925/899-7646	07/08/99	1557	R	ADHESIVE BACKED RETROREFLECT SHEETING. OUR SPECS REQUIRE PRISMATIC UNITS. ABRASIVE RESISTANCE NOT PROVEN.
00820.11	BARRIER MARKER REFLECTORIZED SHEETING	TD9300 BARRIER MARKER	THREE D TRAFFIC WORKS 877/843-9757	07/08/04	2697	R	USES REFLECTIVE TAPE, WHICH WE DON'T ALLOW.
00820.11	BARRIER MARKER REFLECTORIZED SHEETING	TD9400 BARRIER MARKER	THREE D TRAFFIC WORKS 877/843-9757	07/08/04	2698	R	USES REFLECTIVE TAPE, WHICH WE DON'T ALLOW.
00822.00	GLARE SHIELDS	ABT - 120TK (Z-BARRIER)	ADVANCED BARRIER TECHNOLOGIES 702/346-5720	10/14/04	2805	R	REQUIRES HOLES IN BARRIER. WOULD REQUIRE MAJOR RE-DESIGN TO OUR BARRIER DESIGN.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00822.00	GLARE SHIELDS	DURA-SCREEN MODULAR GLARE SCREEN	SAFE-HIT CORP. 888/323-6374 MIKE MADDEN 206/932-6146	07/13/96	1175	R	RECYCLED-PLASTIC 2"-4" BASE FAILED LAB TEST #96-2916 PASSED WITH NEW FINS ON SIDE, BUT DISCONTINUED 10/2001.
00822.00	GLARE SHIELDS	FLEXSTAKE GLARE SCREEN	FLEXSTAKE, INC. 800/348-9839 JIM ZADRONZNY PUBLIC WORKS SUPPLY 800/754-6551	04/10/97	1502	R	PADDLE RECYCLED POLYCARBONATE. BASE POLYCARBONATE EXTRUSION.
00822.00	GLARE SHIELDS	GUARDIAN GAWK SCREEN	ARMORCAST PRODUCTS CO. 818/982-3600	10/14/04	2902	R	REQUIRES HOLES IN BARRIER. WOULD REQUIRE MAJOR RE-DESIGN.
00822.00	GLARE SHIELDS	SAFE-HIT GLARE SCREEN	SAFE-HIT CORP. 888/323-6374	11/13/97	1589	R	PROBLEMS WITH COLD IMPACT. THE PLASTIC BECAME VERY BRITTLE IN COLD WEATHER. BLEW APART WHEN IMPACTED (COLD).
00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-3 IMPACT SPEED 100KPH/60MPH	ENERGITE III	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	05/01/88	1297	R	OK FOR TEMP APPS ONLY. GORES OR SHLDS WITH OBSTR > 36". NOT VANDAL PROOF.
00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-3 IMPACT SPEED 100KPH/60MPH	FITCH SAND FILLED MODULES LABELED AS "UNIVERSAL MODULE"	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	06/10/93	1028	R	OK FOR TEMP APPLS ONLY. NOT REDIRECTIVE. NOT VANDAL PROOF. CHECK STANDARD DRAWING RD 940. SAND FILLED DRUMS, NEW IN '93
00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-3 NON-REDIRECTIVE	TRAFFIX DEVICES BIG SANDY	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	03/11/99	1850	R	12 MODULE ARRAY ONLY. NOT VANDAL PROOF. APPROVED FOR TEMPORARY USES ONLY.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW APPS. NCHRP 350 TL-2, GATING, NON REDIRECTIVE	ABSORB 350 TL-2	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888	03/14/02	2336	R	FOR FRONT OF BARRIER AND QUICK CHANGE BARRIER. WE DON'T USE THE WATER FILLED UNITS FOR PERMANENT APPLICATIONS.
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW APPS. NCHRP 350 TL-3, GATING IMPACT SPEED 100KPH/60MPH	ADIEM 350	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	06/11/98	1663	R	FOR FRONT OF CONCRETE BARRIER. LONGTERM DURABILITY OF PERLITE BLOCKS QUESTIONED.REDIRECTIVE. PROB AT DELANEY RD (SALEM)6/98

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00830.00	IMPACT ATTENUATOR, PERMANENT, NARROW APPS. NCHRP 350 TL-3, GATING, NON REDIRECTIVE	ABSORB 350 TL-3	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888	03/14/02	2336	R	FOR FRONT OF BARRIER AND QUICK CHANGE BARRIER. WE DON'T USE THE WATER FILLED UNITS FOR PERMANENT APPLICATIONS.
00830.00	IMPACT ATTENUATOR, PERMANENT, WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	REACT 350-WIDE	ENERGY ABSORPTION SYSTEMS, INC JIM CROWLEY 312/467-6750 CORAL SALES: 800/538-7245	03/13/02	1826	R	TESTED FOR IMPACT SPEEDS UP TO 60 MPH. BUT LATER TESTS SHOWED PROBLEMS, FIXED LATER: P-2587. CYL RE-EXPAND AFTER IMPACT
00830.00	IMPACT ATTENUATOR, TYPE J PERMANENT NCHRP 350 TL-3	HEART	TRINITY INDUSTRIES, INC. CHUCK NORTON 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	06/12/08	3649	R	HDPE SIDE PANELS AND ROUNDED FRONTAL NOSE PIECE. NOT APPROVED FOR GORES, SO WE CAN'T USE IT.
00850.10	LEGEND MARKING TYPE A STANDARD HOT POURED THERMOPLASTIC 120 MILS	CATA-THERM	CATAPHOTE 800/221-2574 PETE MCCAFFERTY	02/01/00	2233	R	DID POORLY ON CONCRETE TEST DECK 9/99. PRIMERLESS.
00850.10	LEGEND MARKING TYPE A STANDARD HOT POURED THERMOPLASTIC 120 MILS	SWAROLUX 003	SWARCO REFLEX 254/562-9879 JORGE SALAZAR	02/10/00	2231	R	DID POORLY ON CONCRETE TEST DECK 9/99. EXPERIMENTING WITH PRIMERLESS VERSION. MAY TRY LATER WITH PRIMER.
00850.10	LEGEND MARKING TYPE B STANDARD PREFORMED THERMOPLASTIC 125 MILS	FLAMETAPE	ENNIS PAINT 800/835-3357	02/10/00	2227	R	DID NOT STICK TO CONCRETE ON OUR TEST DECK (9/99).
00850.10	LEGEND MARKING TYPE D STANDARD METHYL METHACRYLATE 120 MILS	DURASET 1 - WHITE (999461W)	ENNIS PAINT 800/835-3357	05/13/04	2895	R	TEST ON ROUTE 22 ('03-'04). CODE: 999461W CAT: 999460EP HAD PROBLEMS ON TEST DECK WITH IN 7 MONTHS.
00850.10	LEGEND MARKING TYPE D STANDARD METHYL METHACRYLATE 120 MILS	DURASET 1 - YELLOW (999461Y)	ENNIS PAINT 800/835-3357	04/08/04	2963	R	TEST ON ROUTE 22 ('03-'04). CODE: 999461Y CAT: 999460BP HAD PROBLEMS ON TEST DECK WITH IN 6 MONTHS.
00850.10	LEGEND MARKING TYPE D STANDARD METHYL METHACRYLATE 120 MILS	DURASET 2 - WHITE (999462W)	ENNIS PAINT 800/835-3357	07/08/04	2896	R	MFG CERTIFIED IT WAS SAME AS DURASET 3 WHICH DID NOT WORK WELL FOR US.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00850.10	LEGEND MARKING TYPE D STANDARD METHYL METHACRYLATE 120 MILS	DURASET 3 - WHITE (999463W)	ENNIS PAINT 800/835-3357	05/13/04	2825	 R	TEST ON ROUTE 22 ('03-'04). CODE: 999463W CAT: 999463C 4:1 RATIO. DID POORLY WITHIN 7 MONTHS.
00850.10	LEGEND MARKING TYPE D STANDARD METHYL METHACRYLATE 120 MILS	DURASET 3 - YELLOW (999463Y)	ENNIS PAINT 800/835-3357	04/08/04	2 9 65	R	TEST ON ROUTE 22 ('03-'04). CODE: 999463Y CAT: 999463C 4:1 RATIO. DID POORLY WITHIN 6 MONTHS.
00850.10	LEGEND MARKING TYPE D STANDARD METHYL METHACRYLATE 120 MILS	DURASET 4 - WHITE (999654W)	ENNIS PAINT 800/835-3357	0\$/13/04	2897	R	TEST ON ROUTE 22 ('03-'04). CODE: 999654W CAT: 999654C 4:1 RATIO. PROBLEMS ON TEST DECK WITHIN 7 MONTHS.
00850.10	LEGEND MARKING TYPE D STANDARD METHYL METHACRYLATE 120 MILS	DURASET 4 - YELLOW (999654Y)	ENNIS PAINT 800/835-3357	04/08/04	2966	R	TEST ON ROUTE 22 ('03-'04). CODE: 999654Y CAT: 999654C 4:1 RATIO. PROBLEMS ON TEST DECK WITHIN 6 MONTHS.
00850.10	LEGEND MARKING TYPE D STANDARD METHYL METHACRYLATE 120 MILS	RITE-MARK MMA	AEXCEL CORPORATION RUSS FRANCIS 440/974-3800 ROAD KARE, LTD ROGER LEMESH 334/955-5117	02/12/04	1901	R	MODEL: WHITE 25W-G001 YELLOW 25Y-G003 50:1 MIXING RATIO WAS C 2/10/00. 1999 TEST DECK.
00851.10	TAPE, PERMANENT STRIPING NON-PATTERNED	3-м 5730	3-M COMPANY 800/362-3455 SPENCER CANTWELL 541/390-1759 TRAFFIC CONTROL MATERIALS DIV. 800/553-1380	06/12/97	1082	R	STUDY BY RESEARCH UNIT SHOWED THIS PRODUCT TO STAY IN PLACE WELL-BUT IT LACKED THE REFLECT IVITY NEEDED TO BE PERMANENT.
00862.10	TRAFFIC LINE, DURABLE - A METHOD A METHYL METHACRYLATE 90 AND 120 MILS	DURASET 2 - WHITE (999462W)	ENNIS PAINT 800/835-3357	07/08/04	2896	R	MFG CERTIFIED EQUAL TO DURASET 3 - WHITE, BUT IT DID POORLY ON OUR TEST DECK FOR DURABILITY.
00862.10	TRAFFIC LINE, DURABLE - A METHOD A METHYL METHACRYLATE 90 AND 120 MILS	DURASET 2 - YELLOW (999462Y)	ENNIS PAINT 800/835-3357	07/08/04	2964	R	MFG CERTIFIED EQUAL TO DURASET 3 - YELLOW, BUT IT DID POORLY ON OUR TEST DECK.
00862.10	TRAFFIC LINE, DURABLE - A METHOD A THERMOPLASTIC 120 MILS	3D THERMO	CATAPHOTE 800/221-2574 PETE MCCAFFERTY	02/10/00	2232	R	DID POORLY ON CONCRETE TEST DECK 9/99. PRIMERLESS.

JULY 2008

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00862.10	TRAFFIC LINE, DURABLE - A METHOD A THERMOPLASTIC 120 MILS	SWAROLUX 003	SWARCO REFLEX 254/562-9879 JORGE SALAZAR	02/10/00	2231	R	DID POORLY ON CONCRETE TEST DECK 9/99. EXPERIMENTING WITH PRIMERLESS VERSION. MAY TRY LATER WITH PRIMER.
00862.10	TRAFFIC LINE, DURABLE - B METHOD B METHYL METHACRYLATE 90 AND 120 MILS	DURASET 2 - YELLOW (999462Y)	ENNIS PAINT 800/835-3357	07/08/04	2964	R	MFG CERTIFIED EQUAL TO DURASET 3 - YELLOW, BUT IT DID POORLY ON OUR TEST DECK.
00862.10	TRAFFIC LINE, DURABLE - B METHOD B METHYL METHACRYLATE 90 AND 120 MILS	DURASET 3 - WHITE (999363W)	ENNIS PAINT 800/835-3357	0\$/13/04	2825	R	TEST ON ROUTE 22 ('03-'04). CODE: 999363W CAT: 999463C 4:1 RATIO. DID POORLY AFTER 7 MONTHS.
00862.10	TRAFFIC LINE, DURABLE - B METHOD B METHYL METHACRYLATE 90 AND 120 MILS	DURASET 3 - YELLOW (999463Y)	ENNIS PAINT 800/835-3357	04/08/04	2965	R	TEST ON ROUTE 22 ('03-'04). CODE: 999463Y CAT: 999463C 4:1 RATIO. DID POORLY AFTER 6 MONTHS.
00862.10	TRAFFIC LINE, DURABLE - B METHOD B METHYL METHACRYLATE 90 AND 120 MILS	DURASTRIPE PLUS TYPE I-6(W) M1E106 (WHITE)	ENNIS PAINT 800/835-3357	06/09/05	3103	R	TESTED ON ROUTE 22 8/19/04 #33 WE DON'T ALLOW THE PUSHCART.
00862.10	TRAFFIC LINE, DURABLE - B METHOD B METHYL METHACRYLATE 90 AND 120 MILS	DURASTRIPE PLUS TYPE I-6(Y) M1E306 (YELLOW)	ENNIS PAINT 800/835-3357	06/09/05	3102	R	TESTED ON ROUTE 22 8/19/04 #32 WE DON'T ALLOW THE PUSHCART.
00862.10	TRAFFIC LINE, DURABLE - B METHOD B METHYL METHACRYLATE 90 AND 120 MILS	DURASTRIPE PLUS TYPE III-1(W) M3E101 (WHITE)	ENNIS PAINT 800/835-3357	05/13/04	2908	R	TEST ON ROUTE 22 ('03-'04). HAD PROBLEMS WITHIN 7 MO.
00862.10	TRAFFIC LINE, DURABLE - B METHOD B THERMOPLASTIC 120 MILS	CATA-THERM	CATAPHOTE 800/221-2574 PETE MCCAFFERTY	02/10/00	2233	R	DID POORLY ON CONCRETE TEST DECK 9/99. PRIMERLESS.
00862.10	TRAFFIC LINE, DURABLE - B METHOD B THERMOPLASTIC NON PROFILED	THINLINE	ENNIS PAINT 800/835-3357	04/13/00	1349	R	THERMOPLASTIC LINE W/O BUMPS. APPEARS TO BE 1 - 2 YEAR LINE. MINIMUM: 90 MILS MIN THICK. DID NOT MEET OUR EXPECTATIONS.

JULY 2008

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00862.10	TRAFFIC LINE, DURABLE - C METHOD C METHYL METHACRYLATE	DURASET 3 - WHITE (999363W)	ENNIS PAINT 800/835-3357	05/13/04	2825	R	TEST ON ROUTE 22 ('03-'04). CODE: 999363W CAT: 999463C 4:1 RATIO. DID POORLY AFTER 7 MONTHS.
00862.10	TRAFFIC LINE, DURABLE - C METHOD C METHYL METHACRYLATE	DURASET 3 - YELLOW (999463Y)	ENNIS PAINT 800/835-3357	04/08/04	2965	R	TEST ON ROUTE 22 ('03-'04). CODE: 999463Y CAT: 999463C 4:1 RATIO. DID POORLY AFTER 6 MONTHS.
00862.10	TRAFFIC LINE, DURABLE - C METHOD C METHYL METHACRYLATE	DURASET 4 - WHITE (999654W)	ENNIS PAINT 800/835-3357	05/13/04	2897	R	TEST ON ROUTE 22 ('03-'04). CODE: 999654W CAT: 999654C 4:1 RATIO. PROBLEMS ON TEST DECK WITHIN 7 MONTHS.
00862.10	TRAFFIC LINE, DURABLE - C METHOD C METHYL METHACRYLATE	DURASET 4 - YELLOW (999654Y)	ENNIS PAINT 800/835-3357	04/08/04	2966	R	TEST ON ROUTE 22 ('03-'04). CODE: 999654Y CAT: 999654C 4:1 RATIO. PROBLEMS ON TEST DECK WITHIN 6 MONTHS.
00862.10	TRAFFIC LINE, DURABLE - C METHOD C METHYL METHACRYLATE	DURASTRIPE PLUS TYPE III-1(W) M3E101 (WHITE)	ENNIS PAINT 800/835-3357	05/13/04	2908	R	TEST ON ROUTE 22 ('03-'04). HAD PROBLEMS WITHIN 7 MO.
00862.10	TRAFFIC LINE, DURABLE - E METHOD E THERMOPLASTIC 120 MILS	3D THERMO	CATAPHOTE 800/221-2574 601/939-4612	02/10/00	2232	R	DID POORLY ON CONCRETE TEST DECK 9/99. PRIMERLESS.
00862.10	TRAFFIC LINE, DURABLE - F METHOD F METHYL METHACRYLATE 90 AND 120 MILS	DURASET 4 - WHITE (999654W)	ENNIS PAINT 800/835-3357	05/13/04	2897	R	TEST ON ROUTE 22 ('03-'04). CODE: 999654W CAT: 999654C 4:1 RATIO. PROBLEMS ON TEST DECK WITHIN 7 MONTHS.
00862.10	TRAFFIC LINE, DURABLE - F METHOD F METHYL METHACRYLATE 90 AND 120 MILS	DURASET 4 - YELLOW (999654Y)	ENNIS PAINT 800/835-3357	04/08/04	2966	R	TEST ON ROUTE 22 ('03-'04). CODE: 999654Y CAT: 999654C 4:1 RATIO. PROBLEMS ON TEST DECK WITHIN 6 MONTHS.
00862.10	TRAFFIC LINE, DURABLE - F METHOD F METHYL METHACRYLATE 90 AND 120 MILS	DURASTRIPE PLUS TYPE V-1(W) M5S101 (WHITE)	ENNIS PAINT 800/835-3357	04/08/04	2912	R	TEST ON ROUTE 22 ('03-'04). HAD PROBLEMS WITHIN 6 MO.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00862.10	TRAFFIC LINE, DURABLE - F METHOD F METHYL METHACRYLATE 90 AND 120 MILS	DURASTRIPE PLUS TYPE V-3(Y) M5S203 (YELLOW)	ENNIS PAINT 800/835-3357	05/13/04	2915	R	TEST ON ROUTE 22 ('03-'04). DID POORLY AFTER 7 MONTHS.
00862.10	TRAFFIC LINE, DURABLE - F METHOD F METHYL METHACRYLATE 90 AND 120 MILS	DURASTRIPE PLUS TYPE V-4(W) M5S104 (WHITE)	ENNIS PAINT 800/835-3357	05/13/04	2916	R	TEST ON ROUTE 22 ('03-'04). DID POORLY AFTER 7 MONTHS.
00862.10	TRAFFIC LINE, DURABLE - F METHOD F THERMOPLASTIC SPAY	THINLINE	ENNIS PAINT 800/835-3357	04/13/00	1349	R	THERMOPLASTIC LINE W/O BUMPS. APPEARS TO BE 1 - 2 YEAR LINE. MINIMUM: 90 MILS MIN THICK. DID NOT MEET OUR EXPECTATIONS.
00920.00	SIGN BASE, PRECAST	CONCRETE SIGN FOOTING	ERICSSON MFG. VANCOUVER, BC CANADA V6M 3P9 KRISTINA ERICSSON 604/263-4155	03/13/97	1396	R	TESTS AND APPROVAL FORM FHWA WAS NOT AVAILABLE. AWKWARD TO HANDLE, AND EXPENSIVE.
00930.00	BREAKAWAY SIGN SUPPORT	REDI-TORQUE MODEL 280	XCESSORIES SQUARED DEV & MFG 217/438-3535	03/13/08	3463	R	NO INFO ON MOMENT AND SHEER IT CAN RESIST. NO INFORMATION ON INITIAL TIGHTENING REQUIREMENT
00930.00	BREAKAWAY SIGN SUPPORTS	SLIP-MATE	ULTIMATE HIGHWAY PRODUCTS NICK CALVI 800/730-4939	11/09/04	3005	R	DOES NOT MEET OUR STANDARD DRAWINGS.
00940.00	CHEVRON, LED ENHANCED	INTERPLEX SOLAR CHEVRON	INTERPLEX SOLAR, INC. ROBERT NELLEMAN 708/396-1976	10/14/93	967	R	SOLAR POWERED UNIT THAT OUT- LINES LEGENDS IN A CHEVRON. FHWA WILL ONLY ALLOW EXPERI- MENTALLY. ODOT WILL NOT PURSUE
00990.43	TRAFFIC LOOP SEALANTS	PROSEAL 6006	RAI PRODUCTS 888/776-7325 704/525-1852	04/08/04	1981	R	2 PART POLYESTER. NOT GOOD FOR SLOPES. TOO SOFT AFTER CURE.
00990.43	TRAFFIC LOOP SEALANTS	PROSEAL 6006 EX	RAI PRODUCTS 888/776-7325 704/525-1852	04/08/04	1956	R	POLYESTER BASED. NOT GOOD FOR SLOPES. TOO SOFT AFTER CURE.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00990.43	TRAFFIC LOOP SEALANTS	Q-SEAL 290S	RAI PRODUCTS 888/776-7325 704/525-1852	04/08/04	1982	R	ONE-PART POLYUETHANE. TOO SOFT. NOT GOOD FOR SLOPES.
00990.43	TRAFFIC LOOP SEALANTS	STAT -A-FLEX	DURANT PAINTS 40 COMMERCIAL ST., LYNN, MA 01905 AL LOSANNO 617/599-6181	04/14/05	1500	R	DID NOT WORK WELL IN OUR TEST AT TSSU. DELAMINATED FROM SIDES AND EASILY PULLED OUT IN PLACES AFTER CURE.
00990.43	TRAFFIC LOOP SEALANTS	TA-500	TRI-AMERICAN INC. PETE SCHULTZ 800/782-6543 R. HART SALES, COLORADA BARB REINHARD 888/874-0023	08/14/05	1781	R	WAS CONDITIONAL IN 1/99, BUT A TEST AT TSSU SHOWED POOR PERFORMANCE (7/05).
00990.43	TRAFFIC LOOP SEALANTS ASPHALTIC	SEALEX	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	05/01/88	648	R	COLD APPLIED ASPHALTIC. REJECT DUE TO LACK OF PERFORMANCE. VERY SOFT WHEN SET. SPECS REQ 1 YR WARR. PAST JOB ACCEPT.
00990.43	TRAFFIC LOOP SEALANTS HOT MELT ASPHALT	MAX KUTTER #3	DISTRIBUTED BY BREWER COTE AT 602/931-3728 THEN MAX CUTTER: RALPH FERGUSON 818/994-0953	02/10/00	961	R	SELF LEVELING. HOT MELT RUBBER VACUUM CLEAN AND DRY. MIN PVMT TEMP 40 DEGREES F. CRAFCO TOOK OVER 1/15/00 SEE P #143.
00990.43	TRAFFIC LOOP SEALANTS NITRILE RUBBER	PERMANENT SEALER 983	W.J. RUSCOE 216/253-8148 DIST: ROSENBLATT 704/525-1852 VENDOR: NW SIGNAL SUPPLY JEFF WOLF 503/635-4351	06/10/93	439	R	NITRILE RUBBER. MFG DOESN'T RECOMMEND USE AS SEALANT NOW. ORIG 'C' 7/89. SPECS REQ 1 YR. WARRANTY PAST JOB ACCEPTANCE.
00990.43	TRAFFIC LOOP SEALANTS POLYESTER	BONDO P606	BONDO CORPORATION 770/531-1747	06/12/03	2792	R	WORDING ON CONTAINER WAS TOO RESTRICTIVE FOR NEW ASPHALT.
00990.43	TRAFFIC LOOP SEALANTS POLYURETHANE	BONDO 575	BONDO CORPORATION 770/531-1747	06/12/03	1637	R	CURE TIME WAS EXCESSIVE. ORIG R ON 11-13-97, CONFIRMED ON 6/13/03, AFTER 2 HRS AT 70F IT WAS STILL TACKY.
00990.43	TRAFFIC LOOP SEALANTS URETHANE PRE-POLYMER	3-M LOOP SEALANT BLACK 5000	3-M COMPANY 800/362-3455 REP: ALLAN HOLLEN 800/690-4287 ADVANCED TRAFFIC PRODUCTS, INC	09/12/96	1191	R	THIS IS A URETHANE PRE- POLYMER. IMMEDIATE TRAFFIC IF INSTALLED RIGHT. AC/PCC COM- PATIBLE. PROBLEMS W/CURING.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00990.46	FIRE PRE-EMPT DEVICE	SDS 1000	SOUND DISCRIMINATION SYSTEMS 11207 NORTH 39 THE ST. PHOENIX, AZ 85028 602/996-1500	02/14/91	513	R	THIS IS SIREN ACTIVATED, WE USE A STROBE LIGHT TYPE, WHICH IS NOT COMPATIBLE WITH A SIREN TYPE.
01040.15	SOIL CONDITIONER	DAIRY COW MANURE	ANDERSON EROSION 503/998-2062	11/09/95	1402	R	EXPERIENCE HAS SHOWN THAT THIS PRODUCT HAS WEED AND GRASS SEED IN IT.
01040.16	SOIL AMENDMENT	NATURE'S OWN LIVING HUMUS	NATURE'S NEEDS 503/647-9489	04/14/05	2947	R.	DOES NOT MEET OUR REQUIREMENTS FOR A SOIL AMENDMENT.
02010.10	PCC PATCHING	PATCH N' GO	RAINBOW TECHNOLOGY 800/637-6047	05/12/05	3049	R	MFG FAILED TO SEND TEST RESULTS.
02010.10	PCC PATCHING EPOXY	POLOPLATE 100 PSPC	REVOLAN SYSTEMS 408/288-8655	01/09/97	916	R	MFG FAILED TO SEND TEST RESULTS.
02010.10	PCC PATCHING EPOXY	REVOPLATE RP-10 CS	REVOLAN SYSTEMS 408/288-8655	01/09/97	919	R	MFG FAILED TO SEND TEST RESULTS.
02010.10	PCC PATCHING, RAPID SET	SURE-ANCHOR I (J-51)	DAYTON SUPERIOR 800/745-3707 MIKE COSTELLO 425/301-1975	02/13/03	1458	R	NOT INTENDED TO BE USED AS AN EXTERIOR PATCH.
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS	ARDEX TWP	ARDEX ENGINEERED CEMENTS 503/706-3895	01/10/08	3569	R	DOESN'T MEET OUR SPECS
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS	CHEMSPEED 65	CHEMMASTERS 800/486-7866 UNITED RENTALS 503/234-0255	12/14/06	3291	R	PRODUCT HAS 15% ADDED GYPSUM.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS	EUCO DAMIT	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	01/12/95	1238	R	THIS IS A WATER STOP.
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS	EUCO FIRMIX MORTAR	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	01/12/95	1242	R	THIS HAS IRON BORINGS IN IT.
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS	EUCO SPEED	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	01/14/99	1236	R	DEVELOPS FINAL SET IN 18 MIN. OUR GUIDELINES ARE WORKING TIMES OF 20 TO 30 MINUTES.
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS	EUCOPATCH	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	01/12/95	1240	R	DID NOT MEET OUR COMPRESSIVE STRENGTH AND WORKING TIME REQUIREMENTS. IT PROMISES 2000 PSI IN 1 DAY.
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS	PAVECRETE	TRUMAN SANFORD CO 214/288-7546 4217 FORNEY RD MESQUITE, TX 75149 FRANK TREML 503/364-4189	01/14/93	355	R	WAS 'Q' IN 7/86. DISTRIBUTOR SAYS BROCHURES NOT ACCURATE. PRODUCT SHOULD ONLY BE USED FOR FINISH WORK 120MIL OR LESS
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS	SPEEDPAVE	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/820-4576	02/10/05	869	R	NO RESPONSE TO REQUESTS FOR INFORMATION.
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS	SPEEDPAVE MP	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/820-4576	02/10/05	868	R	HAS MAG PHOSPHATE IN IT.
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS	TOPPIT	MAYA MAGSTONE 2452 SOUTH STATE ST. SUITE #1 SALT LAKE CITY, UT 84115 BOYD CLAUSON 800/447-8147	09/12/91	748	R	THIS PRODUCT USES MAGNESIUM CHLORIDE, WHICH CAN ACCELERATE REBAR CORROSION. MINERAL CEMENT-NOT PORTLAND.
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS, MODIFIED	BURKE ACRYLIC PATCH	WHITE CAP 503/287-4151	07/14/92	418	R	DID NOT MEET OUR PCC PATCHING SPECIFICATIONS. (COMPRESSIVE STRENGTH)

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS, MODIFIED	POWERMIX LEVELER	CONCRETE RESTORATION, STO DIV. 800/542-3057 KODIAK SUPPLY 800/332-7452	09/10/92	814	R	CEMENTITIOUS POLYMER MODIFIED PATCHING MATERIAL. IT FAILS OUR COMPRESSIVE STRENGTH REQUIREMENT.
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS, MODIFIED	POWERMIX SCREED	CONCRETE RESTORATION, STO DIV. 800/542-3057 KODIAK SUPPLY 800/332-7452	09/10/92	815	R	CEMENTITIOUS POLYMER MODIFIED PATCHING MATERIAL. IT FAILS OUR COMPRESSIVE STRENGTH REQUIREMENT.
02010.10	PCC PATCHING, RAPID SET CEMENTITIOUS, MODIFIED	RENDEROC HB2	CHEMREX 800/243-6739 BRUCE JACKSON 503/722-4101	12/11/97	1581	R	COMPRESSIVE STRENGTH TOO LOW. FOOT AND VEHICLE TRAFFIC LIMITATIONS.
02010.10	PCC PATCHING, RAPID SET EPOXY	EUCO 700	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	01/12/95	1225	R	DID NOT MEET OUR COMPRESSIVE REQUIREMENTS. IT IS AN EPOXY
02010.10	PCC PATCHING, RAPID SET EPOXY	MASTERTOP MP WAS CONCRESIVE 1470	MASTER BUILDERS 800/227-3350	05/01/88	27	R	REJECTED ON BASIS OF STRENGTH GAIN; ODOT REQUIRES 3000 PSI IN 3 HRS. REJECTED PRIOR TO 5/88.
02010.10	PCC PATCHING, RAPID SET EPOXY-URETHANE	PENETRON R/M 3003	ASTC POLYMERS 714/966-2893 JOE HAYDU 909/781-4990 VEN:MASONS SUPPLY 800/537-3407	12/12/91	772	R	MINUS 24 TO 150 DEGREE F TEMP RANGE. SETS IN 45 MINUTES. TEST SAMPLES YELLOWED AND GOT VERY HARD.
02010.10	PCC PATCHING, RAPID SET URETHANE	PERCOL ELASTIC CEMENT	PERCOL POLYMERICS, INC. RANSOME WYMAN 714/979-5555	10/08/92	899	R	IT ONLY HAS 800 PSI IN 28 DAYS (COMPRESSIVE STRENGTH)
02010.10	PCC PATCHING, VERTICAL	SURE-ANCHOR EPOXY (J-50)	DAYTON SUPERIOR 800/745-3707 MIKE COSTELLO 425/301-1975	02/13/03	1457	R	NOT INTENDED TO BE USED AS AN EXTERIOR PATCH.
02010.10	PCC PATCHING, VERTICAL	SURE-ANCHOR I (J-51)	DAYTON SUPERIOR 800/745-3707 MIKE COSTELLO 425/301-1975	02/13/03	1458	R	NOT INTENDED TO BE USED AS AN EXTERIOR PATCH.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02010.10	PCC PATCHING, VERTICAL CEMENTITIOUS	ARDEX TWP	ARDEX ENGINEERED CEMENTS 503/706-3895	01/10/08	3569	R	DOESN'T MEET OUR SPECS
02010.10	PCC PATCHING, VERTICAL CEMENTITIOUS	CHEMSPEED 65	CHEMMASTERS 800/486-7866 UNITED RENTALS 503/234-0255	12/14/06	3291	R	PRODUCT HAS 15% ADDED GYPSUM.
02010.10	PCC PATCHING, VERTICAL CEMENTITIOUS	DURATOP GEL	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	11/10/99	1945	R	FAILED LENGTH CHANGE TEST.
02010.10	PCC PATCHING, VERTICAL CEMENTITIOUS	EUCO FINISH COAT	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	01/12/95	1231	R	THICKNESS LIMITED TO 0.06". TOO THIN FOR OUR APPS. CEMENTITIOUS.
02010.10	PCC PATCHING, VERTICAL CEMENTITIOUS	RECRETE 20 MINUTE SET WAS CONCRETE 20 MINUTE SET	DAYTON SUPERIOR 800/745-3707 MIKE COSTELLO 425/301-1975 MASONS SUPPLY 800/537-3407	12/14/95	601	R	MFG SAYS IT IS BEST FOR PATCH FOR PRECAST PIPE. THEY HAD TROUBLE GETTING US TEST RESULTS
02010.10	PCC PATCHING, VERTICAL CEMENTITIOUS	RECRETE 5 MINUTE SET WAS CONCRETE 5 MINUTE SET	DAYTON SUFERIOR 800/745-3707 MIKE COSTELLO 425/301-1975 MASONS SUPPLY 800/537-3407 WHITE CAP 503/287-4151	09/10/92	663	R	SET TIME TOO FAST (5 MINUTES)
02010.10	PCC PATCHING, VERTICAL EPOXY	SPEC BOND 200	CONSPEC 877/266-7732	04/08/93	991	R	WHEN ASKED FOR TEST RESULTS THE MFG ELECTED NOT TO HAVE THE PRODUCT REVIEWED.
02010.10	PCC PATCHING, VERTICAL EPOXY	SPEC BOND 201	CONSPEC 877/266-7732	04/08/93	992	R	WHEN ASKED FOR TEST RESULTS THE MFG ELECTED NOT TO HAVE THE PRODUCT REVIEWED.
02010.10	PCC PATCHING, VERTICAL EPOXY-URETHANE	PENETRON N/S 3009	ASTC POLYMERS 714/966-2893 JOE HAYDU 909/781-4990 VEN:MASONS SUPPLY 800/537-3407 JILL MEYERHOFF 503/585-5504	07/09/92	773	R	DOES NOT MEET OUR SPECS FOR PCC PATCHING. SET TIME IS ONLY 5 MINUTES. IT IS VERY FLEXABLE THOUGH.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02010.10	PCC PATCHING, VERY RAPID CEMENTITIOUS	DURALTOP FAST SET	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	05/12/05	1944	R	NO RESPONSE TO REQUEST FOR INFO.
02010.10	PCC PATCHING, VERY RAPID CEMENTITIOUS	EUCO SPEED MP	EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560	02/10/05	1237	R	DEVELOPS FINAL SET IN 12 MIN. OUR GUIDELINES ARE WORKING TIMES OF 10 TO 20 MINUTES. CONTAINS MAGNESIUM PHOSPHATE.
02010.10	PCC PATCHING, VERY RAPID CEMENTITIOUS	SEALTIGHT FUTURA 15	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	06/12/03	2539	R	WORKING TIME TOO SHORT (7-9 MIN.) SPEC IS 10-30 MIN. HAVE HAD PROBLEMS WITH CRACKS IN FIELD USE.
02010.20	POLYMER OVERLAY FOR PCC CEMENTITIOUS	EMACO 415	CHEMREX 800/243-6739 BRUCE JACKSON 503/722-4101	03/11/93	949	R	THE QUICKNESS OF SET IS A PROBLEM FOR USE WITH THIS CATEGORY. THERE IS HOT WEATHER VERSION, NOT YET REVIEWED.
02010.20	POLYMER OVERLAY FOR PCC CEMENTITIOUS	GEOBOND GEOCEMENT	GEOBOND INTERNATIONAL SUSAN MICHALSKI 816/363-6800 SIMON & ASSOC 541/672-2377	09/09/99	1894	R	THE MANUFACTURER DOES NOT HAVE ENOUGH EXPERIENCE WITH THIN OVERLAYS ON BRIDGE DECKS.
02010.20	POLYMER OVERLAY FOR PCC CEMENTITIOUS, MODIFIED	GEMCRETE	GEMITE UNIQUE PRODUCTS INC. 328 CARLINGVIEW DRIVE REXDALE,ONTARIO M9W 5G5 CANADA 416/675-1000	02/20/87	12	R	THIS IS A FIBER REINFORCED MORTAR. VENDOR FAILED TO SUPPLY REQUESTED INFO. ON SKID RESISTANCE.
02010.20	POLYMER OVERLAY FOR PCC EPOXY	NITOBOND 881-31C	CHEMREX 800/243-6739 BRUCE JACKSON 503/722-4101 MASONS SUPPLY 800/537-3407	07/08/93	1043	R	EPOXY THIN OVERLAY FOR PCC. MANUFACT. REP CONCURS THAT IT DOES NOT HAVE GOOD FELXIBILITY
02010.20	POLYMER OVERLAY FOR PCC EPOXY	POLOPLATE 100 CS	REVOLAN SYSTEMS 408/288-8655	01/09/97	917	R	MFG FAILED TO SEND TEST RESULTS.
02010.20	POLYMER OVERLAY FOR PCC EPOXY	POLOPLATE 100 PSPC	REVOLAN SYSTEMS 408/288-8655	01/09/97	916	R	MFG FAILED TO SEND TEST RESULTS.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02010.20	POLYMER OVERLAY FOR PCC EPOXY	REVOPLATE RSU-5	REVOLAN SYSTEMS 408/288-8655	01/09/97	918	 R	MFG FAILED TO SEND TEST RESULTS.
02010.20	POLYMER OVERLAY FOR PCC EPOXY	SIKADUR 21 LV, LO MOD EPOXY	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800-806-7952 MASONS SUPPLY 800/537-3407	04/09/92	828	R	LOW VISCOSITY EPOXY RESIN BINDER. MANU. CLAIMED IT MEETS SPECS. DATA REVIEW SHOWED IT DID NOT.
02010.20	POLYMER OVERLAY FOR PCC EPOXY	SIKADUR 22 LO MOD EPOXY	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800-806-7952 MASONS SUPPLY 800/537-3407	04/09/92	830	R	A MEDIUM VISCOSITY, EPOXY ADHESIVE BINDER. DOES NOT MEET ASTM C 881-90.
02040.00	SEALER CONCRETE ADMIXTURE	EVERDURE CALTITE	CEMENTAIDS LTD. 10495 KEELE ST. MAPLE, ONTARIO, CANADA L6A 1R7 416/832-4161	08/08/91	431	R	USING THE CONC SEALER CRITERIA THIS PRODUCT HAS NOT MET OUR REQUIREMENTS.
02040.10	SHRINKAGE COMPENSATOR CONCRETE ADMIXTURE	ECLIPSE	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	10/14/99	1716	R	MFTR RECOMMENDED REMOVAL OF PRODUCT FROM QPL, UNTIL FREEZE FREEZE-THAW PROBLEMS RESOLVED. ORIG REJECTED IN 12/98.
02040.10	SHRINKAGE COMPENSATOR CONCRETE ADMIXTURE	ECLIPSE PLUS	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	04/08/04	2863	R	TOO MANY RESTRICTIONS.
02040.10	TYPE A ADMIXTURE WATER REDUCER	DARACEM 50	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	08/08/96	1531	R	DOES NOT MEET AASHTO M194. EXCEEDS CHLORIDE CONTENT.
02040.10	TYPE C ADMIXTURE SET ACCELERATOR	GILCO ACCELERATOR	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	02/13/97	1535	R	MANUFACTURER FAILED TO SHOW COMPLIANCE WITH ASSHTO M194
02040.10	TYPE E ADMIXTURE WATER REDUCING/ACCELERATI	POLYCHEM HE	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2553	R	UNKNOWN CHLORIDE CONTENT SPEC ALLOWS 0.5%.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	DARACEM ML330	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	12/12/96	1533	R	TEST RESULTS SUBMITTED DID NOT MEET OUR SPECIFICATIONS.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	DARACEM ML500	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	12/12/96	1534	R	TEST RESULTS SUBMITTED DID NOT MEET OUR SPECIFICATIONS.
02040.10	TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SUPERSLUMP	METALCRETE INDUSTRIES 206/284-5860	0 6 /10/93	867	R	MFG FAILED TO RESPOND TO OUR REQUEST FOR COMPLIANCE TO ASTM C-494.
02050.10	CURING COMPOUND, CONCRETE	AQURON CPT 2000 VOC'S = 0 G/L	AQURON CORP 972-412-4649 MASONS SUPPLY 800/537-3407	10/14/99	1638	R	FAILED ODOT MATERIALS LAB TESTING 99-4956 AND 99-4659. TRIED AT THICKEST RATE, TRIED AFTER WAITING FOR IT TO SOAK
02050.10	CURING COMPOUND, CONCRETE	CERTI-VEX ENVIO RC1000	VEXCON CHEMICALS 215/332-7709	06/08/06	2764	R	DID NOT RESPOND TO REQUEST FOR INFORMATION.
02050.10	CURING COMPOUND, CONCRETE	DIAMOND CLEAR VOX VOC'S = 159 G/L	EUCLID CHEMICAL 800/321-7628 216/531-9222 WILLIAMS CONCRETE 800/255-0560	07/10/97	1642	R	FAILED TO MEET OUR SPECS. CLEAR, WATER BASED.
02050.10	CURING COMPOUND, CONCRETE	ENVIO CURE WHITE 500	VEXCON CHEMICALS 215/332-7709	06/08/06	2763	R	DID NOT RESPOND TO REQUEST FOR INFORMATION.
02050.10	CURING COMPOUND, CONCRETE	SEALTIGHT CS-309 VOC'S = 756G/L	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	05/08/97	1539	R	REJECTED FOR PORTLAND METRO AREA - VOCS TOO HIGH. OK FOR THE REST OF OREGON UNTIL 1/98.
02050.10	CURING COMPOUND, CONCRETE TYPE 1 OR 1D, CLASS A	KURE-N-SEAL 800	CHEMREX - SONNEBORN DICK HURLEY 360/896-4322 ALLIED 503/639-1579	04/09/92	659	R	SUITED FOR INTERIOR FLOORING. NOT OUR APPLICATIONS. CLEAR RESIN. WAS SONNEBORN BLDG. PRODUCTS.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02050.10	CURING COMPOUND, CONCRETE TYPE 1 OR 1D, CLASS A & B	KURE-N-SEAL VOC'S = 691 G/L	CHEMREX - SONNEBORN DICK HURLEY 360/896-4322 ALLIED 503/639-1579	01/09/97	126	R	REJECTED FOR PORTLAND METRO AREA - VOCS TOO HIGH. OK FOR THE REST OF OREGON UNTIL 1/98. CLEAR RESIN.
02050.10	CURING COMPOUND, CONCRETE TYPE 1 OR 1D, CLASS A & B	MASCOCURE ALL RESIN CURE VOC = 679 G/L	SYMONS CORP 303/287-7531 TECH: JERRY FORD 847/298-3200 MASONS SUPPLY 800/537-3407	08/12/99	592	R	CLEAR RESIN - VOC'S TOO HIGH TO MEET THE EPA REQUIREMENTS.
02050.10	CURING COMPOUND, CONCRETE TYPE 1 OR 1D, CLASS A & B	RESI-CHEM CLEAR CURE VOC = 73 G/L	SYMONS CORP 303/287-7531 TECH: JERRY FORD 847/298-3200 MASONS SUPPLY 800/537-3407	07/09/92	699	R	WHEN TESTED IN OUR LAB, IT FAILED TM 721. CLEAR, RESIN BASED COMPOUND.
02050.10	CURING COMPOUND, CONCRETE TYPE 1 OR 1D, CLASS A & B	SEAL-N-KURE	METALCRETE INDUSTRIES 206/284-5860	06/10/93	864	R	CLEAR, 10% ACRYLIC RESIN. MFG FAILED TO RESPOND TO OUR REQUEST FOR TEST RESULTS.
02050.10	CURING COMPOUND, CONCRETE TYPE 1 OR 1D, CLASS A & B	SEAL-N-KURE 0800	METALCRETE INDUSTRIES 206/284-5860	06/10/93	865	R	CLEAR, 18% ACRYLIC RESIN. MFG FAILED TO RESPOND TO OUR REQUEST FOR TEST RESULTS.
02050.10	CURING COMPOUND, CONCRETE TYPE 1 OR 1D, CLASS A & B	SEAL-N-KURE 30	METALCRETE INDUSTRIES 206/284-5860	06/10/93	866	R	CLEAR, 30% ACRYLIC RESIN. MFG FAILED TO RESPOND TO OUR REQUEST FOR TEST RESULTS.
02050.10	CURING COMPOUND, CONCRETE TYPE 1 OR 1D, CLASS A & B	SEALTIGHT 3100 CLEAR FORMERLY AR 30 VOC'S = 709G/L	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	07/13/96	329	R	DOES NOT MEET NEW VOC REQUIREMENTS. CAN NOT BE USED IN PORTLAND METRO AREA. REST OF OREGON OK UNTIL 1/1/98.
02050.10	CURING COMPOUND, CONCRETE TYPE 1, CLASS A	GOLDCURE VOC'S = 350 G/L	GOLDEN PACIFIC 510/887-3862	04/14/05	2558	R	DID NOT RESPOND TO REQUEST FOR INFORMATION.
02050.10	CURING COMPOUND, CONCRETE TYPE 1, CLASS A	HYDRO SEAL 18	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	11/08/07	3452	R	FAILED TO RESPOND TO QUESTIONS

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02050.10	CURING COMPOUND, CONCRETE TYPE 1, CLASS A	HYDRO WHITE	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	11/08/07	3451	R	FAILED TO RESPOND TO QUESTIONS
02050.10	CURING COMPOUND, CONCRETE TYPE 1, CLASS A	SINAK WCE VOC'S = 0	SINAK CORPORATION 800/523-3147	08/08/07	3412	R	SODIUM SILICATE. FAILED ALL OF OUR LAB TESTS 07-002610, WITH 3 SPECIMENS: 1 REGULAR; 1 REG W/WATER SPRAY; & 1 OUTSIDE
02050.10	CURING COMPOUND, CONCRETE TYPE 1, CLASS B	CS309-25 VOC'S = 700 G/L	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	12/11/03	2565	R	REJECTED BECAUSE THE VOC'S ARE TOO HIGH. LIMIT IS 350 G/L. SOLVENT BASED.
02050.10	CURING COMPOUND, CONCRETE TYPE 1, CLASS B	SEALTIGHT 1100 CLEAR	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	06/14/07	1538	R	SUBMITTED TEN YEARS AGO, BUT MFG IS NOT RESONDING TO US.
02050.10	CURING COMPOUND, CONCRETE TYPE 1D	SYMONS CURE & HARD VOC'S = 0.0G/L	SYMONS CORP 303/287-7531 MASONS SUPPLY 800/537-3407 TECH: JERRY FORD 847/298-3200	03709/95	1292	R	FAILED NUMEROUS LAB TESTS: 94-12224 94-12243 SODIUM SILICATE.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A	HYDRO CURE 309	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	11/08/07	3453	R	FAILED TO RESPOND TO QUESTIONS
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A	PROMULSION LB-2 FORMERLY PROTEX PW-3B	MASTER BUILDERS 800/227-3350 WHITE CAP 503/287-4151	07/13/00	768	R	MFG DID NOT RESPOND WITH VOC INFORMATION.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A	SEALTIGHT 1600 WHITE OREGON	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	08/13/92	777	R	ORIG QUAL(5/88), BUT HAS FAILED MULTIPLE TESTS. LAB# 92-6606, 92-7083, 92-7180 92-7855, 92-8232. WHITE WAX.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A & B	CERTI-VEX ENVIRO CURE WHITE VOC'S =	VEXCON CHEMICALS 215/332-7709	11/13/97	1688	R	HYDRO CARBON BASED RESIN. FAILED ODOT LAB TEST 97-4999. RESULT: 1.07 KG/M2.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A & B	DAY CHEM WHITE PIGMENTED CURE J-10 VOC'S = 452 G/L	DAYTON SUPERIOR 800/745-3707 MIKE COSTELLO 425/301-1975 MASONS SUPPLY 800/537-3407 WHITE CAP 503/287-4151	05/08/97	670	R	REJECTED FOR PORTLAND METRO AREA - VOCS TOO HIGH. OK FOR THE REST OF OREGON UNTIL 1/98. WHITE RESIN.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A & B	RESI-CHEM HIGH CURE VOC = 78 G/L	SYMONS CORP 303/287-7531 TECH: JERRY FORD 847/298-3200 MASONS SUPPLY 800/537-3407	07/09/92	700	R	WHEN TESTED IN OUR LAB, IT FAILED TM 721. WHITE PIGMENTED. RESIN BASED COMPOUND.
02050.10	CURING COMPOUND, CONCRETE TYPE ID, CLASS B	US SPEC MAXCURE RESIN CLEAR	US MIX PRODUCTS 800/397-9903 WESTSIDE CONCRETE 503/591-0203	04/13/06	3205	R	DID NOT FURNISH TEST REPORTS AS REQUIRED.
02050.10	CURING COMPOUND, CONCRETE TYPE II, CLASS A	US SPEC MAXCURE WAX WHITE VOC'S = 0 G/L	US MIX PRODUCTS 800/397-9903 WESTSIDE CONCRETE 503/591-0203	12/11/03	1993	R	FAILED OUR LAB TESTS TWICE. 03-005186 (W/BACKUP). WAX BASED.
02050.10	CURING COMPOUND, CONCRETE TYPE II, CLASS A	US SPEC OREGON WAX WHITE VOC'S = 0 G/L	US MIX PRODUCTS 800/397-9903 WESTSIDE CONCRETE 503/591-0203	05/13/04	2942	R	FAILED OUR LAB TESTS. 04-001167 WAX BASED.
02050.20	CURING BLANKET, CONCRETE	TRANSGUARD 4000 CONCRETE CURING BLANKET	REEF INDUSTRIES P.O. BOX 33248 HOUSTON, TX 77233 800/231-2077	10/01/89	162	R	DOES NOT ALLOW THE ADDITION OF WATER TO THE CURING AREA
02050.30	CURING BLANKET, CONCRETE	LINQ MODEL 160EX	LINQ FABRICS 800/445-4675	08/10/06	3337	R	BLACK AND WE WANT WHITE. FLOW RATE WAS JUST UNDER OUR SPEC (125 VVS 110 GAL/MIN)
02050.30	CURING BLANKET, CONCRETE	SKAPS GT160	SKAPS VIA GEOTK 888/708-8835	10/12/06	3322	R	THE POROSITY DID NOT MEET OUR SPECS, BUT IT WAS CLOSE. THE VENDOR DECIDED NOT TO SUBMIT IT.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	BARACADE SILANE 40	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	07/14/05	2535	R	40% SILANES AND IS ON ALBERTA DOT LIST.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	BARACADE WB244	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	05/12/05	2529	R	NO RESPONSE TO REQUEST FOR INFO.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	CHEMTRETE BSM-20	DYNAMIT NOBEL OF AMERICA INC. REP: BILL EVERETT 800/631-1668 VEN: ATLAS SUPPLY 800/806-7952	03/09/95	279	R	DOESN'T MEET OUR REQUIREMENTS. IT IS 20% SILANE.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	CONCRETE & MASONRY SEALER 1000	3-M COMPANY 800/362-3455 REP: STEVE WHARTON 206/878-8398	0\$/09/91	557	R	REJECTED BY BRIDGE SECTION HAS NOT MET ALBERTA AND FLORIDA DOT CRITERIA SILOXANE BASE
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	CONCRETE & MASONRY SEALER 2000	3-M COMPANY 800/362-3455 REP: STEVE WHARTON 206/878-8398	05/09/91	558	R	REJECTED BY BRIDGE SECTION HAS NOT MET ALBERTA AND FLORIDA DOT CRITERIA SILOXANE BASE
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	DENSICRETE	WICKTECK, INC. 724/329-8310	01/09/03	2571	R	IS NOT ON EITHER THE ALBERTA OR THE FLORIDA QPL.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	KURE-N-SEAL 800	CHEMREN - SONNEBORN DICK HURLEY 360/896-4322 ALLIED 503/639-1579	04/09/92	659	R	NOT USED BY EITHER ALBERTA DOT OR FLORIDA DOT. MUST BE ON THEIR LISTS. WAS SONNEBORN BLDG PRODUCTS.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	PEN 18-40	POLYMER TECHNOLOGY GROUP JOE ELAM 614/457-5641 CINCINATTI, OHIO 73112	10/03/90	2080	R	REJECTED BY BRIDGE SECTION HAS NOT MET ALBERTA AND FLORIDA DOT CRITERIA
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	PERMAGILE PENETRATING EPOXY SEALER	PERMAGILE INDUSTRIES TED POPPE 800/645-7546 REP: DAVE CORBETT 253/838-4407 WHITE CAP 503/287-4151	05/09/91	672	R	REFECTED BY BRIDGE SECTION HAS NOT MET ALBERTA AND FLORIDA DOT CRITERIA EPOXY BASE
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	POLYCARB MARK 87	POLY-CARB 800/225-5649	03/10/05	1858	R	EPOXY BASE, DID NOT MEET OUR REQUIREMENT - ALBERTA APPROVAL AND MIN 40% SILANE.

JULY 2008

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02060.00	CONCRETE SEALER, CHLORIDE BARRIER	REVOPLATE RSU-5	REVOLAN SYSTEMS 408/288-8655	01/09/97	918	R	MFG FAILED TO SEND TEST RESULTS.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	SIKAGARD 70	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	05/09/91	508	R	PASSED THE ALBERTA TEST BUT NOT THE FLORIDA DOT CRITERIA
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	SIKATOP 144	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	04/09/92	549	R	NOT USED BY EITHER ALBERTA OR FLORIDA DOT'S.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	SIL-ACT 22	ADVANCED CHEMICAL TECHNOLOGIES KEVIN BROWN 405/843-2585 JIM SULLIVAN 206/282-9759	06/23/88	19	R	REJECTED BY BRIDGE SECTION DOESN'T PASS ALBERTA OR FLORIDA DOT CRITERIA. SILANE, 20% SOLIDS.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	SIL-ACT MULTIGARD	ADVANCED CHEMICAL TECHNOLOGIES KEVIN BROWN 405/843-2585 JIM SULLIVAN 206/282-9759	12/09/93	1070	R	SILANE SEALER WITH 14% SOLIDS. ON FLORIDA LIST BUT NOT ON THE ALBERTA LIST. WE REQUIRE IT ON BOTH TO BE QUAL.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	SILANE 20	SYMONS CORP 303/287-7531 800/800-7628 JERRY FORD 847/298-3200 MASONS SUPPLY 800/537-3407	08/10/00	1714	R	LOOKS NEAT, BUT WITH THE OPEN CELL STRUCTURE IT PASSES WATER SO IT DOES NOT DO WHAT WE WANT IT TO DO.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	SINAK S-102	SINAK CORP. 619/231-1771 619/231-1771 DUTCH THUMB WATERPROOFING INC. 503/873-3550	12/01/88	51	R	USED ON ASTORIA & "D" RIVER BRIDGES. DOES NOT PASS ALBERTA OR FLORIDA'S TESTS.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	SURE-COAT TROJAN MASONRY SEALR MASONRY SEALER	ENVIROSAFE MANUFACTURING CORP. 504/626-9053 TOM SHEA 503/760-6433	09/14/95	1385	R	THIS PRODUCT HAS NOT PASSED IN FLORIDA AND ALBERTA.
02060.00	CONCRETE SEALER, CHLORIDE BARRIER	WEATHER WORKER S-40 (J-29)	DAYTON SUPERIOR 800/745-3707 MIKE COSTELLO 425/301-1975 MASON'S SUPPLY, 800/537-3407 WHITE CAP 503/287-4151	12/11/97	1374	R	VOC'S TOO HIGH.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02060.00	CRACK INJECTION EPOXY	DURALCRETE LV	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	05/12/05	2802	 R	NO RESPONSE TO REQUEST FOR INFO.
02060.00	CRACK INJECTION EPOXY	EVA POX LV INJ RESIN #5	E-POXY ENGINEERED MATERIALS MARIBETH TAYLOR 888/999-2463 WILLIAMS CONCRETE 503/286-3647	03/09/06	2893	R	REQUESTS FOR INFORMATION HAVE GONE UNANSWERED.
02060.00	CRACK INJECTION EPOXY	FAST PATCH 928	BURKE COMPANY 800/456-7445 WHITE CAP 503/287-4151	0\$/09/91	53	R	WAS CONDITIONAL. NOT AN EPOXY AND WILL NEVER BE USED TO INJECT CRACKS.
02060.00	CRACK INJECTION EPOXY	HI-TECH STRUCTURAL GEL STD SET EPOXY	UNITEX 800/821-5846 JERRY BYRNE 816/231-7700 HI-TECH EPOXY SYSTEMS 503/650-4342	03/11/99	1827	R	PRODUCT IS SAME AS UNITEX PROPOXY 300, & IS REJECTED THIS DOES NOT MEET OUR NEED FOR 5000 PSI TENSILE STRENGTH.
02060.00	CRACK INJECTION EPOXY	MICROCAPSULE ENGINEERING SYSTEM	MICROCAPSULE ENGINEERING OREGON JAPAN DEVELOPMENT 320 SW STARK SUITE 600 PORTLAND OR 97204	05/01/88	269	R	REJECTED UNTIL CONCERNS ARE ANSWERED ALONG WITH ASTM C881 TEST RESULTS.
02060.00	CRACK INJECTION EPOXY	PENETRON M/V 4030	ASTC POLYMERS 714/966-2893 JOE HAYDU 909/781-4990 MASONS SUPPLY 800/537-3407	09/10/92	775	R	EPOXY-URETHANE SYSTEM. WE REQUIRE ASTM C 881, TYPE 1. THIS PRODUCT DOES NOT MEET THIS.
02060.00	CRACK INJECTION EPOXY	PERMAGILE PG 1-215 HM LV	PERMAGILE INDUSTRIES TED POPPE 800/645-7546 REP: DAVE CORBETT 253/838-4407 WHITE CAP 503/287-4151	08/08/91	673	R	SUBMITTALS INDICATE THAT IT FAILS TO MEET TYPE 1 REQUIRE- MENTS OF ASTM C 881.
02060.00	CRACK INJECTION EPOXY	PRO-POXY 204	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	09/13/07	3122	R	NOT RECOGNIZED ON DATA SHEET FOR THIS USE. MFG DIDN'T SUBMIT REQUESTED DATA.
02060.00	CRACK INJECTION EPOXY	PRO-POXY 300	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	03/12/98	854	R	THIS DOES NOT MEET OUR NEED FOR 5000 PSI TENSILE STRENGTH. WAS TOO "THICK" FOR EFFECTIVE USE. SAME AS ODOT ID# 1827.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02060.00	CRACK INJECTION EPOXY	PRO-POXY 50	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	05/13/93	1027	 R	THE MANUFACTURER ADMITS THAT THE PRODUCT DOES NOT MEET THE CURRENT VERSION OF ASTM C 881. HE PULLED IT FROM THE REVIEW.
02060.00	CRACK INJECTION EPOXY	SIKADUR 32 HI MOD	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	06/13/91	505	R	THE DATA SUPPLIED INDICATES THAT THE PRODUCT FAILED TO MEET ASTM C 881 FOR HARD CONC TO HARD CONC (GRADE 1).
02060.00	CRACK INJECTION EPOXY	SPEC BOND 100	CONSPEC 877/266-7732	04/08/93	989	R	WHEN ASKED FOR TEST RESULTS THE MFG ELECTED NOT TO HAVE THE PRODUCT REVIEWED.
02060.00	CRACK INJECTION EPOXY	SPEC BOND 50	CONSPEC 877/266-7732	04/08/93	988	R	WHEN ASKED FOR TEST RESULTS THE MFG ELECTED NOT TO HAVE THE PRODUCT REVIEWED.
02060.00	CRACK INJECTION SEAL EPOXY	DURALCRETE GEL 1:1	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	05/12/05	2801	R	DID NOT RESPOND TO REQUEST FOR INFO.
02060.00	CRACK SEALER - EPOXY	REVOPLATE RSU-5	REVOLAN SYSTEMS 408/288-8655	01/09/97	918	R	MFG FAILED TO SEND TEST RESULTS.
02060.00	CRACK SEALER - EPOXY	UNITEX BRIDGE SEAL (75%)	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	12/14/06	3230	R	ONLY 75% SOLIDS.
02060.00	CRACK SEALER - HIGH MOD EPOXY	PRO-POXY 50-1	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	10/11/07	3211	R	NO RESPONSE FROM MANUFACTURER.
02060.00	CRACK SEALER-METHACRYLATE	DEGADECK CRACK SEALER	DEGUSSA BLDG SYST 800/243-6739 BRUCE JACKSON 503/722-4101	04/12/07	2326	R	MMA. WAS Q SINCE 5/05, BUT VENDOR DISCONTINUED IT. DEGADECK CRACK SEALER PLUS SEE SEEMS SIMILAR. SEE ID# 3483.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02060.00	CRACK SEALER-METHACRYLATE	REVOLAN RPM-2000W	REVOLAN SYSTEMS 408/288-8655 SAN JOSE CA 95158 408/288-8658	09/14/95	163	 R	PRODUCT HAS BEEN USED ON SEVERAL BRIDGES IN OREGON, MFG HAS DISCONTINUED PRODUCT, SHELF LIFE HAS EXPIRED.
02060.00	CRACK SEALER-POLYUREA	DEGUSSA IC-2415 CPR	DEGUSSA-THOROC BRUCE JACKSON 503/722-4101	08/12/04	3013	R	SAFETY A CONCERN
02070.00	BONDING AGENT, EPOXY	DURALBOND	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	04/12/07	1783	R	2 COMPONENT EPOXY. WAS C, BUT VENDOR FAILED TO SUBMIT TESTS. DESIGNED FOR FRESH CONCRETE TO STEEL OR HARD CONCRETE.
02070.10	BONDING AGENT, EPOXY	ARMATEC 110	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	04/09/92	736	R	WATER BASED EPOXY. NOT CONVIN- CED OF PERFORMANCE. MAY NOT REACT AS A REGULAR EPOXY.
02070.10	BONDING AGENT, EPOXY	DURAL FAST SET EPOXY GEL	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	05/12/05	2532	R	DID NOT RESPOND TO REQUEST FOR INFO.
02070.10	BONDING AGENT, EPOXY	DURALCRETE 1:1	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	05/12/05	2800	R	DID NOT RESPOND TO REQUEST FOR INFO.
02070.10	BONDING AGENT, EPOXY	DURALCRETE GEL 1:1	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	05/12/05	2801	R	DID NOT RESPOND TO REQUEST FOR INFO.
02070.10	BONDING AGENT, EPOXY	DURALCRETE LV	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	05/12/05	2802	R	NO RESPONSE TO REQUEST FOR INFO.
02070.10	BONDING AGENT, EPOXY	EMBEGARD GP	MASTER BUILDERS 800/227-3350 WHITE CAP 503/287-4151	05/01/88	713	R	COLD WEATHER BONDING AGENT MIGHT WORK AS ALTERNATIVE TO CONCRESIVE 1001 LPL WAS CONCRESIVE 1170.

PAGE 207

ODOT CONSTRUCTION/MATERIALS SECTION REJECTED LIST - DO NOT USE THESE PRODUCTS

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02070.10	BONDING AGENT, EPOXY	EVA POX ALLPURPOSE COATING #9	E-POXY ENGINEERED MATERIALS MARIBETH TAYLOR 888/999-2463 WILLIAMS CONCRETE 503/286-3647	05/09/91	552	 R	FORMERLY LISTED AS PRODUCT NUMBER 44.
02070.10	BONDING AGENT, EPOXY	MASCOBOND LO-MOD	MASONS SUPPLY 800/537-3407	09/09/93	897	R	CONFORMS TO OLD AASHTO STAND., BUT NOT NECESSARILY TO NEW (M235-86 VS. M235-911). WE ARE DE-EMPHASIZING BONDING AGENTS.
02070.10	BONDING AGENT, EPOXY	PERMAGILE 1-215 HM	PERMAGILE INDUSTRIES TED POPPE 800/645-7546 REP: DAVE CORBETT 253/838-4407 WHITE CAP 503/287-4151	05/01/88	101	R	REP REQUESTED REMOVAL FROM COND USE LIST, PROBABLY WILL NEVER BE USED IN OREGON.
02070.10	BONDING AGENT, EPOXY	POWERPREP AC	CONCRETE RESTORATION, STO DIV. 800/542-3057 KODIAK SUPPLY 800/332-7452	04/09/92	732	R	IT'S A WATER BASED EPOXY. NOT CONVINCED OF PERFORMANCE. MAY NOT PERFORM AS ONE MIGHT EXPECT OF AN EPOXY.
02070.10	BONDING AGENT, EPOXY	PRO-POXY 200	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	10/14/04	963	R	MFG DID NOT WANT TO DO THE TESTS.
02070.10	BONDING AGENT, EPOXY	SEALTIGHT REZIWELD LV EPOXY	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	01/10/02	579	R	MFG SAYS THIS IS TOO THIN FOR THIS APPLICATION.
02070.10	BONDING AGENT, EPOXY	SPEC BOND 100	CONSPEC 877/266-7732	04/08/93	989	R	WHEN ASKED FOR TEST RESULTS THE MFG ELECTED NOT TO HAVE THE PRODUCT REVIEWED.
02070.10	BONDING AGENT, EPOXY	SPEC BOND 150	CONSPEC 877/266-7732	04/08/93	990	R	WHEN ASKED FOR TEST RESULTS THE MFG ELECTED NOT TO HAVE THE PRODUCT REVIEWED.
02070.10	BONDING AGENT, EPOXY	SPEC BOND 200	CONSPEC 877/266-7732	04/08/93	991	R	WHEN ASKED FOR TEST RESULTS THE MFG ELECTED NOT TO HAVE THE PRODUCT REVIEWED.

PAGE 208

ODOT CONSTRUCTION/MATERIALS SECTION REJECTED LIST - DO NOT USE THESE PRODUCTS

JULY 2008

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02070.10	BONDING AGENT, EPOXY	SPEC BOND 50	CONSPEC 877/266-7732	04/08/93	988	 R	WHEN ASKED FOR TEST RESULTS THE MFG ELECTED NOT TO HAVE THE PRODUCT REVIEWED.
02070.10	BONDING AGENT, EPOXY	THOROC EPOXY ADHESIVE 24LPL WAS NITOBOND GEL 400C	CHEMREX 800/327-1570 BRUCE JACKSON 503/722-4101 MASONS SUPPLY 800/537-3407	05/08/97	1601	R	2 COMPONENT 100% SOLIDS EPOXY. DOES NOT MEET VISCOSITY REQ. GRADE 2. HAS 24 HR "OPEN" TIME TYPE II, GRADE 2, CLASS C.
02070.20	BONDING AGENT, NON-EPOXY	DARA WELD C	W.R. GRACE & CO. 800/753-9622 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023	0\$/09/91	722	R	POLYVINYLACETATE COPOLYMER. APPEARS TO BE RE-EMULSIFIABLE.
02070.20	BONDING AGENT, NON-EPOXY	LAB	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	05/12/05	205	R	WE DON'T ALLOW RE-EMULSIFIBLE PRODUCTS.
02070.20	BONDING AGENT, NON-EPOXY	SIKALATEX	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	04/11/91	509	R	SIKA SUBMITTED TESTS FOR AN EPOXY BASED SYSTEM WHICH SEEMS INAPPROPRIATE FOR A NON-EPOXY SYSTEM.
02070.20	BONDING AGENT, NON-EPOXY	SUPERIOR CONCRETE BONDER J-41	DAYTON SUPERIOR 800/745-3707 MIKE COSTELLO 425/301-1975 MASONS SUPPLY, 800/537-3407 WHITE CAP 503/287-4151	02/14/91	622	R	RE-EMULSIFIABLE BONDING AGENT. UNSATISFACTORY HISTORY. POSSIBLY RE-EMULSIFIABLE YEARS LATER.
02070.20	BONDING AGENT, NON-EPOXY	WELDCRETE	LARSON PRODUCTS 800/633-6668 ROSE CITY PROD 503/761-6556	01/13/00	2150	R	TESTING SUBMITTED FOR ASTM C1059 (TYPE I), BUT TYPE II (NON-REDISPERSABLE) TESTING IS REQUIRED.
02080.10	GROUT, EPOXY	CEILCOTE 648 CP GROUT	MASTER BUILDERS 800/227-3350	06/13/91	671	R	THIS GROUT IS NOT MOISTURE INSENSITIVE.
02080.10	GROUT, EPOXY	CONCRESIVE 1539-G	MASTER BUILDERS 800/227-3350	05/01/88	24	R	REJECTED ON BASIS OF THERMAL INCOMPAT W/ CONCRETE. PRODUCT IS ALSO A 3-COMPONENT; SPECS CALL FOR 2-COMPONENT EPOXIES.

JULY 2008

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02080.10	GROUT, EPOXY	DURAL FAST SET EPOXY GEL	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	05/12/05	2532	R	DID NOT RESPOND TO REQUEST FOR INFO.
02080.10	GROUT, EPOXY	DURALCRETE 1:1	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	05/12/05	2800	R	DID NOT RESPOND TO REQUEST FOR INFO.
02080.10	GROUT, EPOXY	DURALCRETE GEL 1:1	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958	05/12/05	2801	R	DID NOT RESPOND TO REQUEST FOR INFO.
02080.10	GROUT, EPOXY	EPOXY GROUT	MINWAX CO. 415/964-9676, CA. MINWAX CO. 201/391-0253, NJ. VALLEY CONTRACTORS SUPPLY KATHEE FRITZ 503/344-5677, OR.	06/13/91	598	R	TEMP REQUIREMENTS TOO HIGH. PRODUCT IS NOT MOISTURE INSENSITIVE. IT IS NOT PRACTICAL FOR USE IN OREGON.
02080.10	GROUT, EPOXY	KMENT ANCHORING CEMENT	EUCLID CHEMICAL 800/321-7628 RW SIMMONS ASSOC, 253/946-3740 WILLIAMS FORMS ENGINEERING	01/12/95	1228	R	QUICK SETTING HYDRAULIC CEMENT CONTAINS GYPSUM. IT IS NOT RECOMMENDED FOR EXTERIOR APPS.
02080.20	GROUT, NON-EPOXY	EMBECO 885 GROUT	MASTER BUILDERS 800/227-3350	05/09/91	651	R	WE DO NOT USE METALLIC GROUTS.
02080.20	GROUT, NON-EPOXY	EUCO NS GROUT	EUCLID CHEMICAL 800/321-7628 RW SIMMONS ASSOC, 253/946-3740 WILLIAMS CONCRETE 800/255-0560	01/12/95	1233	R	CEMENTITIOUS BASED, BUT HAS IRON BORINGS IN IT.
02080.20	GROUT, NON-EPOXY	HI FLOW METALLIC GROUT	EUCLID CHEMICAL 800/321-7628 RW SIMMONS ASSOC, 253/946-3740 WILLIAMS FORM 800/255-0560	10/13/94	1234	R	CONTAINS METALLIC AGGREGATES.
02080.20	GROUT, NON-EPOXY	POWERMIX ELITE FINE MORTAR	CONCRETE RESTORATION, STO DIV. 800/542-3057 KODIAK SUPPLY 800/332-7452	12/10/92	915	R	THIS IS A CEMENTITIOUS MIX. LIMITED TO AT LEAST 120 MILS. MIN AND A MAX OF .25"(THICK). REJECTED BECAUSE OF LIMITS.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02080.20	GROUT, NON-EPOXY	RAPID SET 3/8" CONCRETE MIX	CTS CEMENT MFG. COMPANY REP: CHUCK VETSCH 253/815/1697 ATLAS SUPPLY 800/806-7952 KODIAK SUPPLY 800/332-7452	11/04/93	941	R	25% CEMENT, PEA GRAVEL & SAND. MANUFACTURER DISCOURAGED USE AS A GROUT.
02080.20	GROUT, NON-EPOXY	SEAL TIGHT CG-86	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	06/08/06	1544	R	MFG FAILED TO SUBMIT REQUIRED TEST REPORTS.
02080.30	GROUT, KEYWAY	EMBECO 885 GROUT	MASTER BUILDERS 800/227-3350	05/09/91	651	R	WE DO NOT USE METALLIC GROUTS.
02080.30	GROUT, KEYWAY	EUCO NS GROUT	EUCLID CHEMICAL 800/321-7628 RW SIMMONS ASSOC, 253/946-3740 WILLIAMS CONCRETE 800/255-0560	01/12/95	1233	R	CEMENTITIOUS BASED, BUT HAS IRON BORINGS IN IT.
02080.30	GROUT, KEYWAY	RAPID SET 3/8" CONCRETE MIX	CTS CEMENT MFG. COMPANY REP: CHUCK VETSCH 253/815/1697 ATLAS SUPPLY 800/806-7952 KODIAK SUPPLY 800/332-7452	11/04/93	941	R	25% CEMENT, PEA GRAVEL & SAND. MANUFACTURER DISCOURAGED USE AS GROUT.
02080.30	GROUT, KEYWAY CEMENTITIOUS	HI FLOW METALLIC GROUT	EUCLID CHEMICAL 800/321-7628 RW SIMMONS ASSOC, 253/946-3740 WILLIAMS CONCRETE 800/255-0560	10/13/94	1234	R	CONTAINS METALLIC AGGREGATES.
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	EUCO CABLE GROUT	EUCLID CHEMICAL 800/321-7628 RW SIMMONS ASSOC, 253/946-3740	08/12/04	2485	R	DID NOT MEET OUR SPECS NOR PTI SPECS.
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	MASTERFLOW 816 CABLE GROUT	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	08/12/04	2238	R	SPECIALLY DESIGNED FOR USE AS GROUT IN A POST TENSION DUCT. DOES NOT MEET OUR REQUIREMENTS OR PTI STANDARDS.
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	TAMMS CABLE GROUT	TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	04/10/03	2766	R	NOT THIXOTROPIC. DOES NOT MEET OUR SPECIFICATIONS.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02080.50	GROUT, TENDON - VR 0-2' VERTICAL RISE: 0 - 2'	US SPEC NA GROUT	US MIX PRODUCTS 800/397-9903 WESTSIDE CONCRETE 503/591-0203	04/13/06	3048	 R	DID NOT FURNISH TEST REPORTS AS REQUIRED.
02210.00	RUST CONVERTOR	TRIUMPH 303	UNITED LABORATORIES INC 155 SO. ROUTE 53 ADDISON IL 60101 312/629-8550	05/01/88	201	R	CONVERTS RUST BUT DOES NOT ACT AS A PERMANENT PRIMER
02210.30	ANTI-GRAFFITI COATING	POLYAC	POLYMER PLASTICS CORP. NORTHWEST COATINGS, INC. DENNIS TAYLOR 503/233-7808	08/11/94	808	R	CLEAR ACRYLIC ESTER SEALER. NOT FOR METAL OR BRIDGE APPS. MAY STAIN.
02210.30	ANTI-GRAFFITI COATING	SINAK GRAFFITI PROTECTION	SINAK CORP. 619/231-1771	08/11/94	1063	R	2 PART POLYMER. SACRIFICIAL. NO CONCRETE BLOCK OR MASONRY.
02210.30	LATEX EMULSION PAINT FOR CONCRETE FINISH	EXTERIOR LATEX A-100 -A82	SHERWIN WILLIAMS 360/604-3162	11/10/99	1980	R	FAILS WEIGHT PER GALLON AND SOLIDS CONTENT. 99-3736
02210.30	LATEX EMULSION PAINT FOR CONCRETE FINISH	SPEED-COTE ACRYLIC FLAT LATEX	ICI PAINTS, TIGARD, OR REP, 503/330-0901	06/10/99	1914	R	PRODUCT FAILED TOTAL SOLIDS, AND WEIGHT PER GALLON, AND VISCOSITY.
02410.00	HIGHWAY EDGE DRAINS	EEE ZZZ LAY DRAIN 2001	EEE ZZZ LAY DRAIN COMPANY RANDY HOUCK 704/883-2130 ALEX MAUCK 503/492-2500	11/04/93	1044	R	4" PERFORATED PVC SURROUNDED BY 2" RECYCLED STYROFOAM CHUNK MUCH WATER CAN'T PASS THROUGH, ALLOWS PARTICLES INTO PIPE.
02410.00	HIGHWAY EDGE DRAINS	EZ FLOW	EZ DRAIN 503/492-2500	05/09/02	2556	R	DOES NOT MEET THE REQUIREMENTS OF THIS CATEGORY.
02410.00	HIGHWAY EDGE DRAINS	MIRADRAIN HC DRAIN	TC MIRADRI 253/946-2436	11/08/01	2494	R	DID NOT MEET OUR GUIDELINES.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02410.70	PVC PIPE - IRRIGATION	IPEX CENTURION C905 14" TO 48"	IPEX, INC. 800/663-5864 BOB BLACKWELL 306/933-4650	03/08/07	2185	R	MFG REQUIRES 4' OF COVER.
02410.70	PVC PIPE - SIPHON	IPEX BLUE BRUTE C900 4" TO 12"	IPEX, INC. 800/663-5864 BOB BLACKWELL 306/933-4650	03/08/07	2184	R	TOO SMALL FOR OUR APPS.
02410.70	PVC PIPE - SIPHON	IPEX CENTURION C905 14" TO 48"	IPEX, INC. 800/663-5864 BOB BLACKWELL 306/933-4650	03/08/07	2185	R	MFG REQUIRES 4' OF COVER.
02410.70	PVC WT PIPE - CULVERT WT = WATER-TIGHT	IPEX BLUE BRUTE C900 4" TO 12"	IPEX, INC. 800/663-5864 BOB BLACKWELL 306/933-4650	03/08/07	2184	R	TOO SMALL FOR OUR APPS.
02410.70	PVC WT PIPE - CULVERT WT = WATER-TIGHT	IPEX CENTURION C905 14" TO 48"	IPEX, INC. 800/663-5864 BOB BLACKWELL 306/933-4650	03/08/07	2185	R	MFG REQUIRES 4' OF COVER.
02440.11	POURED JOINT SEALANT SILICONE	SONOLASTIC OMNISEAL	CHEMREX - SONNEBORN DICK HURLEY 360/896-4322 ALLIED 503/639-1579	03/12/98	125	R	MANUF. INFORMED ODOT THAT THIS ONE-COMPONENT JOINT SEALANT IS NOT SUITABLE FOR HIGHWAY USE.
02440.14	BACKER ROD	SOF ROD	NOMACO 800/345-7279	07/14/05	740	R	NOT COMPLETELY CLOSED CELL CONSTRUCTION AS WE REQUIRE.
02440.20	EXPANSION JOINT SYSTEM, ACRYLIC EXPANDING FOAM FOR MOVEMENTS OF < 1 3/4"	BLOCOBAND	SALAMANDER INDUSTRIAL PRODUCTS 612/881-9769 VEN: MASONS SUPPLY 800/537-3407, 503/234-4321	08/10/00	1618	R	MATERIAL COMES IN COMPRESSED ROLLS, & EXPANDS TO FIT JOINTS USES OPEN CELL FOAM, WHICH ALLOWS WATER TO PASS.
02440.20	EXPANSION JOINT SYSTEM, ASPHALTIC PLUG FOR MOVEMENTS OF < 2".	EXPANDEX NOW: WABOEXPANDEX (7-02)	WATSON BOWMAN ACME 800/677-4922	06/10/99	966	R	PRODUCT DOES NOT HANDLE HIGH ADT'S WELL, AND DOES NOT BOND WELL BETWEEN CONCRETE AND ASPHALT.

JULY 2008

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02440.20	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	ROBEK EXPANSION JOINT (LG)	TECHSTAR, INC WARREN BROWN 419/424-0888	06/10/93	356	R	USES A SINGLE SUPPORT BAR SYS. ORIG "C", WE LOST CONFIDENCE. LR APPEARS OK.
02440.20	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	TRANSFLEX EXPANSION JOINT SEAL	STRUCTURAL ACCESSORIES CORPORATE: 203/589-8826 WHITE CAP 503/287-4151	06/13/91	612	R	PREVIOUS EXPERIENCE IN OTHER STATES HAS INDICATED THAT THIS SYSTEM IS UNACCEPTABLE FOR US.
02440.20	EXPANSION JOINT SYSTEM, NEOPRENE COMPRESSION MOVEMENTS OF < 1 3/4"	WABO INVERSEAL	WATSON BOWMAN ACME 800/677-4922	05/12/05	1834	R	WE FELT IT WAS TOO SOFT AND WOULD NOT RESIST DEBRIS PUNCTURES.
02440.20	EXPANSION JOINT SYSTEM, NEOPRENE EXPANSION FOR MOVEMENTS OF < 1 3/4"	JEENE STRUCTURAL SEALING JOINT "W" SERIES	WATSON BOWMAN ACME 800/677-4922	10/11/07	1055	R	USES AIR TO INFLATE AND GLUE. UP TO 2.5" W TYPE. MANUFACTURER NON-RESPONSIVE.
02440.20	EXPANSION JOINT SYSTEM, POLYFOAM COMPRESSION FOR MOVEMENTS OF < 1 3/4"	EVAZOTE 50	E-POXY ENGINEERED MATERIALS MARIBETH TAYLOR 888/999-2463 WILLIAMS CONCRETE 503/286-3647	06/08/00	2	R	ETHYLENE VINYL ACETATE NITROGEN BLOWN MATERIAL PROBLEMS WITH UV EXPOSURE MFG HAS RECALL IN PLACE 5/2000
02440.20	EXPANSION JOINT SYSTEM, SILICONE	SILCOFLEX EXPANSION JOINT SYSTEM	RJ WATSON, INC. 716/691-3301	12/14/06	1442	R	PREFORMED SILICONE STRIP SEAL WAS C -1997. PROB IN VERMONT. ADDITIONAL CONCERNS: MINIMUM JOINT WIDTH IS PRETTY WIDE.
02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	ROBEK EXPANSION JOINT (LK)	TECHSTAR, INC WARREN BROWN 419/424-0888	07/01/95	356	R	WE DO NOT WANT TO USE THE BOX SHAPE. IT IS NOT APPROPRIATE IN OREGON PER THE MANUFACTURER
02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	STEELFLEX SSA2	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	06/08/95	1342	R	WE REQUIRE EXTRUSIONS TO BE AT LEAST 5.5" TALL. THIS IS ONLY 2" TALL.
02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	STEELFLEX SSCM2 STRIP SEAL	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	02/09/95	1263	R	WE REQUIRE EXTRUSIONS TO BE AT LEAST 5.5" TALL. THIS IS ONLY 3.75" TALL.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	STEELFLEX SSE2	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	06/08/95	1345	R	WE REQUIRE EXTRUSIONS TO BE AT LEAST 5.5" TALL & .37" THICK THIS IS ONLY 2" TALL & .34" THICK.
02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	TECHSTAR W SEAL (NEOPRENE).	TECHSTAR, INC WARREN BROWN 419/424-0888	04/08/04	1594	R	NOT ENOUGH MOVEMENT ABILITY FOR THE STRIP SEAL CATEGORY.
02440.20	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	WABOFLEX	DEGUSSA - WATSON BOWMAN 800/677-4922	11/10/05	3052	R	SIMILAR TO TRANSFLEX(REJECTED) MFG NON-RESPONSIVE TO REQUESTS FOR INFORMATION.
02440.21	ELASTOMERIC CONCRETE FOR PAVING DAMS	DELCRETE W/ DEL-AGG URETHANE W/AGGR.	D.S. BROWN CO. 800/848-1730 SCOTT BATES 480/502-0018 419/257-3561	01/13/05	3058	R	SIMILAR TO DELCRETE, BUT DOES NOT HAVE FIBERGLASS AND SAND. JUST HAS AGGREGATE. PHYSICAL PROPERTIES (DEL-AGG) NOT OKAY.
02440.21	ELASTOMERIC CONCRETE FOR PAVING DAMS	MBT TRAFFIC GUARD EP35 EPOXY	BASF 952/496-6000 BRUCE JACKSON 503/722-3407	03/10/05	1607	R	DOES NOT MEET OUR MINIMUM REQUIREMENT OF 100% ELONGATION
02440.21	ELASTOMERIC CONCRETE FOR PAVING DAMS	PERCOL ELASTIC CEMENT URETHANE	PERCOL POLYMERICS, INC. RANSOME WYMAN 714/979-5555	07/14/05	899	R	2 PART URETHANE. PLACED ON PREPLACED AGGR. SETS IN 2 MIN. TRAFFIC IN 10 MIN AT 70 DEG.F. MFG FAILED TO RESPOND.
02440.21	ELASTOMERIC CONCRETE FOR PAVING DAMS	PPC 1121 ODOT POLYESTER	KWIK BOND POLYMERS AL KLAIL 866/434-1772	02/14/08	2596	R	DOES NOT MEET OUR SPECS FOR ELASTOMERIC CONCRETE.
02440.21	ELASTOMERIC CONCRETE FOR PAVING DAMS	PRO CRETE NH EPOXY	CAPITAL SERVICES 800/356-6007	03/10/05	1875	R	DID NOT MEET OUR REQUIREMENTS FOR 100% ELONGATION.
02440.21	ELASTOMERIC CONCRETE FOR PAVING DAMS	PRO-POXY TYPE III DOT EPOXY	UNITEX 800/821-5846 ANDY FREEMAN 307/214-4847 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	10/14/04	1920	R	NOT APPROPRIATE FOR HEADERS.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02440.21	ELASTOMERIC CONCRETE FOR PAVING DAMS	SIKADUR 21 LV, LO MOD EPOXY EPOXY	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	04/09/92	828	 R	A LOW VISCOSITY. DOES NOT MEET ASTM C 881-90. SEE SPECS=THERE ARE SPECIAL REQUIREMENTS FOR CONSTRUCTION.
02440.21	ELASTOMERIC CONCRETE FOR PAVING DAMS	SIKADUR DOT SP2 EPOXY	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	10/09/97	904	R	PROBLEMS IN FIELD. TYPE 3,GRADE 1 CLASS B AND C. SPECIAL FORMULA REQUIRED. WAS SIKADUR 21 LV HE.
02440.30	POURED JOINT FILLER COLD POURED	KOCH 9005 EM	KOCH MATERIALS CO LINDA BECK 800/521-9593 BRETTHAUER OIL ROB HARRIS 800/682-2449	12/09/93	995	R	NEED TEST RESULTS FOR ASTM D1190 OR ASTM D3405.
02440.30	POURED JOINT FILLER COLD POURED	KOLD FLOW	WESTERN HYGRADE 213/724-1012	03/10/05	192	R	DID NOT RESPOND TO REQUEST FOR INFORMATION.
02440.30	POURED JOINT FILLER COLD POURED	PERMANENT SEALER 965	W.J. RUSCOE 216/253-8148 DIST: ROSENBLATT 704/525-1852	03/10/05	1036	R	MFG DID NOT RESPOND TO REQUEST FOR DATA.
02440.30	POURED JOINT FILLER COLD POURED	PERMANENT SEALER 983	W.J. RUSCOE 216/253-8148 DIST: ROSENBLATT 704/525-1852	03/10/05	439	R	NITRILE RUBBER. MFG DID NOT RESPOND TO REQUEST FOR DATA.
02440.30	POURED JOINT FILLER COLD POURED	QUAKER QS 131 SEALER	CARLISLE COATINGS & WATERPROOF 800/338-8701 WAS QUAKER12/95	07/01/89	438	R	REJECTED FOR LACK OF PERFORMANCE.
02440.30	POURED JOINT FILLER COLD POURED	SEALTIGHT 158	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	08/01/89	464	R	REJECTED FOR USE, PRODUCT IS OLD TECHNOLOGY AND NOT SOMETHING WE WANT TO TRY.
02440.30	POURED JOINT FILLER COLD POURED	SOF-SEAL, COLD APPLIED	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	12/09/04	275	R	INSTALLED HWY FAS B 435 BRIDGE 15508. MIKE FISHER PM 7/3/87 NO RESPONSE - MAY 2004 REQUEST

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02440.30	POURED JOINT FILLER COLD POURED	TRUGUARD CRACK SEALANT EMULSIFIED ASPHALT	OWENS CORNING DETROIT, MI 48217 SPEC ASPHALT PRODUCTS ED COOK 503/295-6490	10/13/95	363	R	USED ON VARIOUS PROJECTS C11605 10/95, C10538 10/88 C11463 5/95 C11064 9/93 LOTS OF PROBLEMS WITH CURING.
02440.30	POURED JOINT FILLER HOT POURED	ASPHALT RUBBER PLUS PART #34241	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	12/09/04	2098	R	NOT SELF LEVELING. ASTM D1190. 18% RUBBER AND OF THAT 70% IS RECYCLED. DOES NOT MEET AASHTO M324-TYPE II.
02440.30	POURED JOINT FILLER HOT POURED	BERAM 190	MCASPHALT INDUSTRIES 800/268-4238 PHOENIX ASPHALT 503/289-6696	09/13/07	3537	R	DIDN'T MEET AASHTO M324 TYPE 2
02440.30	POURED JOINT FILLER HOT POURED	CMC 103	DEERY AMERICAN 800/227-4059 SPECIAL ASPHALT PRODUCTS DAVE HEATH 503/295-6490	12/09/04	1351	R	ORIGINALLY SPECIAL ASPHALT PRODUCTS CF, TYPE 1153. WAS ODOT ID#234. NO RESPONSE - MAY 2004 REQUEST
02440.30	POURED JOINT FILLER HOT POURED	CRAFCO 34200	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	10/04/90	569	R	FIELD PERFORMANCE INDICATES THIS PRODUCT IS TOO SOFT THIS IS A PARKING LOT SEAL.
02440.30	POURED JOINT FILLER HOT POURED	CRAFCO 34232	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	07/10/03	684	R	RUBBER ASPHALT. WORKS BEST WEST OF MOUNTAINS AND ROSEBURG NORTH. CRAFCO SPECS. NO RESPONSE TO INFO REQUEST.
02440.30	POURED JOINT FILLER HOT POURED	CRAFCO 34515	CRAFCO INC, 800/528-8242 GREG SHARF 503/284-4330	07/10/03	682	R	POLYMER MODIFIED RUBBER ASPHALT. MODIFIED AASHTO M 173 FOR CONCRETE AND ASPHALT. NO RESPONSE TO INFO REQUEST.
02440.30	POURED JOINT FILLER HOT POURED	CRAFCO 34518 POLYFLEX SEALANT	CRAFCO INC. 800/528-8242 GREG SHARF 503/284-4330	07/10/03	683	R	POLYMER MODIFIED RUBBER ASPHALT. CRAFCO SPECS. FOR CONCR AND ASPHALT CRACKS. NO RESPONCE TO INFO REQUEST.
02440.30	POURED JOINT FILLER HOT POURED	CRAFCO ROADSAVER 211 PART #34211	CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330	12/09/04	239	R	USED ON WILDISH JOB ON I-5 N.GRANTS PASS-ROCK PT. ASPHALT OR CONC. ASTM D 1190. DOES NOT MEET AASHTO M324-TYPE II.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02440.30	POURED JOINT FILLER HOT POURED	HI-SPEC	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	12/09/04	2100	R	HIGH QUALITY HOT POURED FILLER POLYMER SEALING COMPOUND. NO RESPONSE - MAY 2004 REQUEST
02440.30	POURED JOINT FILLER HOT POURED	КОСН 9001 (М 173)	KOCH MATERIALS CO LINDA BECK 800/521-9593 BRETTHAUER OIL ROB HARRIS 800/682-2449	12/09/04	122	R	ASTM D-1190 SPECIAL ORDER FOR WEST COAST PROJECTS. NO RESPONSE - MAY 2004 REQUEST
02440.30	POURED JOINT FILLER HOT POURED	косн 9005	KOCH MATERIALS CO LINDA BECK 800/521-9593 BRETTHAUER OIL ROB HARRIS 800/682-2449	12/09/04	574	R	ASTM D-3405 SELF LEVELING. USED AT POVERTY FLATS-MEAHAAM WITH DOW 890SL, & NO TREAT. NO RESPONSE - MAY 2004 REQUEST
02440.30	POURED JOINT FILLER HOT POURED	косн 9070	KOCH MATERIALS CO LINDA BECK 800/521-9593 BRETTHAUER OIL ROB HARRIS 800/682-2449	12/09/04	606	R	ASTM D1190, CONCRETE/ASPHALT NO RESPONSE - MAY 2004 REQUEST
02440.30	POURED JOINT FILLER HOT POURED	KOCH 9075 FLEX-A-FILL	KOCH MATERIALS CO LINDA BECK 800/521-9593 BRETTHAUER OIL ROB HARRIS 800/682-2449	12/09/04	280	R	MAINTENANCE REG'S 3&4 USED APPEARS TO PERFORM WELL ON PAVEMENT; USED ON C10340 NO RESPONSE - MAY 2004 REQUEST
02440.30	POURED JOINT FILLER HOT POURED	KOCH FLEX 270	KOCH MATERIALS CO LINDA BECK 800/521-9593 BRETTHAUER OIL ROB HARRIS 800/682-2449	12/09/04	183	R	ASTM D-3405 MODIFIED. LOW AMBIENT TEMPERATURES. LOW MODULUS. NO RESPONSE - MAY 2004 REQUEST
02440.30	POURED JOINT FILLER HOT POURED	MEGASEAL	MEGGISON ENTERPRISES, ARVADA, CO 303/296-3439	05/14/98	1664	R	DOESN'T MEET D3405.
02440.30	POURED JOINT FILLER HOT POURED	SEALTIGHT 164	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	07/10/03	649	R	NO RESPONSE TO REQUEST FOR INF INFO. NEVER EXCEED 400F POLYMERIC SEALER FOR CONCRETE AND ASPHALT.
02440.30	POURED JOINT FILLER HOT POURED	SOF-SEAL, HOT APPLIED	W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203	10/03/90	541	R	FAILS ASTM D 1190, TOO SOFT FAILED PERFORMANCE TESTS

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02440.30	POURED JOINT FILLER HOT POURED	TRUMBULL 1190	TRUMBULL ASPHALT DIV. 59TH & ARCHER RD SUMMITT, IL 60501 RICHARD JANICKI 312/563-6091	12/09/04	262	R	USED ON BEAVER CREEK BR C10443 BY PM JERRY THACKERY 10/9/87. NO RESPONSE - MAY 2004 REQUEST
02440.30	POURED JOINT FILLER HOT POURED ASPHALTIC	DURA FILL 3405 CRACK SEALANT	P & T PRODUCTS 419/635-2821 CASCADE ASPHALT SEALING CO. 206/475-4910	12/09/04	1261	R	MFG CLAIMS ASTM D3405. NO RESPONSE - MAY 2004 REQUEST
02440.30	POURED JOINT FILLER HOT POURED ASPHALTIC	ELASTOFLEX 50	MAXWELL PRODUCTS 801/972-2090	10/14/04	1008	R	DOES NOT MEET AASHTO M-324 TYPE II. (ASTM D3405) WAS ELASTOFLEX 50S
02440.30	POURED JOINT FILLER HOT POURED ASPHALTIC	ELASTOFLEX 51	MAXWELL PRODUCTS 801/972-2090	10/14/04	2821	R	DID NOT PASS AASHTO M-324 TYPE II.
02440.30	POURED JOINT FILLER HOT POURED ASPHALTIC	ELASTOFLEX 51R	MAXWELL PRODUCTS 801/972-2090	07/14/94	1009	R	MFG COULD NOT PROVE IT MEETS AASHTO M-173 OR M-301 WAS ELASTOFLEX 51R
02440.30	POURED JOINT FILLER HOT POURED ASPHALTIC	ELASTOFLEX 52	MAXWELL PRODUCTS 801/972-2090	10/14/04	2440	R	DID NOT PASS AASHTO M-324 TYPE II.
02440.30	POURED JOINT FILLER HOT POURED ASPHALTIC	ELASTOFLEX 65	MAXWELL PRODUCTS 801/972-2090	10/14/04	2822	R	DID NOT PASS AASHTO M-324 TYPE II.
02440.40	RUBBER GASKETS BUTYL	RV 30	RUVAN INC. 1175 DIAMOND AVE. EVANSVILLE, IN 47711 FRANCIS MCKENZIE 812/464-2488	09/12/91	624	R	FOR SEALING CONCRETE PIPES WE REQUIRE AASHTO M 198 TYPE A. THIS IS TYPE B, PLASTIC, NOT AS FLEXIBLE AS TYPE A, RUBBER.
02450.30	MANHOLE STEPS	BOWCO 81213R	BOWCO INDUSTRIES 503/266-9405	09/13/07	3519	R	TOO SMALL.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02530.70	GALVANIZATION	VALTECH	ZP & G, SALEM, OR;800/821-8169 RICK STEAKE, 503/588-8364 VALMONT FATENER GROUP/IFI,INC. LEE KUSKE, 800/821-8169	04/08/99	1907	R	MANUFACTURER SHOWED NO INDEP- ENDANT TESTING,OR LONG-TERM DURABILITY RESULTS.
02710.30	ASPHALT ADDITIVE	STARFLEX	NORTHSTAR VEND: CEI, INC. 17314 TOMBALL PARKWAY,SUITE 110; HOUSTON, TX 713/894-0595	02/14/91	583	R	PRODUCT DATA IS INCONSISTANT WITH OUR POLICIES. THE DATA INDICATES INCOMPATIBILITY WITH SOME ASPHALTS.
02840.10	TRAFFIC PAINT, STANDARD SOLVENT BASED VOC COMPLIANT, LEADED	MORLINE, LOW VOC, LEADED	ENNIS PAINT 800/835-3357	0\$/10/01	1426	R	WHITE FORMULA: HLVW1 = 2706A8 YELLOW FORMULA: HLVY2 = 2707A8 ORIGINALLY OK, BUT WE ARE MOVI MOVING AWAY FROM LEADED PAINTS
02840.10	TRAFFIC PAINT, STANDARD WATERBORNE	PERVO 4051-0013 906181	PERVO PAINT 360/815-7677 CORP: 800/892-3647	11/16/00	2383	R	HI-PERFORMANCE, RAPID DRY WHITE TEST DECK 73000042-99 FAILED- WAS LESS THAN CONTROL.
02840.60	PAVEMENT MARKER, RECESSED	3-м 190	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414 TRAFFIC CONTROL MATERIALS DIV.	06/08/06	2278	R	MFG HAS NOT FURNISHED TEST REPORTS. 3-M IS NOT INTERESTED INTERESTED IN USING THIS WITH- OUT THE CAST IRON CASTING.
02840.60	PAVEMENT MARKER, RECESSED	H1010 LP	HALLEN PRODUCTS 800/535-4795	02/09/06	2592	R	SAFETY WAS A CONCERN IN CASE THE MARKER BECAME DISLODGED.
02840.60	PAVEMENT MARKER, RECESSED	IRONSTAR H664	HALLEN PRODUCTS 800/535-4795	02/09/06	2593	R	SAFETY WAS A CONCERN IN CASE THE MARKER BECAME DISLODGED.
02840.60	PAVEMENT MARKER, RECESSED	STIMSONITE 96/96LP	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414	02/09/06	630	R	SAFETY WAS A CONCERN IN CASE THE MARKER BECAME DISLODGED.
02840.60	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	CENTERLITE MARKER, SERIES 240	3-M COMPANY 800/962-6217 SPENCER CANTWELL 530/343-2414 TRAFFIC CONTROL MATERIALS DIV. 800/553-1380	10/04/90	421	R	MINIMAL REFLECTABILITY, FAILED BOND PULL-OFF TEST, POOR MOUNTING FOR REFLECTORS

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02840.60	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	RAY-O-LITE 2001	RAY-O-LITE, DIV OF PAC-TEC DOUG FORRER 800/848-7025	07/08/93	936	R	SIZE: 2.2 X 4.7 X .5".
			ALPINE PRODUCTS 253/838-4318 TRAFFIC SAFETY 800/547-8518		\sim		FAILED OUR REFL TEST: 92-13419 DULLER THAN OTHERS ON ROADWAY
02840.60	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	RAY-O-LITE JR 'ARC' YELLOW: #7706; WHITE: #7708	RAY-O-LITE, DIV OF PAC-TEC DOUG FORRER 800/848-7025 ALPINE PRODUCTS 253/838-4318 TRAFFIC SAFETY 800/547-8518	07/09/92	473	R	ORIGINALLY QUALIFIED 1/90. PERFORMANCE PROB. IDENTIFIED BY WSDOT. DOES NOT MEET OUR RECESSED MARKER SPECIFICATIONS
02840.60	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	RIDGEGATE FLEXIBLE PAVEMENT MARKER	RIDGEGATE CORPORATION 16815 S HATTEN RD OREGON CITY, OR 97045 503/631-7064	06/08/89	235	R	TESTED ON SALEM PARKWAY FAILED TO STAY ON PAVEMENT (ALSO CHECK P #351.)
02840.60	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED, ABRASIVE RESISTANT	STIMSONITE 88	ENNIS PAINT 800/835-3357	12/13/07	693	R	FAILED THE ABRASIVE RESISTANT TEST. OK FOR USE AS A REGULAR MARKER.
02840.60	PAVEMENT MARKER, TYPE 2 NON-REFLECTORIZED	APEX NON-REFLECTIVE PAVEMENT MARKER	APEX UNIVERSAL, INC. 841 N. PIONEER AVE. WILMINGTON, CA 90744 310/834-1128	04/14/94	956	R	RAISED CERAMIC MARKER. DOESN'T MEET CURRENT SPECS. WHICH REQUIRE WSDOT AND CALTRANS APPROVAL.
02840.60	PAVEMENT MARKER, TYPE 2 NON-REFLECTORIZED	GLASTIC MARKER PAVEMENT MARKER	GLASTIC CORP MICHAEL CHAMPA 216/383-6275	11/04/93	711	R	EMPLOYS FIBERGLASS DESIGN W/ ONLY 9-16% POLYESTER. TRAFFIC WORE THROUGH MARKER CAUSING IT TO FALL APART.
02840.60	PAVEMENT MARKER, TYPE 2 NON-REFLECTORIZED	RPM 1001 FLEXIBLE MARKERS	RIDGEGATE CORPORATION 16815 S HATTEN RD OREGON CITY, OR 97045 503/631-7064	05/01/88	145	R	FIELD EVALUATION OF PRODUCT WAS ORIGINALLY SUCCESSFUL, BUT FURTHER EVALUATION SHOWED THE MARKER GREYED BEYOND USE.
02840.60	PAVEMENT MARKER, TYPE 2 NON-REFLECTORIZED	SAFETY DOT FORMERLY RAY-O-LITE BUTTONS	ENGINEERED PLASTICS SAM LUZAICH 707/579-1518	02/13/92	515	R	PROD. HAS CHANGED, VENDOR IS REWORKING DIES. RAY-O-LITE DISTRIB THESE FOR BOH AS RAY-O-LITE, NO MORE.
02840.61	ADHESIVE PADS FOR PAVEMENT MARKERS THERMOPLASTIC	BUNDY	FLINT TRADING-LKF DIV OF FLINT 336/475-6600 GARY BANTIN 208/870-8505	07/12/07	1207	R	APPLIED WITH A PROPANE TORCH. NOT EFFECTIVE FOR PERMANENT LOCATIONS.

JULY 2008

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02840.61	ADHESIVE PADS FOR PAVEMENT MARKERS THERMOPLASTIC	HOT SPOTS	ENNIS PAINT 800/835-3357 WAS AVERY DENNISON800/327-5917 WAS STIMSONITE 800/327-5917	07/12/07	1692	R	APPLIED WITH A PROPANE TORCH. FOR PAVEMENT MARKERS. NOT EFFFECTIVE FOR PERMANENT LOCATIONS.
02840.61	MARKER ADHESIVE - BITUMIN STANDARD	NORRIS BITUMINOUS ADHESIVE ADHESIVE, ALSO CALLED WHITAKER	ENNIS PAINT 800/835-3357	09/10/92	330	R	USED ON SALEM PARKWAY. ORIG Q 8/5/88,LOTS OF FAILURES
02840.61	MARKER ADHESIVE - BITUMIN STANDARD BITUMINOUS	RENCO BITUMINOUS ADHESIVE	GRACO/LTI 800/654-8182 OR 512/251-2421 REP:ADHESIVE & PACKAGING, JIM LECORRE 503/626-2146	09/10/92	300	R	EVAL PROJECT BY BUD BRODERICK. MFG NOT INTERESTED IN OREGON AND NOT USED AFTER Q 10/89.
02840.61	MARKER ADHESIVE - BITUMIN STANDARD BITUMINOUS	STIMSONITE BITUMINOUS ADHESIVE	STIMSONITE CORP 800/327-5917	08/13/98	133	R	USED ON SALEM PARKWAY.
02840.61	MARKER ADHESIVE - EPOXY	EAS-13	QCM COMPANY 800/321-0170	08/14/05	793	R	PRODUCT FAILS ODOT SPEC FOR PAVEMENT MARKER ADHESIVE. ASTM M237, MODIFIED.
02840.61	MARKER ADHESIVE - EPOXY	EAS-6	QCM COMPANY 800/321-0170 TRAFFIC SAFETY 503/235-8531	06/10/99	791	R	PRODUCT FAILS ODOT SPEC FOR PAVEMENT MARKER ADHESIVE. ASTM M237, MODIFIED.
02850.10	DELINEATOR, METAL TYPE 1	MARION DELINEATORS TYPE 1	MARION STEEL 603/430-9350	01/13/05	2839	R	DID NOT CONFORM TO OUR SPECS.
02850.10	DELINEATOR, METAL TYPE 1U	MARION DELINEATORS TYPE 1U	MARION STEEL 603/430-9350	01/13/05	2839	R	DID NOT CONFORM TO OUR SPECS.
02850.30	DELINEATORS, FLEXIBLE TYPE 2	FLEX-0-POST	PROVEN PRODUCTS 503/663-0124 7560 S.W. LAVIEW DRIVE PORTLAND, OR 97219 503/244-9185	05/01/88	118	R	SUBJECT TO WEATHEROMETER & FIELD EVALUATION. WAS 'C'. YELLOWED AND BROKE EASILY.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02850.30	DELINEATORS, FLEXIBLE TYPE 2	FLEXI-GUIDE 400	FILTRONA EXTRUSN 877-335-4638 BILL DALY TRAFFIC SAFETY 800/547-7528	11/13/97	608	R	THIS TYPE HAS BEEN REJECTED IN THE PAST, BENDS EASILY, NOT UV RESISTANT. POOR NTPEP TESTS. WAS ALL WEST PLASTICS
02850.30	DELINEATORS, FLEXIBLE TYPE 2	LIFE VEST	PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518	06/12/03	2742	R	DOES NOT MEET OUR SPECS FOR DELINEATORS.
02850.30	DELINEATORS, FLEXIBLE TYPE 2	UM 300	FLEXSTAKE, INC. 800/348-9839 JIM ZADRONZNY	04/12/07	3141	R	MFG DIDN'T RESPOND. PRODUCT DOES NOT APPEAR TO MEET SPECS. UTILITY GRADE MAYBENOT GOOD FOR OUR TOUGH SITUATIONS.
02850.30	DELINEATORS, FLEXIBLE TYPE 4A GUARDRAIL VERSION	FLEXI-GUIDE 427	FILTRONA EXTRUSN 877-335-4638 BILL DALY TRAFFIC SAFETY 800/547-7528	07/09/98	1635	R	THIS TYPE IS NOT APPROVED AS A STAND ALONE DELINEATOR.
02850.30	DELINEATORS, FLEXIBLE TYPE 4A GUARDRAIL VERSION	SAFE-HIT GUARDRAIL DELINEATOR	SAFE-HIT CORP. 888/323-6374 MIKE MADDEN 206/932-6146 JIM CROWLEY 800/770-6755	05/01/88	1561	R	SD 2129 CALLS FOR FOUR LAG SCREWS TO ATTACH, SAFE-HIT PRODUCT USES TWO NAILS.
02910.10	SIGN SUBSTRATE	3004-H38 SIGN BLANKS	SIGNS AND BLANKS 800/837-2245	09/10/92	933	R	THIS IS A RECYCLED ALUMINUM. IT CAN NOT MEET OUR STANDARDS FOR TENSILE STRENGTH AND ELONGATION.
02910.10	SIGN SUBSTRATE	MEDEX SIGN MATERIAL	MEDITE CORP. 503/773-2522 MEDFORD, OR 97501 VEN: SUN SUPPLY JOHN SULLIVAN 503/222-5080	03/11/93	323	R	FIBER-BOARD LIKE MAT'L. TESTED BY ODOT. WHEN THE SURFACE WAS DAMAGED IT WOULD SWELL.
02910.10	SIGN SUBSTRATE PVC	ULTRA-PLAS	ULTRA-PLAS SAFETY PRODUCTS 800/959-8502	08/11/94	1200	R	.04" PVC.
02920.13	JUNCTION BOXES	POLY 1000	J.A. INDUSTRIES, INC. SUITE 930, 720 OLIVE WAY SEATTLE, WA 98101 206/467-1041	09/09/93	862	R	ROUND PLASTIC, 15" D X 12". DOES NOT MEET OUR CURRENT SPECIFICATIONS.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02920.13	JUNCTION BOXES	POLY 2000	J.A. INDUSTRIES, INC. SUITE 930, 720 OLIVE WAY SEATTLE, WA 98101 206/467-1041	09/09/93	807	R	ROUND PLASTIC, 21" D X 15". DOES NOT MEET OUR CURRENT SPECIFICATIONS.
02920.25	WIRE CONNECTORS	KING ONE STEP CONNECTOR	REEVES AND ASSOCIATES 11015 177TH PLACE NE KIRKLAND, WA 98033 DOUG KIRK 425/827-2400	03/11/93	982	R	SCREW CONNECTORS MADE FOR USE WITH COPPER WIRE ONLY. DOES NOT MEET OUR SPECS FOR WATER PROOFING.
03010.00	FENCING, CHAIN LINK	CENTURY CMT 40	CENTURY TUBING PO BOX 7612 PINE BLUFF, AR 71611 501/535-6200 OR 800/643-1523	01/17/91	614	R	EXTERIOR IS GALV. WITH .03 MIL ORGANIC TOPCOAT. AASHTO M 181 REQUIRES ORGANIC COATING. INTERIOR IS PAINTED. (GRADE 2)
03010.00	FENCING, CHAIN LINK	CYCLONE C-SECTION (GALFAN)	GREGORY GALVANIZING 800/322-0477 JIM DESMITH	12/12/91	810	R	GALFAN COATING WITH 5% ALUMINUM MISCHMETAL. DOES NOT MEET AASHTO M 181.
03110.00	WETLAND GEOTEXTILE	BONTERRA AMERICA, INC.	BONTERRA AMERICA, INC. JANIE BURT 800/882-9489	02/11/99	1672	R	100% BIODEGRADABLE. MAY BE PREPLANTED. MFTR SAYS IT MAY BE PROOF AGAINST WAVE ACTION.
03200.00	CHEMICAL DE-ICER	FREEZGARD + PCI	GREAT SALT LAKE MINERAL/CHEM OGDEN, UT GLEN HOLT	11/04/93	334	R	PRODUCT NO LONGER HAS CHLORIDE INHIBITOR, PCI. DAMAGE TO STRUCTURES COULD BE IRREVERS- IBLE.
03200.00	CHEMICAL DE-ICER	ICE AWAY D-954	NILES CHEMICAL PAINT AMERICAN SHIELD COATING CO. 800/854-6455	10/13/94	1208	R	XYLENE/ALKYD RESIN/TOLUENE HIGH VOC'S625 G/L, VERY HIGH COST:\$6400/LANE KM
03200.00	CHEMICAL DE-ICER	MAGI-MELT	TEXAS REFINERY, 800/827-0711	12/12/96	1616	R	CALCIUM CHLORIDE.
03200.00	CHEMICAL DE-ICER	NRD 2000	QX ENVIRONMENTAL PRODUCTS 403/585-4040	04/14/05	3051	R	NO RESPONSE TO REQUEST FOR INFO.

JULY 2008

STANDARD SPEC NO.	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS	
03200.00	CHEMICAL DE-ICER	OPEN ROAD PLUS	CHEMSEARCH 2727 CHEMSEARCH BLVD IRVING,TX 800/527-9921	02/13/97	595	R	CORROSIVE NATURE,HARMFUL TO PLANTS AND GRASS. LIQUID MAG CHLORIDE DERIVITATIVE.	
03200.00	DELINEATOR REFLECTOR	WIDE ANGLE DELINEATOR	SEKISUI JUSHI CORP SAM GOTO 404/386-8837 DIST: WAHLCOR, INC. MIKE GLEASON 816/753-1559	02/10/94	1089	R	6.2" DIAMETER REFLECTOR. IT WILL NOT MOUNT WELL TO OUR STANDARD DELINEATOR. DESIGNED FOR 47" TALL-OURS ARE 43".	
03200.00	EQUIPMENT	VIBRATING SCREED	AREA WEST	09/19/85	5	R	TOO FLIMSY TO LEAVE A DECENT GRADE. WHEN EVALUATED ON A CNTY BR. DECK IT LEFT HUMPS & DIPS THAT WERE GRND & FILLED.	
03200.00	FLAGGER AID	SAFETY BEACON LIGHTS	K & K SYSTEMS 601/842-4476 FRED GUENTHER 206/999-2829	07/09/98	1683	R	CONCERNS ABOUT CONFUSING THIS WITH A SIGNAL. COULD DISTRACT ATTENTION FROM FLAGGER. COULD MAKE FLAGGER OVERLY CONFIDENT.	
03200.00	MAINTENANCE PLATFORM	FIBERGRATE	FIBERGRATE CORP/MANUFACTURER TOURANGEAU NOR WES CORP. 503/644-2010 BEAVERTON OR 97005	11/15/90	489	R	(503) 644-2010 BENFITS DID NOT OUTWEIGH THE ADDITIONAL COST OF DESIGN CHANGES FOR EACH INSTALLATION	
03200.00	POST ANCHOR FENCE, SIGN, & DECK	OZ-POST POST ANCHOR	OZ-POST INTERNATIONAL 866/422-0751	03/13/08	3574	R	NO CRASH TESTS, NOT MUCH USE DETERMINED.	
03200.00	WEED COVER	UNIVERSAL WEED COVER	DAMON ENTERPRISES 800/613-9482	10/11/07	2761	R	NO RESPONSE FROM MANUFACTURER.	
LIST PUBLISHED BY ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503)986-3059. CALL IF YOU HAVE ANY QUESTIONS ABOUT THESE PRODUCTS.								

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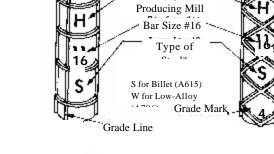
APPENDIX A – APPROVED REINFORCING STEEL PRODUCERS

The ASTM specifications for billet-steel and low-alloy reinforcing bars (A615 and A706, respectively) require identification marks to be rolled into the surface of one side of the bar to denote the producer's mill designation, bar size, type of steel and minimum yield designation. Grade 420 bars show these marks in the following order.

1st – Producing Mill (usually a letter)

2nd – Bar Size Number (#10 through #57)

- 3^{rd} Type of Steel: **S** for Billet (A615)
 - W for Low-Alloy (A706)



etter or Symbol of

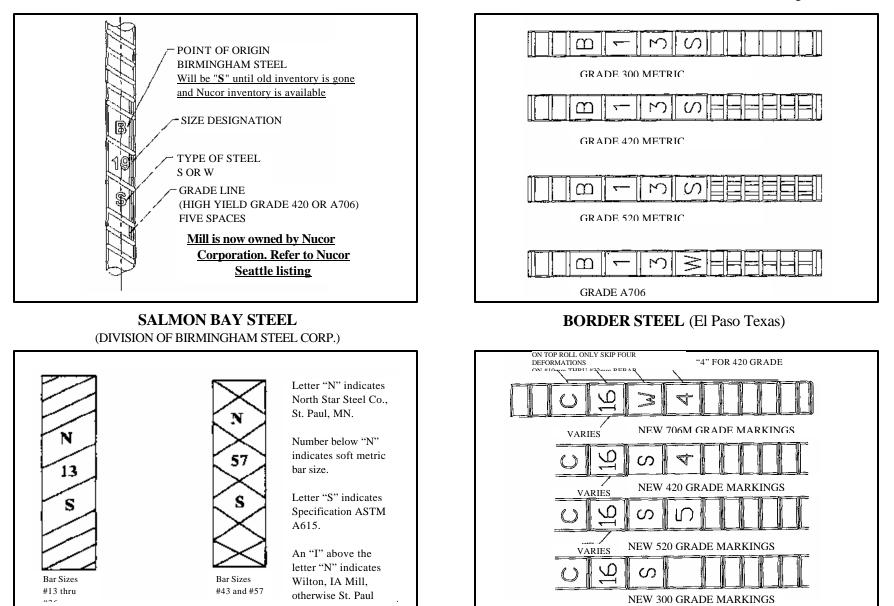
4th – Minimum Yield Designation

The minimum yield designation for Grade 420 bars is either one (1) single, longitudinal line (grade line) or the number 4 (grade mark).

A grade line is smaller and is located between the two main ribs, which are on opposite sides of all bars made in the United States. A grade line must be continued through at least 5 deformation spaces, and it may be placed on the side of the bar opposite the bar marks. A grade mark is the fourth mark on the bar.

VARIATIONS: Bar identification marks may also be oriented to read horizontally (90° to those illustrated). Grade numbers may be placed within consecutive deformation spaces to read vertically or horizontally.

The identification marks for the Approved Producers are shown in the following figures. Rebar grades shown on these pages are for reference only. Check the specs for the appropriate requirements

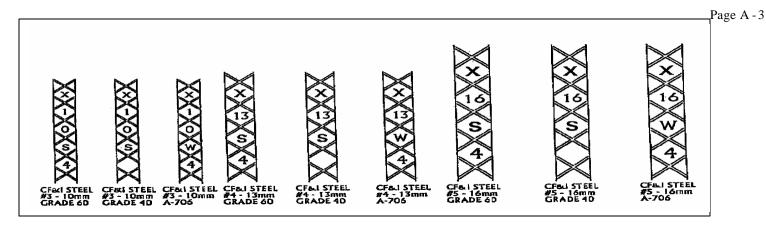


CASCADE STEEL ROLLING MILLS

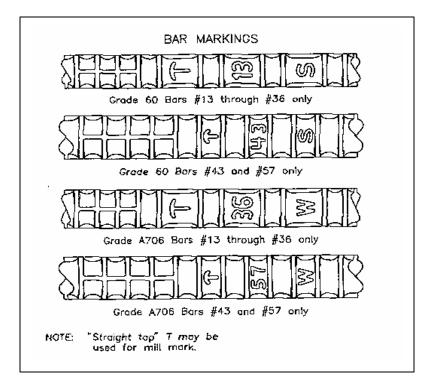
Figure A, page 2 of 4 Approved Producers

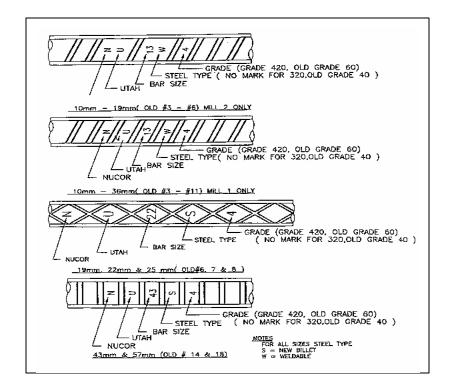
NORTH STAR STEEL

(ST PAUL, MN)



CF&I Pueblo Colorado Now Known as Rocky Mountain Steel Company

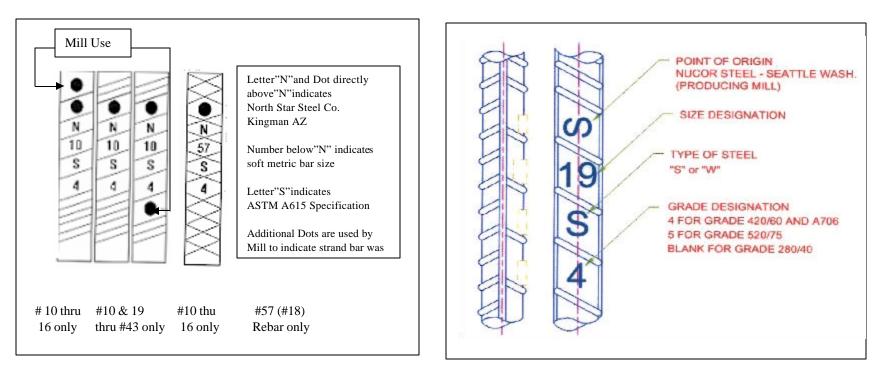




Tamco Steel (Rancho Cucamonga Mill)

Nucor Corporation (Utah Mill)

Figure A, page 3 of 4 Approved Producers



North Star (Kingman Arizona) Purchased by Nucor. Mill is not producing steel. as of January 2004

Nucor Corporation (Seattle Washington) 2/2008

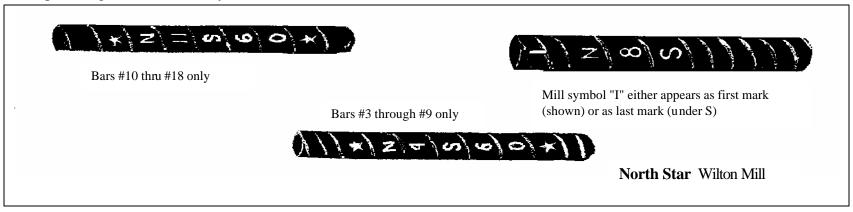


Figure A, page 4 of 4 Approved Producers