OREGON DEPARTMENT OF TRANSPORTATION
CONSTRUCTION SECTION

QUALIFIED PRODUCTS LIST

PUBLISHING DATE: JULY 2016

This list is published every six months and is available only 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.

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

2. The **APPROVED LIST - "A"** 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.

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

"Conditionally Approved" products need specific, prior approval 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. The QPL does not distinguish between domestic and foreign steel. Use of this list by **ODOT Maintenance** Personnel as an *information resource* is encouraged not required.

Note: *Any change to a product on the QPL, without prior approval, will be cause for rejection of the product.*

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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
Dean Chess, Phone: 503/986-3059
E-Mail: dean.m.chess@odot.state.or.us

FAX: 503/986-3096

Oregon Department of Transportation

OREGON DEPARTMENT OF TRANSPORTATION

"QPL" INDEX BY CATEGORY TO GET SPECIFICATION NUMBERS

CATEGORY	SPEC #
ANTI-GRAFFITI COATING - SIGNS	02910.70
ASPHALT COLD PATCH - HI PERF	00745.00
ASPHALT RELEASE AGENT	00745.22
AUTOMATED FLAGGER ASSIST. DEVICE	00225.18
BACKER ROD	02440.14
BARRICADE, TEMPORARY	00225.12
BARRIER PANELS, REFLECTIVE	00225.12
BARRIER, CABLE	00811.00
BEARINGS, BRIDGE	00582.10
BIRD SPIKES	00907.10
BONDING AGENT, EPOXY	02070.10
BONDING AGENT, NON-EPOXY	02070.20
CEMENT, PORTLAND	02010.10
CFRP STRENGTHENING WET LAY UP	00565.00
CHEMICAL ADMIXTURES	02040.10
CHLORIDE REMOVER	00594.13
COATING FOR REBAR SPLICES	02510.11
COATING, FOR REBAR, EPOXY	02510.11
CONCRETE & CRACK SEALER HIGH MOD.	02060.20
CONCRETE & CRACK SEALER LOW MOD.	02060.10
CONCRETE ANCHOR, MECHANICAL	00535.10
CONCRETE ANCHOR, RESIN	00535.10

CATEGORY	SPEC #
CONCRETE BARRIER GATE	00820.00
CONCRETE MODIFER - BLENDED	02030.60
CONCRETE MODIFIER - FLY ASH	02030.10
CONCRETE MODIFIER - GGBF SLAG	02030.40
CONCRETE MODIFIER - LATEX	02030.30
CONCRETE MODIFIER - METAKAOLIN	02030.50
CONCRETE MODIFIER - SILICA FUME	02030.20
CONCRETE SEALER - WATER REPELLENT	02060.30
CONCRETE SURFACE RETARDER	02055.10
CRACK INJECTION, EPOXY	00538.10
CURING BLANKET, CONCRETE	02050.30
CURING COMPOUND, CONCRETE	02050.10
DAMP PROOFING, CLEAR	00597.11
DELINEATORS - (TYPES 1 to 6)	00840.10
DETECTABLE WARNING DEVICES	00759.12
DRAINS, TRENCH (PREFORMED)	00446.00
ELASTOMERIC CONCRETE	00584.10
ELECTRONIC CUTTABLE FILM	02910.60
EROSION CONTROL	00280.00
EXPANSION JOINTS, BRIDGE	00585.10
FENCING, WORKZONE	00225.12
FLAGGER STATION LIGHTING	00225.17

CATEGORY	SPEC #
FLAGGER STOP/SLOW PADDLE	00225.27
FORM TIE, NON-METALLIC	00540.45
GALVANIZING REPAIR OF HOT-DIP	02530.71
GEOGRIDS - SUBGRADE REINFORCEMENT	02320.10
GEOGRIDS - TYPE I MSEW	02320.10
GLARE SHIELDS	00822.00
GLARESCREEN TEMPORARY	00225.12
GROUT, EPOXY	02080.10
GROUT, KEYWAY	02080.30
GROUT, NON-EPOXY (NON SHRINK)	02080.20
GROUT, TENDON	02080.50
GUARDRAIL BLOCKS, PLASTIC	02110.20
GUARDRAIL TERMINALS	02820.00
HERBICIDES, PRE-EMERGENT	01040.21
IMPACT ATTENUATOR, PERM.	00830.00
IMPACT ATTENUATOR, TEMP.	00225.12
IMPACT ATTENUATOR, TRUCK MTD	00225.12
JOINT FILLER, PREFORMED	02440.10
LATEX EMULSION PAINT	02210.30
LOOP SEALANTS, TRAFFIC	00990.43
LUBE FOR FASTENERS	02560.70
LUBE FOR GALV FASTENERS	02560.70

OREGON DEPARTMENT OF TRANSPORTATION

"QPL" INDEX BY CATEGORY TO GET SPECIFICATION NUMBERS

CATEGORY	SPEC#
LUBE FOR STAINLESS FASTENERS	02560.70
MAILBOX SUPPORTS	01070.00
MANHOLE RISER RINGS	00470.00
MANHOLE STEPS	02450.30
MARKERS, TUBULAR AND CONICAL	00225.13
MARKERS, TUBULAR, SURF. MTD, PERM.	00856.10
MARKERS, TUBULAR, SURF. MTD, TEMP.	00225.13
MARKINGS, LONGITUDINAL - DURABLE	00865.00
MARKINGS, LONGITUDINAL - HIGH PERF	00866.00
MARKINGS, LONGITUDINAL - PAINT	00860.00
MARKINGS, TRANSVERSE	00867.00
MEMBRANE, SPRAY WATERPROOFING	00591.00
MOISTURE RETENTION CHEM FOR SOIL	01040.22
MPCO AGGREGATE	00556.20
MULTI - LAYER POLY. CON. OVERLAY	00556.10
OVERHEIGHT VEHICLE WARNING	00225.16
PAVEMENT MARKER ADHESIVE	00855.00
PAVEMENT MARKER, FLEXIBLE	00225.13
PAVEMENT MARKER, PERMANENT	00855.00
PCC REPAIR	02015.20
PCC REPAIR POLYMER MODIFIED	02015.30
PCMS / PVMS - CHNGABLE MESSAGE SIGN	00225.16

CATEGORY	SPEC#
PEDESTRIAN CHANNELIZING DEVICE	00225.12H
PERFORATED STEEL SQ TUBE - ANCHORS	00930.00
PERFORATED STEEL SQ TUBE - SLIP BASE	00930.00
PERFORATED STEEL SQ TUBE - SUPPORTS	00930.00
PILE TIPS	00520.00
PIPE - POLYETHYLENE	02410.60
PIPE - POLYPROPYLENE	02410.75
PIPE - PVC	02410.70
PIPE, MASTIC	00445.12
PIPE, POLYMER COATINGS FOR METAL PIPE	02420.20
PLASTIC DRUMS, TEMPORARY	00225.13
POROUS PAVER	00760.00
POURED JOINT FILLER, HOT	02440.30
POURED SEALANT, SILICONE (2 PART)	02440.11
RADAR SPEED TRAILER	00225.18
REBAR MANUFACTURERS	00530.00
REBAR SPLICE, MECHANICAL	00530.42
REFLECTIVE ELEMENTS FOR MARKINGS	00850.00
RENFORCEMENT, HEADED BAR	02510.25
ROCK BOLTS	00398.00
SEQUENTIAL ARROW SIGN	00225.16
SIGN COVERS, TEMPORARY	00225.11

CATEGORY	SPEC#
SIGN SHEETING TYPE O4, WORKZONE RIGID	00225.11
SIGN SHEETING, TYPES I - X	02910.20
SIGN SHEETING, WORKZONE ROLL-UP	00225.11
SIGN SUPPORTS, PORTABLE	00225.11
SMART WORK ZONE VENDOR	00225.16C
SOIL BIO AMENDMENT	01040.17
SOIL STERILIZATION	01040.21
STORMWATER CONTROL FACILITIES	01010.03
STRUCTURAL STEEL CAULKING	00594.12
STRUCTURAL STEEL COATINGS	00594.11
SYNTHETIC FIBER, MACRO, MICRO, BLEND	02045.00
SYNTHETIC SLURRY	00512.14
TAPE, NON-REFLECTIVE	00225.13
TAPE, TEMPORARY	00225.13
TIMBER COATING	02210.20
TRAFFIC SIGNAL, PORTABLE	00225.15
TRANSVERSE RUMBLE STRIPS, TEMP.	00225.13I
TRENCHLESS TECHNOLOGY	00445.00
WATERPROOFING - CAP	00597.11
WOOD PRESERVATIVE, FIELD	02190.30

Traffic Control Devices Notice (7-2016)

The American Association of Stale Highway and Transportation Officials (AASHTO) recently published the *Manual for Assessing Safety Hardware* (MASH). MASH is an update to and supersedes NCHRP Report 350**.**

Requirements in Section 1408 of SAFETEA-LU stated that "The Secretary, in cooperation with the Association [i.e., AASHTO], shall publish updated guidance regarding the conditions under which States, when choosing to improve or replace highway features on the NHS, should improve or replace such features ... ". The AASHTO/FHWA Implementation Plan was developed to satisfy that requirement.

Category 1: Plastic Tubular Markers, Plastic Barrels. ODOT Link for Self-Certification form: **Click Here**

Category 2: Portable Sign Supports, Tripod Mounted AFAD's, Type 3 Barricades, etc.

Category 3: Impact Attenuators, Guardrail, etc.

Category 4: Trailer Mounted Sequential Arrows, Trailer Mounted Message Boards,

Trailer Mounted AFAD's, Trailer Mounted Flagger Station Lighting etc.

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

FHWA Safety Websites:

Work Zone Devices: http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/wzd/

Traffic Barriers, Barrier Terminals, Crash Cushions, and Bridge Railings:
http://safety.fhwa.dot.gov/roadway%5Fdept/policy_guide/road_hardware/barriers/term_cush.cfm

NCHRP Report 350: http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/nchrp_350/

MASH: http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/ctrmeasures/mash/

Self Certification Category: http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/nchrp_350/catg1.cfm

FHWA Work zone Letter WZ-161:
http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/listing.cfm?code=workzone

Erosion Control

Category	Remarks	Section
Check Dam	Type 1 – Aggregate ……....	00280.15a
	Type 2 – Straw Bale	
	Type 3 – Biofilter Bag	
	Type 4 – Sand Bag	
	Type 5 – Prefabricated Check Dam System	
	Type 6 – Compost Filter Sock	
Chemical Dust Control	Type 1 – Liquid ……	00280.14c
	Type 2 – Dry	
Drainage Curb……		00280.15c
Flow Spreader ……		00280.15e
Inlet Protection	Type 1 – Sediment Fence ……....	00280.16d
	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 – Sod	
	Type 7 – Compost Filter Sock	
	Type 8 - Other	
Matting** – Slope		
	Type A - Slopes 1:3 or flatter - Clay Soil ……	00280.14e
	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 Liner		
	Type E - Shear Stress Range 0 – 96 Pascals (0 –2 lbs/sq ft) …….	00280.14e
	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:
http://www.txdot.gov/inside-txdot/division/maintenance/erosion-control.html

Erosion Control

Category	Remarks	Section
Mulches, Temporary ……..		00280.14d
Outlet Protection	Type 1 – In Channel …… Type 2 – End of Pipe Type 3 – Flocculent	00280.00
Plastic Sheeting ……..		00280.14a
Sediment Barrier, Temporary	Type 1 – Straw Bale …… Type 2 – BioFilter Bag Type 3 – Fiber Rolls (Wattles) Type 4 – Sand Bags Type 5 – Brush Barriers Type 6 – Filter Berm Type 7 – Pre-Fabricated Sediment Barrier Type 8 – Compost Filter Sock Type 9 – Compost Filter Berm	00280.16e
Sediment Fence …….....……		00280.16c
Sediment Mat ……..		00280.16f
Slope Drain, Temporary ……		00280.15d
Slope Protection	Type 1 – Soft Armoring …… Type 2 – Cellular Confinement Type 3 – Other	00390.00

Pavement Markings (1 of 2)

(7-16)

Longitudinal Durable Pavement Markings Section 00865.00

Category	Applications	Material
Method (A) Extruded	(S) Surface (P) Profile, 120 Mils w/ ½" bumps (G) Grooved (NP) Non-Profile	(1) Methyl Methacrylate (MMA) (2) Thermoplastic

Category	Applications	Material
Method (B) Sprayed	(S) Surface (P) Profile, 120 Mils w/ ½" bumps (G) Grooved (NP) Non-Profile	(1) Methyl Methacrylate (MMA) (2) Thermoplastic

Category	Applications
Method (C) Tape	Pavement Marking Tape – Rolled-In Non-Patterned Pavement Marking Tape – Rolled-In Patterned Pavement Marking Tape – Grooved Non-Patterned Pavement Marking Tape – Grooved Patterned Pavement Marking Tape – Rolled-In Patterned Wet Weather Pavement Marking Tape – Grooved Patterned Wet Weather

Category	Applications	Material
Method (D) Wet Weather	(S) Surface (P) Profile, 120 Mils w/ ½" bumps (G) Grooved (NP) Non-Profile	(1) Methyl Methacrylate (MMA) (2) Thermoplastic

Pavement Markings (2 of 2)

Longitudinal High Performance Pavement Markings 00866.00

Category	Applications	Material
Method 1 - Extruded	(S) Surface (G) Grooved	

	Applications	Material
Method 2 – Spray	(S) Surface (G) Grooved	Plural Component Hi-Build Paint Plural Component Wet Weather Hi-Build Paint Wet Weather

Transverse Durable Pavement Markings 00867.00

Category	Applications & Material
Type A	Liquid Hot Poured Thermoplastic with intermixed and top-dressed beads, 120 Mils
Type B	Preformed Fused Thermoplastic with intermixed beads, 125 Mils
Type B-HS	Preformed Fused Thermoplastic with intermixed beads, 125 Mils (HS= Hi Skid Resistance)

ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2016

STANDARD SPEC #	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 TODD PETREY 541/297-8655	02/10/00	1966	A	COVERS SIGN COMPLETELY NOT APPROVED FOR PERMANENT APPLICATIONS.
00225.11	SIGN COVERS RIDGE COVER	SIGN SHIELD	SIGN SHIELDS 503/704-1762	06/11/13	4658	A	COVERS SIGN COMPLETELY NOT APPROVED FOR PERMANENT APPLICATIONS.
00225.11	SIGN SHEETING - TYPE 04 RIGID - WORKZONE	ORALITE HI PRISMATIC SERIES 5930 CONSTRUCTION WORK ZONE	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	04/01/13	4548	A	WAS NAMED REFLEXITE
00225.11	SIGN SHEETING - TYPE 04 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 04 RIGID - WORKZONE ODOT TYPE O4 FLUORESCENT ORANGE	3-M SERIES 3924S ASTM D4956 TYPE VII & X	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	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 04 RIGID - WORKZONE ODOT TYPE O4 FLUORESCENT ORANGE	3-M SERIES 3954 ASTM D4956 TYPE IX	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	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 - TYPE 04 RIGID -WORKZONE ODOT TYPE 04	OMNICUBE T-11500 SERIES ASTM TYPE XI	AVERY DENNISION 240/925-6891	07/27/12	4502	A	WHITE, FLUO YELLOW FLUO YELLOW GREEN FOR USE IF ALLOWED. FLUO ORANGE IS ODOT STANDARD
00225.11	SIGN SHEETING - TYPE 04 RIGID -WORKZONE ODOT TYPE 04 FLUORSECENT ORANGE	OMNICUBE W-11514 FLUO ORANGE ASTM TYPE XI	AVERY DENNISON 240/925-6891	07/27/12	4501	A	
00225.11	SIGN SHEETING, ROLL-UP FOR ROLL-UP SIGNS	ORALITE FLUORESCENT PINK SUPERBRIGHT ROLL-UP SIGNS	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	06/11/09	3736	A	FOR INCIDENT RESPONSE CREWS ONLY. WAS NAMED REFLEXITE FLUORESCENT PINK SUPERBRIGHT

***LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.**
****LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**
LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

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00225.11	SIGN SHEETING, ROLL-UP FOR ROLL-UP SIGNS FLUORESCENT ORANGE	3-M DIAMOND GRADE FLEXIBLE ROLL-UP SERIES RS641 FLUORESCENT	3-M COMPANY TSSD 800/553-1380	04/13/16	4949	A	
00225.11	SIGN SHEETING, ROLL-UP FOR ROLL-UP SIGNS FLUORESCENT ORANGE	3-M RS24 ROLLUP SHEETING	3-M COMPANY TSSD 800/553-1380	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	ORALITE HIGH PERFORMANCE ROLL-UP SIGN UTILIZING MARATHON FLUORESCENCE	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	11/16/00	1821	A	HELD UP WELL IN OUR TESTS. WAS VERY VISIBLE IN POOR LIGHT CONDITIONS. HANDLE CAREFULLY. WAS NAMED REFLEXITE MARATHON
00225.11	SIGN SHEETING, ROLL-UP FOR ROLL-UP SIGNS FLUORESCENT PINK	3-M RS33 ROLLUP SHEETING	3-M COMPANY TSSD 800/553-1380	11/10/05	2950	A	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
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	A	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	DL-1003W	PACIFIC SAFETY SUPPLY 800-333-5641 MIKE BURKE 206/818-9277	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-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

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00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	PS-3000S	PACIFIC SAFETY SUPPLY 800-333-5641 MIKE BURKE 206/818-9277	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 800-333-5641 MIKE BURKE 206/818-9277	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
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	A	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	A	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 800-333-5641 MIKE BURKE 206/818-9277	04/10/03	2795	A	PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS. MEETS OUR SPECS. TESTED AT 12" ABOVE THE GROUND
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	WINDMASTER MODEL 4884KET	MDI 800/521-6776 DAVID HILLSTROM 248/553-1900 LANNIE HYDE 916/645-8686	03/23/15	4860	A	
00225.11	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	WINDMASTER MODEL 5012SSAL PT	MDI 800/521-6776 DAVID HILLSTROM 248/553-1900 LANNIE HYDE 916/645-8686	03/23/15	4859	A	

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00225.11B5	WORK ZONE TRAFFIC CONTROL	SQUARE TUBE SIGN SUPPORTS TEMPORARY		07/30/12		A	SEE SECTION 00930.00
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	COMBOCADE TYPE I BARRICADE	PLASTICADE 800/772-0355	07/27/12	4496	A	
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	ECONOCADE TYPE I BARRICADE	PLASTICADE 800/772-0355	07/27/12	4497	A	
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	A	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.
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.

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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	TYPE I ROADMARKER BARRICADE	Myers&Son Hi-Way Safety, Inc. Highway Safety Products Luke de Leon 714/348-7289	12/18/12	4573	A	
00225.12	BARRICADE, TEMP - TYPE 1	UNIVERSAL PLASTIC BARRICADE I	BENT MANUFACTURING 714/842-0600 OR 888/842-0600	11/10/05	2169	A	MEETS NCHRP 350 CAT 2.
00225.12	BARRICADE, TEMP - TYPE 1	WAFFLE BOARD PLASTIC PANEL BW1 MODEL# "BW1"	BENT MANUFACTURING 714/842-0600 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 714/842-0600 OR 888/842-0600	11/10/05	2170	A	MEETS NCHRP 350 CAT 2.
00225.12	BARRICADE, TEMP - TYPE 2	COMBOCADE TYPE II BARRICADE	PLASTICADE 800/772-0355	07/27/12	4496	A	
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	A	MFG TESTED TO NCHRP 350.
00225.12	BARRICADE, TEMP - TYPE 2	ECONOCADE TYPE II BARRICADE	PLASTICADE 800/772-0355	07/27/12	4497	A	
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.

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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	SAFETYCADE	WLI INDUSTRIES TOM BOYCE 708/932-4600	01/11/96	1423	A	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	Type II ROADMARKER BARRICADE	Myers&Son Hi-Way Safety, Inc. Highway Safety Products Luke de Leon 714/348-7289	12/18/12	4578	A	
00225.12	BARRICADE, TEMP - TYPE 2	UNIVERSAL PLASTIC BARRICADE II	BENT MANUFACTURING 714/842-0600 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 714/842-0600 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 714/842-0600 OR 888/842-0600	03/09/00	2170	A	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 714/842-0600 OR 888/842-0600	11/10/99	2007	A	NCHRP 350 CAT 2 APPROVED. STEEL UPRIGHTS W/WOOD PANELS. NO SIGNS AND/OR LIGHTS.

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00225.12	BARRICADE, TEMP - TYPE 3	DAVIDSON T3B BARRICADE	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 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.
00225.12	BARRICADE, TEMP - TYPE 3	PLASTICADE POWER POST	PLASTICADE 800/772-0355	07/10/14	4801	A	NO SIGNS OR LIGHTS
00225.12	BARRICADE, TEMP - TYPE 3	SENTINEL TYPE III 2604-HIP-KIT & 2606-HIP-KIT	PLASTICADE PROD. 800/772-0355 KEVIN HARLEY 520/247-5433	07/09/09	3427	A	2604 = 4'WIDE & 2606 = 6'WIDE. 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	BARRICADE, TEMP-TYPE 3	PLASTICADE TELESPAR TYPE III	PLASTICADE 847/583-4189	05/09/12	4424	A	SERIES 3500 TELESPAR FEET SERIES 3700 ANGLE IRON FEET 4', 6', 8' WIDTHS NO SIGNS OR LIGHTS

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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 TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	11/09/04	2487	A	MOUNTS TO THE SIDE OF BARRIER. ODOT RESEARCH PROJECT. IT IS ALUMINUM STRIPS WITH RETRO-REFLECTIVE SHEETS ON THE FACE.
00225.12	FENCING, WORKZONE DELINEATION	KC BARRICADE FENCE	KC WHOLESALE CONSTRUCTION PROD 206/850-8672	03/10/11	1486	A	ORANGE SAFETY / SNOW FENCE.
00225.12	FENCING, WORKZONE DELINEATION	PERIMETER PLUS X05650-001	CONWED PLASTICS 612/623-1700 GEOTK 888/708-8835	03/10/11	3147	A	
00225.12	FENCING, WORKZONE DELINEATION	PERIMETER PLUS X05650-002	CONWED PLASTICS 612/623-1700 GEOTK 888/708-8835	03/10/11	3306	A	
00225.12	FENCING, WORKZONE DELINEATION	PROTEX FENCE - SF2048L-12P	NORPLEX 253/735-3431 ACF WEST 800/878-5115	03/10/11	4324	A	
00225.12	FENCING, 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, 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	A	PLASTIC FENCE. MUST HAVE ADEQUATE SUPPORTS. 410/522-7000
00225.12	FENCING, WORKZONE DELINEATION	WARNING BARRIER FENCE # 14993	MUTUAL INDUSTRIES 800/523-0888 215/927-6000	07/12/07	3441	A	

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00225.12	GLARE SCREENS, TEMPORARY	ARROW GLARE SCREEN	ASSOCIATED THERMOFORMING, INC 970/532-2000 EXT. 203 FREEWAY SCREEN, LLC 714/585-3405	11/17/14	4766	A	
00225.12	GLARE SCREENS, TEMPORARY	GLARE SHIELDS, TEMPORARY		04/19/00		A	SEE SECTION 00822.00, GLARE SHIELDS.
00225.12	GUARDRAIL MTD REFLECTOR	GUARDRAIL MOUNTED REFLECTORS, TEMPORARY		04/19/00		A	SEE SECTION 00840.00, DELINEATORS, FLEXIBLE TYPE 4A, GUARDRAIL VERSION.
00225.12	IMPACT ATTENUATOR TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	UNIVERSAL TAU-II-R TL-3	LINDSAY TRANSPORTATION SOLUTIONS BARRIER SYSTEMS 707/374-6800	06/11/14	4771	Q	
00225.12	IMPACT ATTENUATOR TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	UNIVERSAL TAU-II-R TL-2	LINDSAY TRANSPORTATION SOLUTIONS BARRIER SYSTEMS 707/374-6800	06/11/14	4771	Q	
00225.12	IMPACT ATTENUATOR, HS TEMPORARY NCHRP 350 HS RE-DIRECTIVE, NON-GATING.	UNIVERSAL TAU-II (HS)	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	03/12/09	2961	A	FHWA APPROVED
00225.12	IMPACT ATTENUATOR, HS TEMPORARY NCHRP 350 TL-3	QUEST 115 SYSTEM	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	11/08/07	3555	A	IMPACT SPEEDS TO 70 MPH.
00225.12	IMPACT ATTENUATOR, HS TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	2005 FASTRACC	TRINITY INDUSTRIES, INC. MIKE MADDEN 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, TL2 TEMPORARY NCHRP 350 TL-2	QUADGUARD II	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3872	A	TESTED FOR IMPACT SPEEDS UP TO 45 MPH.

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00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING	2005 SHORTRACC (TL-2)	TRINITY INDUSTRIES, INC. MIKE MADDEN 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, TL2 TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING	SCI70GM	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100	01/11/07	3110	A	LOW MAINTENANCE UNIT. NARROW OR WIDE APPLICATIONS.
00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING	SHORTRACC (TL-2) WAS TRACC (TL-2)	TRINITY INDUSTRIES, INC. MIKE MADDEN 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, TL2 TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING	2005 WIDETRACC (TL-2)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/12/06	3155	A	TESTED FOR IMPACT SPEEDS UP TO 45 MPH.
00225.12	IMPACT ATTENUATOR, TL2 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, TL2 TEMPORARY, NARROW APPS. NCHRP 350 TL-2, GATING IMPACT SPEEDS TO 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, TL2 TEMPORARY, NARROW APPS. NCHRP 350 TL-2, GATING NON RE-DIRECTING	ACZ-350	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3854	A	WATER FILLED+ UPDATED 7/14 QPL
00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY, NARROW SYSTEM NCHRP 350 TL-2	NEAT	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	09/14/95	1327	A	TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. THIS PRODUCT IS NON-REDIRECTIVE AND HAS ALUMINUM CARTRIDGES.
00225.12	IMPACT ATTENUATOR, TL2 TEMPORARY, NARROW SYSTEM NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	QUEST 70 (TL-2)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	06/09/11	4372	Q	TESTED FOR IMPACT SPEEDS UP TO 45 MPH. THREE BAYS. ARRIVES FULLY ASSEMBLED.

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00225.12	IMPACT ATTENUATOR, TL2 TRUCK MOUNTED NCHRP 350 TL-2	ALPHA 70K	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	10/10/96	1549	A	TRUCK MTD. TESTED FOR IMPACT SPEEDS UP TO 45 MPH. FOLLOW THE MANUFACTURER'S INSTRUCTIONS.
00225.12	IMPACT ATTENUATOR, TL2 TRUCK MOUNTED NCHRP 350 TL-2	RENCO REN-GARD 815 TMA	RENCO SUPPLY 512/251-2421 JML SERVICES 916/635-3054	06/10/04	2704	A	FEDS OK'D TL-2 TESTING.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY MASH 2009 TL-3 RE-DRECTIVE, NON GATING	QUADGUARD M10	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	05/14/12	4492	Q	TESTED FOR SPEEDS UP TO 60 MPH WIIDTHS 90",69", 36",30", 24" 22' LENGTH
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3	QUADGUARD II	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3872	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3	QUEST 350	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	11/08/07	3138	A	WATCH REPAIR COSTS. BETTER FOR LOW HIT AREAS.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 GATING, NON RE-DIRECTIVE	CRASHGARD	PLASTIC SAFETY SYSTEMS 800/662-6338	08/14/08	3478	A	WATCH FOR INSERTS REQUIRED ON SOME UNITS. GET ARRAY LAYOUTS FROM THE MANUFACTURER.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 GATING, NON RE-DIRECTIVE	ENERGITE III	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	11/09/95	1297	A	CHECK STANDARD DRAWINGS FOR ARRAY LAYOUT. TEMP APPS ONLY. TESTED FOR SPEEDS TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 GATING, NON RE-DIRECTIVE	FITCH SAND FILLED MODULES LABELED AS "UNIVERSAL MODULE"	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	06/10/93	1028	A	CHECK STANDARD DRAWINGS FOR ARRAYS. TEMP APPS ONLY. TESTED FOR SPEEDS TO 60 MPH.
00225.12	IMPACT ATTENUATOR, TL3 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	GET LAYOUT ARRAYS FROM THE MANUFACTURER. TEMP APPS ONLY. TESTED FOR SPEEDS TO 60 MPH.

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00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING	SCI100GM	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100	01/11/07	2907	A	LOW MAINTENANCE UNIT. NARROW OR WIDE APPLICATIONS.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	2005 TRACC (TL-3)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	11/10/05	3153	A	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. 21' LONG. 30" WIDE.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	TRACC (TL-3)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	11/10/99	1902	A	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. 21' LONG. 32" WIDE.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	X-TENUATOR	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	05/12/11	4359	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH NARROW APPLICATIONS
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	2005 WIDETRACC (TL-3)	TRINITY INDUSTRIES, INC. MIKE MADDEN 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.
00225.12	IMPACT ATTENUATOR, TL3 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	A	FHWA APPROVED - 8 BAY SYSTEM.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	WIDETRACC	TRINITY INDUSTRIES, INC. MIKE MADDEN 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, TL3 TEMPORARY, NARROW APPS. NCHRP 350 TL-3, GATING IMPACT SPEED TO 60MPH	ABSORB 350 TL-3	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888	10/09/08	2336	A	DESIGNED FOR FRONT OF QUICK BARRIER. OK FOR QUICK CHANGE AND REGULAR BARRIER. USE APPROVED FLUIDS NEAR WATER.
00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY, NARROW APPS. NCHRP 350 TL-3, GATING NON RE-DIRECTING	ACZ-350	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3854	A	WATER FILLED UPDATED 7/14 QPL

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00225.12	IMPACT ATTENUATOR, TL3 TEMPORARY, NARROW SYSTEM NCHRP 350 TL-3	QUADGUARD CZ	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 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, TL3 TEMPORARY, NARROW SYSTEM NCHRP 350 TL-3	REACT 350 NARROW (TL3)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 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, TL3 TRUCK MOUNTED NCHRP 350 TL-3	ALPHA 100K	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/08/99	998	A	NCHRP 350.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	MPS 350 III and MPS 350 X	TRINITY INDUSTRIES, INC. MIKE MADDEN 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.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP 180 TMA #9180	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 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, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP 180 TMA #9181	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	04/14/05	2892	A	TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. FOLLOW MANUFACTURER'S INSTRUC.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP 180 TMA #9182	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 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, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP TMA - MODEL 8290	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 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, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP TMA - MODEL 8291	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3902	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH.

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00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SAFE-STOP TRAILER TMA	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	08/14/08	3262	A	TRAILER MOUNTED. MUST USE SUPPORT TRUCKS APPROX 20K LBS GVW OR HIGHER.
00225.12	IMPACT ATTENUATOR, TL3 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, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SCORPION TRAILER ATTENUATOR MODEL# 10002-TL-3	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	08/14/08	3541	A	TRAILER MOUNTED. MUST USE SUPPORT TRUCKS APPROX 20K LBS. GVW OR HIGHER.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	SS90	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	26/13/	4562	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	TTMA-100 TRAILER TMA	GREGORY INDUSTRIES 330/477-4800 EXT 158	04/14/11	4353	A	TRAILER MOUNTED. MUST USE SUPPORT TRUCKS APPROX 20K LBS GVW OR HIGHER.
00225.12	IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3	VORTEQ TL-3	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/10/08	3644	A	TRAILER MOUNTED. MUST USE SUPPORT TRUCKS APPROX 20K LBS GVW OR HIGHER.
00225.12	TRAFFIC SEPARATOR, CURB SURFACE MOUNTED TEMPORARY	FG336 EFX TUBE 2 3X9 HI OR FG 300 CURB SYSTEM OR	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	08/01/11	4439	A	
00225.12	TRAFFIC SEPARATOR, CURB SURFACE MOUNTED TEMPORARY	FG336 PE TUBE 2 3X9 HI OR FG 300 CURB SYSTEM OR	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	08/01/11	4440	A	
00225.12	TRAFFIC SEPARATOR, CURB SURFACE MOUNTED TEMPORARY	FG336 UR TUBE 2 3X9 HI OR0 FG 300 CURB SYSTEM OR	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	08/01/11	4441	A	

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00225.12H	PEDESTRIAN CHANNELIZING DEVICE (PCD)	SAFETY WALL SW-3674	PLASTIC SAFETY SYSTEMS INC 216/231/8590	06/13/11	4402	A	
00225.12H	PEDESTRIAN CHANNELIZING DEVICE (PCD)	STRONGWALL ADA PEDESTRIAN BARRICADE	PLASTICADE 800/772-0355	06/23/14	4748	A	
00225.12H	PEDESTRIAN CHANNELIZING DEVICE (PCD)	TPAR	PEXCO LLC- DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	06/10/13	4604	A	
00225.12H	PEDESTRIAN CHANNELIZING DEVICE (PCD)	YODOCK 2001	YODOCK 888/496-3625 CORAL SALES 800/538-7245	01/26/12	4561	A	
00225.12H	PEDESTRIAN CHANNELIZING DEVICE (PCD)	YODOCK 2001M	YODOCK 888/496-3625 CORAL SALES 800/538-7245	06/11/13	2652	A	
00225.13	BEADS, TEMPORARY FOR TEMPORARY PAINT	BEADS		12/04/08		A	SEE SECTION 00850.10 TRAFFIC PAINT, BEADS.
00225.13	MARKER, CONICAL TEMPORARY	WATCHTOWER STACKER CONE	PLASTICADE 800/772-0355	07/10/14	4800	A	
00225.13	MARKER, TUBULAR TEMPORARY	ECOFLEX RB	HIGHWAY SAFETY PRODUCTS 800/228-1701	01/21/14	4687	A	28", 36" TALL HI SHEETING
00225.13	MARKER, TUBULAR TEMPORARY	KNOB TOP DELINEATOR POST	HIGHWAY SAFETY PRODUCTS 800/228-1701	01/21/14	4689	A	39", 42" TALL HI SHEETING

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00225.13	MARKER, TUBULAR TEMPORARY	OPEN TOP DELINEATOR POST	HIGHWAY SAFETY PRODUCTS 800/228-1701	01/21/14	4688	A	39", 42" TALL HI SHEETING
00225.13	MARKERS, CONICAL TEMPORARY	C-42 6-4 HI WH 1ST-2ND / CB16	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100 RA LUCAS 562/799-6160	06/10/10	4131	A	42" TALL. 16 POUND BASE.
00225.13	MARKERS, CONICAL TEMPORARY	C-42 6-4 HI WH 1ST-2ND / CB30	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/669-0820 RA LUCAS 562/799-6160	06/10/10	4132	A	42" TALL. 30 POUND BASE.
00225.13	MARKERS, CONICAL TEMPORARY	GRABBER	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON	06/08/95	1210	A	43" TALL, USE 16# BASE. STACKABLE. HANDLE ON TOP
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	A	4" DIA. STACKABLE. THIS IS AN APPROVED CONICAL SHAPE. THE HEAVY 16# BASE IS REQ. 28" TALL.
00225.13	MARKERS, CONICAL TEMPORARY	NAVICADE TRAFFIC CHANNELIZING CONE	PLASTICADE 800/772-0355	07/27/12	4499	A	USE 16# BASE NO LIGHT ATTACHMENT
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	BASE: TD8000 (22LB)
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

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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, CONICAL TEMPORARY	TEAR DROP STACKABLE CHANNELIZR MODEL: TD42-1-6/4W-15	BENT MANUFACTURING 714/842-0600 OR 888/842-0600	05/13/10	4101	A	42" TALL.APPROVED FOR 15 POUND OCTAGONAL BASE.
00225.13	MARKERS, CONICAL TEMPORARY	T-TOP STACKABLE CHANNELIZER MODEL SC42-1-6/4W-15	BENT MANUFACTURING 714/842-0600 OR 888/842-0600	01/14/10	2168	Q	15 POUND BASE. 42" TALL
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	FLEXI-GUIDE 300 EFX MODEL: 8FG336FLOEFXODOT#1	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	12/09/10	4214	A	USE EPOXY ADHESIVE, NOT BUNDY. T-SHAPEED 36" FL ORANGE TUBE. USE ORANGE BASE. THE BLACK BASE IS WEAKER.
00225.13	MARKERS, TUBULAR SURFACE MOUNTED	SUPERDUCK	CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518	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	MARKERS, TUBULAR SURFACE MOUNTED 28" & 36" HEIGHT	DURAPOST	SAFE-HIT CORP. 888/323-6374 DAN MCCARTHY 760/295-2699	06/08/00	1182	A	100% URETHANE PLASTIC, PIN AT BASE HOLDS TOP ON. PRODUCT IS 3" DIA.
00225.13	MARKERS, TUBULAR TEMPORARY	ARROWTOP DELINEATOR (28") MODEL LA28 01 2HN-12A	CUSTOM-PAK 563/242-1801 SDI 541/686-9844	02/10/11	4293	A	THIS MODEL MET OUR SPECS. THE FIRST 28" MODEL WAS SHORT. 12 POUND RUBBER BASE.

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00225.13	MARKERS, TUBULAR TEMPORARY	ARROWTOP DELINEATOR (42") MODEL LA42 01 2HN-12	CUSTOM-PAK 563/242-1801 SDI 541/686-9844	08/13/09	3900	A	12 POUND BASE.
00225.13	MARKERS, TUBULAR TEMPORARY	BENT TUBULAR MARKER MODEL# D6-5	BENT MANUFACTURING 714/842-0600 OR 888/842-0600	05/01/88	1899	A	
00225.13	MARKERS, TUBULAR TEMPORARY	DELINEATOR TUBE DIAMOND TOP	JBC SAFETY 626/271-1980	01/28/15	4803	A	28" & 48" TALL USE 12# BASE
00225.13	MARKERS, TUBULAR TEMPORARY	DELINEATOR TUBE N-TOP II	JBC SAFETY 626/271-1980	01/28/15	4802	A	28" & 48" TALL USE 12# BASE
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.
00225.13	MARKERS, TUBULAR TEMPORARY	PLASTICADE OPEN TOP DELINEATOR	PLASTICADE 800/772-0355	06/11/13	4660	A	HI SHEETING
00225.13	MARKERS, TUBULAR TEMPORARY	PLASTICADE THE CLAW DELINEATOR	PLASTICADE 800/772-0355	07/10/14	4799	A	
00225.13	MARKERS, TUBULAR TEMPORARY	TD5000-504315 12 POUND BASE	THREE D TRAFFIC WORKS 877/843-9757	01/11/07	3281	A	ORANGE

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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 TEMPORARY	T-TOP DELINEATOR POST MODEL DT7: 28", 36", 39" & 42"	BENT MANUFACTURING 714/842-0600 OR 888/842-0600	11/16/00	2299	A	APPROVED FOR LENGTHS ALLOWED IN THE SPECS.
00225.13	MARKERS, TUBULAR TEMPORARY	WATCHTOWER DELINEATOR 28" & 48"	PLASTICADE 800/772-0355	06/30/15	4914	A	TYPE III OR HIGHER SHEETING
00225.13	PAINT, TEMPORARY FOR ASPHALT OR CONCRETE	PAINT		12/04/08		A	SEE SECTION 00860, TRAFFIC PAINT, STANDARD.
00225.13	PAVEMENT MARKER ADHESIVE TEMPORARY	PAVEMENT MARKER, TEMP, ADH		03/01/10		A	SEE SECTION 00855, PERMANENT PAVEMENT MARKER ADHESIVE.
00225.13	PAVEMENT MARKER, TEMPORARY	PAVEMENT MARKER, TEMPORARY		12/04/08		A	SEE SECTION 00855, PERMANENT PAVEMENT MARKERS.
00225.13	PAVEMENT MARKER, FLEXIBLE TEMPORARY CHIPSEAL / OVERLAY MARKER	APEX MODEL 932 FLEXIBLE MARKER MODELS: 1-W, 1-Y, & 2-Y	APEX UNIVERSAL 562/944-8878	11/11/10	4176	A	FOR ASPHALT TEMPS BELOW 325 DEGREES F.
00225.13	PAVEMENT MARKER, FLEXIBLE TEMPORARY CHIPSEAL / OVERLAY MARKER	TRPM DAVIDSON FLEXIBLE MARKER (TRPM OR TOM)	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 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. ASPHALT TEMPS UP TO 325 DEG F.
00225.13	PAVEMENT MARKER, FLEXIBLE TEMPORARY CHIPSEAL / OVERLAY MARKER	TRPM-HIGH HEAT FLEXIBLE MARKER (TRPM OR TOM)	PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	10/14/10	4169	A	FOR PAVEMENT MARKING PRIOR TO PERMANENT STRIPING. WITH AND W/O CLEAR COVER. REMOVE COVER. ASPHALT TEMPS OVER 325 DEG F.

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00225.13	PLASTIC DRUMS TEMPORARY	B400A/LD4-4HI-TB	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100 HIGHWAY TECHNOLOGIES 503/234-0255	02/12/09	3548	A	MUST USE TIRE RING BASE, THE RUBBER INSERTS ARE NOT OK. CATALOG# 2858 B400A 4-4HI TB
00225.13	PLASTIC DRUMS TEMPORARY	B500LC 4-6 HI/TB "LANE CHANGER"	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100 RA LUCAS 562/799-6160	01/13/11	4277	A	MUST USE TIRE RING BASE, THE RUBBER INSERTS ARE NOT OK.
00225.13	PLASTIC DRUMS TEMPORARY	DIRECTOR DRUM LD	LAKESIDE PLASTICS 920/235-4513 TRAFFIC SAFETY SUPPLY COMPANY 800/547-8518	04/13/16	4950	A	DIRECTOR BASE OR RUBBER TIRE BASE
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	A	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	A	LOW DENSITY REQUIRED. HI OR BETTER REQUIRED ON ALL DRUMS FOR JOBS BID AFTER JAN 1, 2005
00225.13	PLASTIC DRUMS TEMPORARY	PLASTICADE ECONOCADE II TRAFFIC DRUM	PLASTICADE 800/772-0355	06/10/13	4661	A	LOW DENISITY MODEL WITH HI SHEETING
00225.13	PLASTIC DRUMS TEMPORARY	RHINO CHANELIZER DRUM MODEL 454-LD-44-HI	PLASTICADE 800/772-0355	10/09/08	3426	A	TIRE RING BASE(S) ONLY.
00225.13	PLASTIC DRUMS TEMPORARY	SUPERDOME DRUM SD-44H-0-LDTR WITH SDBTR TIRE RING BASE	BENT MANUFACTURING 714/842-0600 OR 888/842-0600	08/13/09	3911	A	HI SHEETING. THIS IS THE LOW DENSITY VERSION. THE TIRE RING BASE SUPPLIED BY BENT IS THE ONLY APPROVED BASE.
00225.13	PLASTIC DRUMS TEMPORARY	SUPERDOME DRUM SD-44H-LD NO TIRE RING VERSION.	BENT MANUFACTURING 714/842-0600 OR 888/842-0600	12/10/98	1529	A	MIN BASE WT 25#. HI SHEETING. THIS IS LOW DENSITY VERSION. TIRE RING BASES ARE NOT APPROVED ON THIS UNIT (6/09).

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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.
00225.13	REFLECTIVE SHEETING-BARRI ASTM D4956-TYPE III PRISMATIC	AURA 150	AURA OPTICAL SYSTEMS, L.P. 801/668-3439	06/10/13	4610	A	FOR BARRICADES
00225.13	REFLECTIVE SHEETING-BARRI ASTM D4956-TYPE III/VI PRISMATIC	3-M SERIES 334/336	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/08/06	2951	A	FOR BARRICADES. PLASTIC TYPES NEED SPECIAL PREP APPROVED BY 3-M PRIOR TO SHEETING INSTALLATION.
00225.13	REFLECTIVE SHEETING-BARRI ASTM D4956-TYPE IV. PRISMATIC	AVERY DENNISON W-6100 & W-6200	AVERY DENNISON 800/327-5917	06/11/09	2348	A	PRISMATIC - TYPE IV. W-6100: PLASTIC; W-6200: WOOD
00225.13	REFLECTIVE SHEETING-DRUMS ASTM D4956 TYPE IV PRISMATIC	ORALITE RESILIENCE CHANNELIZER	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	07/25/12	4510	A	FOR TUBES AND DRUMS WAS REFLEXITE RESILIENT C86 WHITE & FLUORESENT ORANGE
00225.13	REFLECTIVE SHEETING-DRUMS ASTM D4956 TYPE IV. PRISMATIC	HI IMPACT CHANNELIZER TAPE	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	01/11/07	1748	A	
00225.13	REFLECTIVE SHEETING-DRUMS ASTM D4956-TYPE III ENCAPSULATED LENS (BEADED)	3-M SERIES 3810/3814	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/08/06	2589	A	FOR TUBES AND DRUMS ONLY.
00225.13	REFLECTIVE SHEETING-DRUMS ASTM D4956-TYPE III. MICRO PRISMATIC	AVERY DENNISON WR6100 & WR6104	AVERY DENNISON 800/327-5917	05/13/10	3589	A	WHITE: WR6100; ORANGE: WR6104. DESIGNED FOR REBOUNDABLE SUBSTRATES. UPDATED 03/14

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00225.13	REFLECTIVE SHEETING-TUBES FOR TUBULAR MARKERS	ORALITE CONFORM-A-LIGHT DELINEATION SHEETING	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	12/09/99	1747	A	WAS NAMED REFLEXITE
00225.13	REFLECTIVE SHEETING-TUBES FOR TUBULAR MARKERS PRISMATIC	ORALITE RESILIENCE CHANNELIZER	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	07/25/12	4510	A	FOR TUBES AND DRUMS WAS REFLEXITE RESILIENT C86 WHITE & FLUORESENT ORANGE
00225.13	TAPE, NON-REFLECTIVE TEMPORARY, REMOVABLE	3-M A145 REMOVABLE BLACK TAPE	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	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	3-M SERIES 715 Temporary Tape	3-M COMPANY TSSD 800/553-1380 503/309-9160	07/20/12	4484	A	
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 TECH: 888/375-1293 TAPE: GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	05/12/05	2838	A	BLACK NON-REFLECTIVE TAPE.
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 / 781WR WHITE: 780WR, YELLOW: 781WR.	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	07/10/08	3366	A	HAS WET WEATHER ATTRIBUTES.

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00225.13	TAPE, TEMPORARY REMOVABLE	BRITE-LINE 100	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	08/10/06	788	A	VERY STRONG. TEMP MUST BE 60F & UP WITH CLEAN, DRY SURFACE. TAPE PULLED STRAIGHT UP TO REMOVE, NO HEAT, SOLVENTS, ETC.
00225.13	TAPE, TEMPORARY REMOVABLE	BRITE-LINE DELTALINE TWR	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	10/14/10	4105	A	
00225.13	TAPE, TEMPORARY REMOVABLE	DIRECTOR 2WR	SWARCO INDUSTRIES 931/388-5900 MARK COLOMBO: 314/729-7197 MFG: 254/562-9879 TECH: 314/729-7197	08/13/09	3920	A	PROMISES WET WEATHER RETRO.
00225.13	TAPE, TEMPORARY TEMPORARY, REMOVABLE	3-M SERIES 710,711 Temporary Tape	3-M COMPANY TSSD 800/553-1380 503/309-9160	07/20/12	4484	A	
00225.13I	TRANSVERSE RUMBLE STRIPS TEMPORARY	ROADQUAKE 2 TEMPORARY PORTABLE RUMBLE STRIP	PLASTIC SAFETY SYSTEMS 216/244-3207	07/27/12	4489	A	SPEEDS OF 65MPH OR LESS
00225.13I	TRANSVERSE RUMBLE STRIPS TEMPORARY	ROADQUAKE 2F FOLDING PORTABLE RUMBLE STRIP	PLASTIC SAFETY SYSTEMS 216/244-3207	03/18/14	4749	A	SPEEDS OF 75MPH OR LESS
00225.13I	TRANSVERSE RUMBLE STRIPS TEMPORARY	RUMBLE TOUGH	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	04/21/15	4878	A	SPEEDS OF 75MPH OR LESS
00225.15	TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT	ADDCO PTS-2000	ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683 TRAFFIC SAFETY 800/547-8518	01/12/06	1586	Q	PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.
00225.15	TRAFFIC SIGNAL, PORTABLE 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 PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.

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00225.15	TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT	MODEL PTL 2.4X	NORTH AMERICA TRAFFIC 877/352-4626	10/09/08	3683	Q	PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.
00225.15	TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT	RC FLAGMAN PTL 2.4	NORTH AMERICA TRAFFIC 877/352-4626	02/08/07	3297	Q	PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.
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 757/223-7522	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	SOLAR MESSAGE CENTER SMC 1000ST	WORK AREA PROTECTION (SCI) 800/327-4417 RA LUCAS 562/799-6160	09/12/12	4517	A	2012 DEMO
00225.16	PCMS / PVMS - TRAILER 3 LINE 8 CHARACTERS LED	CMS T-331	AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12	09/12/12	4515	A	2012 DEMO
00225.16	PCMS / PVMS - TRAILER 3 LINE DISPLAY	WTLMB (A)	WANCO, INC. 800/972-0755	09/12/12	4519	A	2012 DEMO
00225.16	PCMS / PVMS - TRAILER FULL MATRIX LED	CMS T-333	AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12	09/12/12	4516	A	2012 DEMO
00225.16	PCMS / PVMS - TRAILER SOLAR - 3 LED'S PER PIXEL	SILENT MESSENGER MB-1548-OR	SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600	01/12/06	3217	A	PASSED 10/6/05 DEMO.

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00225.16	PCMS / PVMS - TRAILER SOLAR - 3 LED'S PER PIXEL	SILENT MESSENGER MB-3048-OR	SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600	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 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600	01/12/06	2190	A	PASSED 3/14/00 DEMO. DID NOT ATTEND DEMO 9/24/02. PASSED 10/6/05 DEMO. OKAY TO USE.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	ADDCO DH-1000-ALS LED-ODOT	ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683 TRAFFIC SAFETY 800/547-8518	10/10/02	1649	A	PASSED 9/24/02 DEMO.
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	A	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	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	SUNRAY 390 - 2165033	NATIONAL SIGNAL 888/994-0300	12/10/09	3227	A	PASSED 10/6/05 DEMO.
00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	SUNRAY SOLAR 380 - 2165650	NATIONAL SIGNAL 888/994-0300	12/10/09	2663	A	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.

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00225.16	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	VER-MAC PCMS 1210OR	VER-MAC 888/488-7446	06/10/04	2983	A	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	WANCO WTMMB-SLL (A)-08	WANCO, INC. 800/972-0755	07/09/09	3861	A	OFFICIAL DEMO: 5-20-09 OK.
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.
00225.16	PCMS / PVMS - TRAILER SOLAR - HYBRID W/2 LED'S	ADDCO DH-1000-SLD LED-ODOT	ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683 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 - 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	ADDCO 2 LINE #VM-4X2H	ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683	09/09/10	3862	A	FAILED 5/20/09 DEMO, BUT AFTER A CLOSER LOOK IT WAS APPROVED.
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.

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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	TM-248	WANCO, INC. 800/972-0755	10/10/02	2673	A	PASSED 9/24/02 DEMO. PRODUCTION CEASED: PRIOR TO 3/30/11.
00225.16	PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL	WMRTP-2	WANCO, INC. 800/972-0755	10/10/02	2668	A	PASSED 9/24/02 DEMO. PRODUCT LINE DISCONTINUED IN 2004.
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	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 3 LINES-3 LED'S PER PIXEL	SILENT MESSENGER MB-722-448	SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600	10/10/02	2656	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL	ADDCO 3 LINE #VM-6X2V	ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683	07/09/09	3863	A	OFFICIAL DEMO 5/20/09: OK.
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	A	PASSED 9/24/02 DEMO.
00225.16	PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL	LITEREADER 1030F-4W-1 ID# 3221A	LITESYS INC. / INTELICOM, INC. 406/388-9317	04/09/09	3221	A	PAPERWORK LOOKS OKAY, DEMO ON 3/9/09. MODIFIED VERSION OF 1030F-4W TO CORRECT PROBLEMS.

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00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C"	ARROWMASTER PROLINE 25 LIGHTt	WORK AREA PROTECTION (SCI) 800/327-4417 RA LUCAS 562/799-6160	09/12/12	4522	A	2012 DEMO
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C".	ADDCO AB-25	ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683 TRAFFIC SAFETY 800/547-8518	07/09/09	3665	A	PAPERWORK LOOKS OK, DEMO WAS OKAY ON 5-20-09.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C".	ARO-LITE CURVE - 2165652	NATIONAL SIGNAL 888/994-0300	07/09/09	3867	A	OFFICAL DEMO: 5/20/09 - OK.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C".	VER-MAC ST4825	VER-MAC 888/488-7446	08/11/05	3000	A	PASSED DEMO 2011
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C".	WANCO WTSP 75-LSAC-08	WANCO, INC. 800/972-0755	07/09/09	3860	A	OFFICIAL DEMO: 5-20-09 OK.
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C".	WECO SOLAR ARROW BOARD	WANCO, INC. 800/972-0755	09/12/12	4521	A	2012 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	A	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 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. PRODUCTION CEASED: 2/27/09
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. PRODUCTION CEASED: PRIOR TO 3/30/11.

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00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	ARROWMASTER IV MODEL# WAAW 25SB	WORK AREA PROTECTION (SCI) 800/327-4417	06/11/98	1571	A	LED - SOLAR POWER. 25 LIGHT VERSION. PRODUCTION CEASED: PRIOR TO 3/30/11
00225.16	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	SILENT SENTINEL	SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600	01/14/93	932	A	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 888/994-0300 888/994-0300 DIST: CANTEL OF MEDFORD JOHN HUGHES, 541/773-2765	12/10/98	1801	A	UNIT IS SOLAR POWERED ELECTRONIC FLASHING ARROW. PRODUCTION CEASED: 7/0/09.
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	SMART WORK ZONE VENDOR	ASTI	ASTI TRANSPORTATION SYSTEMS 302/328-3220	09/09/10	4071	A	ELEVATED, TRAILER-MOUNTED, MICROWAVE / BLUETOOTH SENSORS.
00225.16C	SMART WORK ZONE VENDOR	ICONE	ICONE PRODUCTS 315/626-6800	05/12/11	3674	A	GROUND-MOUNTED, DOPPLER RADAR SENSORS WITHIN PORTABLE TRAFFIC DRUMS.
00225.16C	SMART WORK ZONE VENDOR	JAMLOGIC PTS	VER-MAC 888/488-7446	08/11/11	4075	A	ELEVATED, TRAILER-MOUNTED, DOPPLER/ MICROWAVE/ BLUETOOTH SENSORS.
00225.17	FLAGGER STATION LIGHTING TEMPORARY	FLEX 4000 WATT	AIRSTAR SPACE LIGHTING 800/217-9001 X3	12/21/12	4584	A	ONLY TWO METAL HALIDE LIGHTS ENERGIZED FOR FLAGGER LIGHTING
00225.17	FLAGGER STATION LIGHTING TEMPORARY	GLOBUG - MODEL GB2000 LIGHT TOWER	MULTIQUIP 800/421-1244 CESSCO 800/882-4959	12/14/15	4854	A	ONLY THE BALLOON LIGHT WILL BE ENERGIZED FOR FLAGGER LIGHTING

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00225.17	FLAGGER STATION LIGHTING TEMPORARY	MAGNUM MLT3060DOT	MAGNUM PRODUCTS 800/926-9768 UNITED RENTALS 920/279-6366	08/13/09	3933	A	TRAILER MOUNTED. HAS BOTH FLAGGER & CONSTRUCTION LAMPS. THE HI POWER LAMPS ARE NOT FOR FLAGGER STATIONS.
00225.17	FLAGGER STATION LIGHTING TEMPORARY	MAGNUM MLT4060DOT	MAGNUM PRODUCTS 800/926-9768 UNITED RENTALS 920/279-6366	08/13/09	3934	A	TRAILER MOUNTED. HAS BOTH FLAGGER & CONSTRUCTION LAMPS. THE HI POWER LAMPS ARE NOT FOR FLAGGER STATIONS.
00225.17	FLAGGER STATION LIGHTING TEMPORARY	MOON-GLO LIGHT TOWER CONVERSION	MOON-GLO WORK LIGHT Tom Schuh 503/931-3650	12/21/12	4585	A	ONLY THE BALLOON LIGHT WILL BE ENERGIZED FOR FLAGGER LIGHTING
00225.17	FLAGGER STATION LIGHTING TEMPORARY	MOON-GLO WORK LIGHT 1000	MOON-GLO WORK LIGHT TOM SCHUH 503/931-3650	10/14/10	4212	A	TRAILERS RECONDITIONED TO MEET OUR SPEC, AT HIS FACILITY. 1000 WATT BT37 METAL HALIDE LAMPS.
00225.17	FLAGGER STATION LIGHTING TEMPORARY	MOON-GLO WORK LIGHT 2000	MOON-GLO WORK LIGHT TOM SCHUH 503/931-3650	10/14/10	4213	A	TRAILERS RECONDITIONED TO MEET OUR SPEC, AT HIS FACILITY. 1000 WATT BT37 METAL HALIDE LAMPS.
00225.17	FLAGGER STATION LIGHTING TEMPORARY	TUBELIGHT LIGHT TOWER	MAGNUM PRODUCTS 800/926-9768 UNITED RENTALS 920/279-6366	01/21/14	4673	A	TRAILER MOUNTED. HAS DIFFUSE LIGHT FOR FLAGGER & CONSTRUCTION LAMPS. CONSTRUCTION LAMPS ARE NOT FOR FLAGGER STATIONS.
00225.18	AFAD - RED & YELLOW LENS	AUTOMATED FLAGGER AF-100	Synergy Technology, LLC 704/849-7891 Far West Inc. 503/430-1407	08/20/12	4512	A	REMOTE CONTROL FLAGGER DEVICE. HAS ARM THAT COMES DOWN. 2 LITE SIGNAL HEAD. RED/YELLOW TRAILER MOUNTED/2 Trailer Tow
00225.18	AFAD - RED & YELLOW LENS	INTELLISTROBE W1-AG	INTELLISTROBE 417/883-7720	02/12/09	3125	A	TRIPOD MOUNTED UNIT. HAS ARM THAT COMES DOWN. 2 LITE SIGNAL HEAD. RED/YELLOW
00225.18	AFAD - RED & YELLOW LENS	INTELLISTROBE W1-AG/TM	INTELLISTROBE 417/883-7720	02/12/09	3362	A	REMOTE CONTROL FLAGGER DEVICE. HAS ARM THAT COMES DOWN. 2 LITE SIGNAL HEAD. RED/YELLOW TRAILER MOUNTED.

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00225.18	AFAD - RED & YELLOW LENS	RC FLAGMAN RCF 2.4	NORTH AMERICA TRAFFIC 877/352-4626	02/12/09	2984	A	REMOTE CONTROL FLAGGER DEVICE. HAS ARM THAT COMES DOWN. 2 LITE SIGNAL HEAD. RED/YELLOW TRAILER MOUNTED
00225.18	RADAR SPEED TRAILER TYPE I	18" DRIVER FEEDBACK TRAILER SYSTEM	MOR MANUFACTURING 208/770-3101 CORAL SALES 503/655-6351	03/12/15	4875	A	DEMO 3/12/15
00225.18	RADAR SPEED TRAILER TYPE II	FULL MATRIX DRIVER FEEDBACK TRAILER	FORTEL TRAFFIC 714/701-9800 CORAL SALES 503/655-6351	06/16/16	4942	A	DEMO 6/16/16
00225.18	RADAR SPEED TRAILER TYPE II	PRODIGY 33L PACESETTER	MONITOR SYSTEMS 888/819-7023 4S SIGN, LLC 541/928-5858	02/13/14	4700	A	DEMO 2/13/14
00225.27	FLAGGER STOP/SLOW PADDLE FLASHING	BLINKER PADDLE	TAPCO 800/236-0112 TRAFFIC SAFETY 800/547-8518	08/14/05	3008	A	HAS LIGHTS AROUND THE PERIMETER ON BOTH SIDES.
00225.27	FLAGGER STOP/SLOW PADDLE LIGHTED - HAND HELD	TRAFF-ALERT 18 (TA18AXTP)	SAFECO 480/290-5220	04/08/10	4097	A	HAND HELD UNIT.
00225.27	FLAGGER STOP/SLOW PADDLE LIGHTED - POLE MOUNTED	TRAFF-ALERT 18 (TA18AX6SP)	SAFECO 480/290-5220	04/08/10	4099	A	POLE MOUNTED.
00225.27	FLAGGER STOP/SLOW PADDLE ROLL-UP, NON-FLASHING EMERGENCY USE ONLY	FAN-A-SIGN MODEL MR18	SPORTNIKS, INC. 505/508-1901	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	A	USES 3-M DIAMOND GRADE SHEETING. PASSED RETRO TESTS. FOR EMERGENCY USE ONLY. DURABILITY MAY BE A QUESTION.

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00280.00	OUTLET PROTECTION- TYPE 3 FLOCCULENT	CHITOVAN LIQUID (ACETATE) 1%	DUNGENESS ENVIRONMENTAL 206/730-5370 ACF WEST 800/878-5115 CSI GEOSYNTHETICS 800/426-7976	09/11/10	3837	A	
00280.00	OUTLET PROTECTION- TYPE 3 FLOCCULENT	HYDROPAM	EVONIK STOCKHAUSEN336/335-3871 INNOVATIVE TURF 513/317-8311	03/11/10	1854	A	
00280.00	OUTLET PROTECTION- 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.
00280.00	OUTLET PROTECTION- 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.
00280.00	OUTLET PROTECTION -TYPE 3	HYDROPAM L	EVONIK STOCKHAUSEN336/335-3991 INNOVATIVE TURF 513/317-8311	03/11/10	3969	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	AIRTROL GEOBINDER	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594 HANES GEO COMPONENTS 800/324-4595	07/09/09	3905	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	DUST ARMOUR	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3904	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	DUST STOP	CYPHER INTERNATIONAL LTD. 204/489-1214	01/10/08	3173	A	MFG CLAIMS NATURAL POLYSACCHARIDES.
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	DUSTFLOC	FIBER MARKETING 800/426-6002	04/09/09	3268	A	

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00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	ENVIROPAM	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	A	WAS NAMED HYDRAPAM
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	HYDROPAM	EVONIK STOCKHAUSEN336/335-3871 INNOVATIVE TURF SOLUTIONS 513/317-8311	03/11/10	1854	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	NATURESOWN TRIPLE TAC	HAMILTON MANUFACTURING 208/733-9689	02/10/11	4201	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	NATURESOWN X9000	HAMILTON MANUFACTURING 208/733-9689	02/10/11	4204	A	AGRICULTURAL FIBERS AND WOOD CELLULOSE FIBERS. HYDR APPLIED POLYMER BASED TAC
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	PAM 12	ENCAP 877/405-5050 MEADOWLAND SEED 877/463-2369	12/11/08	3545	A	PAPER/STRAW WITH TACKIFIER.
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2 (TACKIFIER ONLY)	CLIFFHANGER TACK	QUATTRO ENVIRONMENTAL 619/522-0044	04/11/02	2446	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2 (TACKIFIER)	J-3000 GUAR	RECLAMARE COMPANY ED JOHNSON 206/824-2385	10/14/10	1577	A	ACCEPTABLE AS A TACKING AGENT. DURATION: LONG TERM 3-5 MONTHS ORGANIC. MAIN COMPONENT: GUAR.
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2 (W/TACKIFIER)	NATURESOWN EVOLUTION	HAMILTON MANUFACTURING 208/733-9689	02/10/11	4203	A	AGRICULTURAL FIBERS AND WOOD CELLULOSE FIBERS. HYDR APPLIED GUAR BASED TAC
00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1	EARTH BIND 100	ENVIROAD 208/392-4549	05/14/09	3673	A	POSSIBLE PROBLEMS IN S.C. PER APEL (4/06).

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00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1	ENVIROPAM(L) LIQUID	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	A	WAS NAMED HYDRAPAM (L)
00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1	HYDROPAM L	EVONIK STOCKHAUSEN336/335-3871 INNOVATIVE TURF SOLUTIONS 513/317-8311	03/11/10	3969	A	
00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1	SOIL TAC	SOILWORKS 800/545-5420	04/14/05	2939	A	
00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1	TERRAVEST	FISCHBACH AND MORE, LLC ROBERT FISCHBACH, 509/325-2882	07/13/06	3140	A	POLYBUTADIENE 1,3
00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1	TOP SEAL	SOILS CONTROL INTERNATIONAL 817/526-5550	05/14/09	1650	A	
00280.14C	CHEMICAL DUST CONTROL-WET TYPE 1 (SYNTHETIC)	ATLAS SOIL LOK	QUATTRO ENVIRONMENTAL 619/522-0044	11/08/01	2444	A	HAS BEEN SUCCESSFUL WHEN USED IN COMBINATION WITH MULCH AND SOIL CONDITIONER.
00280.14D	MULCHES TEMPORARY	RAINIER FIBER	RAINIER VENEER INC FIBER MARKETING INT INC 206/459/4942	02/16/11	4346	A	
00280.14D	MULCHES TEMPORARY W/TACK	RAINIER FIBER + TAC	RAINIER VENEER INC FIBER MARKETING INT INC 206/459/4942	02/16/11	4347	A	
00280.14D	MULCHES, TEMPORARY	AIRTROL GEOBINDER	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3905	A	

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00280.14D	MULCHES, TEMPORARY	BINDEX BLEND	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4565	A	60% WOOD FIBER 40% RECYCLED PAPER
00280.14D	MULCHES, TEMPORARY	BINDEX WOOD	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4566	A	WOOD FIBERS
00280.14D	MULCHES, TEMPORARY	CELLULOSE FIBER HYDRO MULCH	CELLULOSE FIBER 253/627-8008	04/14/05	2929	A	100% PAPER FIBER.
00280.14D	MULCHES, TEMPORARY	CONWED 1000	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	07/13/06	3316	A	
00280.14D	MULCHES, TEMPORARY	CONWED 2000	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	03/13/08	3611	A	WOOD FIBER W/3% GUAR GUM TACKIFIER
00280.14D	MULCHES, TEMPORARY	EARTH BARRIER MBFM	AGRIVESTMENTS 253/383-5014	08/14/08	3670	A	
00280.14D	MULCHES, TEMPORARY	ECO MATRIX	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	04/10/08	3267	A	SLOPES UP TO 2.5H TO 1V.
00280.14D	MULCHES, TEMPORARY	ECOFIBRE + TAC	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	04/10/08	3231	A	WOOD FIBER MULCH WITH AN ORGANIC TACKIFIER.
00280.14D	MULCHES, TEMPORARY	ECOFIBRE HYDROSEEDING MULCH	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	04/10/08	1307	A	MAIN COMPONENT: WOOD FIBER. ORGANIC. WITHOUT TACKIFIER.

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00280.14D	MULCHES, TEMPORARY	ENVIRO-BLANKET MULCH W/AIRTROL WOOD FIBER HYDRAULIC MULCH	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3907	A	
00280.14D	MULCHES, TEMPORARY	ENVIRO-BLANKET WOOD FIBR MULCH HYDRAULIC MULCH	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3906	A	
00280.14D	MULCHES, TEMPORARY	ENVIROPAM	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	A	WAS NAMED HYDRAPAM
00280.14D	MULCHES, TEMPORARY	ENVIROPAM(L) LIQUID	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	A	WAS NAMED HYDRAPAM (L)
00280.14D	MULCHES, TEMPORARY	ENVIRO-SHIELD BONDED FIBER MATRIX	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	12/11/08	3533	A	HYDRAULICALLY APPLIED MULCH.
00280.14D	MULCHES, TEMPORARY	EXCEL FIBERMULCH II	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/14/02	2625	A	ON TEXAS DOT QPL.
00280.14D	MULCHES, TEMPORARY	GEOSKIN	MULCH & SEED INNOVATION 205/540-5775	08/13/09	3897	A	85% STRAW & 15% COTTON PLANT MATERIAL.
00280.14D	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.
00280.14D	MULCHES, TEMPORARY	GROUNDCONTROL HY-C1 STRAW & COTTON	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4618	A	HYDRAULICALLY APPLIED

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00280.14D	MULCHES, TEMPORARY	GROUNDCONTROL HY-C3 STRAW & COTTON	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4619	A	HYDRAULICALLY APPLIED
00280.14D	MULCHES, TEMPORARY	HYDRA CM STEEP SLOPE MATRIX	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632	11/11/10	4265	A	70% STRAW & 20% RECLAIMED COTTON FIBER.
00280.14D	MULCHES, TEMPORARY	HYDROSPRAY	CELLULOSE FIBER 253/627-8008 EMERALD SEED & SUPPLY 503/254-8414	11/09/06	3063	A	INSTALL PER 01030.48(A)3.
00280.14D	MULCHES, TEMPORARY	HYDROSTRAW ALL IN 1 BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 RON EDWARDS	07/09/15	4899	A	
00280.14D	MULCHES, TEMPORARY	HYDROSTRAW BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 RON EDWARDS	11/11/10	4164	A	
00280.14D	MULCHES, TEMPORARY	HYDROSTRAW GUAR PLUS FORMULA	HYDROSTRAW 800/545-1755 RON EDWARDS	11/11/10	4165	A	3% GUAR
00280.14D	MULCHES, TEMPORARY	MAT-FIBER	MAT, INC. 800/976-2340 CSI GEOSYNTHETICS 800/426-7976	01/13/05	2981	A	WOOD FIBER FOR HYDRO SEEDING
00280.14D	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.
00280.14D	MULCHES, TEMPORARY	NATURE'S OWN MULCH W/O TAC	HAMILTON MANUFACTURING 208/733-9689	03/12/98	1727	A	MAIN COMPONENT: CELLULOSE FIBER - PAPER/WOOD. ORGANIC. W/O TACKIFIER. RECYCLED PAPER/WOOD FIBER.

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00280.14D	MULCHES, TEMPORARY	NATURESOWN MULCH W/TAC	HAMILTON MANUFACTURING 208/733-9689	02/27/12	4450	A	
00280.14D	MULCHES, TEMPORARY	PAM 12	ENCAP 877/405-5050 MEADOWLAND SEED 877/463-2369	12/11/08	3545	A	PAPER/STRAW WITH TACKIFIER.
00280.14D	MULCHES, TEMPORARY	PERMAMATRIX BIOTIC SOIL AMENDM	SUNMARK ENVIRONMENTAL 503/241-7333	11/11/10	4218	A	
00280.14D	MULCHES, TEMPORARY	TACKIFIBERS	QUATTRO ENVIRONMENTAL 619/522-0044	04/11/02	2447	A	
00280.14D	MULCHES, TEMPORARY	TERRA MULCH	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	11/09/06	3317	A	SLOPES UP TO: 2H : 1V
00280.14D	MULCHES, TEMPORARY	TERRA-MATRIX SM STABILIZED FIBER MATRIX	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	02/08/07	3416	A	WOOD FIBER
00280.14D	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.
00280.14D	MULCHES, TEMPORARY	WOODSTRAW	FOREST CONCEPTS 877/838-4759	12/13/07	3587	A	
00280.14D	MULCHES, TEMPORARY ORGANIC	FERTI-FIBERS NUTRIMULCH	QUATTRO ENVIRONMENTAL 619/522-0044	11/08/01	2443	A	EFFECTIVE WHEN USED WITH TACKIFIER, SOIL CONDITIONERS, AND SOIL STABILIZERS.

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00280.14D	MULCHES, TEMPORARY TACKIFIER	EARTH BIND 100	ENVIROAD 208/392-4549	05/14/09	3673	A	POSSIBLE PROBLEMS IN S.C. PER APEL (4/06).
00280.14D	MULCHES, TEMPORARY TACKIFIER	ECO E-TAC	APEX RESOURCES 502/254-3118 FIBER MARKETING 425/277-9966	07/13/06	3265	A	
00280.14D	MULCHES, TEMPORARY TACKIFIER	ECOTAC GUAR GG-1200	FIBER MARKETING 800/426-6002	04/09/09	3232	A	TAC ONLY, ORGANIC HYDROCOLLOID
00280.14D	MULCHES, TEMPORARY TACKIFIER	FIBERRX	HYDROSTRAW 800/545-1755 RON EDWARDS	01/21/14	4685	A	FOR USE WITH HYDRAULICALLY APPLIED
00280.14D	MULCHES, TEMPORARY TACKIFIER	FMI POWER TACK	APEX RESOURCES 502/254-3118 FIBER MARKETING 425/277-9966	07/13/06	3269	A	
00280.14D	MULCHES, TEMPORARY TACKIFIER	M-BINDER	GRANITE SEED CO. 801/768-4422	04/14/05	2886	A	
00280.14D	MULCHES, TEMPORARY TACKIFIER	TERRAVEST	FISCHBACH AND MORE, LLC ROBERT FISCHBACH, 509/325-2882	07/13/06	3140	A	POLYBUTADIENE 1,3
00280.14D	MULCHES, TEMPORARY W/ TACKIFIER	BINDEX BLEND WT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4564	A	60% WOOD FIBER 40% RECYCLED PAPER
00280.14D	MULCHES, TEMPORARY W/ TACKIFIER	BINDEX WOOD WT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4567	A	WOOD FIBERS

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00280.14D	MULCHES, TEMPORARY W/O TACKIFIER	NATURESOWN EVOLUTION 70	HAMILTON MANUFACTURING 208/733-9689	02/10/11	4202	A	AGRICULTURAL FIBERS AND WOOD CELLULOSE FIBERS. HYDR APPLIED
00280.14D	MULCHES, TEMPORARY W/TACKIFIER	NATURESOWN EVOLUTION	HAMILTON MANUFACTURING 208/733-9689	02/10/11	4203	A	AGRICULTURAL FIBERS AND WOOD CELLULOSE FIBERS. HYDR APPLIED GUAR BASED TAC
00280.14D	MULCHES, TEMPORARY W/TACKIFIER	NATURESOWN X9000	HAMILTON MANUFACTURING 208/733-9689	02/10/11	204	A	AGRICULTURAL FIBERS AND WOOD CELLULOSE FIBERS. HYDR APPLIED POLYMER BASED TAC
00280.14D	MULCHING TEMPORARY	NATURESOWN EVOLUTION 70	HAMILTON MANUFACTURING INC 208/733/9689	08/04/11	4202	Q	
00280.14E	MATTING - TYPE A SLOPE	AEC PREMIER COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3521	A	COCONUT
00280.14E	MATTING - TYPE A SLOPE	AEC PREMIER STRAW SINGLE NET	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	3326	A	WHEAT STRAW AND POLY NETTING
00280.14E	MATTING - TYPE A SLOPE	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3520	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE A SLOPE	AIRTROL GEOBINDER	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3905	A	
00280.14E	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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00280.14E	MATTING - TYPE A SLOPE	ARMORFLEX OPEN CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3575	A	
00280.14E	MATTING - TYPE A SLOPE	ARMORFLEX TAPERED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3591	A	
00280.14E	MATTING - TYPE A SLOPE	CURLEX I	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	09/12/02	2619	A	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.14E	MATTING - TYPE A SLOPE	CURLEX I CL	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	04/08/10	4112	A	EXCELSIOR WITH POLY NET
00280.14E	MATTING - TYPE A SLOPE	EARTHGUARD FIBER MATRIX	TERRA NOVO, INC. 661/747-5956	01/08/09	2972	A	ON TEXAS DOT QPL. SPRAY W/ WOOD CELLULOSE FIBER
00280.14E	MATTING - TYPE A SLOPE	ECOAEGIS	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	04/10/08	1548	A	BONDED WOOD & SYNTHETIC FIBERS HYDRAULICALLY APPLIED.
00280.14E	MATTING - TYPE A SLOPE	ECS-1	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4616	A	
00280.14E	MATTING - TYPE A SLOPE	ENVIRO-SHIELD BONDED FIBER MTX	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3533	A	
00280.14E	MATTING - TYPE A SLOPE	EROSION CONTROL BLANKET S 31	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4842	A	

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00280.14E	MATTING - TYPE A SLOPE	EROSION CONTROL BLANKET C 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4847	A	
00280.14E	MATTING - TYPE A SLOPE	EROSION CONTROL BLANKET EX 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4841	A	
00280.14E	MATTING - TYPE A SLOPE	EROSION CONTROL BLANKET EX 31	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4840	A	
00280.14E	MATTING - TYPE A SLOPE	EROSION CONTROL BLANKET C 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	05/01/15	4848	A	
00280.14E	MATTING - TYPE A SLOPE	EROSION CONTROL BLANKET S 31 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4843	A	
00280.14E	MATTING - TYPE A SLOPE	EROSION CONTROL BLANKET SC 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE A SLOPE	EROSION CONTROL BLANKET S 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4844	A	
00280.14E	MATTING - TYPE A SLOPE	EROSION CONTROL BLANKET S 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4845	A	
00280.14E	MATTING - TYPE A SLOPE	EROSION CONTROL BLANKET SC 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/13/15	4849	A	

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00280.14E	MATTING - TYPE A SLOPE	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER
00280.14E	MATTING - TYPE A 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
00280.14E	MATTING - TYPE A SLOPE	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE A SLOPE	EXCEL R-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3402	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE A SLOPE	EXCEL S-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3302	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE A SLOPE	EXCEL SR-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3403	A	STRAW
00280.14E	MATTING - TYPE A SLOPE	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.14E	MATTING - TYPE A SLOPE	FLEXTERRA HP-FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	02/10/11	4205	A	FLEXIBLE GROWTH MEDIUM HYDRAULICALLY APPLIED. RECYCLED THERMALLY REFINED WOOD FIBERS.
00280.14E	MATTING - TYPE A SLOPE	FUTURA EROSION CONTROL BLANKET	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	10/12/06	1689	A	NON-WOVEN MULCH BLANKET, WOOD & SYNTHETIC FIBERS.

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00280.14E	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.
00280.14E	MATTING - TYPE A SLOPE	GREENSOLUTIONS DNS-2	INDUSTRIAL FABRICS, INC JAMIE COLLINS 225/273-9600 GREENSOLUTIONS 318/741-5791	07/09/15	4907	A	DOUBLE NET STRAW BLANKET
00280.14E	MATTING - TYPE A SLOPE	HYDRA CX2	NORTH AMERICAN GREEN 800/772-2040	05/14/09	3532	A	
00280.14E	MATTING - TYPE A SLOPE	HYDRO-BLANKET BFM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	07/13/06	3318	A	WOOD FIBER
00280.14E	MATTING - TYPE A SLOPE	HYDROSTRAW BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 ED LEE	11/11/10	4164	A	
00280.14E	MATTING - TYPE A SLOPE	LANDLOK 1051	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4546	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE A SLOPE	LANDLOK 435	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4544	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE A SLOPE	LANDLOK 450	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4545	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE A SLOPE	LANDLOK C2	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4543	A	COCONUT FIBER

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00280.14E	MATTING - TYPE A SLOPE	LANDLOK CS2	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4542	A	70% WHEAT STRAW 30% COCONUT FIBER
00280.14E	MATTING - TYPE A SLOPE	LANDLOK S1	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	11/26/12	4540	A	WHEAT STRAW
00280.14E	MATTING - TYPE A SLOPE	LANDLOK S2	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4541	A	WHEAT STRAW
00280.14E	MATTING - TYPE A SLOPE	NORTH AMERICAN GREEN S150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/89	297	A	WHEAT STRAW
00280.14E	MATTING - TYPE A SLOPE	NORTH AMERICAN GREEN S150BN	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632 ACF WEST 800/878-5115	07/10/97	1381	A	STRAW FIBER COVERED WITH TWISTED PAPER YARN NETTING. 100% BIO-DEGRADABLE.
00280.14E	MATTING - TYPE A SLOPE	NORTH AMERICAN GREEN S75 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632 ACF WEST 800/878-5115	03/15/89	1835	A	100% WHEAT STRAW
00280.14E	MATTING - TYPE A SLOPE	NORTH AMERICAN GREEN S75BN	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632 ACF WEST 800/878-5115	07/10/97	1380	A	STRAW FIBER CONVERED WITH BIO-DEGRADABLE NETTING. 100% BIO-DEGRADABLE.
00280.14E	MATTING - TYPE A SLOPE	NORTH AMERICAN GREEN SC150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/98	1836	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE A SLOPE	PREMIER STRAW BLANKET - DOUBLE	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	2623	A	ON THE TEXAS QPL. STRAW AND POLY NETTING

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00280.14E	MATTING - TYPE A SLOPE	PYRAMAT	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4547	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE A SLOPE	S1000 SINGLE NET STRAW BLANKET	ENVIROSCAPE ECM 888/550-1999	05/14/09	3817	A	WHEAT STRAW
00280.14E	MATTING - TYPE A SLOPE	SOIL GUARD	MAT, INC. 800/976-2340 (WAS WEYERHAEUSER UNTIL 12/99)	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED.
00280.14E	MATTING - TYPE A SLOPE HYDRAULICALLY APPLIED	BINDEX BFM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4563	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE A SLOPE HYDRAULICALLY APPLIED	FLEXTERRA FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	11/09/06	3319	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE A SLOPE HYDRAULICALLY APPLIED	PROMATRIX ENGINEERED FIBER MATRIX	PROFILE PRODUCTS, LLC 847/215-3454 ACF WEST 503/771-5115	09/19/12	4506	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE B SLOPE	AEC PREMIER COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3521	A	COCONUT
00280.14E	MATTING - TYPE B SLOPE	AEC PREMIER STRAW SINGLE NET	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	3326	A	WHEAT STRAW AND POLY NETTING
00280.14E	MATTING - TYPE B SLOPE	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3520	A	70% WHEAT STRAW & 30% COCONUT.

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00280.14E	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
00280.14E	MATTING - TYPE B SLOPE	ARMORFLEX OPEN CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3575	A	
00280.14E	MATTING - TYPE B SLOPE	ARMORFLEX TAPERED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3591	A	
00280.14E	MATTING - TYPE B SLOPE	CURLEX I	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	09/12/02	2619	A	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.14E	MATTING - TYPE B SLOPE	CURLEX I CL	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	04/08/10	4112	A	EXCELSIOR WITH POLY NET
00280.14E	MATTING - TYPE B SLOPE	EARTHGUARD FIBER MATRIX	TERRA NOVO, INC. 661/747-5956	01/08/09	2972	A	ON TEXAS DOT QPL. SPRAY W/ WOOD CELLULOSE FIBER
00280.14E	MATTING - TYPE B SLOPE	ECS-1	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4616	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET S 31 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4843	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET S 31	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4842	A	

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00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET C 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4847	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET S 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4845	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET SC 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/13/15	4849	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET SC 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET EX 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4841	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET S 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4844	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET EX 31	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4840	A	
00280.14E	MATTING - TYPE B SLOPE	EROSION CONTROL BLANKET C 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	05/01/15	4848	A	
00280.14E	MATTING - TYPE B SLOPE	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER

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00280.14E	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.
00280.14E	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
00280.14E	MATTING - TYPE B SLOPE	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE B SLOPE	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.14E	MATTING - TYPE B SLOPE	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	A	POLYFIBER
00280.14E	MATTING - TYPE B SLOPE	EXCEL R-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3402	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE B SLOPE	EXCEL S-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3302	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE B SLOPE	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.14E	MATTING - TYPE B SLOPE	FLEXTERRA HP-FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	02/10/11	4205	A	FLEXIBLE GROWTH MEDIUM HYDRAULICALLY APPLIED. RECYCLED THERMALLY REFINED WOOD FIBERS.

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00280.14E	MATTING - TYPE B SLOPE	FUTURA EROSION CONTROL BLANKET	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	10/12/06	1689	A	NON-WOVEN MULCH BLANKET, WOOD & SYNTHETIC FIBERS.
00280.14E	MATTING - TYPE B SLOPE	GREENSOLUTIONS DNS-2	INDUSTRIAL FABRICS, INC JAMIE COLLINS 225/273-9600 GREENSOLUTIONS 318/741-5791	07/09/15	4907	A	DOUBLE NET STRAW BLANKET
00280.14E	MATTING - TYPE B SLOPE	HYDRA CX2	NORTH AMERICAN GREEN 800/772-2040	05/14/09	3532	A	
00280.14E	MATTING - TYPE B SLOPE	LANDLOK S1	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	11/26/12	4540	A	WHEAT STRAW
00280.14E	MATTING - TYPE B SLOPE	NORTH AMERICAN GREEN S150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/89	297	A	WHEAT STRAW
00280.14E	MATTING - TYPE B SLOPE	NORTH AMERICAN GREEN S75 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632 ACF WEST 800/878-5115	03/15/89	1835	A	100% WHEAT STRAW
00280.14E	MATTING - TYPE B SLOPE	NORTH AMERICAN GREEN SC150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/98	1836	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE B SLOPE	PREMIER STRAW BLANKET - DOUBLE	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	2623	A	ON THE TEXAS QPL. STRAW AND POLY NETTING
00280.14E	MATTING - TYPE B SLOPE	S1000 SINGLE NET STRAW BLANKET	ENVIROSCAPE ECM 888/550-1999	05/14/09	3817	A	WHEAT STRAW

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STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE B SLOPE	SOIL GUARD	MAT, INC. 800/976-2340 (WAS WEYERHAEUSER UNTIL 12/99)	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED.
00280.14E	MATTING - TYPE B SLOPE HYDRAULICALLY APPLIED	BINDEX BFM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4563	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE B SLOPE HYDRAULICALLY APPLIED	FLEXTERRA FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	11/09/06	3319	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE B SLOPE HYDRAULICALLY APPLIED	PROMATRIX ENGINEERED FIBER MATRIX	PROFILE PRODUCTS, LLC 847/215-3454 ACF WEST 503/771-5115	09/19/12	4506	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE C SLOPE	AEC PREMIER COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3521	A	COCONUT
00280.14E	MATTING - TYPE C SLOPE	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3520	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE C SLOPE	AIRTROL GEOBINDER	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3905	A	
00280.14E	MATTING - TYPE C SLOPE	COCOFLEX ET-FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	03/12/09	3803	A	EXTENDED TERM FLEXIBLE GROWTH MEDIUM. WOOD & COCONUT.
00280.14E	MATTING - TYPE C SLOPE	CURLEX ENFORCER	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.

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00280.14E	MATTING - TYPE C SLOPE	CURLEX I	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	2619	A	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.14E	MATTING - TYPE C SLOPE	ECOAEGIS	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	04/10/08	1548	A	BONDED WOOD & SYNTHETIC FIBERS HYDRAULICALLY APPLIED.
00280.14E	MATTING - TYPE C SLOPE	ECS-2	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4615	A	
00280.14E	MATTING - TYPE C SLOPE	ENVIRO-SHIELD BONDED FIBER MTX	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3533	A	
00280.14E	MATTING - TYPE C SLOPE	EROSION CONTROL BLANKET S 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4844	A	
00280.14E	MATTING - TYPE C SLOPE	EROSION CONTROL BLANKET S 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4845	A	
00280.14E	MATTING - TYPE C SLOPE	EROSION CONTROL BLANKET EX 31	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4840	A	
00280.14E	MATTING - TYPE C SLOPE	EROSION CONTROL BLANKET SC 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE C SLOPE	EROSION CONTROL BLANKET C 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4847	A	

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00280.14E	MATTING - TYPE C SLOPE	EROSION CONTROL BLANKET C 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	05/01/15	4848	A	
00280.14E	MATTING - TYPE C SLOPE	EROSION CONTROL BLANKET SC 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/13/15	4849	A	
00280.14E	MATTING - TYPE C SLOPE	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER
00280.14E	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
00280.14E	MATTING - TYPE C SLOPE	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE C SLOPE	EXCEL S-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3302	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE C SLOPE	EXCEL SR-1	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3403	A	STRAW
00280.14E	MATTING - TYPE C SLOPE	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.14E	MATTING - TYPE C SLOPE	FLEXTERRA HP-FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	02/10/11	4205	A	FLEXIBLE GROWTH MEDIUM HYDRAULICALLY APPLIED. RECYCLED THERMALLY REFINED WOOD FIBERS.

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00280.14E	MATTING - TYPE C SLOPE	FUTURA EROSION CONTROL BLANKET	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	10/12/06	1689	A	NON-WOVEN MULCH BLANKET, WOOD & SYNTHETIC FIBERS.
00280.14E	MATTING - TYPE C SLOPE	GEOJUTE	BELTON INDUSTRIES 800/225-4099 BOB MORAN ACF WEST 800/878-5115	10/11/01	2490	A	WOVEN JUTE. BIODEGRADEABLE.
00280.14E	MATTING - TYPE C SLOPE	GREENSOLUTIONS DNS-2	INDUSTRIAL FABRICS, INC JAMIE COLLINS 225/273-9600 GREENSOLUTIONS 318/741-5791	07/09/15	4907	A	DOUBLE NET STRAW BLANKET
00280.14E	MATTING - TYPE C SLOPE	HYDRA CM STEEP SLOPE MATRIX	NORTH AMERICAN GREEN 800/772-2040	11/11/10	4265	A	70% STRAW & 20% RECLAIMED COTTON FIBER.
00280.14E	MATTING - TYPE C SLOPE	HYDRA CX2	NORTH AMERICAN GREEN 800/772-2040	05/14/09	3532	A	
00280.14E	MATTING - TYPE C SLOPE	HYDRO-BLANKET BFM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	07/13/06	3318	A	WOOD FIBER
00280.14E	MATTING - TYPE C SLOPE	HYDROSTRAW ALL IN 1 BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 RON EDWARDS	07/09/15	4899	A	
00280.14E	MATTING - TYPE C SLOPE	HYDROSTRAW BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 ED LEE	11/11/10	4164	A	
00280.14E	MATTING - TYPE C SLOPE	NORTH AMERICAN GREEN S150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/89	297	A	WHEAT STRAW

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00280.14E	MATTING - TYPE C SLOPE	NORTH AMERICAN GREEN S75 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632 ACF WEST 800/878-5115	03/15/89	1835	A	100% WHEAT STRAW
00280.14E	MATTING - TYPE C SLOPE	NORTH AMERICAN GREEN SC150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/98	1836	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE C SLOPE	PREMIER STRAW BLANKET - DOUBLE	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	2623	A	ON THE TEXAS QPL. STRAW AND POLY NETTING
00280.14E	MATTING - TYPE C SLOPE	S2000 DOUBLE NET STRAW BLANKET	ENVIROSCAPE ECM 888/550-1999	06/11/09	3855	A	WHEAT STRAW
00280.14E	MATTING - TYPE C SLOPE	SOIL GUARD	MAT, INC. 800/976-2340 (WAS WEYERHAEUSER UNTIL 12/99)	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED.
00280.14E	MATTING - TYPE C SLOPE HYDRAULICALLY APPLIED	BINDEX BFM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4563	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE C SLOPE HYDRAULICALLY APPLIED	FLEXTERRA FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	11/09/06	3319	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE D SLOPE	AEC PREMIER COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3521	A	COCONUT
00280.14E	MATTING - TYPE D SLOPE	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	3520	A	70% WHEAT STRAW & 30% COCONUT.

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00280.14E	MATTING - TYPE D SLOPE	COCOFLEX ET-FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	03/12/09	3803	A	EXTENDED TERM FLEXIBLE GROWTH MEDIUM. WOOD & COCONUT.
00280.14E	MATTING - TYPE D SLOPE	CURLEX ENFORCER	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.14E	MATTING - TYPE D SLOPE	CURLEX I	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	2619	A	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.14E	MATTING - TYPE D SLOPE	CURLEX II CL	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/13/08	3711	A	
00280.14E	MATTING - TYPE D SLOPE	CURLEX NET FREE	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/13/08	3712	A	
00280.14E	MATTING - TYPE D SLOPE	ECS-2	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4615	A	
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET S 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4845	A	
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET SC 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET EX 31	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4840	A	

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00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET C 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	05/01/15	4848	A	
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET SC 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/13/15	4849	A	
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET S 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4844	A	
00280.14E	MATTING - TYPE D SLOPE	EROSION CONTROL BLANKET C 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4847	A	
00280.14E	MATTING - TYPE D SLOPE	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER
00280.14E	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.
00280.14E	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
00280.14E	MATTING - TYPE D SLOPE	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE D SLOPE	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS

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00280.14E	MATTING - TYPE D SLOPE	EXCEL S-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3302	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE D SLOPE	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.14E	MATTING - TYPE D SLOPE	FLEXTERRA HP-FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	02/10/11	4205	A	FLEXIBLE GROWTH MEDIUM HYDRAULICALLY APPLIED. RECYCLED THERMALLY REFINED WOOD FIBERS.
00280.14E	MATTING - TYPE D SLOPE	FUTURA EROSION CONTROL BLANKET	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115 AGRIVESTMENT 253/383-5014	10/12/06	1689	A	NON-WOVEN MULCH BLANKET, WOOD & SYNTHETIC FIBERS.
00280.14E	MATTING - TYPE D SLOPE	GREENSOLUTIONS DNS-2	INDUSTRIAL FABRICS, INC JAMIE COLLINS 225/273-9600 GREENSOLUTIONS 318/741-5791	07/09/15	4907	A	DOUBLE NET STRAW BLANKET
00280.14E	MATTING - TYPE D SLOPE	GROUNDCONTROL HY-C3 STRAW & COTTON	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4619	A	HYDRAULICALLY APPLIED
00280.14E	MATTING - TYPE D SLOPE	GROUNDCONTROL HY-C4 STRAW & COTTON	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4620	A	HYDRAULICALLY APPLIED
00280.14E	MATTING - TYPE D SLOPE	HYDRA CM STEEP SLOPE MATRIX	NORTH AMERICAN GREEN 800/772-2040	11/11/10	4265	A	70% STRAW & 20% RECLAIMED COTTON FIBER.
00280.14E	MATTING - TYPE D SLOPE	HYDRA CX2	NORTH AMERICAN GREEN 800/772-2040	05/14/09	3532	A	

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00280.14E	MATTING - TYPE D SLOPE	NORTH AMERICAN GREEN S150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/89	297	A	WHEAT STRAW
00280.14E	MATTING - TYPE D SLOPE	NORTH AMERICAN GREEN SC150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/98	1836	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE D SLOPE	PREMIER STRAW BLANKET - DOUBLE	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	10/11/07	2623	A	ON THE TEXAS QPL. STRAW AND POLY NETTING
00280.14E	MATTING - TYPE D SLOPE	S2000 DOUBLE NET STRAW BLANKET	ENVIROSCAPE ECM 888/550-1999	06/11/09	3855	A	WHEAT STRAW
00280.14E	MATTING - TYPE D SLOPE	SOIL GUARD	MAT, INC. 800/976-2340 (WAS WEYERHAEUSER UNTIL 12/99)	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED.
00280.14E	MATTING - TYPE D SLOPE HYDRAULICALLY APPLIED	BINDEX BFM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/10/12	4563	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE D SLOPE HYDRAULICALLY APPLIED	FLEXTERRA FGM	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	01/08/09	3319	A	HYDRAULICALLY APPLIED WOOD FIBER
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	AEC PREMIER STRAW DOUBLE NET	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	01/09/12	4527	A	STRAW
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	01/09/12	3520	A	70% WHEAT STRAW & 30% COCONUT.

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00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	CURLEX ENFORCER	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	CURLEX II (STITCHED)	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	09/12/02	2620	A	ASPEN EXCELSIOR WITH POLYPROPLENE NETTING
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	CURLEX III (STITCHED)	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/12/02	2621	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	ECP-2 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4852	A	
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	ECP-3 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4853	A	
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET S 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4844	A	
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET EX 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4850	A	
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET EX 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4841	A	
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET SC 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/13/15	4846	A	

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00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET S 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4844	A	
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET PC 42	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/20/15	4851	A	
00280.14E	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
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL CS-3	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3396	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	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
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	A	POLY FIBERS
00280.14E	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

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00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	EXCEL SS-2	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3303	A	STRAW
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	KOIRMAT 700	NEDIA ENTERPRISES 888/725-6999	05/14/09	3718	A	
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C125BN	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	11/08/07	3565	A	BIODEGRADABLE JUTE COCONUT
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C350	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	07/10/97	1378	A	COCONUT
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN S150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	03/15/98	297	A	WHEAT STRAW
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	RECYCLEX - TRM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	2618	A	ARTIFICAL FIBER (SODA BOTTLES)
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	T-RES HIGH PERFORMANCE TRM	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4617	A	
00280.14E	MATTING - TYPE E SLOPE	EROSION CONTROL BLANKET C 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	05/01/15	4848	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	AEC PREMIER STRAW DOUBLE NET	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	01/09/12	4527	A	STRAW

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00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	AEC PREMIER STRAW/COCONUT	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	01/09/12	3520	A	70% WHEAT STRAW & 30% COCONUT.
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	CURLEX ENFORCER	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	CURLEX III (STITCHED)	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	12/12/02	2621	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	ECP-2 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4852	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	ECP-3 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4853	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET EX 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4841	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET C 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4847	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET EX 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4850	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET SC 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/13/15	4849	A	

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00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET PC 42	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/20/15	4851	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET SC 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/13/15	4846	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3399	A	COCONUT FIBER
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	A	POLY FIBERS
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL SD-3	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3398	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	KOIRMAT 700	NEDIA ENTERPRISES 888/725-6999	05/14/09	3718	A	
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	LANDLOK 435	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4544	A	TURF REINFORCEMENT MAT

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00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	LANDLOK 450	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4545	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	LANDLOK C2	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4543	A	COCONUT FIBER
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	LANDLOK CS2	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4542	A	70% WHEAT STRAW 30% COCONUT FIBER
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	LANDLOK S2	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4541	A	WHEAT STRAW
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C125BN	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	11/08/07	3565	A	BIODEGRADABLE JUTE COCONUT
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN C350	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	07/10/97	1378	A	COCONUT
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	NORTH AMERICAN GREEN S150 STRAW MATS	NORTH AMERICAN GREEN 800/772-2040 OR 812/687-6632 ACF WEST 800/878-5115	03/15/89	297	A	WHEAT STRAW
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	RECYCLEX - TRM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	2618	A	ARTIFICAL FIBER (SODA BOTTLES)
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	T-RECS HIGH PERFOMANCE TRM	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4617	A	

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00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	CURLEX ENFORCER	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/14/02	2637	A	ASPEN EXCELSIOR WITH POLY NETTING ON BOTH SIDES.
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	ECP-2 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4852	A	
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	ECP-3 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4853	A	
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET EX 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4850	A	
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET EX 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4841	A	
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET PC 42	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/20/15	4851	A	
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	A	POLY FIBERS

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STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	KOIRMAT 700	NEDIA ENTERPRISES 888/725-6999	05/14/09	3718	A	
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	RECYCLEX - TRM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	2618	A	ARTIFICAL FIBER (SODA BOTTLES)
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	RECYCLEX TRM-V	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	01/09/12	4528	A	TURF REINFORCEMENT MAT PERMANENT 100% RECYCLED
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	T-RES HIGH PERFORMANCE TRM	EAST COAST EROSION CONTROL 610/488-8496	02/13/15	4617	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	ECP-2 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4852	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	ECP-3 POLYPROPYLENE TURF REINFORCEMENT MAT (TRM)	EAST COAST EROSION BLANKETS 610/488-8496 LAYFIELD COPORATION 800/796-6868	02/13/15	4853	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET PC 42	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/20/15	4851	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET EX 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4850	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET P42 TRM	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC	11/13/08	3701	A	

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00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	12/14/06	3304	A	POLYFIBER
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EXCEL PP5-12	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3401	A	SYNTHETIC FIBERS
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EXCEL PP5-8	WESTERN EXCELSIOR 800/967-4009 GEOTK 360/750-1955	02/08/07	3400	A	POLY FIBERS
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	LANDLOK 1051	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4546	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	PYRAMAT	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC 503/771-5115	10/29/12	4547	A	TURF REINFORCEMENT MAT
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	RECYCLEX - TRM	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	2618	A	ON THE TEXAS QPL. ARTIFICAL FIBER (SODA BOTTLES)
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	RECYCLEX TRM-V	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	01/09/12	4528	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	T-RES HIGH PERFORMANCE TRM	EAST COAST EROSION CONTROL 610/488-8496	02/13/15	4617	A	
00280.14E	SLOPE MATTING TYPE B & D	GEOJUTE PLUS	BELTON INDUSTRIES INC 800/225/4099 ACF WEST INC 503/771/5115	06/30/11	2490	Q	NOT FOR USE AS TYPE A & C

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00280.15A	CHECK DAM, TYPE 3	CURLEX SEDIMENT LOG	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	05/08/08	2624	A	
00280.15A	CHECK DAM, TYPE 3	CURLEX SFW WATTLES	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	02/13/15	4863	A	
00280.15A	CHECK DAM, TYPE 3	FILTREXX FILTERSOXX DITCHCHEXX	FILTREXX INTERNATIONAL 440/926-2607	12/08/05	3257	A	
00280.15A	CHECK DAM, TYPE 3	GRABHORN BIO FILTER BAG	GRABHORN, INC. 503/628-1866	11/12/09	2430	A	
00280.15A	CHECK DAM, TYPE 3	RICE STRAW FIBER ROLL	KRISTAR ENTERPRIS 800/579-8819	11/09/06	2634	A	STANDARD DRAWING RD1005
00280.15A	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	A	
00280.15A	CHECK DAM, TYPE 5	GEOBALE	GEOHAY 864/472-7000	12/13/07	3579	A	
00280.15A	CHECK DAM, TYPE 5	GEOFILTER	GEOHAY 864/472-7000	12/13/07	3580	A	
00280.15A	CHECK DAM, TYPE 5	GEO-RIDGE	NILEX 303/766-2000 ACF WEST 800/878-5115	04/14/05	2357	A	OK FOR REDUCING VELOCITITES, BUT NOT AS A CHECK DAM ALONE. MUST USE IN CONJUCNTION WITH A MATTING OR OTHER GROUND COVER.

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00280.15A	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.
00280.15A	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
00280.15A	CHECK DAM, TYPE: OTHER STRAW WATTLE	PERMALOK/PERMEATEX STRAW WATTL	NORTHWEST LININGS & GEOTEXTILE 253/867-5366	10/14/10	4194	A	RICE STRAW
00280.15A	INLET PROTECTION - TYPE 4	CURLEX SFW WATTLES	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	02/13/15	4863	A	
00280.15D	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.
00280.16C	SEDIMENT FENCE -UNSUPPORT	LP-30 POCKETED SEDIMENT FENCE	PROPEX 800/621-1273 ACF WEST 800/878-5115	09/14/06	2959	A	
00280.16C	SEDIMENT FENCE -UNSUPPORT	MIKE'S PROD POCKETD SILT FENCE	MIKE'S PRODUCTS 503/439-2379 RESPONSIVE SUPPLY 503/804-7860	04/08/10	3996	A	
00280.16C	SEDIMENT FENCE -UNSUPPORT UN-SUPPORTED	TERRATEX SF-D 3606-B48D	HANES GEO COMPONENTS 800-324-4594	02/10/11	3734	A	
00280.16C	SEDIMENT FENCE-UNSUPPORT	GEOTK 190 SF POCKETED	GEOTK, LLC 360/750-1955	01/21/14	4603	A	

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00280.16D	INLET PROTECTION - TYPE 1	BASIN WORK'R ECO	MIKE'S PRODUCTS 503/256-5607	07/24/15	4885	A	
00280.16D	INLET PROTECTION - TYPE 1	ENVIRO STRAW 9" STRAW WATTLE	ENVIRO-STRAW 208/270-1225	01/21/14	4703	A	
00280.16D	INLET PROTECTION - TYPE 1	MIKE'S PROD POCKETD SILT FENCE	MIKE'S PRODUCTS 503/256-5607 RESPONSIVE SUPPLY 503/804-7860	04/08/10	3996	A	
00280.16D	INLET PROTECTION - TYPE 3	BASIN WORK'R ECO	MIKE'S PRODUCTS 503/256-5607	07/24/15	4885	A	
00280.16D	INLET PROTECTION - TYPE 3	DANDY CURB BAG	DANDY PRODUCTS, INC 800/591-2284 SPILL CONTROL, INC 800/300-1649	11/17/14	4814	A	DESIGNED FOR 250 GPM/FTSQ
00280.16D	INLET PROTECTION - TYPE 3	DANDY CURB SACK	DANDY PRODUCTS, INC 800/591-2284 SPILL CONTROL, INC 800/300-1649	11/17/14	4810	A	DESIGNED FOR 250 GPM/FTSQ
00280.16D	INLET PROTECTION - TYPE 3	DANDY SACK	DANDY PRODUCTS, INC 800/591-2284 SPILL CONTROL, INC 800/300-1649	11/17/14	4812	A	DESIGNED FOR 250 GPM/FTSQ
00280.16D	INLET PROTECTION - TYPE 3	DRAIN BAGS	SPILL CONTROL,INC 800/300-1649	10/24/12	4539	A	
00280.16D	INLET PROTECTION - TYPE 3	DREAM STREAM GCDOTFB-3624	THE GATE COMPANY 360/273-5802 MANARK PRODUCTS 360/790-9271	10/14/10	4174	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED

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00280.16D	INLET PROTECTION - TYPE 3	FLEXSTORM INLET FILTER	INLET & PIPE PROTECTION 866/287-8655 ADVANCED DRAINAGE SYSTEMS 800/821-6710	04/08/10	3965	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	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	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	MIKE'S PRODUCTS BASIN WORK'R	MIKE'S PRODUCTS 503/256-5607 RESPONSIVE SUPPLY 503/804-7860	04/08/10	3995	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	NON-WOVEN SILT SACK	ACF ENVIRONMENTAL DAVID KELLY 800/448-3636	02/10/05	2958	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	REGULAR FLOW SILTSACK	ACF ENVIRONMENTAL 804/271/2363 AFC WEST 800/878/5115	08/01/11	4442	Q	
00280.16D	INLET PROTECTION - TYPE 3	STORM SENTINEL MODEL 4320NO 48" X 36"	ENPAC CORPORATION 800/936-7229 PAT GOTHRO (ENPAC)253/288-9215 FNW- DOUG MYERS 253/437-5141 FNW- MIKE STEWART 503/240-6747	04/29/14	4745	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED NO OVERFLOW
00280.16D	INLET PROTECTION - TYPE 3	STORM SENTINEL MODEL 4326NO 60" X 60"	ENPAC CORPORATION 800/936-7229 PAT GOTHRO (ENPAC)253/288-9215 FNW- DOUG MYERS 253/437-5141 FNW- MIKE STEWART 503/240-6747	04/29/14	4746	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED NO OVERFLOW
00280.16D	INLET PROTECTION - TYPE 3	STORM SENTINEL MODEL 4341 NO 36" X 24" FRAMED	ENPAC CORPORATION 800/936-7229 PAT GOTHRO (ENPAC)253/288-9215 FNW- DOUG MYERS 253/437-5141 FNW- MIKE STEWART 503/240-6747	04/29/14	4747	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED NO OVERFLOW
00280.16D	INLET PROTECTION - TYPE 3	STORM SENTINEL MODEL 4348	ENPAC CORPORATION 800/936-7229 PAT GOTHRO (ENPAC)253/288-9215 FNW- DOUG MYERS 253/437-5141 FNW- MIKE STEWART 503/240-6747	10/14/10	4119	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED

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00280.16D	INLET PROTECTION - TYPE 3	STORMGUARD	SPILL CONTROL,INC 800/300-1649	12/24/12	4538	A	
00280.16D	INLET PROTECTION - TYPE 3	STREAMGUARD	FOSS INTERNATIONAL AND INFRASTRUCTURE SERVICES CO. JOE SMITH 206/378-4101	10/11/01	1600	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	ULTRA-DRAIN GUARD ADJ. FRAME MOD. #8930	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	05/02/13	4611	A	ADJUSTABLE FRAME INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	ULTRA-DRAIN GUARD RE-USABLE	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	11/09/06	3308	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3 GAS & OIL	ULTRA-DRAIN GUARD OIL & SEDIME	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	01/10/08	3309	A	FOR GAS & OIL. VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 4	CURLEX SEDIMENT LOG	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	05/08/08	2624	A	
00280.16D	INLET PROTECTION - TYPE 4	FILTREXX FILTERSOXX INLETSOXX	FILTREXX INTERNATIONAL 440/926-2607	12/08/05	3258	A	
00280.16D	INLET PROTECTION - TYPE 4	GRABHORN BIO FILTER BAG	GRABHORN, INC. 503/628-1866	11/12/09	2430	A	
00280.16D	INLET PROTECTION - TYPE 4	SILTRAP BIO BAGS	HIGHWAY FUEL 503/363-6444	11/13/08	3697	A	PRESIZED WOOD CHIPS IN POLY MESH BAG.

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00280.16D	INLET PROTECTION - TYPE 4	SLOPEGARD 3	KRISTAR ENTERPRIS 800/579-8819	11/09/06	2633	A	
00280.16D	INLET PROTECTION - TYPE 6	DREAM STREAM GCDOTFB-3624	THE GATE COMPANY 360/273-5802 MANARK PRODUCTS 360/790-9271	10/14/10	4174	A	NEED TO MONITOR.
00280.16D	INLET PROTECTION - TYPE 6	SS FIBER ROLLS (9X25) UV	EROSION CONTROL SERVICES MARK CLELLAND 208/337-4620	04/08/10	3928	A	
00280.16D	INLET PROTECTION - TYPE 6 OTHER	CURB INLET SEDIMENT DAM	CARDWELL; 541/688-7609 FAMILIAN NW 800/456-8611	10/10/02	2203	A	DESIGNED FOR CURBED INLET PROTECTION. NEED TO MONITOR.
00280.16D	INLET PROTECTION - TYPE 6 OTHER	FILTREXX FILTERSOXX SILTSOXX	FILTREXX INTERNATIONAL 440/926-2607	06/11/09	3256	A	USE MFG APPROVED COMPOST MEDIA & ADDITIVES & MEET ODOT SPECS.
00280.16D	INLET PROTECTION - TYPE 6 OTHER	GEOFILTER	GEOHAY 864/472-7000	12/13/07	3580	A	
00280.16E	SEDIMENT BARRIER, OTHER	DIRTBAG 55	ACF ENVIRONMENTAL DAVID KELLY 800/448-3636 DIST.: ACF WEST, INC. MELISSA HURLEY 503/771-5115	02/12/09	1886	A	THIS BAG IS 180" BY 180". AND TESTED TO 100 LB/IN2. APPLICATION: DOWNSTREAM END OF PIPE.
00280.16E	SEDIMENT BARRIER, OTHER	FILTREXX FILTERSOXX SILTSOXX	FILTREXX INTERNATIONAL 440/926-2607	06/11/09	3256	A	USE MFG APPROVED COMPOST MEDIA & ADDITIVES & MEET ODOT SPECS.
00280.16E	SEDIMENT BARRIER, TYPE 1	ENVIRO STRAW 9" STRAW WATTLE	ENVIRO-STRAW 208/270-1225	01/21/14	4703	A	

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00280.16E	SEDIMENT BARRIER, TYPE 3	AEC PREMIER STRAW WATTLES	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/09/06	3327	A	
00280.16E	SEDIMENT BARRIER, TYPE 3	CAL VISTA RICE STRAW WATTLE 8 X 25	CAL VISTA EROSION CONTROL JERRY SHADINGER 530/476-0706	12/11/08	3526	A	
00280.16E	SEDIMENT BARRIER, TYPE 3	CSW STRAW WATTLES	CALIFORNIA STRAW WORKS 916/453-1456 ACF WEST 503/771-5115	07/13/06	1794	A	DO NOT USE IN WATER. NOT RE-UESABLE. DO NOT USE FOR OVERLAND SHEET FLOW. WAS KEY TO GREEN STRAW WATTLES
00280.16E	SEDIMENT BARRIER, TYPE 3	EARTHSAVER 8.25x25 Wheat Straw Wattle	EARTHSAVERS EROSION CONTROL 530/662-7700	05/31/12	4410	A	PHOTODEGRADABLE
00280.16E	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	
00280.16E	SEDIMENT BARRIER, TYPE 3	IEC 9" STRAW WATTLE	IDAHO EROSION CONTROL 208/329-9120 PACIFIC GEOSOURCE 503/261-3515	10/14/10	4184	A	
00280.16E	SEDIMENT BARRIER, TYPE 3	OSW-R9 STRAW WATTLE	OREGON STRAW WATTLE 503/519-0848	12/11/08	3722	A	RYE STRAW
00280.16E	SEDIMENT BARRIER, TYPE 3	RICE STRAW FIBER ROLL	KRISTAR ENTERPRIS 800/579-8819	11/09/06	2634	A	
00280.16E	SEDIMENT BARRIER, TYPE 3	SEDIMENTSTOP	NORTH AMERICAN GREEN 800/772-2040 ACF WEST 800/878-5115	07/13/06	3286	A	

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00280.16E	SEDIMENT BARRIER, TYPE 3	SLOPEGARD 1	KRISTAR ENTERPRIS 800/579-8819	11/09/06	2632	A	APPEARS OK AS TYPE 3 SEDIMENT BARRIER.
00280.16E	SEDIMENT BARRIER, TYPE 3	SOIL STOPPERS RICE STRAW WATTL 9" WATTLE	SOIL STOPPERS 209/993-2109	03/08/07	3439	A	
00280.16E	SEDIMENT BARRIER, TYPE 3	SS FIBER ROLLS (9X25) UV	EROSION CONTROL SERVICES MARK CLELLAND 208/337-4620	04/08/10	3928	A	TYPE 3.
00280.16E	SEDIMENT BARRIER, TYPE 3	WESTERN FIBER 9" STRAW WATTLE	WESTERN FIBER CO. 661/854-5556 OR 310/939-9254	11/13/08	3710	A	WHEAT STRAW.
00280.16E	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	A	
00280.16E	SEDIMENT BARRIER, TYPE 3 STRAW WATTLE	PERMALOK/PERMEATEX STRAW WATTL	NORTHWEST LININGS & GEOTEXTILE 253/867-5366	10/14/10	4194	A	RICE STRAW
00280.16E	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.
00280.16E	SEDIMENT BARRIER, TYPE 7	ENVIRONMENTAL BARRICADE	BONAR PLASTICS 360/887-2230 ENVIRONMENTAL BARRICADES RICHARD STRIEFEL 800/656-1296	06/14/01	2401	A	
00280.16E	SEDIMENT BARRIER, TYPE 7	GEOBALE	GEOHAY 864/472-7000	12/13/07	3579	A	

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00280.16E	SEDIMENT BARRIER, TYPE 7	GEOFILTER	GEOHAY 864/472-7000	12/13/07	3580	A	
00280.16E	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	A	DO NOT USE IN WATER. RE-USEABLE. SUITABLE SUBSTITUTION FOR SAND BAGS.
00280.16F	SEDIMENT MAT	SEDIMAT	INDIAN VALLEY INDUSTRIES 800/659-5111 CSI GEOSYNTHETICS 800/426-7976	06/14/07	1924	A	FOR USE ON DOWNSTREAM END OF OUTLET END OF PIPE.
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.
00390.00	SLOPE PROTECTION - TYPE 3	ARMORFLEX CLOSED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	01/10/08	3590	A	
00390.00	SLOPE PROTECTION - TYPE 3	ARMORFLEX OPEN CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3575	A	
00390.00	SLOPE PROTECTION - TYPE 3	ARMORFLEX TAPERED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3591	A	
00390.00	SLOPE PROTECTION - TYPE 3	HYDRAPAM(L) LIQUID	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	A	
00390.00	SLOPE PROTECTION - TYPE 3	HYDROPAM	EVONIK STOCKHAUSEN336/335-3871 INNOVATIVE TURF SOLUTIONS 513/317-8311	03/11/10	1854	A	

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00390.00	SLOPE PROTECTION - TYPE 3	HYDROPAM L	EVONIK STOCKHAUSEN336/335-3871 INNOVATIVE TURF SOLUTIONS 513/317-8311	03/11/10	3969	A	
00398.00	ROCK BOLTS	R1J SOLID REBAR SPIN-LOCK BOLT #R1J	WILLIAMS FORM 800/255-0560 OR 503/285-4548	08/11/11	4452	A	THIS IS MADE W/DOMESTIC STEEL.
00398.00	ROCK BOLTS	WILLIAMS HOLLOW CORE SPIN LOCK #R1H, #R1HT, #R1HG	WILLIAMS FORM 800/255-0560	10/09/03	2891	A	THIS PRODUCT INCLUDES FOREIGN STEEL. USE ONLY WHEN SPECS ALLOW FOREIGN STEEL.
00433.00	PREFORMED DITCH LINER	SMARTDITCH	PENDA CORPORATION 800/356-7704	08/23/12	3864	Q	CONTACT STANDARDS ENGINEER BEFORE USE
00440.14	PRE-PACKAGED DRY BLENDED CONCRETE	QUIKRETE CRACK RESISTANT CONCRETE MIX	THE QUIKRETE COMPANIES 503/982-4244	02/22/16	4943	A	TO BE USED FOR VISUALLY ACCEPTED WORK ITEMS
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	A	MEETS AASHTO M243. SEE ODOT SECTION 00445.12 AND ODOT SECTION 00445.47
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	POLYCAST 900	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	12/24/12	4267	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	POLYCAST TRENCH DRAIN FP 1200 SERIES	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	10/12/12	4525	A	REVIEW WITH STANDARDS ENGINEER

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00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	POLYCAST TRENCH DRAIN FP 800 SERIES	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	10/12/12	4524	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	Z-882	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	12/12/12	2900	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	Z-886	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	12/12/12	2901	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	Z-888 12"	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	04/14/11	2245	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED	Z-888 HIGH 18"	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	12/12/12	2245	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 1 PREFORMED, MONOLITHIC	ACO HIGHWAY DRAIN HD200	ACO POLYMERS 888/490-9552 JEFF LIPP 425/770-0176	11/13/08	3650	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	POLYCAST 3000	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	10/12/12	4268	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	POLYCAST 900	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	10/12/12	4267	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	POLYCAST TRENCH DRAIN FP 1200 SERIES	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	10/12/12	4525	A	REVIEW WITH STANDARDS ENGINEER

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00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	POLYCAST TRENCH DRAIN FP 800 SERIES	POLYCAST TRENCH DRAIN SYSTEM BY HUBBELL 206/484-8236	10/12/12	4524	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	POLYDRAIN INTERCEPTOR A-67 W/2552 GRATE	ABT, INC. 800/438-6057 BRAD SHORT 949/633-6111 NATHAN PAUL 443/956-9471	12/12/12	4421	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	POLYDRAIN INTERCEPTOR A-67 W/2542 GRATE	ABT, INC. 800/438-6057 BRAD SHORT 949/633-6111 NATHAN PAUL 443/956-9471	12/12/12	4420	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	TRENCH FORMER MHD 8"	ABT, INC. 800/438-6057 BRAD SHORT 949/633-6111 NATHAN PAUL 443/956-9471	12/12/12	4422	A	REVIEW WITH STANDARDS ENGINEER USES FOAM INSERT TO FORM CHANNEL IN CONCRETE
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	TRENCH FORMERMHD 12"	ABT, INC. 800/438-6057 BRAD SHORT 949/633-6111 NATHAN PAUL 443/956-9471	12/12/12	4423	A	REVIEW WITH STANDARDS ENGINEER USES FOAM INSERT TO FORM CHANNEL IN CONCRETE
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	Z-882	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	12/12/12	2900	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	Z-886	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	06/10/04	2901	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	Z-888 HIGH 12"	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	12/12/12	2245	A	REVIEW WITH STANDARDS ENGINEER
00446.00	TRENCH DRAIN - TYPE 2 PREFORMED	Z-888 HIGH 18"	ZURN INDUSTRIES 800/906-5060 MECHAGENTS 509/249-8050	12/12/12	2245	A	REVIEW WITH STANDARDS ENGINEER

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00470.00	INLET FRAME G-2, G-2M, G-2MA, CG-2	7739Z INLET FRAME G-2 MODEL: 00773911	EJ IRON WORKS Frank Ray 503/550-1828 800/626-4653	06/10/10	3967	A	
00470.00	INLET FRAME G-2, G-2M, G-2MA, CG-2	7739Z1 REVERSIBLE INLET FRM G2 MODEL: 00773913	EJ IRON WORKS Frank Ray 503/550-1828 800/626-4653	06/10/10	3968	A	
00470.00	INLET GRATE	DUCTILE INLET GRATE TYPE 3 I-4501-04	D&L FOUNDRY 509/765-7952	08/27/13	4635	A	DUCTILE IRON
00470.00	INLET GRATE G-1, CG-1	DUCTILE INLET GRATE G-1 I-4503-01	D&L FOUNDRY 509/765-7952	08/27/13	4655	A	
00470.00	INLET GRATE G-1, CG-1	DUCTILE INLET GRATE G-1 (1/2" ADA Slot) I-4503-02	D&L FOUNDRY 509/765-7952	08/27/13	4656	A	
00470.00	INLET GRATE G-2, G-2M, G-2MA, CG-2	EAST JORDAN INLET GRATE G-2 #00773935	EJ IRON WORKS Frank Ray 503/550-1828 800/626-4653	05/08/08	3617	A	
00470.00	INLET GRATE G-2, G-2M, G-2MA, CG-2	Inlet Grate G-2 I-4500-01	D&L FOUNDRY 509/765-7952	08/27/13	4634	A	DUCTILE IRON
00470.00	MANHOLE ADJUSTING RING	PRORING MH GRADE ADJUSTMENT FINISH RING	CRETEX SPECIALTY PRODUCTS 800/345-3764	12/24/12	4415	A	
00470.00	MANHOLE ADJUSTING RING	PRORING MH GRADE ADJUSTMENT RING	CRETEX SPECIALTY PRODUCTS 800/345-3764	12/24/12	4416	A	

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00470.00	MANHOLE ADJUSTING RING	PRORING MH GRADE ADJUSTMENT ANGLR RING	CRETEX SPECIALTY PRODUCTS 800/345-3764	12/24/12	4417	A	
00470.00	MANHOLE COVER	16 HOLE 3 BOLT MANHOLE COVER A-2107-12	D&L FOUNDRY 509/765-7952	08/27/13	4644	A	
00470.00	MANHOLE COVER	16 HOLE MANHOLE COVER A-2107-01 A-2107-01	D&L FOUNDRY 509/765-7952	08/27/13	4642	A	
00470.00	MANHOLE COVER	2 HOLE 3 BOLT MANHOLE COVER A-2107-14	D&L FOUNDRY 509/765-7952	08/27/13	4645	A	
00470.00	MANHOLE COVER	2 HOLE SUB/STAN MANHOLE COVER A-2107-03	D&L FOUNDRY 509/765-7952	08/27/13	4643	A	
00470.00	MANHOLE COVER	EAST JORDAN 2603C3 #00260420	EJ IRON WORKS Frank Ray 503/550-1828 800/626-4653	05/08/08	3615	A	
00470.00	MANHOLE COVER	GMI 26" COMPOSITE COVER & FRAME	GMI COMPOSITES, INC 811/755-1611	12/24/10	4290	A	
00470.00	MANHOLE COVER	WATER TIGHT SUB/STAN MANHOLE COVER A-2107-15	D&L FOUNDRY 509/765-7952	08/27/13	4646	A	WATER TIGHT
00470.00	MANHOLE FRAME	3 BOLT STANDARD MANHOLE RING A-2107-R3	D&L FOUNDRY 509/765-7952	08/27/13	4648	A	

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00470.00	MANHOLE FRAME	3 BOLT STANDARD MANHOLE RING A-2108-R3	D&L FOUNDRY 509/765-7952	08/27/13	4650	A	
00470.00	MANHOLE FRAME	EAST JORDAN 2603Z1 #00260315	EJ IRON WORKS Frank Ray 503/550-1828 800/626-4653	05/08/08	3616	A	
00470.00	MANHOLE FRAME	GMI 26" COMPOSITE COVER & FRAME	GMI COMPOSITES, INC 811/755-1611	12/24/10	4290	A	LOCKING MANHOLE FRAME AND COVE USED TOGETHER
00470.00	MANHOLE FRAME	STANDARD BOLTED GASKETED MANHOLE RING A-2110-R3	D&L FOUNDRY 509/765-7952	08/08/14	4774	A	WATER TIGHT
00470.00	MANHOLE FRAME	STANDARD BOLTED MANHOLE RING A-2110-R2	D&L FOUNDRY 509/765-7952	08/08/14	4773	A	
00470.00	MANHOLE FRAME	STANDARD MANHOLE RING A-2110-R1	D&L FOUNDRY 509/765-7952	08/08/14	4772	A	
00470.00	MANHOLE FRAME	STANDARD MANHOLE RING A-2108-R1	D&L FOUNDRY 509/765-7952	08/27/13	4649	A	
00470.00	MANHOLE FRAME	SUBURBAN MANHOLE RING A-2107-R2	D&L FOUNDRY 509/765-7952	08/27/13	4647	A	
00470.00	MANHOLE RISER RING	1 1/2" PAVING RISER G-2051-R1	D&L FOUNDRY 509/765-7952	08/27/13	4637	A	

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00470.00	MANHOLE RISER RING	1 1/4" PAVING RISER G-2050-R1	D&L FOUNDRY 509/765-7952	08/27/13	4636	A	
00470.00	MANHOLE RISER RING	2 1/2" PAVING RISER G-2052-R2	D&L FOUNDRY 509/765-7952	08/27/13	4639	A	
00470.00	MANHOLE RISER RING	2" PAVING RISER G-2052-R1	D&L FOUNDRY 509/765-7952	08/27/13	4638	A	
00470.00	MANHOLE RISER RING	3" PAVING RISER G-2053-R1	D&L FOUNDRY 509/765-7952	08/27/13	4640	A	
00470.00	MANHOLE RISER RING	4" PAVING RISER G-2054-R1	D&L FOUNDRY 509/765-7952	08/27/13	4641	A	
00470.00	MANHOLE RISER RING	INFRA-RISER	EJ IRON WORKS Frank Ray 503/550-1828 800/626-4653	01/10/08	3546	A	RECYCLED RUBBER COMPOSITE.
00470.00	MANHOLE RISER RING	LADTECH HDPE M.H. RISER RING	LADTECH - DWIGHT 877/235-7464 GREG BRUCE 801/649-6125 EXT 1	09/10/98	1730	A	RECYCLED PLASTIC HDPE. MFG SAYS SPECIAL GROOVE IS NECESSARY TO FIT OUR MUD RINGS. SEE LEWIS TITUS.
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	RHINO HDPE MANHOLES	RHINO USA OF OREGON 877/857-4817 OR 541/269-9964	06/14/01	2208	A	HDPE POLYETHYLENE, TYPE III, CAT 3, CLASS B, PER ASTM D3350 FOR NON TRAFFIC AREAS ONLY.

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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	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 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	SHORE PAC	CETCO CONSTRUCTION DRILLING 800/527-9948 OR 847/392-5800 WAS CALLED SHORE PAC GCV 5/08	08/10/06	3345	A	
00512.14	SYNTHETIC SLURRY	SLURRY PRO CDP	KB INTERNATIONAL 423/266-6964 SINCLAIR 562/403-3559	08/10/06	3343	A	
00512.14	SYNTHETIC SLURRY	SUPER MUD	PDS COMPANY 562/634-8180	08/10/06	3344	A	
00512.14	SYNTHETIC SLURRY	TERRAGEL	GEO-TECH SERVICES 210/587-4758	08/10/06	3346	A	Was Novagel Name Change 2013
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.

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00520.00	PILE TIPS HP10X42	SUPER BITE POINT PAR10T	ASSOCIATED PILE & FITTING 800/526-9047	05/12/11	4364	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 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.
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	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 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	SUPER BITE POINT PAR12T	ASSOCIATED PILE & FITTING 800/526-9047	05/12/11	4365	Q	VERIFY HEAT OR LOT # ON TIP. 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 HP12X63	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 HP12X63	SUPER BITE POINT PAR12T	ASSOCIATED PILE & FITTING 800/526-9047	05/12/11	4365	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 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	SUPER BITE POINT PAR12T	ASSOCIATED PILE & FITTING 800/526-9047	05/12/11	4365	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.
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	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 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	HP77750-B 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	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 HP14X117	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 HP14X117	HP77750-B 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	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	HP77600-B 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	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 HP14X73	HP77750-B 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.

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00520.00	PILE TIPS HP14X73	SUPER BITE POINT PAR14T	ASSOCIATED PILE & FITTING 800/526-9047	05/12/11	4366	Q	VERIFY HEAT OR LOT # ON TIP. MILL CERTS REQUIRED.
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 HP14X89	HP77600-B 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	HP77750-B 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	SUPER BITE POINT PAR14T	ASSOCIATED PILE & FITTING 800/526-9047	05/12/11	4366	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.
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.

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00530.00	REBAR MANUFACTURER	ARCELORMITTAL-VINTON TX	ARCELORMITTAL-VINTON TX 915/231-4553	03/11/10	1841	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES. WAS BORDER STEEL.
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	CMC STEEL - MESA AZ	CMC STEEL - MESA AZ 480/396-7127	03/11/10	4118	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	EVRAZ INC, NA-PUEBLO COLORADO	EVRAZ 719/561-6009	07/08/10	1621	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES. WAS CF&I, ROCKY MOUNTAIN NOW EVRAS.
00530.00	REBAR MANUFACTURER	GERDAU AMERISTEEL - BEAUMONT COILED #3 - #5	GERDAU AMERISTEEL 409/474-1999	01/06/15	4838	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	GERDAU AMERISTEEL - RANCHO CUCAMONGA	GERDAU AMERISTEEL 909/899-0660	08/05/98	1842	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES. WAS TAMCO STEEL
00530.00	REBAR MANUFACTURER	GERDAU AMERISTEEL - ST. PAUL	GERDAU AMERISTEEL 651/731-5644	01/27/97	1623	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	GERDAU AMERISTEEL - WILTON	GERDAU AMERISTEEL 537/732-4552	09/11/08	1622	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	NUCOR - SEATTLE	NUCOR CORPORATION WINKY LAI 206/933-2288 800/428-9005	02/12/04	2935	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.

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00530.00	REBAR MANUFACTURER	NUCOR - UTAH	NUCOR CORPORATION 800/677-1012 OR 800/428-9005 801/458-3691	01/25/94	1112	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	NUCOR-BOURBONNAIS	NUCOR STEEL KANKAKEE 815/939-5532	03/16/16	4943	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER	NUCOR-KINGMAN AZ	NUCOR STEEL KINGMAN AZ 928/718/7035	03/09/11	4356	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES. COILED BAR
00530.00	REBAR MANUFACTURER EPOXY COATED	HARRIS REBAR EPOXY COATED REBAR	HARRIS REBAR 253/804-8884	12/09/14	4832	A	
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.
00530.42	SPLICE, BUTT, MECHANICAL TYPE 1	BARGRIP STD. TYPE 1	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	10/04/90	544	Q	#3 - #14 BLACK BAR ONLY NOT FOR COLUMN BARS FOR BRIDGE RAISING APPLICATIONS. (SWAGED)
00530.42	SPLICE, BUTT, MECHANICAL TYPE 1	BARSPLICER XP	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	01/14/10	3946	Q	#4 - #11 COATED BAR THREADED WITH FLANGE
00530.42	SPLICE, BUTT, MECHANICAL TYPE 1	LENTON FORM SAVER SA	ERICO PRODUCTS INC. 440-248-0100	09/14/06	3353	Q	#4 - #8 THREADED WITH FLANGE
00530.42	SPLICE, BUTT, MECHANICAL TYPE 1	ZAP SCREWLOK - EPOXY	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	05/08/97	1628	Q	#3 - #14 COATED BAR

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00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	BARGRIP XL	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	01/14/10	3945	Q	#4 - #14 BLACK & COATED BAR NOT FOR COLUMN BARS FOR BRIDGE RAISING APPLICATIONS. (SWAGED)
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	BAR-LOCK L-SERIES	BAR-LOCK 800/755-4888 PART OF DAYTON SUPERIOR MATT CROSS 360/961-6888	08/12/93	1031	Q	#4 - # 14 BLACK BAR ONLY SHEAR BOLT TYPE
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	BARSPLICER XP	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	01/14/10	3946	Q	#4 - #11 BLACK BAR ONLY THREADED WITH FLANGE
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	BARTEC	DEXTRA AMERICA 877/327-0800	10/09/08	3595	Q	BLACK BAR ONLY COLD FORGED/THREADED
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	CADWELD REBAR SPLICE	ERICO PRODUCTS INC. 440/248-0100	05/01/88	1355	Q	#5, #8, #14 BLACK BAR ONLY METAL FILLED TYPE
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	GRIPTEC	DEXTRA AMERICA 877/327-0800	10/09/08	3594	Q	BLACK BAR ONLY SWAGED/THREADED
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	LENTON LOCK B1	ERICO PRODUCTS INC. 440/248-0100	06/11/09	3804	Q	#4 - #11 BLACK BAR ONLY SHEAR BOLT TYPE
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	LENTON POSITION P9	ERICO PRODUCTS INC. 440/248-0100	06/11/09	3806	Q	#4 - #18 BLACK BAR ONLY THREADED
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	LENTON STANDARD COUPLER A2	ERICO PRODUCTS INC. 440/248-0100	08/01/89	770	Q	#3 - #18 BLACK BAR ONLY. THREADED

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00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	TAPER THREADED GRIP-TWIST POSITION	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	26/13/	4597	Q	#5 - #18 BLACK BAR ONLY THREADED/SWAGED
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	TAPER THREADED GRIP TWIST	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	04/08/10	2784	Q	#4 - #18 BLACK BAR ONLY THREADED/SWAGED
00530.42	SPLICE, BUTT, MECHANICAL TYPE 2	ZAP SCREWLOK - TYPE 2	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	05/08/97	1628	Q	#3 - #14 BLACK BAR ONLY
00530.42	SPLICE, BUTT, MECHANICAL REBAR TRANSITION TYPE 2	LENTON A2 TRANSITION SPLICE	ERICO PRODUCTS INC. 440-248-0100	10/14/10	4219	Q	#3 - #14 BLACK BAR ONLY.
00530.42	SPLICE, BUTT, MECHANICAL REBAR TRANSITION TYPE 2	ZAP SCREWLOK TRANSITION	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	10/08/09	3925	Q	#4 - #14 BLACK BAR ONLY
00530.42	SPLICE, LAP, MECHANICAL TYPE 1	QUICK WEDGE	ERICO PRODUCTS INC. 440/248-0100	09/28/05	610	Q	#3 - #6 BLACK BAR ONLY 2 SPLICES REQUIRED FOR EACH LOCATION FOR ALL INSTALLATIONS
00530.42	SPLICE, LAP, MECHANICAL TYPE 1	ZAP DOUBLE BARREL SCREWLOK	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	01/14/10	3358	Q	#4 - #7 BLACK & COATED BAR
00530.42	SPLICE, LAP, MECHANICAL REBAR TRANSITION TYPE 1	ZAP DOUBLE BARREL TRANSITION	BARSPLICE PRODUCTS INC 4900 WEBSTER ST. DAYTON OH 45414 JOHN STEVENSON 937/275-8700	10/08/09	3926	Q	#3 - #8 BLACK BAR ONLY
00535.10	CONCRETE ANCHOR, MECH VERY LOW STRENGTH DYNAMIC LOADINGS	POWER BOLT EXPANSION ANCHOR	POWERS FASTENERS ROBERT AURISY 800/524-3244 SALES NORTHWEST 206/762-5812	10/12/00	1975	Q	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	ACRYLIC TIE MMA	SIMPSON STRONG-TIE DEREK HARDY 206/304-1842 800-999-5099 WHITE CAP 503/287-4151	07/10/08	2265	Q	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	AWA-GEL EPOXY	E-Chem, LLC James High 505/217-2121	05/22/13	4653	Q	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	Q	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	EDOT EPOXY-TIE EPOXY	SIMPSON STRONG-TIE DEREK HARDY 206/304-1842 800-999-5099 WHITE CAP 503/287-4151	09/10/09	3685	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEK OK
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	EP-GEL FAST EPOXY	E-Chem, LLC James High 505/217-2121	05/22/13	4651	Q	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	FIXMASTER ANCHOR BOLT GROUT HP EPOXY	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	05/12/14	4451	Q	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 HY-150 MAX HYBRIDIZED EPOXY	HILTI, INC. 800/879-8000 TIM NORDSTROM 206/330-8055 ZACK CLINARD 503/701-4429	03/10/11	4163	Q	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	Q	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-HY 200-A EPOXY	HILTI, INC. 800/879-8000 TIM NORDSTROM 206/330-8055 ZACK CLINARD 503/701-4429	06/29/16	4955	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK

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00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	HILTI HIT-RE 100 EPOXY	HILTI, INC. 800/879-8000 TIM NORDSTROM 206/330-8055 ZACK CLINARD 503/701-4429	07/01/16	4965	Q	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-RE 500V3 EPOXY	HILTI, INC. 800/879-8000 TIM NORDSTROM 206/330-8055 ZACK CLINARD 503/701-4429	07/01/16	4966	Q	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 HTE 50 EPOXY	HILTI, INC. 800/879-8000 TIM NORDSTROM 206/330-8055 ZACK CLINARD 503/701-4429	09/10/09	3947	Q	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	Q	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	Q	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	PE1000+	POWERS FASTENERS ROBERT AURISY 800/524-3244 SALES NORTHWEST 206/762-5812	10/08/09	3927	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	PECORA DYNAPOXY EP-430 FAST EPOXY	PECORA CORP 215/799-7557 ATLAS SUPPLY 800/806-7952	03/10/11	4200	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	POWERS T308+ EPOXY	POWERS FASTENERS ROBERT AURISY 800/524-3244 SALES NORTHWEST 206/762-5812	11/12/09	4000	Q	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 300 FAST EPOXY	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	06/11/09	1726	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK

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00535.10	CONCRETE ANCHOR, RESIN HS HIGH STRENGTH	PURE 110+ EPOXY	POWERS FASTENERS ROBERT AURISY 800/524-3244 SALES NORTHWEST 206/762-5812	01/27/15	4552	Q	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	SIMPSON SET EPOXY	SIMPSON STRONG-TIE DEREK HARDY 206/304-1842 800/999-5099 WHITE CAP 503/287-4151	07/10/08	1702	Q	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	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	07/10/08	1285	Q	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 HS 200 WAS ANCHOR-IT HS 200 EPOXY	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	06/12/08	185	Q	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	FIXMASTER ANCHOR BOLT GROUT HP EPOXY	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	05/12/14	4451	Q	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 ROBERT AURISY 800/524-3244 SALES NORTHWEST 206/762-5812	07/10/08	2408	Q	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	Q	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	RED HEAD EPCON G5 EPOXY.	ITW REDHEAD 800/899-7890	07/10/08	2747	Q	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-HP EPOXY (POLY ALL PAC-24) (ET)	SIMPSON STRONG-TIE DEREK HARDY 206/304-1842 800-999-5099	05/18/12	1001	Q	NO OVERHEAD/CONSTANT LOADS. WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL. CREEP OK

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00535.10	CONCRETE ANCHOR, RESIN LS LOW STRENGTH	ULTRABOND 2 (WAS ULTRABOND ET) EPOXY	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	07/10/08	1284	Q	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 4CC EPOXY	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	05/12/14	4702	Q	LOW STRENGTH APPLICATIONS ONLY
00538.10	CRACK INJECTION EPOXY	CSS LOW VISCOSITY GROUT	CHEMCO SYSTEMS 800/757-6773 650/261-3790	10/09/08	2977	A	
00538.10	CRACK INJECTION EPOXY	CSS STANDARD GROUT	CHEMCO SYSTEMS 800/757-6773 650/261-3790	07/12/07	2976	A	
00538.10	CRACK INJECTION EPOXY	KEMKO 038 REG IR	CHEMCO SYSTEMS 800/757-6773 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.
00538.10	CRACK INJECTION EPOXY	KEMKO 068 LV IR	CHEMCO SYSTEMS 800/757-6773 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.
00538.10	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	A	FOR CRACKS UP TO 0.25" WIDE. TWO COMPONENT EPOXY. AUTOMATIC INJECTION SYSTEMS. TYPE IV,GRADE 1,CLASS B&C>50F.
00538.10	CRACK INJECTION EPOXY	KONTEK GROUT 111 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.
00538.10	CRACK INJECTION EPOXY	PRO-POXY 100 WAS CALLED PRO-POXY 100LV	Unitex by Dayton Superior David Minor 970/286-9229 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.

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00538.10	CRACK INJECTION EPOXY	SIKADUR 52	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	11/13/08	548	A	AASHTO TYPES I AND IV.
00538.10	CRACK INJECTION, EPOXY	DURAL 452 LV	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/17/14	4752	A	
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)
00556.10A	MULTI-LAYER POLYMER CONCRETE OVERLAY EPOXY	EPX50-OVERLAY	E-Chem, LLC James High 505/217-2121	06/04/15	4654	A	NOT PART OF 2007 RESEARCH PROJECT WALKER OVERPASS TEST DECK
00556.10A	MULTI-LAYER POLYMER CONCRETE OVERLAY EPOXY	FLEXOLITH	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/10/08	230	A	USE MPCO 00556.20 AGG. FROM QPL AS RECOMMENDED BY EPOXY SUPPLIER REP WAS FLEXOLITH 216
00556.10A	MULTI-LAYER POLYMER CONCRETE OVERLAY EPOXY	PRO-POXY TYPE III DOT	Unitex by Dayton Superior STEVE HACKWORTH 253/245-0263 WILLIAMS FORM ENG 800/255-0560	06/10/10	1920	A	USE MPCO 00556.20 AGG. FROM QPL AS RECOMMENDED BY EPOXY SUPPLIER REP.
00556.10B	MULTI-LAYER POLYMER CONCRETE OVERLAY AGGREGATE	ARMORSTONE 416-NM	WASHINGTON ROCK QUARRIES 253/262-1661	01/14/14	4725	A	
00565.00	CFRP-WET LAY UP SYSTEM	FIBERBOND VELACARB VELACARB 335U / VELOXX LR	EDGE STRUCTURAL COMPOSITES 510/233-2854	09/11/03	2681	Q	MEETS CALTRANS REQUIREMENTS. FABRIC
00565.00	CFRP-WET LAY UP SYSTEM	MBT MBRACE CF 130 WAS WABOMBRACE CF130 CFRP	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	2613	Q	MEETS CALTRANS REQUIREMENTS. FABRIC

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00565.00	CFRP-WET LAY UP SYSTEM	MBT MBRACE CF 160	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	02/11/10	3720	Q	APPROVED BY BRIDGE SECTION. FABRIC
00565.00	CFRP-WET LAY UP SYSTEM	SCH 41 / TYFO CFRP	FYFE CO LLC 858/642-0694 EXT 13	06/13/02	2611	Q	MEETS CALTRANS REQUIREMENTS. FABRIC
00565.00	CFRP-WET LAY UP SYSTEM	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	MEETS CALTRANS REQUIREMENTS. PLATE
00565.00	CFRP-WET LAY UP SYSTEM	VELACARB 600U	EDGE STRUCTURAL COMPOSITES 510/233-2854	06/10/10	4073	Q	APPROVED BY BRIDGE SECTION. FABRIC
00582.10	COMPOSITE - DISC, FIXED REVIEWED FOR 2008 SPECS	DISKTRON	R.J. WATSON, INC. 716/691-3301	10/09/08	1509	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - DISC, FIXED REVIEWED FOR 2008 SPECS	VERSIFLEX HLMR FIXED DISC	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3883	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - DISC, GUIDED REVIEWED FOR 2008 SPECS	DISKTRON	R.J. WATSON, INC. 716/691-3301	10/09/08	1509	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - DISC, GUIDED REVIEWED FOR 2008 SPECS	VERSIFLEX HLMR GUIDED DISC	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3884	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - DISC, NON GUI REVIEWED FOR 2008 SPECS NON-GUIDED	DISKTRON	R.J. WATSON, INC. 716/691-3301	10/09/08	1509	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.

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00582.10	COMPOSITE - DISC, NON GUI REVIEWED FOR 2008 SPECS NON-GUIDED	VERSIFLEX HLMR NON-GUIDED DISC	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3885	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - POT, FIXED REVIEWED FOR 2008 SPECS	TECHSTAR POT BEARING - TF	TECHSTAR, INC WARREN BROWN 419/424-0888	10/08/09	1069	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - POT, FIXED REVIEWED FOR 2008 SPECS	VERSIFLEX HLMR FIXED POT	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3886	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - POT, GUIDED REVIEWED FOR 2008 SPECS	TECHSTAR POT BEARING - TC	TECHSTAR, INC WARREN BROWN 419/424-0888	10/08/09	1069	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - POT, GUIDED REVIEWED FOR 2008 SPECS	VERSIFLEX HLMR GUIDED POT	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3887	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - POT, NON GUID REVIEWED FOR 2008 SPECS NON-GUIDED	TECHSTAR POT BEARING - TA	TECHSTAR, INC WARREN BROWN 419/424-0888	10/08/09	1069	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE - POT, NON GUID REVIEWED FOR 2008 SPECS NON-GUIDED	VERSIFLEX HLMR NON-GUIDED POT	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3888	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE-SLIDING GUIDED GUIDED	FABREEKA PTFE PAD	FABREEKA INTERNATIONAL 800/322-7352	06/10/10	3199	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	COMPOSITE-SLIDING NON GUI NON-GUIDED	FABREEKA PTFE PAD	FABREEKA INTERNATIONAL 800/322-7352	06/10/10	3199	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.

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00582.10	ELASTOMERIC - PLAIN	ALERT PLAIN ELASTOMERIC BRG.	ALL STATE INDUSTR / ALERT MFG. 847/350-0460	05/12/11	4291	A	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	ELASTOMERIC - PLAIN	SCOUGAL 60 DUROMETER PLAIN PAD	SCOUGAL RUBBER 206/763-2650	02/11/10	4093	A	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	ELASTOMERIC - PLAIN	SEP PLAIN ELASTOMERIC BRG	SEISMIC ENERGY PRODUCTS 510/749-1320	09/09/10	4173	A	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	ELASTOMERIC - PLAIN REVIEWED FOR 2008 SPECS	VERSIFLEX PLAIN ELASTOMERIC	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3881	A	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	ELASTOMERIC - STEEL REINF	SCOUGAL 60 DUROMETER LAM PAD	SCOUGAL RUBBER 206/763-2650	02/11/10	4092	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	ELASTOMERIC - STEEL REINF	SEP LAMINATED ELASTOMERIC BRG	SEISMIC ENERGY PRODUCTS 510/749-1320	09/09/10	4177	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00582.10	ELASTOMERIC - STEEL REINF REVIEWED FOR 2008 SPECS	VERSIFLEX STEEL-ELASTOMERIC	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	10/08/09	3882	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
00584.10	ELASTOMERIC CONCRETE FOR PAVING DAMS	DELCRETE 1492 URETHANE W/FIBERGLASS & SAND.	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 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.
00584.10	ELASTOMERIC CONCRETE FOR PAVING DAMS	PLY-KRETE FS POLYURETHANE MOD. (3 PART)	Polyset Company 518/664-6000 Williams Concrete Acc.503/286-3647	07/25/13	4612	Q	FOLLOW MFG RECOMMENDATIONS.

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00584.10	ELASTOMERIC CONCRETE FOR PAVING DAMS	SILSPEC 900 PNS	SSI CONSTRUCTION & MATERIALS 800/888-8909 ATLAS SUPPLY 800/806/7952	07/14/05	944	Q	2 PART POLYMER EPOXY
00584.10	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.
00585.10	EXPANSION JOINT SYSTEM, ASPHALTIC PLUG FOR MOVEMENTS OF < 1 1/2"	THORMA-JOINT OK FOR 2008 SPECS	DYNAMIC SURFACE APPLICATIONS 800/491-5663	02/12/09	1570	Q	SIMILAR TO BJS EXCEPT FOR BINDER / AGGREGATE.
00585.10	EXPANSION JOINT SYSTEM, COMPRESSION FOR MOVEMENTS OF < 1 3/4"	DELASTIC SEAL - CV SERIES OK FOR 2008 SPECS	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503/646-0801	06/10/10	620	Q	SUBMIT SHOP DRAWINGS TO BRIDGE POLYCHLOROPRENE (NEOPRENE)BASE
00585.10	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	STEELFLEX MODULAR EXPANS JOINT OK FOR 2008 SPECS	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503/646-0801	06/10/10	4128	Q	ANCHOR PER DET3150 SUBMIT DRAWINGS TO BRIDGE. MODELS: D160, D240, D320, D400 D480. OTHERS WITH EOR APPROVAL
00585.10	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	TECHSTAR LR (ROBEK) MEJS OK FOR 2008 SPECS.	TECHSTAR, INC WARREN BROWN 419/424-0888	03/10/11	4171	Q	SEND DRAWINGS TO BRIDGE. ANCHOR PER DET3150. LK VERSION REJECTED, BOX SHAPE ALSO SEE ID# 356.
00585.10	EXPANSION JOINT SYSTEM, MODULAR FOR MOVEMENTS OF > 3 1/2"	WABO MODULAR-STM W/SE GLAND OK FOR 2008 SPECS.	WATSON BOWMAN ACME 800/677-4922	03/10/11	616	Q	STM SERIES WITH SE GLAND. SEND DRAWINGS TO BRIDGE. ANCHOR PER DET3150.
00585.10	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.
00585.10	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	RJ SERIES STRIP SEAL TYPE A EXTRUSION, S-400 SEAL	R.J. WATSON, INC. 716/691-3301	06/11/09	1006	Q	SUBMIT DRAWINGS TO BRIDGE. ANCHOR PER BR145. OKAY FOR 2008 SPECS.

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00585.10	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	STEELFLEX SSPA W/L2-400,L2-500 OK FOR 2008 SPECS	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503/646-0801	06/10/10	1343	Q	ANCHOR PER BR145. DRWS TO BR. CONTRACTOR RESONSIBLE FOR ADD'L FORMING NECESSARY SINCE RAIL SHORTER THAN SD.
00585.10	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 BR145. CONTRACTOR RESPONSIBLE FOR ADD'L FORMING NECESSARY SINCE RAIL SHORTER THAN SD.
00585.10	EXPANSION JOINT SYSYTEM PREFORMED	NOMAFLEX	NOMACO 252/969-2970 ATLAS SUPPLY 800/806-7952	12/14/15	4935	A	NOT FOR STRUCTURAL APPLICATIONS OR CONCRETE PAVING
00591.00	SPRAY WATERPROOFING MEMBRANE WARRANTED LIQUID	MARK - 155 UREGRID SYSTEM	OLIN EPOXY POLY-CARB, INC DAN PATACCA 216/536-7777 FIELD OPT. 330/405-3311	03/14/12	4482	Q	MARK 155 SEALER & QUARTZ SAND MARK 155 MEMBRANE MARK 154 OVERLAY & AGGREGATE
00591.00	SPRAY WATERPROOFING MEMBRANE WARRANTED LIQUID	POLYFLEX BRIDGE DECK SYSTEM	WASSER COATING INC. 216/536-6777	02/19/15	4877	Q	POLYFLEX 111 PU PRIMER POLYFLEX 311 MEMBRANE POLYFLEX 411 SHEARCOAT & AGGREGATE POLYFLEX 511 TACKCOAT
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-3	WASSER 360/866-4517 800/627-2968	07/08/10	3380	Q	PRIMER-FERROX B 2.8 LO GLOSS TOP-FERROX A 2.8 HI GLOSS TOP-LUSTER 2.8
00594.11	REHAB COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM RC-2	WASSER 360/866-4517 800/627-2968	07/08/10	3377	Q	PRIMER-MC MIOZINC 2.8 INTERMEDIATE-FERROX B 2.8 LO GLOSS TOP-FERROX A 2.8 HI GLOSS TOP-LUSTER 2.8
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

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00594.11	SHOP & MAINT COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM SMC-2	SHERWIN WILLIAMS 360/609-1879 DERRICK CASTLE 913/481-0612	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-4	WASSER 360/866-4517 800/627-2968	07/08/10	3375	Q	PRIMER-MC ZINC 2.8 INTERMEDIATE-FERROX B 2.8 LO GLOSS TOP-FERROX A 2.8 HI GLOSS TOP-LUSTER 2.8
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 800/933-7452 THAD BROWN 425/486-5916	11/08/07	3381	Q	
00594.12	STRUCTURAL STEEL CAULK	STAMPEDE 1	SHERWIN WILLIAMS 360/609-1879 DERRICK CASTLE 913/481-0612	10/11/07	3383	Q	
00594.13	CHLORIDE REMOVER	CHLOR*RID	CHLOR*RID INTER.,INC 800/422-3217	01/21/14	4731	Q	SHALL BE DEEMED COMPATIBLE WITH COATING SYSTEM, BY THE COATING SYSTEM MANUFACTURE, CERT. LETTER
00594.13	CHLORIDE REMOVER	HOLDTIGHT 102	HOLDTIGHT SOLUTIONS 800/319-8802	01/21/14	4732	Q	SHALL BE DEEMED COMPATIBLE WITH COATING SYSTEM, BY THE COATING SYSTEM MANUFACTURE, CERT. LETTER

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00597.11	FILLERS & SEALERS FILLER	READY TO APPLY BLOCK FILLER B25W25	SHERWIN WILLIAMS 360/609-1879 DERRICK CASTLE 913/481-0612	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 360/609-1879 DERRICK CASTLE 913/481-0612	05/01/88	1719	A	SEALER FOR USE ON CONCRETE BLOCK BUILDINGS / WALLS. GOOD FOR TOP CAP.
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	A	WHITE, TOP SEALER FOR USE ON CONCR BLOCK BUILDINGS / WALLS. MAINTAIN 15 MILS (DRY) AFTER 2 COATS.
00745.00	ASPHALT COLD PATCH - HP 50# BAGS	HP ASPHALT COLD PATCH # 34977	CRAFCO INC. 800/528-8242 GREG SHARP 971/645-1826	01/14/10	3952	A	COMPLIES WITH OUR SPECS.
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	A	PART OF RESEARCH PROJECT 2002. WORKED WELL ON ROAD. PASSED LAB TESTS.
00745.00	ASPHALT COLD PATCH - HP BULK	TAG 8000	INFRATECH POLYMERS 604/888-8808	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 AND BAGS	EZ STREET	LAKESIDE INDUSTRIES RICK RAWLINGS 425/313-2681 CHRIS KING 503/222-6421	08/08/02	2407	A	MEETS SPECS.

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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	A	PART OF RESEARCH PROJECT 2002. WORKED WELL ON ROAD. PASSED LAB TESTS.
00745.00	ASPHALT COLD PATCH - HP BULK AND BAGS	UPM COLD MIX	UNIQUE PAVING MATERIALS 800/441-4880 JONH BISCHOFF 503/347-1596 PORTER YETT 503/282-3251 MOUNTAIN VIEW PAVING 541/488-7745	06/13/02	831	A	PART OF RESEARCH PROJECT 2002. DID WELL ON THE ROAD. PASSED LAB TESTS.
00745.22	ASPHALT RELEASE AGENT	AR-40/AR-50	KT CHEMICALS,INC 855/932-2228 KT SCIENTIFIC 855/972-7377	08/28/15	4918	A	
00745.22	ASPHALT RELEASE AGENT	BIG RED	TEXAS REFINERY, 800/827-0711 SCOTTSDALE, AZ 602/945-1710	01/11/96	1468	A	PASSED TESTS AT ARIZONA DOT FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	ASPHALT RELEASE AGENT	CLEARRELEASE	KT CHEMICALS,INC 855/932-2228	06/26/15	4888	A	NTPEP LISTED
00745.22	ASPHALT RELEASE AGENT	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	ASPHALT RELEASE AGENT	GREENGUARD ASPHALT RELEASE AGENT	BG CHEMICAL LP 800/725-8470	01/21/14	4678	A	NTPEP LISTED
00745.22	ASPHALT RELEASE AGENT	MAXI-KREME	GLOBAL CHEM-SOURCE 866/391-1126 OR 503/391-1126	08/11/11	4336	A	10:1 DILUTION RATIO TESTED.
00745.22	ASPHALT RELEASE AGENT	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.

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00745.22	ASPHALT RELEASE AGENT	SLIPEAZEE SB	ROCHESTER MIDLAND 800/726-4448 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	ASPHALT RELEASE AGENT	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	ASPHALT RELEASE AGENT	TEC-SHIELD	TEC-TEAM INDUSTRIES 800/700-2530	04/12/01	2321	A	PASSED TESTS AT ARIZONA DOT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	ASPHALT RELEASE AGENT	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	ASPHALT RELEASE AGENT	TIS 011 RELEASE AGENT	TECHNICAL INDUSTRIAL SALES 800/433-7826	12/14/06	3411	A	INDEPENDENTLY TESTED TO AZ TEST REQUIREMENTS @ 30:1. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.
00745.22	ASPHALT RELEASE AGENT	ZEP ASPHALT RELEASE FA MFG PRODUCT # 1083	ZEP, INC. 877/428-9937 OR 404/352-1680	05/12/11	2600	A	PASSED TESTS AT ARIZONA DOT.
00745.22	ASPHALT RELEASE AGENT	ZEP ASPHALT RELEASE R-6690 MFG PRODUCT # 0867	ZEP, INC. 877/428-9937 OR 404/352-1680	05/12/11	2602	A	PASSED TESTS AT ARIZONA DOT.
00745.22	ASPHALT RELEASE AGENT	ZEP PINNACLE ASPHALT RELEASE MFG PRODUCT # N896	ZEP, INC. 877/428-9937 OR 404/352-1680	08/11/11	4292	A	INDEPENDENTLY TESTED TO OUR REQUIREMENTS @ 5:1 & 15:1
00745.22	ASPHALT RELEASE AGENT FOR RUBBER	BLACK MAGIC FOR RUBBER	BG CHEMICAL 800/725-8470	01/13/11	1303	A	PASSED ARIZONA DOT TESTS DESIGNED FOR RUBBER TIRES, ETC FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.

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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.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ACCESS TILE SURFACE APPLIED TILE	ACCESS PRODUCTS 425/766-6234	05/14/09	3829	A	YELLOW MODELS: ACC-S-1X1, ACC-S-2X3,ACC-S-2X4,ACC-S-2X5, ACC-S-3X4, ACC-S-2X2CRV
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ANSWER 1.67" SURFACE TILE MODELS: 24S-1Y & 25S-1Y	ADA ANSWER INDUSTRIES 909/230-4064	06/11/09	3741	A	
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ARMORCAST DETECTABLE TILE	ARMORCAST PRODUCTS 909/772-1424	04/13/06	3301	A	MODELS:'A600****TADAYEL' WHERE **** IS THE SIZE.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ARMOR-TILE SURFACE APPLIED COLOR: FEDERAL YELLOW	ENGINEERED PLASTICS 800/682-2525 WHITE CAP 800/456-7445	05/08/03	2783	A	POLYMER COMPOSITE WITH ADHES AND MECHANICAL FASTENERS. MODELS: ADA-S-2436YW, ADA-S-2448YW, & ADA-S-2460YW.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	SAFE-STEP (CURED) MODEL: "SAFETY YELLOW"	TRANSPO INDUSTRIES 914/636-1000 BRIAN BUGGENHAGEN 503/956-1029	11/13/03	2879	A	POLYESTER POLYMER. PANELS ARE ABOUT 12" X 12" X 0.5" THICK. MFG RECOMMENDS A VARIETY OF ADHESIVES.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	SURFACE MOUNT COMPOSITE TILE 2436, 2448, 2460: RETY	ADA SOLUTIONS 800/372-0519	06/11/09	3865	A	
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	TUFTILE HIGH-IMPACT POLYMER TILES	TUFTILE, INC 847/307-3070	06/25/14	4758	A	
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ULTRA-ADA PADS - SURFACE MOUNT MODELS 0750, 0751, 0752,& 0753	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	06/12/08	3635	A	FLEXIBLE PAD.

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00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	DETECTABLE WARNING REDI-MAT MODELS: RMAY3630 & RMIY	DETECTABLE WARNING SYSTEMS 866/999-7452	05/13/10	3410	A	PEEL AND STICK WITH ADDITIONAL FASTENERS AND PERIMETER SEAL.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	DWT DETECTABLE WARNING TILE MODELS: SM2424, SM2436, SM2448	THREE D TRAFFIC WORKS 877/843-9757	11/13/08	3664	A	
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	DWT TOUGH-EZ TILE	THREE D TRAFFIC WORKS 877/843-9757	05/13/10	4094	A	ADHESIVE, FASTENERS, & SEAL. MODELS:TEZ2424SYW, TEZ2436SYW, TEZ2448SYW, TEZ2460SYW.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	TOPMARK DETECTABLE WARNING	FLINT TRADING-LKF DIV OF FLINT 336/475-6600 Gregg Ubelhart 206/963-5468	11/13/03	2866	A	THERMOPLASTIC. TORCH APPLIED. YELLOW MODELS: TMK4116600ASB, TMK4116040ASB, TMK4116800ASB, TMK4116700ASB, RADIUS 4116950.
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - YES	VANGUARD TRUNCATED DOME MODEL: 1A	TILCO VANGUARD 800/290-5700	08/08/02	2649	A	TRUNCATED DOME. LIQUID PRODUCT FOLLOW MANUFACTURER'S INSTRUCTIONS.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NA	MASCO CAST-IN-TACT3	MASONS SUPPLY 800/537-3407	06/11/09	3621	A	CEMENTITIOUS PANELS FEDERAL YELLOW
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ACCESS TILE REPL CAST IN PLACE TILE	ACCESS PRODUCTS 425/766-6234	05/14/09	3828	A	YELLOW MODELS: ACC-R-1X1, ACC-R-2X3,ACC-R-2X4,ACC-R-2X5, ACC-R-3X4, ACC-R-2X2CRV
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT 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.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ALERTCAST 2436AC-Y, 2448AC-Y, 2460AC-Y	CAPE FEAR SYSTEMS III 877/232-6287	03/06/13	4419	A	REPLACEABLE PANELS

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00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ANSWER 1.67" WET SET REPL TILE MODELS: 24C-1Y & 25C-1Y	ADA ANSWER INDUSTRIES 909/230-4064	04/09/09	3739	A	
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ARMORCAST WET SET REPLACEABLE	ARMORCAST PRODUCTS 909/772-1424	09/14/06	3328	A	MODELS: "A600****RADAYEL" WHERE **** = THE SIZE.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ARMOR-TILE CAST IN PLACE COLOR: FEDERAL YELLOW	ENGINEERED PLASTICS 800/682-2525 WHITE CAP 800/456-7445	05/08/03	2782	A	POLYMER COMPOSITE SET IN CONCR MODELS: ADA-C-2436YW, ADA-C-2448YW, & ADA-C-2460YW.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ARMOR-TILE REPL CAST IN PLACE COLOR: FEDERAL YELLOW	ENGINEERED PLASTICS 800/682-2525 WHITE CAP 800/456-7445	06/11/09	3858	A	MODELS: ATR2436Y, ART2448Y, ATR2460Y, & ATR3648Y.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	CAST-IN-PLACE COMPOSITE TILE 2436, 2448, 2460: PAVCIPY	ADA SOLUTIONS 800/372-0519	06/11/09	3866	A	COLOR OKAY
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	COMPOSITE WETSET REPLACEABLE TACTILE	ADA SOLUTIONS 800/372-0519	01/10/08	3582	A	FEDERAL YELLOW. MODELS: 2436REPY, 2448REPY, 2460REPY.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	DETECTASHIELD	MAHER PRODUCTS, INC 641/363-4330 LOGAN CONTRACTOR SUPPLY 515/253-9048	01/21/14	4672	A	CEMENTITIOUS PANELS YELLOW
00759.12	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. MODEL: "EZ IY 2424"
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	SAFE-STEP (FRESH) MODEL: "SAFETY YELLOW"	TRANSPO INDUSTRIES 914/636-1000 BRIAN BUGGENHAGEN 503/956-1029	11/13/03	2879	A	FOLLOW MFG INSTRUCTIONS.

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00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	TUFTILE HIGH-IMPACT POLYMER TILES	TUFTILE, INC 847/307-3070	06/25/14	4758	A	
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ULTRA-ADA PADS - CAST IN PLACE MODELS 0720, 0721, 0722,& 0723	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	06/12/08	3636	A	FLEXIBLE PAD WITH GALV MESH ON BOTTOM. WET SET.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ULTRA-ADA PADS COMPOSITE WET MODELS 0740, 0741, & 0742.	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211 SPILL CONTROL 253/862-2700	06/11/09	3809	A	WET SET.
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - YES	VISUL FLEX-STONE PANELS MODEL: MPN-MRBS0030	VISUL CORP. 865/566-5674	02/14/08	3460	A	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	
00760.00	POROUS PAVER-LIGHT DUTY	DRIVABLE GRASS	SOIL RETENTION 800/346-7995	04/17/12	4486	A	LIGHT TRAFFIC
00760.00	POROUS PAVER-LIGHT DUTY	ECO GRID/ECO RASTER E30	TARRAFIRM ENTERPRISES LTD. 604/910-8788 503/793-5775	08/08/14	4785	A	GRID, GRASS, GRAVEL, SAND POLYETHYLEN, LOW DENSITY 12.99"X12.99"X1.18

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00760.00	POROUS PAVER-LIGHT DUTY	ECO GRID/ECO RASTER E40	TARRAFIRM ENTERPRISES LTD. 604/910-8788 503/793-5775	08/08/14	4786	A	GRID, GRASS, GRAVEL, SAND POLYETHYLEN, LOW DENSITY 12.99"X12.99"X1.6
00760.00	POROUS PAVER-LIGHT DUTY	ECO GRID/ECO RASTER E50	TARRAFIRM ENTERPRISES LTD. 604/910-8788 503/793-5775	08/08/14	4776	A	GRID, GRASS, GRAVEL, SAND POLYETHYLEN, LOW DENSITY 12.99"X12.99"X1.96"
00760.00	POROUS PAVER-LIGHT DUTY	TYPAVE 25	AVINTIV (BERRY PLASTICS) 615/847-7500 ACF WEST 800/878-5115	06/06/16	4939	A	GRID, GRASS, GRAVEL RECYCLED HDPE 46"X46"X1"
00760.00	POROUS PAVER-MEDIUM DUTY	BODPAVE 85 POROUS PAVING GRIDS	FIBERWEB GEOSYNTHETICS 651/330-2920	10/11/12	4504	A	MODULAR CELLULAR GRASS PAVER RECYCLED HDPE
00760.00	POROUS PAVER-MEDIUM DUTY	ECO GRID/ECO RASTER E30	TARRAFIRM ENTERPRISES LTD. 604/910-8788 503/793-5775	08/08/14	4785	A	GRID, GRASS, GRAVEL, SAND POLYETHYLEN, LOW DENSITY 12.99"X12.99"X1.18
00760.00	POROUS PAVER-MEDIUM DUTY	ECO GRID/ECO RASTER E40	TARRAFIRM ENTERPRISES LTD. 604/910-8788 503/793-5775	08/08/14	4786	A	GRID, GRASS, GRAVEL, SAND POLYETHYLEN, LOW DENSITY 12.99"X12.99"X1.6
00760.00	POROUS PAVER-MEDIUM DUTY	ECO GRID/ECO RASTER E50	TARRAFIRM ENTERPRISES LTD. 604/910-8788 503/793-5775	08/08/14	4776	A	GRID, GRASS, GRAVEL, SAND POLYETHYLEN, LOW DENSITY 12.99"X12.99"X1.96"
00760.00	POROUS PAVER-MEDIUM DUTY	EZ ROLL GRASS PAVER	NDS 888/825-4716	03/06/13	4594	A	CELLULAR GRASS PAVER
00760.00	POROUS PAVER-MEDIUM DUTY	GRASSPAVE2 W/HYDROGROW	INVISIBLE STRUCTURES 303/395-1803	10/12/06	2402	A	MODULAR CELLULAR GRASS PAVER

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00760.00	POROUS PAVER-MEDIUM DUTY	GRASSY PAVERS	RK MANUFACTURING 800/957-5575 ACF WEST 800/878-5115	04/08/10	2483	A	PLASTIC
00760.00	POROUS PAVER-MEDIUM DUTY	TYPAVE 25	AVINTIV (BERRY PLASTICS) 615/847-7500 ACF WEST 800/878-5115	06/06/16	4939	A	GRID, GRASS, GRAVEL RECYCLED HDPE 46"X46"X1"
00811.00	CABLE BARRIER SYSTEM MASH TL-3 4 CABLE	BRIFEN O-POST	BRIFEN USA 866/427-4336 405/793-9500	04/07/16	4948	Q	6:1 OR FLATTER STEEL SLEEVES WITH CONCRET FOOTING
00811.00	CABLE BARRIER SYSTEM MASH TL-3 4 CABLE	CASS SAFETY SYSTEM (CASS S3 4:1)	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	01/21/14	4717	Q	4:1 OR FLATTER STEEL SLEEVES WITH CONCRETE FOOTING
00811.00	CABLE BARRIER TERMINAL TL-3	BRIFEN WRGT	BRIFEN USA 866/427-4336 405/793-9500	05/13/04	2970	Q	GATING DEVICE. AS WITH THE OTHERS, TERMINAL IS NOT PART OF LENGTH OF NEED.
00811.00	CABLE BARRIER TERMINAL TL-4	CASS TL-4 TERMINAL	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	03/08/07	3429	Q	
00811.00	GUARDRAIL RETRO-FIT CABLE BARRIER (TL-3)	RETRO-RAIL	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559	04/03/15	4879	A	MOUNT TO TOP OF GUARDRAIL RETRO-FIT TO RAISE GUARD RAIL HEIGHT
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.
00822.00	GLARE SHIELDS	CARSONITE GLARE BLADE	CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518	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	12/13/01	2506	A	TUBES, INDIVIDUALLY MOUNTED. LAB TEST WAS OUTSTANDING.
00822.00	GLARE SHIELDS	MODULAR GLARE SHIELDS	CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518	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
00830.00	IMPACT ATTENUATOR PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING.	UNIVERSAL TAU-II-R TL-2	LINDSAY TRANSPORTATION SOLUTIONS BARRIER SYSTEMS 707/374-6800	06/11/14	4771	Q	
00830.00	IMPACT ATTENUATOR PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	UNIVERSAL TAU-II-R TL-3	LINDSAY TRANSPORTATION SOLUTIONS BARRIER SYSTEMS 707/374-6800	06/11/14	4771	Q	
00830.00	IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-1 NON RE-DIRECTIVE, GATING.	EASI-CELL	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 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, A 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, A PERMANENT, NARROW SYSTEM NCHRP 350 TL-3 RE-DIRECTIVE, GATING	QUAD-TREND 350	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 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, B PERMANENT, NARROW APPS. NCHRP 350 TL-3	TREND 350 MEDIAN END TERMINAL	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	12/10/12	4568	Q	TESTED FOR IMPACT SPEEDS UP TO 60MPH LENGTH 27' WIDTH 28"
00830.00	IMPACT ATTENUATOR, B PERMANENT, NARROW APPS. NCHRP 350 TL-3 RE-DIRECTIVE, GATING	BRAKEMASTER 350	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 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.

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00830.00	IMPACT ATTENUATOR, B PERMANENT, NARROW APPS. NCHRP 350 TL-3 RE-DIRECTIVE, GATING	CAT-350 CRASH CUSHION	TRINITY INDUSTRIES, INC. MIKE MADDEN 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.
00830.00	IMPACT ATTENUATOR, C PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING	2005 SHORTRACC (TL-2)	TRINITY INDUSTRIES, INC. MIKE MADDEN 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, C PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING	2005 WIDETRACC (TL-2)	TRINITY INDUSTRIES, INC. MIKE MADDEN 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, C PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	QUEST 70 (TL-2)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	06/09/11	4372	Q	TESTED FOR IMPACT SPEEDS UP TO 45 MPH. THREE BAYS. ARRIVES FULLY ASSEMBLED.
00830.00	IMPACT ATTENUATOR, C PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	SHORTRACC (TL-2) WAS TRACC (TL-2)	TRINITY INDUSTRIES, INC. MIKE MADDEN 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, C 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, D PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	QUEST 70 (TL-2)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	06/09/11	4372	Q	TESTED FOR IMPACT SPEEDS UP TO 45 MPH. THREE BAYS. ARRIVES FULLY ASSEMBLED.
00830.00	IMPACT ATTENUATOR, D 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, E PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	2005 TRACC (TL-3)	TRINITY INDUSTRIES, INC. MIKE MADDEN 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.

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00830.00	IMPACT ATTENUATOR, E PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	X-TENUATOR	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	05/12/11	4359	Q	TESTED FOR IMPACT SPEEDS UP TO 60MPH
00830.00	IMPACT ATTENUATOR, E PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	QUEST 350	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	11/08/07	3138	Q	WATCH REPAIR COSTS. BETTER FOR LOW HIT AREAS.
00830.00	IMPACT ATTENUATOR, E PERMANENT NCRHP 350 TL-3 RE-DIRECTIVE, NON GATING.	WIDETRACC	TRINITY INDUSTRIES, INC. MIKE MADDEN 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, E 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, E PERMANENT, NARROW APPS NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	TRACC (TL-3)	TRINITY INDUSTRIES, INC. MIKE MADDEN 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, F PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	2005 WIDETRACC (TL-3)	TRINITY INDUSTRIES, INC. MIKE MADDEN 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, F PERMANENT NCRHP 350 TL-3 RE-DIRECTIVE, NON GATING.	WIDETRACC	TRINITY INDUSTRIES, INC. MIKE MADDEN 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, F 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, G PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	QUAD-GUARD II	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3872	Q	TESTED FOR IMPACT SPEEDS TO 45 MPH.

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00830.00	IMPACT ATTENUATOR, G PERMANENT, NARROW & WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING	QUAD-GUARD ELITE - 7 BAY	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 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, G PERMANENT, NARROW & WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	SCI70GM	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100	12/14/06	3110	Q	LOW MAINTENANCE UNIT. TESTED FOR IMPACT SPEEDS UP TO 45 MPH. NARROW OR WIDE APPS.
00830.00	IMPACT ATTENUATOR, G PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD (TL-2) 24", 30", 36", 70",& 90" OBST.	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	01/08/09	3436	Q	LOW MAINTENANCE
00830.00	IMPACT ATTENUATOR, G PERMANENT, NARROW APPS NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	REACT 350-NARROW (TL2) (36" OBSTACLE)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	03/08/07	3438	Q	TESTED FOR IMPACT SPEEDS UP TO 45 MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, H PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	QUAD-GUARD II	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3872	Q	TESTED FOR IMPACT SPEEDS TO 45 MPH.
00830.00	IMPACT ATTENUATOR, H PERMANENT, NARROW & WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING	QUAD-GUARD ELITE - 7 BAY	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 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, H PERMANENT, NARROW & WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	SCI70GM	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100	12/14/06	3110	Q	LOW MAINTENANCE UNIT. TESTED FOR IMPACT SPEEDS UP TO 45 MPH. NARROW OR WIDE APPS.
00830.00	IMPACT ATTENUATOR, H PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD (TL-2) 24", 30", 36", 70",& 90" OBST.	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	01/08/09	3436	Q	LOW MAINTENANCE
00830.00	IMPACT ATTENUATOR, H PERMANENT, WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	REACT 350-WIDE (TL2) (60" & 90" OBSTACLES)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	03/08/07	3437	Q	TESTED FOR IMPACT SPEEDS UP TO 45 MPH. LOW MAINTENANCE.

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00830.00	IMPACT ATTENUATOR, J PERMANENT MASH 2009 TL-3 RE-DRECTIVE, NON GATING	QUADGUARD M10	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	05/14/12	4492	Q	TESTED FOR SPEEDS UP TO 60 MPH WIIDTHS 90",69", 36",30", 24" 22' LENGTH
00830.00	IMPACT ATTENUATOR, J PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	QUAD-GUARD II	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3872	Q	TESTED FOR IMPACT SPEEDS TO 60 MPH.
00830.00	IMPACT ATTENUATOR, J PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD (TL-3) 24", 30", 36", 70",90",& 120"W	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	01/08/09	1572	Q	PROTECT ROADSIDE AND MEDIAN OBSTACLES AND HAZARDS. TESTED FOR IMPACT SPEEDS TO 60 MPH. LOW MAINTENANCE
00830.00	IMPACT ATTENUATOR, J PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD ELITE - 11 BAY	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 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, J PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD ELITE - 8 BAY	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/14/11	4414	Q	8 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 100KPH/60MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, J PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	SCI100GM	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100	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, J PERMANENT, NARROW APPS NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	REACT 350 II	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	03/30/12	4483	Q	TESTED FOR IMPACT SPEEDS TO 60MPH LOW MAINTENANCE
00830.00	IMPACT ATTENUATOR, J PERMANENT, NARROW APPS NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	REACT 350-NARROW (TL3)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	08/10/95	1364	Q	TESTED FOR IMPACT SPEEDS UP TO 100KPH/60MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, J * NO GORE LOCATION >25K ADT NCHRP 350 TL-3	HEART	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	07/09/09	3649	Q	HDPE SIDE PANELS AND ROUNDED FRONTAL NOSE PIECE. DAMAGE FROM SIDE IMPACTS COULD BE HIGHER THAN LOW MAINT.

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00830.00	IMPACT ATTENUATOR, K PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	QUAD-GUARD II	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/09/09	3872	Q	TESTED FOR IMPACT SPEEDS TO 60 MPH.
00830.00	IMPACT ATTENUATOR, K PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD (TL-3) 24", 30", 36", 70",90",& 120"W	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	01/08/09	1572	Q	PROTECT ROADSIDE AND MEDIAN OBSTACLES AND HAZARDS. TESTED FOR IMPACT SPEEDS TO 60 MPH. LOW MAINTENANCE
00830.00	IMPACT ATTENUATOR, K PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD ELITE - 11 BAY	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 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, K PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD ELITE - 8 BAY	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	07/14/11	4414	Q	8 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 100KPH/60MPH. LOW MAINTENANCE.
00830.00	IMPACT ATTENUATOR, K PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	SCI100GM	WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100	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, K PERMANENT, WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	REACT 350-WIDE (TL3) (60", 96", & 120" OBSTACLES)	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 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, L PERMANENT, NARROW & WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	QUAD-GUARD HS	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	01/08/09	2570	Q	9 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 113KPH/70MPH. LOW MAINTENANCE
00830.00	IMPACT ATTENUATOR, M PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	2005 FASTRACC	TRINITY INDUSTRIES, INC. MIKE MADDEN 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, M PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.	QUEST 115 SYSTEM	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	11/08/07	3555	Q	TESTED FOR IMPACT SPEEDS UP TO 70 MPH.
00830.00	IMPACT ATTENUATOR, M PERMANENT, NARROW & WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.	UNIVERSAL TAU-II (HS)	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967	03/12/09	2961	Q	FHWA APPROVED
00840.10	DELINEATOR - TYPE 2	CURV-FLEX ROADMARKER CFRM-400	CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518	05/01/88	1503	A	PULTRUDED FIELD MEASURE LENGTHS, SEE SEE STANDARD DRAWING
00840.10	DELINEATOR - TYPE 2	FLEXSTAKE MODEL 600	FLEXSTAKE, INC. 800/348-9839 JIM ZADRONZNY PUBLIC WORKS SUPPLY 800/754-6551	10/11/01	823	A	PLASTIC ANCHOR, USE HINGE. USE H.I. SHEETING. FIELD MEASURE LENGTHS, SEE STANDARD DRAWING.
00840.10	DELINEATOR - TYPE 2	ROADMARKER CRM-375	CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518	05/01/88	1504	A	FIELD MEASURE LENGTHS, SEE STANDARD DRAWING
00840.10	DELINEATOR - TYPE 2	SAFE-HIT, TYPE II	SAFE-HIT CORP. 888/323-6374 DAN MCCARTHY 760/518-9929	05/01/88	1029	A	ROUND TUBE W/FLAT FACE. GALV DRIVEN ANCHOR. TWIST/PIN LOCK. FIELD MEASURE LENGTHS, SEE STANDARD DRAWING.
00840.10	DELINEATOR - TYPE 3	SAFE-HIT, TYPE III	SAFE-HIT CORP. 888/323-6374 DAN MCCARTHY 760/518-9929	05/01/88	1030	A	ROUND TUBE W/ROUND FACE. 18" GALV ANCHOR. TWIST/PIN LOCK. FIELD MEASURE LENGTHS, SEE STANDARD DRAWINGS
00840.10	DELINEATOR - TYPE 3 FLEXIBLE ROUND	TD5500 EARTHFLEX 553604	THREE D TRAFFIC WORKS 877/843-9757	01/28/15	4769	A	48" ROUND TUBE 18" GALV ANCHOR HINGE FASTENERS WHITE & YELLOW
00840.10	DELINEATOR - TYPE 3 FLEXIBLE ROUND	TD5500 EARTHFLEX 553604P2-18	THREE D TRAFFIC WORKS 877/843-9757	01/28/15	4770	A	48" ROUND TUBE 18" GALV ANCHOR S HINGE CLEVIS PIN WHITE & YELLOW

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00840.10	DELINEATOR - TYPE 3 FLEXIBLE ROUND	TD5500 EARTHFLEX 555710	THREE D TRAFFIC WORKS 877/843-9757	01/28/15	4768	A	66" ROUND TUBE 18" GALV ANCHOR HINGE FASTENERS WHITE & YELLOW
00840.10	DELINEATOR - TYPE 3 FLEXIBLE ROUND	TD5500 EARTHFLEX 555710P2-18	THREE D TRAFFIC WORKS 877/843-9757	01/28/15	4767	A	66" ROUND TUBE 18" GALV ANCHOR S HINGE CLEVIS PIN WHITE & YELLOW
00840.10	DELINEATOR - TYPE 4 ALT 1 GUARDRAIL VERSION	CURV-FLEX ROADMARKER CFGR-427	CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518	11/14/96	1591	A	THE STANDARD DRW REQUIRES 4 LAG SCREWS TO ANCHOR UNIT.
00840.10	DELINEATOR - TYPE 4 ALT 1 GUARDRAIL VERSION	FLEXI-GUIDE 527 (FG-527)	PEXCO LLC-DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	07/09/98	1636	A	NTPEP TEST DATA LOOKED GOOD FOR STAND ALONE APPLICATIONS.
00840.10	DELINEATOR - TYPE 4 ALT 1 GUARDRAIL VERSION	TD9100 MODEL 510242 GUARDFLEX	THREE D TRAFFIC WORKS 877/843-9757	04/14/05	2696	A	
00840.10	DELINEATOR - TYPE 4 ALT 2	DELINEATOR TYPE 4 ALT 2	FRANKLIN INDUSTRIES 814/437-3726 TRAFFIC SAFETY 800/547-8518	12/18/12	4572	A	CLOSE TO REQUIRED DIMENSIONS STEEL
00840.10	DELINEATOR - TYPE 5 BARRIER MARKER	ASTRO OPTICS JD-1 & JD-2	ASTRO OPTICS LLC 847/488-9151 GARY KINBERG 847/951-3915	06/09/11	726	A	PRISMATIC LENS ON PLASTIC MARKER. JD-1: SIDE MOUNT, JD-2: TOP MOUNT.
00840.10	DELINEATOR - TYPE 5 BARRIER MARKER	BARRIER TRAFFIC REFLECTOR 7" & 11" TALL	IRWIN HODSON COMPANY 503/419-4624	08/28/13	4666	A	ALUMINUM SUBSTRATE
00840.10	DELINEATOR - TYPE 5 BARRIER MARKER	PCBM-9CM BARRIER REFLECTOR	PEXCO LLC-DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	08/10/00	2267	A	PRISMATIC PLASTIC UNITS MOUNTED ON FRONT OF PLASTIC FLANGE.

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00840.10	DELINEATOR - TYPE 6 BUTTERFLY	BUTTERFLY GR MARKER MODEL 8BO HI AND DG SHEETING	PEXCO LLC-DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	06/09/11	4343	A	BOLTED ON VERSION
00840.10	DELINEATOR - TYPE 6 BUTTERFLY	BUTTERFLY GR MARKER MODEL 8GO HI AND DG SHEETING	PEXCO LLC-DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518	06/09/11	4344	A	GLUED ON VERSION
00840.10	DELINEATOR - TYPE 6 BUTTERFLY FOR GUARDRAIL	ASTRO OPTICS AGR-1 & AGR-2	ASTRO OPTICS LLC 847/488-9151 GARY KINBERG 847/951-3915	06/09/11	3136	A	PLASTIC UNIT THAT FITS IN THE W SHAPE OF THE GUARDRAIL.
00840.10	DELINEATOR - TYPE 6 BUTTERFLY FOR GUARDRAIL	BUTTERFLY REF. TAB CRYSTAL 2 SIDES HI AND DG SHEETING	UNIVERSAL INDUSTRIAL SALE, INC 801/785-0505	06/27/16	4958	A	BOLTED ON BANJO SLOT FOR BOLT 12 GAUGE GAURDRAIL MATERIAL
00840.10	DELINEATOR REFLECTOR CENTER MOUNT FOR TYPES 1, 1U, & 4A2	ASTRO OPTICS RT-90	ASTRO OPTICS LLC 847/488-9151 GARY KINBERG 847/951-3915	06/09/11	3851	A	PLASTIC PRISMATIC REFLEX UNIT. NOT FOR FLEXIBLE DELINEATORS. ROUND.
00850.00	REFLECTIVE ELEMENTS FOR PAVEMENT MARKINGS MMA	SWARCO 3131 BLEND	SWARCO INDUSTRIES 931/388-5900 MARK COLOMBO: 314/729-7197 MFG: 254/562-9879 TECH: 314/729-7197	08/28/12	3894	A	COATED FOR USE WITH MMA
00850.00	REFLECTIVE ELEMENTS FOR PAVEMENT MARKINGS MMA	SWARCO 3132 BLEND	SWARCO INDUSTRIES 931/388-5900 MARK COLOMBO: 314/729-7197 MFG: 254/562-9879 TECH: 314/729-7197	08/28/12	3895	A	COATED FOR USE WITH MMA
00850.00	REFLECTIVE ELEMENTS FOR PAVEMENT MARKINGS RECYCLED - REGULAR	POTTERS	POTTERS INDUSTRIES, INC. 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:
00850.00	REFLECTIVE ELEMENTS FOR PAVEMENT MARKINGS THERMOPLASTIC	SWARCO 3130 BLEND	SWARCO INDUSTRIES 931/388-5900 MARK COLOMBO: 314/729-7197 MFG: 254/562-9879 TECH: 314/729-7197	10/14/10	3893	A	DESIGNED WITH A COATING THAT IS GOOD WITH THERMOPLASTIC MARKINGS.

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00855.00	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.
00855.00	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.
00855.00	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.
00855.00	MARKER ADHESIVE - BITUMIN STANDARD	EVERGRIP-OR # 172542	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.
00855.00	MARKER ADHESIVE - BITUMIN STANDARD	HENRY # 193 DOT STICK ADHESIVE	HENRY CO. 800/851-1131 ALPINE PRODUCTS 800/591-9566	10/09/08	2803	Q	OK - PERM JOBS BID UNTIL 1/06. OK - TEMP JOBS, NO DATE LIMIT. TESTING NOT NEEDED FOR TEMP PROJECTS.
00855.00	MARKER ADHESIVE - EPOXY	FIRMMARKER	FORREST TECHNICAL COATINGS 503/502-3449 TRAFFIC SAFETY SUPPLY 503/235-8531	10/01/15	4924	Q	
00855.00	MARKER ADHESIVE - EPOXY	POLYCARB MARK 29	OLIN EPOXY POLY-CARB 800/225-5649 DAN PATACCA 216/536-7777	07/14/05	2476	Q	
00855.00	MARKER ADHESIVE - EPOXY	POLY-CARB MARK 29.9	OLIN EPOXY POLY-CARB 800/225-5649 DAN PATACCA 216/536-7777	05/12/11	4361	Q	
00855.00	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	3-M 290	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	03/22/12	1632	A	PASSED LAB TESTS. BODY MADE OF ENGINEERED THERMOPLASTIC. MFG RECOM BIT OR EPOXY ADHESIV

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00855.00	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	APEX 921AR PAVEMENT MARKER	APEX UNIVERSAL 562/944-8878	09/17/14	4808	A	
00855.00	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	RAY-O-LITE ALL ACRYLIC WHITE: #AA1W; YELLOW: #AA2A	RAY-O-LITE, DIV OF PAC-TEC 800/848-7025 ALPINE PRODUCTS 253/838-4318 TRAFFIC SAFETY 800/547-8518	12/09/99	529	A	SIZE: 4" X 4" X .7". BIT OR EPOXY ADHESIVES. LABS 91-7335 AND 91-7336
00855.00	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	STIMSONITE 88	ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118	12/13/07	693	A	SIZE: 4" X 4" X .7". EPOXY OR BIT ADHESIVE. SAME AS MODEL 911 BUT W/O GLASS FACE.
00855.00	PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED	STIMSONITE 911	ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118	12/13/07	629	A	SIZE: 4" X 4" X .7". EPOXY OR BIT ADHESIVE. MODEL 911 HAS GLASS FACE.
00855.00	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED ABRASIVE RESISTANT	3-M 290	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	03/22/12	1632	A	PASSED LAB TESTS. BODY MADE OF ENGINEERED THERMOPLASTIC. MFG RECOM BIT OR EPOXY ADHESIV
00855.00	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED ABRASIVE RESISTANT	APEX 921AR PAVEMENT MARKER	APEX UNIVERSAL 562/944-8878	09/17/14	4808	A	
00855.00	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED ABRASIVE RESISTANT	STIMSONITE C80	ENNIS-FLINT 800/331-8118	04/08/14	4759	A	SIZE: 4.5" X 3.2" X 0.75" EPOXY OR BIT ADHESIVE
00855.00	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED, ABRASIVE RESISTANT	RAY-O-LITE ALL ACRYLIC ARC II WHITE: ARC1W; YELLOW: ARC2A	RAY-O-LITE, DIV OF PAC-TEC 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".
00855.00	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED, ABRASIVE RESISTANT	STIMSONITE 911	ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118	12/13/07	629	A	SIZE: 4" X 4" X .7". EPOXY OR BIT ADHESIVE. MODEL 911 HAS GLASS FACE.

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00855.00	PAVEMENT MARKER, TYPE 2 NON-REFLECTORIZED	DIAMOND BACK - POLYPROPYLENE	INTERSTATE SALES 800/237-7245	09/13/01	2235	A	APPROVED FOR USE WITH BITUMINOUS ADHESIVES ONLY. IS ON CALTRANS & WSDOT QPL'S. 4" DIAMETER.
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	TD5200-526859WFB/526859YFB	THREE D TRAFFIC WORKS 877/843-9757	04/14/11	3598	Q	28" TALL
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	IRS 3" TUFF POST TUBULAR MARKER	IMPACT RECOVERY SYSTEMS 800/736-5256	01/26/12	4557	Q	36" & 48" Tall White or Yellow
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	TD5200-526950WFB	THREE D TRAFFIC WORKS 877/843-9757	04/14/11	3706	Q	WHITE - 36" TALL
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	TD5200-526963YFB	THREE D TRAFFIC WORKS 877/843-9757	04/14/11	3707	Q	YELLOW - 36" TALL
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	TD5200-527223WFB/527223YFB	THREE D TRAFFIC WORKS 877/843-9757	04/14/11	3596	Q	48" TALL
00856.10	MARKERS, TUBULAR SURFACE MOUNTED 28" & 36" HEIGHT	DURAPOST	SAFE-HIT CORP. 888/323-6374 DAN MCCARTHY 760/295-2699	01/21/14	1182	Q	100% URETHANE PLASTIC, PIN AT BASE HOLDS TOP ON. PRODUCT IS 3" DIA.
00860.00	LONGITUDINAL PAINT WATERBORNE	COLUMBIA 17-123 CC	COLUMBIA PAINT A DIV OF SHERWIN WILLIAMS NEAL SHERMERHORN 832/444-9168	07/14/11	2366	A	INSTANT DRY ACRYLIC LATEX YELLOW TEST DECK 73000042-99
00860.00	LONGITUDINAL PAINT WATERBORNE	COLUMBIA 17-123 WW	COLUMBIA PAINT A DIV OF SHERWIN WILLIAMS NEAL SHERMERHORN 832/444-9168	07/14/11	2364	A	INSTANT DRY ACRYLIC LATEX WHITE TEST DECK 73000042-99

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00860.00	LONGITUDINAL PAINT WATERBORNE	ENNIS ORW-21-M-4 983711	ENNIS PAINT 800/331-8118	12/12/02	2735	A	TEST DECK 73000029-01
00860.00	LONGITUDINAL PAINT WATERBORNE	ENNIS ORY-21-M-1 983712	ENNIS PAINT 800/331-8118	11/16/00	2360	A	YELLOW WATERBORNE TRAFFIC PNT. TEST DECK 73000042-99
00860.00	LONGITUDINAL PAINT WATERBORNE	TMT PATHWAY O600W2 983721	ENNIS PAINT 800/331-8118 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
00860.00	LONGITUDINAL PAINT WATERBORNE	TMT PATHWAY O600Y3 983722	ENNIS PAINT 800/331-8118 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
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED METHYL METHACRYLATE	DURASET 3 - WHITE (999441W2)	ENNIS PAINT 800/331-8118	11/12/09	3069	Q	TESTED ON ROUTE 22 8/17/04 #2.
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED METHYL METHACRYLATE	DURASET 3 - WHITE (999441W3)	ENNIS PAINT 800/331-8118	11/12/09	3070	Q	TESTED ON ROUTE 22 8/17/04 #3.
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y2)	ENNIS PAINT 800/331-8118	11/12/09	3074	Q	TESTED ON ROUTE 22 8/17/04 #7.
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y3)	ENNIS PAINT 800/331-8118	11/12/09	3075	Q	TESTED ON ROUTE 22 8/17/04 #8.
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.

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00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	AQUALITE - WHITE (884411)	ENNIS PAINT 800/331-8118	09/09/10	1348	Q	THERMOPLASTIC LINE WITH BUMPS BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	AQUALITE - YELLOW (885301)	ENNIS PAINT 800/331-8118	10/14/10	3081	Q	TESTED ON ROUTE 22 8/17/04 #14 BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	BRITE-LINE PROFILE THERMO B HWE07801B WHITE SWARCO 3130 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	06/10/10	4161	Q	BEAD: SWARCO 3130
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	BRITE-LINE PROFILE THERMO HWE07801 WHITE AASHTO TYPE 1 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 916/691-1248 BILL JUBAK: 702/649-9223	07/08/10	1347	Q	AASHTO TYPE 1 BEADS. WAS VIBRALINE.
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	BRITE-LINE THERMO HYE7702 YELLOW AASHTO TYPE 1 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	07/31/12	4232	Q	2010 TEST DECK
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	BRITE-LINE THERMO HYE7702B YELLOW SWARCO 3130 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	07/31/12	4233	Q	2010 TEST DECK
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	PERMALINE - WHITE (884029) PRIMERLESS	ENNIS PAINT 800/331-8118	09/09/10	1778	Q	MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. 120 MILS AS SPECIFIED. BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED THERMOPLASTIC	PERMALINE - YELLOW (885300)	ENNIS PAINT 800/331-8118	09/09/10	3080	Q	TESTED ON ROUTE 22 8/17/04 #13 BEADS: SWARCO 3130

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00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED METHYL METHACRYLATE	DURASET 3 - WHITE (999441W2)	ENNIS PAINT 800/331-8118	11/12/09	3069	Q	TESTED ON ROUTE 22 8/17/04 #2.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED METHYL METHACRYLATE	DURASET 3 - WHITE (999441W3)	ENNIS PAINT 800/331-8118	11/12/09	3070	Q	TESTED ON ROUTE 22 8/17/04 #3.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y2)	ENNIS PAINT 800/331-8118	11/12/09	3074	Q	TESTED ON ROUTE 22 8/17/04 #7.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y3)	ENNIS PAINT 800/331-8118	11/12/09	3075	Q	TESTED ON ROUTE 22 8/17/04 #8.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	AQUALITE - WHITE (884411)	ENNIS PAINT 800/331-8118	09/09/10	1348	Q	THERMOPLASTIC LINE WITH BUMPS BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	AQUALITE - YELLOW (885301)	ENNIS PAINT 800/331-8118	10/14/10	3081	Q	TESTED ON ROUTE 22 8/17/04 #14 BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	BRITE-LINE PROFILE THERMO B HWE07801B WHITE SWARCO 3130 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	06/10/10	4161	Q	BEAD: SWARCO 3130

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00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	BRITE-LINE PROFILE THERMO HWE07801 WHITE AASHTO TYPE 1 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 916/691-1248 BILL JUBAK: 702/649-9223	07/08/10	1347	Q	AASHTO TYPE 1 BEADS. WAS VIBRALINE.
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	BRITE-LINE THERMO HYE7702 YELLOW AASHTO TYPE 1 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	07/31/12	4232	Q	2010 TEST DECK
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	BRITE-LINE THERMO HYE7702B YELLOW SWARCO 3130 BEAD	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	07/31/12	4233	Q	2010 TEST DECK
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	PERMALINE - WHITE (884029) PRIMERLESS	ENNIS PAINT 800/331-8118	09/09/10	1778	Q	MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. 120 MILS AS SPECIFIED. BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED THERMOPLASTIC	PERMALINE - YELLOW (885300)	ENNIS PAINT 800/331-8118	09/09/10	3080	Q	TESTED ON ROUTE 22 8/17/04 #13 BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED SURFACE PROFILED METHYL METHACRYLATE	DURASET 3 - WHITE (999441W2)	ENNIS PAINT 800/331-8118	11/12/09	3069	Q	TESTED ON ROUTE 22 8/17/04 #2.
00865.00	METHOD A EXTRUDED SURFACE PROFILED METHYL METHACRYLATE	DURASET 3 - WHITE (999441W3)	ENNIS PAINT 800/331-8118	11/12/09	3070	Q	TESTED ON ROUTE 22 8/17/04 #3.
00865.00	METHOD A EXTRUDED SURFACE PROFILED METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y2)	ENNIS PAINT 800/331-8118	11/12/09	3074	Q	TESTED ON ROUTE 22 8/17/04 #7.
00865.00	METHOD A EXTRUDED SURFACE PROFILED METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y3)	ENNIS PAINT 800/331-8118	11/12/09	3075	Q	TESTED ON ROUTE 22 8/17/04 #8.

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00865.00	METHOD A EXTRUDED SURFACE PROFILED METHYL METHACRYLATE	OPTIMARK - BRIDGELINE YELLOW SWARCO 3132	ROAD OPTIC INC. 503/871-1471	03/02/15	3835	Q	2012 TEST DECK MY0031
00865.00	METHOD A EXTRUDED SURFACE PROFILED METHYL METHACRYLATE	OPTIMARK - BRIDGELINE WHITE SWARCO 3132	ROAD OPTIC INC. 503/871-1471	03/02/15	3835	Q	2012 TEST DECK MW0031
00865.00	METHOD A EXTRUDED SURFACE PROFILED THERMOPLASTIC	AQUALITE - WHITE (884411)	ENNIS PAINT 800/331-8118	09/09/10	1348	Q	THERMOPLASTIC LINE WITH BUMPS BEADS: SWARCO 3130
00865.00	METHOD A EXTRUDED SURFACE PROFILED THERMOPLASTIC	AQUALITE - YELLOW (885301)	ENNIS PAINT 800/331-8118	10/14/10	3081	Q	TESTED ON ROUTE 22 8/17/04 #14 BEADS: SWARCO 3130
00865.00	METHOD B SPRAYED SURFACE METHYL METHACRYLATE	DURASET 3 - WHITE (999441W2)	ENNIS PAINT 800/331-8118	11/12/09	3069	Q	TESTED ON ROUTE 22 8/17/04 #2.
00865.00	METHOD B SPRAYED SURFACE METHYL METHACRYLATE	DURASET 3 - WHITE (999441W3)	ENNIS PAINT 800/331-8118	11/12/09	3070	Q	TESTED ON ROUTE 22 8/17/04 #3.
00865.00	METHOD B SPRAYED SURFACE METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y2)	ENNIS PAINT 800/331-8118	11/12/09	3074	Q	TESTED ON ROUTE 22 8/17/04 #7.
00865.00	METHOD B SPRAYED SURFACE METHYL METHACRYLATE	DURASET 3 - YELLOW (999441Y3)	ENNIS PAINT 800/331-8118	11/12/09	3075	Q	TESTED ON ROUTE 22 8/17/04 #8.
00865.00	METHOD B SPRAYED SURFACE METHYL METHACRYLATE	DURASET 5 - WHITE (999655W)	ENNIS PAINT 800/331-8118	01/14/10	2826	Q	TESTED DECK '03 LINE 27 & 28. CODE: 999655W CAT: 999655C 4:1 RATIO.

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00865.00	METHOD B SPRAYED SURFACE METHYL METHACRYLATE	DURASET TYPE 5 (999655-Y1)	ENNIS PAINT 800/331-8118	05/13/10	4014	Q	TESTED ON ROUTE 22 2007 #89
00865.00	METHOD B SPRAYED SURFACE THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.
00865.00	METHOD B SPRAYED SURFACE THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00865.00	METHOD B SPRAYED SURFACE THERMOPLASTIC	PERMALINE - WHITE (884029) PRIMERLESS	ENNIS PAINT 800/331-8118	09/09/10	1778	Q	MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. 120 MILS AS SPECIFIED. BEADS: SWARCO 3130
00865.00	METHOD B SPRAYED SURFACE THERMOPLASTIC	PERMALINE - YELLOW (885300)	ENNIS PAINT 800/331-8118	09/09/10	3080	Q	TESTED ON ROUTE 22 8/17/04 #13 BEAD: SWARCO 3130
00865.00	METHOD C TAPE ROLLED IN & GROOVED NON-PATTERNED	BRITE-LINE 1000 WHITE & YELLOW	BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223	11/12/09	789	Q	NO F MIX APPLICATIONS. MAY NEED PRIMER. WAS METHOD G
00865.00	METHOD C TAPE ROLLED IN & GROOVED PATTERNED	3-M STAMARK 380I ES SERIES WHITE: 380IES & YELLOW: 381IES	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	09/11/08	2934	Q	2005 TEST DECK. MET THE WARRANTY REQUIREMENTS. EXTRA STICKY VERSION. WAS METHOD G
00865.00	METHOD C TAPE ROLLED IN & GROOVED PATTERNED, (CONTRAST)	3-M STAMARK 380-5	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	07/13/00	1410	Q	CONTRAST TAPE WITH BLACK ON EACH SIDE OF 4" WHITE. WAS METHOD G
00865.00	METHOD C TAPE ROLLED IN & GROOVED PATTERNED, (CONTRAST) WET WEATHER	3-M SERIES 380AW,381AW,& 380-5AW	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	08/11/11	3915	Q	2010 TEST DECK # 47 & 48. MICRO-CRYSTALINE BEADS 3-M SERIES 380-5AW CONTRAST WAS METHOD G

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00865.00	METHOD D WET WEATHER EXTRUDED/GROOVED NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER EXTRUDED/GROOVED NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER EXTRUDED/SURFACE NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER EXTRUDED/SURFACE NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER SPRAYED/GROOVED NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER SPRAYED/GROOVED NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER SPRAYED/SURFACE NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (W) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3662	Q	2010 TEST DECK.
00865.00	METHOD D WET WEATHER SPRAYED/SURFACE NON-PROFILED THERMOPLASTIC	3-M ALL WEATHER THERMO HP (Y) ALL WEATHER CERAMIC 90 BEAD	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	06/10/10	3663	Q	2010 TEST DECK.
00866.00	LONGITUDINAL, HP METHOD 2 - SPRAY GROOVED HI-BUILD PAINT 25 MILS	3-M AWP SERIES 90 LARGE BEAD BASE	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	08/13/09	3917	Q	3M REFLECTIVE ELEMENTS 90% WET & 10% DRY

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00866.00	LONGITUDINAL, HP METHOD 2 - SPRAY GROOVED PLURAL COMPONENT EPOXY	EPOPLEX LS65QS WHITE & YELLOW	EPOPLEX CORP BOB CASEY 801/619-1442	06/10/15	4669	Q	TEST DECK 2012 TWO REFLECTIVE ELEMENT DROP ON OPTIONS. (1) VISIBEAD & POTTER TYPE 1 50%/50% (2) VISIMAX & POTTERS TYPE 1 50%/50%
00866.00	LONGITUDINAL, HP METHOD 2 - SPRAY GROOVED PLURAL COMPONENT MODIFIED URETHANE, 25 MIL	HPS-4	ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118	08/11/11	1979	Q	TESTED IN R-4 AND R-5 WITH GOOD SUCCESS.
00866.00	LONGITUDINAL, HP METHOD 2 - SPRAY SURFACE HI-BUILD PAINT 25 MILS	3-M AWP SERIES 90 LARGE BEAD BASE	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	08/13/09	3917	Q	3M REFLECTIVE ELEMENTS 90% WET & 10% DRY
00866.00	LONGITUDINAL, HP METHOD 2 - SPRAY SURFACE HI-BUILD PAINT 25 MILS	ENNIS HB WATERBORNE 985221 WHITE	ENNIS PAINT 800/331-8118	01/14/10	4008	Q	TEST DECK: 2005 - LINE# 46.
00866.00	LONGITUDINAL, HP METHOD 2 - SPRAY SURFACE HI-BUILD PAINT 25 MILS	ENNIS HB WATERBORNE 985222 YELLOW LF	ENNIS PAINT 800/331-8118	01/14/10	4009	Q	TEST DECK: 2005 - LINE# 47.
00866.00	LONGITUDINAL, HP METHOD 2 - SPRAY SURFACE PLURAL COMPONENT EPOXY	EPOPLEX LS65QS WHITE & YELLOW	EPOPLEX CORP BOB CASEY 801/619-1442	06/10/15	4669	Q	TEST DECK 2012 TWO REFLECTIVE ELEMENT DROP ON OPTIONS. (1) VISIBEAD & POTTER TYPE 1 50%/50% (2) VISIMAX & POTTERS TYPE 1 50%/50%
00866.00	LONGITUDINAL, HP METHOD 2 - SPRAY SURFACE PLURAL COMPONENT MODIFIED URETHANE,25 MIL	HPS-4	ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118	08/11/11	1979	Q	
00866.00	LONGITUDINAL, HP METHOD 2 - SPRAY SURFACE PLURAL COMPONENT POLYUREA, 20 MILS, SPRAY	EPOPLEX LS90	EPOPLEX CORP BOB CASEY 801/619-1442	11/12/09	2817	Q	TEST DECK: 2006 63 & 64
00867.00	TRANSVERSE MARKING TYPE A STANDARD HOT POURED THERMOPLASTIC	PERMALINE 884029 PRIMERLESS	ENNIS PAINT 800/331-8118	09/09/10	1778	Q	WHITE: 884029 NO PRIMER NEEDED. APPLY AT 120 MIL THICKNESS. BEADS: SWARCO 3130

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00867.00	TRANSVERSE MARKING TYPE B STANDARD TYPE B-HS HIGH SKID PREFORMED THERMO 125 MILS	PREMARK VIZIGRIP	FLINT TRADING INC-(DBA) ENNIS-FLINT 336/475-6600 STACY SEMANSKEE 425/760-4452	12/11/03	2474	Q	NO PRE-HEAT SIMILAR TO PREMARK PLUS BUT HAS ADDED SKID RESISTANT GRIT. BEADS: POTTERS AASHTO BEADS
00867.00	TRANSVERSE MARKING TYPE B STANDARD PREFORMED THERMOPLASTIC 125 MILS	HOTAPE (125 MILS)	FLINT TRADING INC-(DBA) ENNIS-FLINT 336/475-6600 STACY SEMANSKEE 425/760-4452	08/10/06	703	Q	HEAT PAVEMENT PRIOR TO INSTALL BEADS: POTTERS AASHTO BEADS
00867.00	TRANSVERSE MARKING TYPE B STANDARD PREFORMED THERMOPLASTIC 125 MILS	PREMARK	FLINT TRADING INC-(DBA) ENNIS-FLINT 336/475-6600 STACY SEMANSKEE 425/760-4452	07/08/04	2230	Q	NO PRE-HEAT NAME CHANGED FROM OTD-3. BEADS: POTTERS AASHTO BEADS TEST DECK 9/99
00867.00	TRANSVERSE MARKING TYPE B STANDARD TYPE B-HS HIGH SKID PREFORMED THERMO 125 MILS	HOTAPE SKID OPTIC 125 MILS	FLINT TRADING INC-(DBA) ENNIS-FLINT 336/475-6600 STACY SEMANSKEE 425/760-4452	07/31/12	4225	Q	HEAT PAVEMENT PRIOR TO INSTALL BEADS: POTTERS AASHTO BEADS
00867.00	TRANSVERSE MARKINGS TYPE B STANDARD TYPE B-HS HIGH SKID PREFORMED THERMO 125 MILS	ALTA ALL-SEASON SERIES 100-PT	ALTA TRAFFIC SOLUTIONS INC 503/482-7500	08/02/11	4432	Q	HEAT PAVEMENT PRIOR TO INSTALL INTEGRAL BEADS SWARCO 3130 SURFACE APPLIED SWARCO 3130 DROP ON BEAD SWARCO 3130
00907.10	BIRD SPIKES	BIRD SPIKE 2001	BIRD-B-GONE 800/392-6915	02/14/02	2523	A	STAINLESS STEEL VERSION.
00907.10	BIRD SPIKES	NIXALITE MODEL S	NIXALITE OF AMERICA INC. 800/624-1189	02/14/02	2522	A	STAINLESS STEEL VERSION.
00930.00	PSST - SIGN SUPPORT	ANCHOR TUBE HEAVY WALL ANCHOR 21/2" & 3" x 36" -7GA	SERVICE STEEL 503/224/9500 TRAFFIC SAFTY SUPPLY CO INC 800/547/8518	07/14/11	4430	A	
00930.00	PSST - SIGN SUPPORT	ONE PIECE TUBE ANCHOR HEAVY WALL ANCHOR	PACIFIC PRODUCTS 800/320-3230 TRAFFIC SAFETY 800/547-8518	05/13/10	3730	A	2.5" X 2.5" & 3" X 3" 7GA 36" ANCHORS FOR 2 & 2.5" POSTS PER ODOT TM687. MUST BE ASTM A500 GR B & GALV PER ASTM A123

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00930.00	PSST - SIGN SUPPORT	TELESPAR	ALLIED TUBE & CONDUIT 708/225-2121 TRAFFIC SAFETY 800/547-8518	#Error	4932	A	G90, 12 GAUGE 2", 2 1/4", 2 1/2" G90 10 GAUGE 2 1/2"
00930.00	PSST - SLIP BASE	REDI-TORQUE MODEL 280 (GALV) MODEL: RT8UX-25T36C-G 8" R-T	XCESSORIES SQUARED DEV & MFG 217/438-3535	10/14/10	4156	A	HARDWARE ON MFG# 021510. TOP ASSEMBLY ON MFG# 021910. BOTTOM BASE ON MFG#SB8-CTA-36G ASSEMBLY MUST BE GALVANIZED.
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 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 ASPHALTIC 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)
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	A	
00990.43	TRAFFIC LOOP SEALANTS POLYESTER	BONDO P 6061	3-M TRAFFIC 404/661-1875 WAS BONDO CORP 800/241-3386	08/12/10	879	A	POLYESTER. IT'S POURABLE, SELF LEVELING, ASSURES PROTECTION TO WIRES. SPECS. REQ. 1 YEAR WARRANTY PAST JOB ACCEPTANCE.
00990.43	TRAFFIC LOOP SEALANTS POLYESTER	BONDO P-606V	3-M TRAFFIC 404/661/1875 ADVANCED TRAFFIC PRODUCTS 425/347/6308	12/30/11	4348	A	POURABLE POLYESTER CURABLE BY FURNISHED MEKP
01010.03	SCF-DISSOLVED METALS STORMWATER CONTROL FACIL	FILTERRA BIORETENTION SYSTEM	FILTERRA BIORETENTION SYSTEMS 866/349-3458 (AMERICAST)	01/14/10	3703	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.

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01010.03	SCF-DISSOLVED METALS STORMWATER CONTROL FACIL	MODULAR WETLAND SYSTEMS	MODULAR WETLAND SYSTEM 760/433-7640	07/28/14	4765	A	
01010.03	SCF-OIL TREATMENT STORMWATER CONTROL FACIL	FILTERRA BIORETENTION SYSTEM	FILTERRA BIORETENTION SYSTEMS 866/349-3458 (AMERICAST)	01/14/10	3703	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-OIL TREATMENT STORMWATER CONTROL FACIL	MODULAR WETLAND SYSTEMS	MODULAR WETLAND SYSTEM 760/433-7640	07/28/14	4765	A	
01010.03	SCF-PHOSPHOROUS TREATMENT STORMWATER CONTROL FACIL	FILTERRA BIORETENTION SYSTEM	FILTERRA BIORETENTION SYSTEMS 866/349-3458 (AMERICAST)	06/25/12	3703	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-PHOSPHOROUS TREATMENT STORMWATER CONTROL FACIL	MODULAR WETLAND SYSTEMS	MODULAR WETLAND SYSTEM 760/433-7640	07/28/14	4765	A	
01010.03	SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL	CONTINUOUS DEFLECTIVE SEPARATOR (CDS)	CONTECH STORMWATER SOLUTIONS 503/258-3105	09/11/08	3690	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL	DOWNSTREAM DEFENDER	HYDRO INTERNATIONAL 207/321-3741 OR 207/756-6200	07/10/08	2001	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL	FILTERRA BIORETENTION SYSTEM	FILTERRA BIORETENTION SYSTEMS 866/349-3458 (AMERICAST)	01/08/09	3703	A	NOT ON WSDOE APPROVED LIST
01010.03	SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL	MODULAR WETLAND SYSTEMS	MODULAR WETLAND SYSTEM 760/433-7640	07/28/14	4765	A	

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01010.03	SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL	VORTECHS SYSTEM	CONTECH STORMWATER SOLUTIONS 503/258-3105	09/11/08	3693	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SEDIMENT PRETREATMENT STORMWATER CONTROL FACIL	STORMCEPTOR	RINKER MATERIALS 800/909-7763 PETER VAN TILBURG 503/572-9894	04/08/10	1696	A	SEDIMENT CONTAINMENT.CLEAN-OUT IS BY VACUUM TRUCK. CONSULT WITH GEOHYDRO.
01010.03	SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL	BAY FILTER	BAY SAVER, INC. 800/229-7283	07/10/08	3588	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL	FILTERRA BIORETENTION SYSTEM	FILTERRA BIORETENTION SYSTEMS 866/349-3458 (AMERICAST)	01/14/10	3703	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL	FLOGARD PERK FILTER	KRISTAR ENTERPRISES 951/970-0728	04/12/13	4605	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL	MEDIA FILTRATION SYSTEM	CONTECH STORMWATER SOLUTIONS 503/258-3105	09/11/08	3691	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL	MODULAR WETLAND SYSTEMS	MODULAR WETLAND SYSTEM 760/433-7640	07/28/14	4765	A	
01010.03	SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL	STORMWATER MGT STORMFILTER	CONTECH STORMWATER SOLUTIONS 503/258-3105	09/11/08	3692	A	USE MEDIA ZPG CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
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.

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01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY ENDO	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3938	A	
01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY ENDO PLUS	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3939	A	
01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY ENDO/ECTO PLUS	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3940	A	
01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY ENDONET	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3944	A	
01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY MICRONIZED ENDO	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3941	A	
01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY MICRONIZED ENDO/ECTO	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3942	A	
01040.17	SOIL BIO-AMENDMENT	MYCOAPPLY SOLUBLE MAXX	MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985	02/11/10	3943	A	
01040.17	SOIL BIO-AMENDMENT	NATURE'S OWN LIVING HUMUS	NATURE'S NEEDS 503/647-9489	04/14/05	2947	A	
01040.17	SOIL BIO-AMENDMENT	PERMAMATRIX BIOTIC SOIL AMENDM	SUNMARK ENVIRONMENTAL 503/241-7333	11/11/10	4218	A	

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01040.17E	SOIL BIO-AMENDMENT MYCORRHIZAL	BIOTIC EARTH BLACK	VERDYOL PLANT REASEARCH 320/910-4800 AFC WEST 503/771-5115	05/30/13	4663	A	
01040.17E	SOIL BIO-AMENDMENT MYCORRHIZAL	PROGANICS BIOTIC SOIL MEDIA (BSM)	PROFILE PRODUCTS LLC 800/508-8681 AFC WEST 503/771-5115	08/04/15	4897	A	
01040.21	HERBICIDES	BIOBARRIER II WEED CONTROL	REEMAY, INC., OLD HICKORY,TN 615/847-7000	05/18/98	1627	A	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)	LILLY MILLER 800/265-0761	05/01/88	1387	A	FOLLOW MFG INSTRUCTIONS FOR APPLICATION. DO NOT OVER APPLY.
01040.22	MOISTURE RETENTION CHEMICAL - FOR SOIL	SOIL MOIST - POLYMER	JRM CHEMICAL 800/962-4010 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.
01040.22	MOISTURE RETENTION CHEMICAL - FOR SOIL	STOCKOSORB 660	EVONIK STOCKHAUSEN336/335-3871 INNOVATIVE TURF SOLUTIONS 513/317-8311	05/13/10	4137	A	USE CARE IN APPLICATION.
01070.00	MAILBOX SUPPORTS	T&T MAILBOX SUPPORT MODELS 15001 & 15002	TRAFFIC SAFETY/TAPCO 800/547-8518	07/14/05	3166	A	SLIGHT MODIFICATION OF TAPCO SUPPORT BY TRAFFIC SAFETY TO MEET OUR REQUIREMENTS - RD100. INCLUDES V-WING ANCHOR (20VR3)
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.

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02010.10	CEMENT, TYPE I, II	CAL PORTLAND - MOJAVE CEMENT	CALPORTLAND COMPANY Kevin Wolf 503/535-7713	12/11/08	3724	A	
02010.10	CEMENT, TYPE I, II	CAL PORTLAND - NANJING	CALPORTLAND COMPANY Kevin Wolf 503/535-7713	05/14/09	1619	A	SOURCE: ONODA (NANJING).
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 ODOT ID# 1475B
02010.10	CEMENT, TYPES I, II	CAL PORTLAND - SSANGYONG CEMENT SsangYong Cement Ind. Corp.	CALPORTLAND COMPANY Kevin Wolf 503/535-7713	07/26/13	4671	A	
02010.10	CEMENT, TYPES I, II	CEMEX YAQUI	CEMEX 713/650-6200 CHRIS WALZ 951/264-2426	01/21/14	4704	A	YAQUI CEMENT MEXICO
02010.10	CEMENT, TYPES I, II	LAFARGE CEMENT - EXSHAW	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	01/11/96	1475	A	EXSHAW PLANT: AASHTO TYPE I,II ODOT ID# 1475A
02010.10	CEMENT, TYPES I, II	LAFARGE CEMENT - RICHMOND BC	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	12/09/99	1968	A	
02010.10	CEMENT, TYPES I, II	LEHIGH CEMENT-DELTA WAS CALAVARAS THEN TILBURY	LEHIGH NORTHWEST CEMENT CO. 503/293-8459 Allan Kramer 800/752-6795 206/255-2845	01/07/98	1746	A	DELTA BC PLANT.
02010.10	CEMENT, TYPES I, II, III	ASH GROVE CEMENT - DURKEE	ASHGROVE CEMENT CO. DAVE BURG 503/207-2109	01/14/99	1472	A	DURKEE PLANT ONLY. AASHTO TYPES I, II, & III.

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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	A	REDDING CALIFORNIA PLANT ONLY. AASHTO TYPES I,II,III
02010.20	CEMENT, TYPE IP (15)	LAFARGE CEMENT - SEATTLE	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	12/09/99	1970	A	TYPE F FLY ASH BLENDED-SEATTLE PLANT TYPE 1 CEMENT WITH 15% TYPE F FLY ASH
02010.20	CEMENT, TYPE IS (20)	LAFARGE MAXCEM (20%)	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	02/14/02	2298	A	SLAG BLENDED - SEATTLE PLANT TYPE 1 CEMENT WITH 20% SLAG
02010.20	CEMENT, TYPE IS (30)	LAFARGE MAXCEM (30%)	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	09/08/05	3021	A	SLAG BLENDED - SEATTLE PLANT TYPE 1 CEMENT WITH 30% SLAG
02015.20	PCC REPAIR	FIVE STAR HWY PATCH	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 WHITE CAP 503/287-4151 MASONS SUPPLY 800/537-3407	05/01/88	65	A	VERY RAPID SETTING
02015.20	PCC REPAIR	MASTER EMACO S 440 MC WAS MBT LA REPAIR MORTAR	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	611	A	VERTICAL
02015.20	PCC REPAIR	MASTER EMACO T 1060 WAS MBT THOROC 10-60 RAPID MORTAR	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	839	A	VERY RAPID SETTING MINIMUM THICKNESS: 1/2 INCH
02015.20	PCC REPAIR	MBT SET 45	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	655	A	VERY RAPID SETTING DO NOT USE UNDER LATEX OR POLYESTER-RESIN CONCRETE OVERLAYS MAGNESIUM PHOSPHATE
02015.20	PCC REPAIR	PHOSCRETE FOUR-SEASONS	PHOSCRETE CORPORATION 561/420-0595 NORCOE INC. 206/484-8236	10/04/13	4696	A	VERY RAPID SETTING

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02015.20	PCC REPAIR	PHOSCRETE HC	PHOSCRETE CORPORATION 561/420-0595 NORCOE INC. 206/484-8236	05/25/16	4953	A	VERY RAPID SETTING
02015.20	PCC REPAIR	PHOSCRETE VO-PLUS	PHOSCRETE CORPORATION 561/420-0595 NORCOE INC. 206/484-8236	10/04/13	4697	A	VERY RAPID SETTING
02015.20	PCC REPAIR	SPEED CRETE 2028	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/09/03	1790	A	VERY RAPID SETTING MINIMUM THICKNESS: 1/2 INCH
02015.20	PCC REPAIR	SPEED CRETE RED LINE	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/09/08	207	A	VERTICAL COSMETIC APPLICATIONS ONLY ADDED GYPSUM IN PRODUCT
02015.20	PCC REPAIR	TAMMS EXPRESS REPAIR	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/09/08	2536	A	VERY RAPID SETTING
02015.20	PCC REPAIR	US SPEC POLYPATCH FR	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	12/17/12	4571	A	VERY RAPID SETTING
02015.20	PCC REPAIR	US SPEC QUICKSET 20	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	03/10/11	4341	A	VERTICAL RAPID SETTING
02015.20	PCC REPAIR	US SPEC QUICKSET 5	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	12/07/15	4531	A	VERY RAPAID SETTING VERTICAL
02015.20	PCC REPAIR	US SPEC STR MORTAR	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	01/13/11	4158	A	RAPID SETTING

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02015.20	PCC REPAIR	US SPEC TP MORTAR	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	12/17/12	4570	A	RAPID SETTING 0-1/2" APPLICATIONS
02015.20	PCC REPAIR	US SPEC TP MORTAR	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	12/17/12	4570	A	VERTICAL 0-1/2" APPLICATIONS
02015.20	PCC REPAIR	US SPEC TRANSPATCH CONCRETE	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	07/26/13	4409	A	VERY RAPID SETTING
02015.30	PCC REPAIR POLYMER MODIFIED	CHEMPATCH V/O 1	CHEMMASTERS 800/486-7866 UNITED RENTALS 503/234-0255	12/14/06	3290	A	RAPID SETTING & VERTICAL MODULUS: 3,600,000
02015.30	PCC REPAIR POLYMER MODIFIED	EUCO REPAIR V100	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/820-4576 MASONS SUPPLY 800/537-3407	03/25/14	4756	A	VERY RAPID SETTING, VERTICAL
02015.30	PCC REPAIR POLYMER MODIFIED	MASTER EMACO N 400 RS WAS THOROC HBA REPAIR MORTAR	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	05/01/88	216	A	VERTICAL COSMETIC SURFACE REPAIRS ONLY
02015.30	PCC REPAIR POLYMER MODIFIED	REPCON 928	SPEC CHEM 913/371-8700 WHITE CAP 800/456-7445	07/07/14	4781	A	VERY RAPID SETTING
02015.30	PCC REPAIR POLYMER MODIFIED	SPEC PATCH 15	SPEC CHEM 913/371-8700 WHITE CAP 800/456-7445	08/04/15	4834	A	STANDARD SETTING WAS NAMED PRECAST PATCH
02015.30	PCC REPAIR POLYMER MODIFIED	SPEED CRETE PM	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/09/08	2530	A	VERTICAL

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02015.30	PCC REPAIR POLYMER MODIFIED	TAMMS FORM & POUR	EUCLID CHEMICAL DAVE DILLON 425/820-4576 MASONS SUPPLY 800/537-3407	10/09/08	3504	A	VERTICAL
02015.30	PCC REPAIR POLYMER MODIFIED	US SPEC V/O PATCH	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	11/25/15	1992	A	RAPID SETTING
02015.30	PCC REPAIR POLYMER MODIFIED	US SPEC WS-P1	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	03/10/11	4342	A	VERTICAL
02030.10	MODIFIER-FLY ASH	Boundary Dam Class Fly Ash Estevan Saskashewan Power	BOUNDRY DAM POWER PLANT 1 604/952-5621 LEHIGH NW CEMENT COMPANY 1/800/752-6794	05/16/12	4493	Q	CLASS F
02030.10	MODIFIER-FLY ASH	CENTRALIA FLY ASH - LAFARGE F	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	05/08/08	3620	Q	CLASS F
02030.10	MODIFIER-FLY ASH	CLASS C FLY ASH - BOARDMAN MUST COME FROM BOARDMAN PLANT.	BORAL MATERIALS 210/349-4069	01/16/95	1463	Q	CLASS C
02030.10	MODIFIER-FLY ASH	COAL CREEK CLASS F FLY ASH COAL CREEK - UNDERWOOD ND	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	07/14/11	4413	Q	CLASS F
02030.10	MODIFIER-FLY ASH	COAL CREEK FLY ASH	HEADWATERS RESOURCES SKIP HUFFMAN 888/657-5159	05/11/06	3305	Q	CLASS F
02030.10	MODIFIER-FLY ASH	DELTA CLASS F FLY ASH	HEADWATERS RESOURCES SKIP HUFFMAN 888/657-5159	09/10/09	3953	Q	CLASS F INTERMOUNTAIN POWER PLANT; DELTA,UTAH.

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02030.10	MODIFIER-FLY ASH	GENESEE FLY ASH	EPOR INC. 780/412-3489 ENX INC. 780/454-4199	08/12/04	2999	Q	CLASS F
02030.10	MODIFIER-FLY ASH	HEADWATERS - JE CORETTE	HEADWATERS RESOURCES SKIP HUFFMAN 888/657-5159	05/10/07	3479	Q	CLASS C DISTRIBUTED FROM CENTRALIA. COMES FROM BILLINGS MT.
02030.10	MODIFIER-FLY ASH	HEADWATERS - JIM BRIDGER ASH	HEADWATERS RESOURCES Douglas Yeggy 916/214-7293	03/08/07	3449	Q	CLASS F
02030.10	MODIFIER-FLY ASH	HEADWATERS MARTIN LAKE FLY ASH MARTIN (TX) LAKE POWER PLANT	HEADWATERS RESOURCES SKIP HUFFMAN 888/657-5159	02/11/10	4088	Q	CLASS F
02030.10	MODIFIER-FLY ASH	LAFARGE CENTRALIA CLASS C ASH	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	05/13/10	4143	Q	CLASS C TRANS ALTA CENTRALIA POWER PLANT
02030.10	MODIFIER-FLY ASH	MICRON3	BORAL MATERIALS 210/349-4069	07/14/05	3095	Q	CLASS F ULTRA FINE GRIND
02030.10	MODIFIER-FLY ASH	SHEERNESS CLASS F FLY ASH ATCO POWER - CALGARY ALBERTA	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	07/14/11	4412	Q	CLASS F
02030.10	MODIFIER-FLY ASH	SUNDANCE CLASS F FLY ASH	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	05/08/08	3634	Q	CLASS F
02030.10	MODIFIER-FLY ASH	WABAMUN FLY ASH	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	07/12/07	3528	Q	CLASS F WABAMUN, ALBERTA; CANADA.

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02030.20	MODIFIER - SILICA FUME (MICROSILICA)	CON-FUME SILICA FUME	CEMENTEC INDUSTRIES 403/720-6699	04/09/09	3820	Q	
02030.20	MODIFIER - SILICA FUME (MICROSILICA)	EMS-970D	ELKEM MATERIALS 412/299-7229	09/10/09	3959	Q	
02030.20	MODIFIER - SILICA FUME (MICROSILICA)	FERROATLANTICA -DSF	FRRROATLANTICA RED INDUSTRIAL PRODUCTS 814/673-1552	07/09/09	3892	Q	WAS DISTRIBUTED BY ACT
02030.20	MODIFIER - SILICA FUME (MICROSILICA)	FORCE 10,000D	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	12/09/04	3054	Q	
02030.20	MODIFIER - SILICA FUME (MICROSILICA)	MASTERLIFE SF 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	3053	Q	WAS RHEOMAC SF-100 1/14
02030.20	MODIFIER - SILICA FUME (MICROSILICA)	NORCHEM -DSF	NORCHEM 631/7248639 ACT 360/332-7060	12/23/15	4937	Q	
02030.20	MODIFIER - SILICA FUME (MICROSILICA)	R-E-D FUME 102 DM	MISSISSIPPI SILICON 662/696-2600 RED IND. PROD. 814/673-1552	06/14/16	4964	Q	
02030.30	MODIFIER - LATEX	MODIFIER A/NA	TRINSEO 989/636-2496	07/14/11	1305	Q	FOR LATEX MODIFIED CONCRETE OVERLAY
02030.30	MODIFIER - LATEX	STYROFAN 1186	BASF CORP, CHEMICALS DIV. JOHN SWEENEY 317/293-4250 800/251-0612	05/01/88	566	Q	FOR LATEX MODIFIED CONCRETE OVERLAY

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02030.40	MODIFIER - GGBF (SLAG)	DURA SLAG	ASHGROVE CEMENT CO. DAVE BURG 503/207-2109	09/10/09	3970	Q	GROUND GRANULATED BLAST FURNACE SLAG.
02030.40	MODIFIER - GGBF (SLAG)	LAFARGE NEWCEM	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	09/08/05	3022	Q	GROUND GRANULATED BLAST FURNACE SLAG.
02030.40	MODIFIER-GGBF (Slag)	CALPORTLAND SLAG CEMENT	SAMPYO CORPORATION SOUTH KOREA CALPORTLAND 503/5357713	05/07/12	4491	Q	
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	
02030.60	MODIFIER-BLENDED	NEWCEM PLUS	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	07/05/13	4670	Q	FLY ASH F & GGBS BLEND
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	AIR TITE 60 NOW CALLED DARAVAIR AT60	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	01/09/97	1599	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	DARAVAIR 1000	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	04/11/02	2557	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	DARAVAIR AT30	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	05/10/07	3491	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	DARAVAIR PAVE 10	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	04/14/11	4270	A	SAME AS DARAVAIR 1000

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02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	DAREX II AEA	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	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	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	EUCON AEA 92	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/09/04	2257	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	EUCON AIR 40 WAS BORAL AIR 40	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/14/98	1741	A	LIQUID ADDITIVE, SAID BY MANUF.TO REDUCE PERMEABILITY, & ENHANCE FREEZE/THAW & DE-ICE CAPABILITY OF CONCRETE.
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	EUCON AIR MIX 200	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/09/04	2256	A	
02040.10	CHEMICAL ADMIXTURES 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	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	FRITZ-PAK SUPER AIR PLUS	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	07/08/93	1041	A	DRY, POWDERED AEA ADMIX. 236ML UPS FULL LOAD 3/4 TO 2%. COMPATIBLE W/ALL AEA + CACL. ADD OTHER ADMIX SEPARATELY.
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	MASTERAIR AE 200	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	2957	A	WAS MICRO AIR 1/14
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	MASTERAIR AE 400	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	11/11/10	4264	A	WAS EVERAIR PLUS 1/14
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	MASTERAIR AE 90	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	1163	A	WAS MB-AE 90 1/14

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02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	MASTERAIR VR 10	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	2047	A	WAS MB-VR 1/14
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	PAVE AIR 90	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	06/11/09	3899	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	PAVE-AIR	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	1358	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	POLYCHEM AE	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	11/14/02	2545	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	SIKA AIR	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3243	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	SIKA AIR 260	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	07/10/13	4679	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	SIKA MULTI AIR 25	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	03/10/11	4349	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	STABLE AIR	CELLULAR CONCRETE TECHNOLOGIES 949/754-0570	07/26/12	4503	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	ADVA FLEX	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	07/14/11	4405	A	

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02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	ADVA XT2	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	07/09/13	4677	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	DARACEM 19	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	02/13/97	1565	A	ALSO KNOWN AS WRDA 19
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	DARACEM 55	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	03/09/95	1294	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON HC WAS BORAL HC	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	02/11/99	1737	A	WAS RELCRETE TW-4
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON HW WAS BORAL HW	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/14/98	1736	A	DESIGNED FOR COLD WEATHER USE,WITH MIN.RETARDING
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON LR WAS BORAL LR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/12/01	1732	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON MR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/12/06	2258	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON NW WAS BORAL NW	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/14/98	1733	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON RD2 WAS BORAL RD2	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/01/88	2049	A	

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02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON WR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/12/06	2261	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON WR91	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/09/04	2259	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON X-15 WAS BORAL X-15	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/14/98	1731	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	KB1000	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	11/14/02	2548	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERGLENIUM 7101	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	09/13/07	3484	A	WAS GLENIUM 7101 1/14 NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERGLENIUM 7500	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	09/13/07	3501	A	WAS GLENIUM 7500 1/14 NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERGLENIUM 7920	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	01/08/15	4856	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPAVE	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	1359	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPAVE N	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	215	A	

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02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPOLYHEED 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	1903	A	WAS POLYHEED FC 100 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPOLYHEED 900	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	2903	A	WAS POLYHEED 900 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPOLYHEED 997	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	213	A	WAS POLYHEED 997 1/14 WAS POZZOLITH POLYHEED. 1/98
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPOZZOLITH 200	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	1428	A	WAS POZZOLITH 200N 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPOZZOLITH 322	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	2059	A	WAS POZZOLITH 322N 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERPOZZOLITH 80	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	1477	A	WAS POZZOLITH 80 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERRHEOBUILD 1000	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	1353	A	WAS RHEOBUILD 1000 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MELCHEM	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	04/14/05	2554	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MIRA 110	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	11/12/09	3992	A	

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02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MIRA 62	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	04/09/09	3850	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	PLASTOCRETE 100	SIKA CORPORATION 330/495-0109	01/08/15	4839	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	PLASTOL 6400	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4794	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	PLASTOL 6420	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	04/07/16	4945	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	POLYCHEM 1000	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	11/14/02	2547	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	POLYCHEM 400 NC	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2549	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	POLYCHEM VR	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	11/14/02	2546	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	POZZOLITH 700	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	01/21/14	4707	A	WAS POZZOLITH 700N 1/14
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	PS-1466	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	3238	A	

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02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 1000	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	07/10/13	4680	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 2100	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3251	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 2110	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	03/10/11	4350	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 4100	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3250	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 6100	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3252	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKAMENT 686	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3249	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKAPLAST 300GP	SIKA CORPORATION 330/495-0109	01/21/14	4719	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA 20	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	01/10/02	2484	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA 27	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	01/10/02	2473	A	

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02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA 64	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	01/13/94	1078	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA 82	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	08/08/91	771	A	SAME AS WRDA PAVE 18
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA PAVE 17	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	04/14/11	4273	A	SAME AS WRDA 79
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA PAVE 18	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	04/14/11	4274	A	SAME AS WRDA 82
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	ZYLA 610	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	08/14/08	3325	A	CARBOHYDRATE BASED MONITOR COMPATIBILITY
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	ZYLA 630	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	01/08/09	3731	A	
02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	DARATARD 17	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	05/01/88	1883	A	
02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	MASTERSET R 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	2055	A	WAS POZZOLITH 100XR 1/14
02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	MASTERSET R 300	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	2058	A	WAS POZZOLITH 300R 1/14

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02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	PLASTIMENT	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	05/01/88	2051	A	
02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	PLASTIMENT ES	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	03/10/11	4351	A	
02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	PLASTIMENT XR	SIKA CORPORATION330/495-0109	06/14/16	4960	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	ACCELGUARD 80 WAS EUCON CAN & BORAL CAN	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/12/01	1740	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	ACCELGUARD NCA	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4797	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	ACCLGUARD G3	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	04/07/16	4946	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	DARASET 400	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397 KEITH TERRILL 480/381-0780	02/14/08	3603	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	DARASET HES	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	04/09/09	3849	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	DCI	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	02/13/92	543	A	CALCIUM NITRATE SOLUTION FOR SET ACCELERATION ONLY. LONG TERM EFFECTS AS A CORROSION INHIBITOR UNKNOWN.

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02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	EUCON CIA	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/08/08	2262	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	MASTERLIFE CI 30	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	1880	A	WAS RHEOCRETE CNI 1/14 HAS A CORROSION INHIBITOR.
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	MASTERPOLYHEED 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	1903	A	WAS POLYHEED FC 100 1/14
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	MASTERSET FP 20	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	2705	A	WAS POZZUTEC 20+ 1/14 NON CHLORIDE ACCEL AND POLYCARBOXYLATE DISPERSANT.
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	POLARSET	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	12/14/95	1406	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	POLYCHEM CI	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	02/13/03	2555	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	POLYCHEM SUPER SET	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2551	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	SIKA CNI	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3253	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	SIKA RAPID 1	SIKA CORP 201/933-8800 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.

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02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	SIKASET NC	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3247	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE NON CHLORIDE	MASTERSET AC 534	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	1879	A	WAS POZZOLITH NC 534 1/14 HIGH DOSE OF ACCELERATOR MAY SEE UP TO 3000 PSI IN ONE HOUR.
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	DARAFILL	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	01/21/14	4711	A	CAPSULES (EGG)
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	DARAFILL BP	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	01/21/14	4712	A	
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	DARAFILL DRY	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	01/21/14	4710	A	
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	EUCON EASY FILL	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4793	A	
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	GOLDEN AIR	AERIX INDUSTRIES 484/223-0279 FORTA CORPORATION 724/458-5221	01/21/14	4721	A	
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	MASTERCELL 25	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	01/21/14	4708	A	WAS RHEOCELL RHEOFILL 1/14
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE SUPER SET EXTENDERS	MASTERSET DELVO	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	751	A	FOR USE AS SET EXTENDER ONLY. APPROVAL ON THE MIX DESIGN NEEDED. BRIDGE DECKS AND OVERLAYS.

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02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE SUPER SET EXTENDERS	RECOVER	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	12/09/04	1521	A	FOR USE AS SET EXTENDER ONLY. APPROVAL ON THE MIX DESIGN NEEDED. BRIDGE DECKS AND OVERLAYS.
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER / RETARDER	MASTERSET DELVO	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	751	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER / RETARDER	RECOVER	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	03/10/11	1521	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER / RETARDER	V-MAR VSC 500	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	04/08/10	4129	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER / RETARDER	WRDA 82	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	03/10/11	771	A	SAME AS WRDA PAVE 18
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER / RETARDER	WRDA PAVE 18	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	04/14/11	4274	A	SAME AS WRDA 82
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER/RETARDER	EUCON WR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/12/06	2261	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER/RETARDER	EUCON WR91	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/09/04	2259	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER/RETARDER	FR - 1	FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/537-3407	07/13/00	2147	A	

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02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	DARATARD 17	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	05/01/88	1883	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON DS	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4796	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON LR WAS BORAL LR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/13/01	1732	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON RETARDER 100	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/09/04	2255	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON TR WAS BORAL TR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	06/14/01	1735	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	MASTERSET R 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	2055	A	WAS POZZOLITH 100XR 1/14
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	MASTERSET R 300	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	2058	A	WAS POZZOLITH 300R 1/14
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	PLASTIMENT	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	05/01/88	2051	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	PLASTIMENT ES	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	03/10/11	4351	A	

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02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	PLASTIMENT XR	SIKA CORPORATION330/495-0109	06/14/16	4960	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	POLYCHEM R	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2550	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	POZZOLITH 700	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	01/21/14	4707	A	WAS POZZOLITH 700N 1/14
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	ACCELGUARD 80 WAS EUCON CAN & BORAL CAN	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/12/01	1740	A	
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	ACCELGUARD NCA	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4797	A	
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	ACCLGUARD G3	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	04/07/16	4946	A	
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	MASTERPOLYHEED 100	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	1903	A	WAS POLYHEED FC 100 1/14
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	MASTERSET FP 20	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	2705	A	WAS POZZUTEC 20+ 1/14 NON CHLORIDE ACCEL AND POLYCARBOXYLATE DISPERSANT.
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	POLYCHEM SUPER SET	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	05/08/03	2551	A	

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02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	SIKASET NC	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3247	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA 140M SAME AS ADVA 140	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	06/08/06	2599	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA 190	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	06/14/07	3459	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA 198	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	05/27/15	4886	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA CAST 575	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	05/10/07	3490	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA CAST 600	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	19/13/	4592	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	DARACEM 55	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	11/12/09	1294	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	EUCON MR	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	01/12/06	2258	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	EUCON SP WAS BORAL SP	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	06/14/01	1738	A	

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02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MASTERGLENIUM 3030	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	2524	A	WAS GLENIUM 3030 NS 1/14 DESIGNED FOR SELF LEVELING CONCRETE.
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MASTERGLENIUM 3400	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	3047	A	WAS GLENIUM 3400 NV 1/14
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MASTERGLENIUM 7101	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	06/14/07	3484	A	WAS GLENIUM 7101 1/14 NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MASTERGLENIUM 7500	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	07/12/07	3501	A	WAS GLENIUM 7500 1/14 NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MASTERGLENIUM 7700	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	09/13/07	3536	A	WAS GLENIUM 7700 1/14 NOT COMPATIBLE WITH BETA- NAPHTHALENE SULFONATE ADDITIVE
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MASTERGLENIUM 7920	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	01/08/15	4856	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MELCHEM	GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151	04/14/05	2554	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MIRA 110	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	11/12/09	3992	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MIRA 62	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	04/09/09	3850	A	

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02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MIRA 95	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	05/27/15	4887	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	PS-1466	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	3238	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER FOR PRECAST/PRESTRESS	ADVA CAST 555	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	06/08/06	3324	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA 195	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	01/08/09	3725	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA 405	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	03/10/11	4354	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA CAST 585	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	07/07/14	4798	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA FLEX	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	07/14/11	4405	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	EUCON 37	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	09/09/04	2260	A	WAS P# 1357 Q IN 6/89. D 9/04 CAUSE MFG DIDN'T INCL TESTS.
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	EUCON RD2 WAS BORAL RD2	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/01/88	2049	A	

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02040.10	CHEMICAL ADMIXTURES 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	DESIGNED AS SLUMP CONTROL W/O ADDING MORE WATER. SUBMIT WITH MIX DESIGN.
02040.10	CHEMICAL ADMIXTURES 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	CAN REDUCE WATER REQUIREMENTS UP TO 25%. SUBMIT W/MIX DESIGN
02040.10	CHEMICAL ADMIXTURES 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	CAN REDUCE WATER REQUIREMENTS UP TO 40%. SUBMIT W/MIX DESIGN
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	MASTERRHEOBUILD 1000	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	1353	A	WAS RHEOBUILD 1000 1/14
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	PLASTOL 6200EXT	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4795	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	PLASTOL 6400	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4794	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	PLASTOL 6420	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	04/07/16	4945	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 1000	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	07/10/13	4680	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 2100	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3251	A	EXTENDED SLUMP LIFE: 60-90 MIN

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02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 2110	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	03/10/11	4350	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 4100	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3250	A	MAY RETARD SET.
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 6100	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3252	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKAMENT 686	SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3249	A	MAY RETARD SET.
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE WATER REDUCER	MASTERPOLYHEED 997	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	213	A	WAS POLYHEED 997 1/14 WAS POZZOLITH POLYHEED. 1/98
02040.10	CHEMICAL ADMIXTURES 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	
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE RHEOLOGY MODIFER	VMAR F100	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	03/19/14	4757	A	
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE VISCOSITY MODIFIER	MASTERMATRIX VMA 358	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	05/14/09	2526	A	WAS RHEOMAC VMA 358 1/14 DESIGNED FOR SELF LEVELING CONCRETE
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE VISCOSITY MODIFIER	VISCTROL	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	07/07/14	4792	A	

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02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE VISCOSITY MODIFIER	V-MAR 3	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	05/14/09	3197	A	REPORT ANY UNUSUAL CRACKING OR OTHER PROBLEMS.
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE WORKABILITY RETAINING	MASTERSURE Z 60	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	03/10/11	3901	A	WAS RHEOTEC Z-60 1/14 FOR SELF CONSOLIDATING CONCRETE
02045.10	SYNTHETIC FIBER REINFORCING MICRO	GRACE MICROFIBER	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	10/20/14	4835	A	DOSE RATE OF 1.0 POUNDS PER CUBIC YARD FOR COMMERCIAL GRADE CONCRETE NOT FOR HIGH PERFORMANCE CONCRETE NOT FOR SFC OVERLAY
02045.10	SYNTHETIC FIBER REINFORCING MICRO	MASTERFIBER F100	BASF-ADMIXTURE 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	04/27/16	4951	A	DOSE RATE OF 1.5 POUNDS PER CUBIC YARD FOR COMMERCIAL GRADE CONCRETE NOT FOR HIGH PERFORMANCE CONCRETE NOT FOR SFC OVERLAY
02045.20	SYNTHETIC FIBER REINFORCING BLEND	MASTERFIBER BLEND OF MAC 2200CB & M 100	BASF-ADMIXTURE 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/14/15	4933	A	DOSE RATE OF 4 # MAC 2200CB & 0.5# M 100 PER CUBIC YARD FOR HIGH PERFORMANCE CONCRETE AND SFC OVERLAY
02045.20	SYNTHETIC FIBER REINFORCING MACRO	FORTA FERRO	FORTA CORPORATION BOB GRACE 800/245-0306	03/24/15	4880	A	DOSE RATE OF 5.5 POUNDS PER CUBIC YARD FOR HIGH PERFORMANCE CONCRETE DOSE RATE OF 5.5 POUNDS PER CUBIC YARD FOR SFC OVERLAY
02045.20	SYNTHETIC FIBER REINFORCING MACRO	MASTERFIBER MAC MATRIX	BASF-ADMIXTURE 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	01/19/16	4940	A	DOSE RATE OF 5 POUNDS PER CUBIC YARD FOR HIGH PERFORMANCE CONCRETE
02045.20	SYNTHETIC FIBER REINFORCING MACRO	STRUX 90/40	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	01/21/14	4090	A	DOSE RATE OF 5.5 POUNDS PER CUBIC YARD FOR HIGH PERFORMANCE CONCRETE DOSE RATE OF 6.0 POUNDS PER CUBIC YARD FOR SFC OVERLAY
02045.20	SYNTHETIC FIBER REINFORCING MACRO	STRUX BT50	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	01/21/14	4741	A	DOSE RATE OF 7 POUNDS PER CUBIC YARD FOR SFC OVERLAY

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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.
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.
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.
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.
02050.10	CURING COMPOUND, CONCRETE TYPE 2, CLASS A	WHITE WAX CURE J-9A VOC'S = 42 G/L	DAYTON SUPERIOR 800/745-3703 LISA WEAVER 937/866-0711 X44187	03/11/10	3924	Q	
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
02050.30	CURING BLANKET, CONCRETE	GEOTEX CCB6	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC. 503/771-5115	12/10/12	4555	A	POLYPROPYLENE FABRIC. STILL NEEDS POLYETYLENE FABRIC AS WITH BURLAP.
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.
02055.10	CONCRETE SURFACE RETARDER FORM SURFACES	FORMULA F SURFACE RETARDER	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/14/10	3559	A	OK FOR PLACEMENT ON FORMS TEST TO DETERMINE CURE TIME.

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02055.10	CONCRETE SURFACE RETARDER FORM SURFACES	MBT HI-V	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	12/10/09	3568	A	OK FOR PLACEMENT ON FORMS TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER FORM SURFACES	MBT TUF-COTE	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	12/13/07	3578	A	OK FOR PLACEMENT ON FORMS TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER FORM SURFACES	MBT X-POZ-R	BASF 952/496-6000 BRUCE JACKSON 503/722-4101	12/13/07	3577	A	OK FOR PLACEMENT ON FORMS TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER FORM SURFACES	PIERI DURO-TARD	GCP APPLIED TECHNOLOGIES INC. DENNIS BAUGH 703/626-1577 MASONS SUPPLY 800/537-3407	12/10/09	3561	A	OK FOR PLACEMENT ON FOMRS TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER FORM SURFACES	SUPER TARD-F	CLEMONS CONCRETE COATINGS 615/872-9099	12/10/09	3558	A	OK FOR PLACEMENT ON FORMS TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER FRESH CONCRETE SURFACES	FORMULA S SURFACE RETARDER	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/14/10	4215	A	OK FOR PLACEMENT- FRESH CONCR. TEST TO DETERMINE CURE TIME.
02055.10	CONCRETE SURFACE RETARDER 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.
02055.10	CONCRETE SURFACE RETARDER 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.
02055.10	CONCRETE SURFACE RETARDER FRESH CONCRETE SURFACES	SPECETCH	SPECCHEM LLC 816/968-5600 WHITE CAP 503/287-4151	06/13/14	4778	A	OK FOR PLACEMENT- FRESH CONCR. TEST TO DETERMINE CURE TIME.

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02060.10	CONCRETE AND CRACK SEALER LOW MOD HMWM	KBP FLEX	KWIK BOND POLYMERS,LLC DAN ULDALL 360/600-7762	03/24/15	4882	A	
02060.10	CONCTERE AND CRACK SEALER LOW MOD EPOXY	DURAL 50 LM	EUCLID CHEMICAL DAVE DILLON 425/338-4958	06/14/07	3447	A	
02060.10	CONCTERE AND CRACK SEALER LOW MOD EPOXY	E-BOND 523 PENETRATING SEALER CRACK HEALER PRIMER	E-BOND EPOXIES, INC 954/566-6555 TRANSPO INDUSTRIES 914/636-1000	01/21/14	4705	A	
02060.10	CONCTERE AND CRACK SEALER LOW MOD HMWM	TRANSPO SEALATE T70MX-30	TRANSPO INDUSTRIES 914/636-1000	03/10/05	2488	A	3 PART MOISTURE SENSITIVE
02060.10	CONCTERE AND CRACK SEALER LOW-MOD EPOXY	PRO-POXY 40 LV LM	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	02/10/11	4159	A	
02060.20	CONCTERE AND CRACK SEALER HIGH MOD EPOXY	CCS COATING EPOXY HEALER SEALR	CHEMCO SYSTEMS 800/757-6773 650/261-3790	07/12/07	2338	A	MOISTURE SENSITIVE
02060.20	CONCTERE AND CRACK SEALER HIGH MOD EPOXY	DURAL 335	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/10/05	1918	A	
02060.20	CONCTERE AND CRACK SEALER HIGH MOD HMWM	KBP 103	KWIK BOND POLYMERS DAN ULDALL 360/600-7762	03/10/05	2597	A	3 PARTS. 6 MO SHELF LIFE. CRACKS: .004 -.118 CHECK W/MFG MFG CLAIMS OK FOR DAMP SURFACE 40-100 DEGREES F. REMOVE EXCES
02060.20	CONCTERE AND CRACK SEALER HIGH MOD HMWM	KBP 204	KWIK BOND POLYMERS DAN ULDALL 360/600-7762	03/10/05	2598	A	3 PARTS. 6 MONTH SHELF LIFE. CRACKS: .004 -.118 CHECK W/MFG MFG CLAIMS OK FOR DAMP SURFACE 40-100 DEGREES F. REMOVE EXCES

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02060.20	CONCTERE AND CRACK SEALER HIGH MOD HMWM	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	MOISTURE SENSITIVE
02060.30	CONCRETE SEALER WATER REPELLENT	MASTER PROTECT H 1000 WAS HYDROZO 100	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	2177	A	100% SILANE. ALBERTA DOT 1C LIST APPROVED
02060.30	CONCRETE SEALER WATER REPELLENT	PROTECTOSIL BHN	EVONIK CORPORATION 360/904-9847 SALLEECO INC. 253/841-2849	06/16/15	4891	A	100% SILANE. ALBERTA DOT 1C LIST APPROVED
02060.30	CONCRETE SEALER WATER REPELLENT	SEALMASTER 100%	TECHNICAL BARRIER SYSTEMS 888/537-2888 BRUCE HOLLIDAY 503/646-0801	11/11/10	4155	A	100% SILANE. ALBERTA DOT 1C LIST APPROVED.
02060.30	CONCRETE SEALER WATER REPELLENT	SIL-ACT ATS 100	ADVANCED CHEMICAL TECHNOLOGIES KEVIN BROWN 800/535-0433 JIM SULLIVAN 206/484-8236	02/10/11	4337	A	100% SILANE. ALBERTA DOT 1C LIST APPROVED
02060.30	CONCRETE SEALER WATER REPELLENT	SW-244-100VOC	SHERWIN WILLIAMS 360/609-1879 DERRICK CASTLE 913/481-0612	08/12/10	4179	A	100% SILANE. ALBERTA DOT 1C, LIST APPROVED
02070.10	BONDING AGENT, EPOXY	DURAL 452 GEL	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/17/14	4750	A	TYPE IV, V GRADE 3 CLASS C
02070.10	BONDING AGENT, EPOXY	DURAL 452 LV	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/17/14	4752	A	TYPE IV, GRADE 1 CLASS C
02070.10	BONDING AGENT, EPOXY	DURAL 452 MV	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/17/14	4751	A	TYPE IV, V GRADE 2 CLASS 2

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02070.10	BONDING AGENT, EPOXY	DURAL FAST SET EPOXY GEL	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/17/14	4753	A	TYPE IV, GRADE 3 CLASS B & C
02070.10	BONDING AGENT, EPOXY	PRO-POXY 204	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	12/14/06	3122	A	TYPE IV, V GRADE 2 CLASS B & C
02070.10	BONDING AGENT, EPOXY	SPECPOXY 1000	SPECCHEM LLC 816/968-5600 WHITE CAP 503/287-4151	06/13/14	4780	A	TYPE IV, V GRADE 1 CLASS B & C
02070.10	BONDING AGENT, EPOXY	SPECPOXY 2000	SPECCHEM LLC 816/968-5600 WHITE CAP 503/287-4151	06/13/14	4782	A	TYPE IV, V GRADE 2 CLASS B & C
02070.10	BONDING AGENT, EPOXY	SPECPOXY 3000	SPECCHEM LLC 816/968-5600 WHITE CAP 503/287-4151	09/03/14	4833	A	TYPE IV, V GRADE 3 CLASS C
02070.10	BONDING AGENT, EPOXY	ULTRABOND 2100	ADHESIVES TECHNOLOGY RICHARD BOLAND 800/892-1880	03/11/13	4600	A	TYPE IV, V GRADE 1 CLASS B & C
02070.10	BONDING AGENT, EPOXY	UNITEX SLOW SET BONDING AGENT	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	05/10/07	3123	A	TYPE V GRADE 2 CLASS B & C
02070.20	BONDING AGENT, NON-EPOXY	EVERBOND	L & M CONSTRUCTION CHEMICALS 800/362-3331 OR 420/453-6600	07/09/09	1315	A	ASTM C1059 TYPE ii
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	

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02070.20	BONDING AGENT, NON-EPOXY	US SPEC DURA	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	09/17/14	4806	A	USE ABOVE 40 DEGREES F AND ABOVE 40 DEGREES FOR 48 HOURS CURE TIME.
02080.20	GROUT, NON-EPOXY	WIL-X CEMENT	WILLIAMS FORM 800/255-0560	10/09/03	2890	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	1107 ADVANTAGE GROUT	DAYTON SUPERIOR 800/745-3703 LISA WEAVER 937/866-0711 X44187	12/10/98	1427	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	CRYSTEX	L & M CONSTRUCTION CHEMICALS 800/362-3331 OR 420/453-6600 BILL PAVITT 425/562-6076	07/09/09	319	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	EUCO NS GROUT	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/09/08	1233	A	CEMENTITIOUS BASED.
02080.20	GROUT, NON-EPOXY NON-SHRINK	FIVE STAR FLUID GROUT 100	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 MASONS SUPPLY 800/537-3407	01/16/15	4868	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	FIVE STAR GROUT	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 WHITE CAP 503/287-4151 MASONS SUPPLY 800/537-3407	07/14/11	4301	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	FIVE STAR INSTANT GROUT	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 WHITE CAP 503/287-4151 MASONS SUPPLY 800/537-3407	05/01/88	1216	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	SC MULTIPURPOSE GROUT	SPEC CHEM 913/371-8700 MASONS 800/537-3407 WHITE CAP 800/456-7445	07/09/09	3494	A	

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02080.20	GROUT, NON-EPOXY NON-SHRINK	SIKAGROUT 212	SIKA CORP 800/933-7452 THAD BROWN 425/486-5917 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	12/10/09	546	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	TARGET PORTLAND EXPANDING	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 NON-SHRINK	UNITEX MULTI-PURPOSE GROUT	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	04/12/07	3472	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	US SPEC GP GROUT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	11/11/10	1930	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	US SPEC MP GROUT ODOT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	11/11/10	3424	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	US SPEC RA GROUT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	06/12/14	4775	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK CEMENTITIOUS W/ FLYASH	NC GROUT WAS HORN GROUT	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	04/11/06	1425	A	
02080.30	GROUT, KEYWAY	1107 ADVANTAGE GROUT	DAYTON SUPERIOR 800/745-3703 LISA WEAVER 937/866-0711 X44187	12/10/98	1427	A	
02080.30	GROUT, KEYWAY	CRYSTEX	L & M CONSTRUCTION CHEMICALS 800/362-3331 OR 420/453-6600 BILL PAVITT 425/563-6076	07/09/09	319	A	

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02080.30	GROUT, KEYWAY	EUCO NS GROUT	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	10/09/08	1233	A	CEMENTITIOUS BASED.
02080.30	GROUT, KEYWAY	FIVE STAR INSTANT GROUT	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 WHITE CAP 503/287-4151 MASONS SUPPLY 800/537-3407	05/01/88	1216	A	
02080.30	GROUT, KEYWAY	SIKAGROUT 212	SIKA CORP 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	12/10/09	546	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	
02080.30	GROUT, KEYWAY	UNITEX MULTI-PURPOSE GROUT	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	04/12/07	3472	A	
02080.30	GROUT, KEYWAY	US SPEC GP GROUT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	11/11/10	1930	A	
02080.30	GROUT, KEYWAY	US SPEC MP GROUT ODOT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	11/11/10	3424	A	
02080.30	GROUT, KEYWAY CEMENTITIOUS	FIVE STAR GROUT	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 WHITE CAP 503/287-4151 MASONS SUPPLY 800/537-3407	07/14/11	4301	A	
02080.30	GROUT, KEYWAY CEMENTITIOUS	SC MULTIPURPOSE GROUT	SPEC CHEM 913/371-8700 MASONS 800/537-3407 WHITE CAP 800/456-7445	07/09/09	3494	A	NONMETALLIC, NONSHRINK, CEMEN- TITIOUS GROUT. 2/3 WATER WITH DRY GROUT MIX THOROUGHLY THAN ADD 1/3 WATER MIX 2-3MINUTES.

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02080.30	GROUT, KEYWAY CEMENTITIOUS W/ FLYASH	NC GROUT WAS HORN GROUT	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	05/11/06	1425	A	
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	MASTER FLOW 1206 WAS MBT MASTERFLOW 1341	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	3010	Q	
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	EUCO CABLE GROUT PTX	EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	08/24/12	4513	Q	
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	FIVE STAR SPECIAL GROUT 400	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 WHITE CAP 503/287-4151 MASONS SUPPLY 800/537-2307	07/14/05	3134	Q	
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	TARGET 1121 CABLE DUCT GROUT	TARGET PRODUCTS 800/575-7700 WILLIAMS FORM 503/286-3647 WHITECAP 503/287-4151	04/08/10	4089	Q	
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	US SPEC NA-100	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	01/08/15	4861	Q	
02080.50	GROUT, TENDON - VR 0-100' VERTICAL RISE: 0 - 100'	US SPEC NA-50	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	09/09/10	4206	Q	
02080.50	GROUT, TENDON - VR 0-6' VERTICAL RISE: 0 - 6'	MASTER FLOW 1205	BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101	06/14/07	2461	Q	PRODUCT NAME CHANGE PENDING
02080.50	GROUT, TENDON - VR 0-6' VERTICAL RISE: 0 - 6'	US SPEC NA GROUT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	04/13/06	3048	Q	

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02110.20	GUARDRAIL BLOCKS, PLASTIC - WOOD/STEEL POST	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 BLOCK- STEEL POST	DURA-BULL BLOCKOUT	CREATIVE BUILDING PRODUCTS 800/860-2855	12/12/96	1520	A	RECYCLED PLASTIC BLOCK FOR GUARDRAIL INSTALLATIONS. SPECIAL PROVISION SP00810
02110.20	GUARDRAIL BLOCKS, PLASTIC BLOCK- STEEL POST	KING BLOCK MODIFIED 2007	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559	10/11/07	3531	A	THIS MODEL IS FOR STEEL POSTS ONLY. 70% RECYCLED PLASTIC.
02110.20	GUARDRAIL BLOCKS, PLASTIC BLOCK- STEEL POST	LIFETIME BLOCKOUTS	LIFETIME LUMBER PRODUCTS 419/478-9000	01/11/01	2355	A	RECYCLED COMPOSITE BLOCK FOR GUARDRAIL INSTALLATIONS. STEEL POSTS
02110.20	GUARDRAIL BLOCKS, PLASTIC BLOCK- STEEL POST	MONDO POLYMER BLOCKOUT FOR MIDWEST GUARDRAIL SYSTEM (MGS)	MONDO POLYMER TECHNOLOGIES 740/376-9396	03/17/16	4944	A	FOR STEEL POSTS ONLY. MASH TL-3 (STRONG STEEL POST W-BEAM GR)
02110.20	GUARDRAIL BLOCKS, PLASTIC BLOCK- STEEL POST	P-BLOCK SERIES: P-BLOCK	MONROEVILLE INDUSTRIAL MOLDING 419/668-1820	10/08/09	3960	A	FOR STEEL POSTS ONLY.
02110.20	GUARDRAIL BLOCKS, PLASTIC BLOCK- STEEL POST	P-BLOCK SERIES: THRIE BEAM BLK	MONROEVILLE INDUSTRIAL MOLDING 419/668-1820	10/08/09	3962	A	FOR STEEL POSTS ONLY.
02190.30	WOOD, FIELD PRESERVATIVE TREATMENT	CU-89-RTU II	OSMOSE RAILROAD SERVICES, INC TOM POPE 770/632-6783	04/29/13	4624	A	CONTAINS 2% COPPER AS METAL. NAPTHENATE
02190.30	WOOD, FIELD PRESERVATIVE TREATMENT	TENINO COPPER NAPHTHENATE	COPPER CARE WOOD PRESERVATIVE 402/562-6815	06/11/09	3727	A	CONTAINS 2% COPPER AS METAL.

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02210.20	TIMBER COATING	A-100 EXTERIOR OIL STAIN BLOCKING PRIMER A-100 EXTERIOR LATEX STAIN	SHERWIN WILLIAMS 360/609-1879 DERRICK CASTLE 913/481-0612	01/21/14	4734	A	PRIMER AND TOP COAT SYSTEM
02210.20	TIMBER COATING	PURE PAINT PRIMER ACRI-LITE SATIN 7400 SERIES	MILLER PAINT CO 503/233-4491	01/21/14	4736	A	PRIMER AND TOP COAT SYSTEM
02210.20	TIMBER COATING	STAIN STOMPER EXERIOR PRIMER 2110-1200N FORTIS 350 EXTERIOR SATIN PAINT 2402	GLIDDEN 541/953-9754	01/21/14	4735	A	PRIMER AND TOP COAT SYSTEM
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 A24W300 SERIES	SHERWIN WILLIAMS 360/609-1879 DERRICK CASTLE 913/481-0612	03/10/05	2249	A	BASE: A24W00351 & A24W00353 COLOR FEDERAL STANDARD 595C
02210.30	LATEX EMULSION PAINT FOR CONCRETE FINISH	MILLER EXTERIOR ACRYLIC #9191	MILLER PAINT CO 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	EUCLID CHEMICAL DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407	03/13/03	2765	A	
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	ALLIANCE GEOSYNTHETICS BX2020	ALLIANCE GEOSYNTHETICS 503/261-3515	10/03/13	4698	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.

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02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	COMBIGRID 30/30 Q1 151 GRK 3	NAUE AMERICA 208/661-7899 ADVANCED DRAINAGE 951/805-2079	07/14/11	4294	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	E'GRID 2020	HANES GEO COMPONENTS 336/747-1645	04/24/13	4623	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	GEOSTAR GEOBASE GB2020	GEOSTAR TECHNOLOGIES 901/881-2517 FERGUSON 503/240-6747	08/26/13	4683	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	GRIDPRO BXP12	PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC. 503/771-5115	07/20/12	4507	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	SECUGRID 20/20 Q1	NAUE AMERICA 208/661-7899 ADVANCED DRAINAGE 951/805-2079	01/13/11	4295	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	SECUGRID 30/30 Q1	NAUE AMERICA 208/661-7899 ADVANCED DRAINAGE 951/805-2079	01/13/11	4296	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	TENSAR BX TYPE 2	TENSAR INTERNATIONAL CORP. 360/635-8418 ACF WEST 800/878-5115	01/13/11	4308	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	TENSAR TRIAX TX160	TENSAR INTERNATIONAL CORP. 360/635-8418 ACF WEST 800/878-5115	01/13/11	4307	Q	TRIANGULAR APETURES EXCLUDE TRADITIONAL TESTING. REFER TO SPECS FOR CERT LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	TERRAGRID RX1200 MODEL 32160 & 38092 & 38377	HANES GEO COMPONENTS 336/747-1645	04/24/13	4622	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.

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02320.10	GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT	TRIGRID EX2030	ALLIANCE GEOSYNTHETICS 503/261-3515	02/10/11	4339	Q	REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.
02320.10	GEOGRID - TYPE I MSEW	FORTRAC 110	HUESKER, INC. 800/942-9418 WWW.HUESKERINC.COM STEVE LOTHSPIECH 704/588-5500 EXT 120	03/12/09	3795	Q	ULTIMATE TENSILE: 7410 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3710 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	FORTRAC 20	HUESKER, INC. 800/942-9418 WWW.HUESKERINC.COM STEVE LOTHSPIECH 704/588-5500 EXT 120	03/12/09	3791	Q	ULTIMATE TENSILE: 1500 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 713 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	FORTRAC 35	HUESKER, INC. 800/942-9418 WWW.HUESKERINC.COM STEVE LOTHSPIECH 704/588-5500 EXT 120	03/12/09	3792	Q	ULTIMATE TENSILE: 2400 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1200 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	FORTRAC 55	HUESKER, INC. 800/942-9418 WWW.HUESKERINC.COM STEVE LOTHSPIECH 704/588-5500 EXT 120	03/12/09	3793	Q	ULTIMATE TENSILE: 3710 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1860 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	FORTRAC 80	HUESKER, INC. 800/942-9418 WWW.HUESKERINC.COM STEVE LOTHSPIECH 704/588-5500 EXT 120	03/12/09	3794	Q	ULTIMATE TENSILE: 5380 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2690 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 03XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3744	Q	ULTIMATE TENSILE: 3500 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1660 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 05XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3745	Q	ULTIMATE TENSILE: 4700 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2230 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 07XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3746	Q	ULTIMATE TENSILE: 5900 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2790 LB/FT (WSDOT STANDARD PRACTICE T925)

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02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 08XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3747	Q	ULTIMATE TENSILE: 7400 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3510 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 10XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3748	Q	ULTIMATE TENSILE: 9500 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4500 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 20XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3750	Q	ULTIMATE TENSILE: 13705 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 6490 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 22XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3751	Q	ULTIMATE TENSILE: 20559 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 9740 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 24XT - TENCATE	TENCATE (MIRAFI) WWW.TENCATE.COM KELLY LITTLE 706/693-1744	05/13/10	3752	Q	ULTIMATE TENSILE: 27415 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 13000 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 100/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4391	Q	ULTIMATE TENSILE: 6849 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3446 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 110/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4392	Q	ULTIMATE TENSILE: 7534 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3790 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 125/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4393	Q	ULTIMATE TENSILE: 8562 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4307 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 150/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4394	Q	ULTIMATE TENSILE: 10274 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 5169 LB/FT (WSDOT STANDARD PRACTICE T925)

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02320.10	GEOGRID - TYPE I MSEW	PARAGRID 175/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4395	Q	ULTIMATE TENSILE: 11986 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 6030 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 180/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4396	Q	ULTIMATE TENSILE: 12329 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 6203 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 200/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4397	Q	ULTIMATE TENSILE: 13699 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 6892 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 30/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4383	Q	ULTIMATE TENSILE: 2055 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1034 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 40/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4384	Q	ULTIMATE TENSILE: 2740 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1378 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 50/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4385	Q	ULTIMATE TENSILE: 3425 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1723 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 60/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4386	Q	ULTIMATE TENSILE: 4110 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2068 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 65/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4387	Q	ULTIMATE TENSILE: 4552 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2240 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 70/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4388	Q	ULTIMATE TENSILE: 4795 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2412 LB/FT (WSDOT STANDARD PRACTICE T925)

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02320.10	GEOGRID - TYPE I MSEW	PARAGRID 80/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4389	Q	ULTIMATE TENSILE: 5479 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2756 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	PARAGRID 90/05	LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 WWW.LINEARCOMPOSITES.COM	05/12/11	4390	Q	ULTIMATE TENSILE: 6164 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3101 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 11X3N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4152	Q	ULTIMATE TENSILE: 7535 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3399 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 13X3N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4153	Q	ULTIMATE TENSILE: 8905 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4018 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 15X3N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4154	Q	ULTIMATE TENSILE: 10275 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4636 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 3X3N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4147	Q	ULTIMATE TENSILE: 2055 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 927 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 4X2N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4148	Q	ULTIMATE TENSILE: 2740 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1236 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 5X2N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4149	Q	ULTIMATE TENSILE: 3425 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1545 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	RAUGRID 6X3N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4150	Q	ULTIMATE TENSILE: 4110 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1854 LB/FT (WSDOT STANDARD PRACTICE T925)

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02320.10	GEOGRID - TYPE I MSEW	RAUGRID 8X3N	LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275	05/13/10	4151	Q	ULTIMATE TENSILE: 5480 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2472 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SF020	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	05/13/10	4144	Q	ULTIMATE TENSILE: 1939 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 800 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SF035	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	01/08/09	3781	Q	ULTIMATE TENSILE: 3055 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1260 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SF055	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	01/08/09	3782	Q	ULTIMATE TENSILE: 4199 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1732 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SF080	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	01/08/09	3783	Q	ULTIMATE TENSILE: 7398 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3052 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SF090	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	05/13/10	4145	Q	ULTIMATE TENSILE: 8500 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3507 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SF110	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	01/08/09	3784	Q	ULTIMATE TENSILE: 10207 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4211 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SF350	SYNTEEN TECHNICAL FABRICS WWW.SYNTEEN.COM DAN WINKLE 303/522-7830	05/13/10	4146	Q	ULTIMATE TENSILE: 27400 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 11305 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG150	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4376	Q	ULTIMATE TENSILE: 1875 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 874 LB/FT (WSDOT STANDARD PRACTICE T925)

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02320.10	GEOGRID - TYPE I MSEW	SG200	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4377	Q	ULTIMATE TENSILE: 3600 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1678 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG350	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4378	Q	ULTIMATE TENSILE: 5000 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2331 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG500	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4379	Q	ULTIMATE TENSILE: 6400 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2984 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG550	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4380	Q	ULTIMATE TENSILE: 8150 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3800 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG600	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4381	Q	ULTIMATE TENSILE: 9100 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4242 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG700	STRATA SYSTEMS 800/680-7750 WWW.GEOGRID.COM	05/12/11	4382	Q	ULTIMATE TENSILE: 11800 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 5501 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01400HS	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	05/13/10	3757	Q	ULTIMATE TENSILE: 4800 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1504 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01400MSE	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	01/08/09	3762	Q	ULTIMATE TENSILE: 4800 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1504 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01500HS	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	05/13/10	3758	Q	ULTIMATE TENSILE: 7810 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2492 LB/FT (WSDOT STANDARD PRACTICE T925)

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JULY 2016

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02320.10	GEOGRID - TYPE I MSEW	UX01500MSE	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	01/08/09	3763	Q	ULTIMATE TENSILE: 7810 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2492 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01600HS	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	05/13/10	3759	Q	ULTIMATE TENSILE: 9870 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3149 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01600MSE	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	01/08/09	3764	Q	ULTIMATE TENSILE: 9870 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3149 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01700HS	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	05/13/10	3760	Q	ULTIMATE TENSILE: 11990 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3768 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	UX01700MSE	TENSAR EARTH TECH 800/292-4459 WWW.TENSARCORP.COM WILLIE LIEW 707/344-2090	01/08/09	3765	Q	ULTIMATE TENSILE: 11990 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3768 LB/FT (WSDOT STANDARD PRACTICE T925)
02415.10	POLY DRAIN PIPE 4" - 10"	EAGLE CORR PE (DUAL WALL)	JM EAGLE 310/693-8200 EXT 7958	06/10/10	4136	A	
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE 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.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE NWT = NON WATER-TIGHT	12" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	08/14/08	3506	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE NWT = NON WATER-TIGHT	15" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	03/12/09	3717	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.

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02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE 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.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE 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.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE 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.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE 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.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE NWT = NON WATER-TIGHT	ADS SERIES N-12 ST IB	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731	11/13/08	3435	A	12" TO 60" DIAMETERS.
02415.10	POLY NWT PIPE - CULVERT CORRUGATED HDPE 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".
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE 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.
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE NWT = NON WATER-TIGHT	12" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	08/14/08	3506	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE NWT = NON WATER-TIGHT	15" PACIFIC CORRUGATED HD-PLN TYPE S PLAIN ENDS	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	03/12/09	3717	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.

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02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE 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.
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE 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.
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE 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.
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE 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.
02415.10	POLY NWT PIPE - STORM CORRUGATED HDPE 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".
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE 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.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	12" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	08/14/08	3505	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	15" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	03/12/09	3716	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE 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.

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02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE 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.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE 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.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE 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.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	42" PACIFIC CORRUGATED HD B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	11/12/09	3955	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	48" PACIFIC CORRUGATED HD B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	11/12/09	3957	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	ADS N-12 WTIB WAS ADS PRO-LINK ULTRA WT IB	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731	04/09/09	2482	A	DOUBLE WALL, CORRUGATIONS. 12" TO 60" DIAMETERS. HAS REINFORCED BELL.
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	EAGLE CORR PE (DUAL WALL) 12" - 60"	JM EAGLE 310/693-8200 EXT 7958	06/10/10	4136	A	APPROVED FOR WATER-TIGHT APPLICATIONS. 12" TO 60"
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	HANCOR BLUESEAL WAS SURE-LOK WT	HANCOR, 888/367-7473 KELLY KOKESH 425/457-1187	10/14/10	1891	A	LOOK FOR BLUE WRAP ON SEAL FOR WATERTIGHT VERSION. DIAMETERS: 4" TO 60".
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	ISCO SNAP TITE 10" - 63"	ISCO INDUSTRIES 800/345-4726	12/24/12	3695	A	

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02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	PRINSCO GOLDFLO WT (12"-48") INTEGRAL BELL & SPIGOT	PRINSCO INC 815/635-3131 877/485-3316	01/10/08	3599	A	CORRUGATED HDPE
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	PRINSCO GOLDFLO WT (60") INTEGRAL BELL & SPIGOT	PRINSCO INC 815/635-3131 877/485-3316	04/14/11	3599	A	CORRUGATED HDPE
02415.10	POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT	WEHOLITE (60") WELDED JOINTS	UPOVOR INFRA LTD 800/668-1892	01/10/08	2392	A	EXTRUSION WELDED JOINT BY MFG APPROVED TECHS. WAS KWH PIPE (2014)
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE 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.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	12" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	08/14/08	3505	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	15" PACIFIC CORRUGATED HD-B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	03/12/09	3716	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE 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.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE 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.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE 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.

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02415.10	POLY WT PIPE - STORM CORRUGATED HDPE 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.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	42" PACIFIC CORRUGATED HD B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	11/12/09	3955	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	48" PACIFIC CORRUGATED HD B&S TYPE S BELL & SPIGOT	PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990	11/12/09	3957	A	DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	ADS N-12 WTIB WAS ADS PRO-LINK ULTRA WT IB	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731	04/09/09	2482	A	DOUBLE WALL, CORRUGATIONS. 12" TO 60" DIAMETERS. HAS REINFORCED BELL.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	EAGLE CORR PE (DUAL WALL) 12" - 60"	JM EAGLE 310/693-8200 EXT 7958	06/10/10	4136	A	APPROVED FOR WATER-TIGHT APPLICATIONS. 12" TO 60"
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	HANCOR BLUESEAL WAS SURE-LOK WT	HANCOR, 888/367-7473 KELLY KOKESH 425/457-1187	10/14/10	1891	A	LOOK FOR BLUE WRAP ON SEAL FOR WATERTIGHT VERSION. DIAMETERS: 4" TO 60".
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE 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.
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	ISCO SNAP TITE 10" - 63"	ISCO INDUSTRIES 800/345-4726	12/24/12	3695	A	
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	PRINSCO GOLDFLO WT (12"-48") INTEGRAL BELL & SPIGOT	PRINSCO INC 815/635-3131 877/485-3316	01/10/08	3599	A	CORRUGATED HDPE

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02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	PRINSCO GOLDFLO WT (60") INTEGRAL BELL & SPIGOT	PRINSCO INC 815/635-3131 877/485-3316	04/14/11	3599	A	CORRUGATED HDPE
02415.10	POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT	WEHOLITE (60") WELDED JOINTS	UPOVOR INFRA LTD 800/668-1892	01/10/08	2392	A	EXTRUSION WELDED JOINT BY MFG APPROVED TECHS. WAS KWH PIPE (2014)
02415.30	POLY WT PIPE - CULVERT STEEL REINFORCED HDPE WT = WATER-TIGHT	DUROMAXX WITH HP JOINTS 30" - 72"	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	08/12/10	3993	A	
02415.30	POLY WT PIPE - STORM STEEL REINFORCED HDPE WT = WATER-TIGHT	DUROMAXX WITH HP JOINTS 30" - 72"	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	08/12/10	3993	A	
02415.40	POLYPROPYLENE, CORRUGATED CULVERT	ADS HP STORM 36"-60" (DUAL WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731	12/24/12	4559	A	CHECK SPECIFICATIONS TO SEE IF ALLOWED BY PIPE INSIDE DIAMETER DON'T HANDLE IN TEMPS BELOW 0 DEGREES F.
02415.40	POLYPROPYLENE, CORRUGATED CULVERT	ADS SANITITE HP TW 30" -60" (TRIPLE WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDINIER 360-798-3731 800-733-8523	04/14/11	4558	A	DON'T HANDLE IN TEMPS BELOW 0 DEGREES F.
02415.40	POLYPROPYLENE, CORRUGATED SANITARY	ADS SANITITE HP DW (DUAL WALL) 12" - 30" (DUAL WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDINIER 360-798-3731 800-733-8523	04/14/11	4167	A	DON'T HANDLE IN TEMPS BELOW 0 DEGREES F.
02415.40	POLYPROPYLENE, CORRUGATED SANITARY	ADS SANITITE HP TW 30" -60" (TRIPLE WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDINIER 360-798-3731 800-733-8523	04/14/11	4168	A	DON'T HANDLE IN TEMPS BELOW 0 DEGREES F.
02415.40	POLYPROPYLENE, CORRUGATED STORM	ADS HP STORM 12" - 30" (DUAL WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDINIER 360-798-3731 800-733-8523	04/14/11	4559	A	DON'T HANDLE IN TEMPS BELOW 0 DEGREES F.

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02415.40	POLYPROPYLENE, CORRUGATED STORM	ADS HP STORM 36"-60" (DUAL WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731	12/24/12	4559	A	CHECK SPECIFICATIONS TO SEE IF ALLOWED BY PIPE INSIDE DIAMETER DON'T HANDLE IN TEMPS BELOW 0 DEGREES F.
02415.40	POLYPROPYLENE, CORRUGATED STORM	ADS SANITITE HP TW 30" -60" (TRIPLE WALL)	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDINIER 360-798-3731 800-733-8523	04/14/11	4558	A	DON'T HANDLE IN TEMPS BELOW 0 DEGREES F. NOW 4558
02415.50	PVC DRAIN PIPE - PERF PERFORATED	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	A	
02415.50	PVC DRAIN PIPE - PERF PERFORATED	IPEX PVC DRAIN PIPE 3" AND 6"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	3433	A	
02415.50	PVC DRAIN PIPE - SOLID SOLID	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/01/07	488	A	
02415.50	PVC DRAIN PIPE - SOLID SOLID	IPEX PVC DRAIN PIPE 3" AND 6"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	3433	A	
02415.50	PVC PIPE - IRRIGATION	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	A	
02415.50	PVC PIPE - IRRIGATION	IPEX BLUE BRUTE C900 4" TO 12"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	2184	A	
02415.50	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

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02415.50	PVC PIPE - SANITARY	IPEX PVC ULTRA RIB PIPE 8" TO 24"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	1508	A	
02415.50	PVC PIPE - SANITARY	IPEX RING-TITE GASKETED 4" TO 42"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	2186	A	
02415.50	PVC WT PIPE - CULVERT WT = WATER-TIGHT	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	A	
02415.50	PVC WT PIPE - CULVERT WT = WATER-TIGHT	IPEX PVC ULTRA RIB PIPE 8" TO 24"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	1508	A	
02415.50	PVC WT PIPE - STORM WT = WATER-TIGHT	A-2000	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	05/10/07	488	A	
02415.50	PVC WT PIPE - STORM WT = WATER-TIGHT	IPEX PVC ULTRA RIB PIPE 8" TO 24"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	1508	A	
02415.50	PVC WT PIPE - STORM WT = WATER-TIGHT	IPEX RING-TITE GASKETED 4" TO 42"	IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323	03/08/07	2186	A	
02420.20	POLYMERIC COATING FOR CORRUGATED STEEL AND SPIRAL RIB PIPE	TRENCHCOAT WAS DOW	VALFILM USA 989/859-9966 PACIFIC CORRUGATED PIPE LARRY WOOD 800/528-8815	03/14/02	2191	A	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.

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02440.10	EXPANSION JOINT SYSTEM, PREFORMED	FIBERFLEX EXPANSION JOINT/FORMFLEX	STEICO SE 410/725-9334	04/11/14	4760	A	NON STRUCURAL APPLICATIONS
02440.10	PREFORMED JOINT FILLER FOR CONCRETE	HOMEX 300	HOMASOTE COMPANY 800/257-9491	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 POINTE CO. 888/755-5700 815/754-5700 JIM SULLIVAN 206/484-8236	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	SIKASIL728 RCS WAS BONDAFLEX SIL728 RCS	SIKA CORP 800/933-7452 MASON SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	07/08/10	3163	Q	SELF LEVELING. DESIGN AND PROPER INSTALLATION IMPORTANT!
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.
02440.14	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	ASTM D5249 TYPE 1/3
02440.14	BACKER ROD	HBR	CONSTRUCTION FOAM PRODUCTS LISA JARVIS 919/380-6640 (CFM A DIV OF NOMACO)	07/14/11	820	A	ASTM D5249 TYPE 3

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02440.14	BACKER ROD	HBR-XL	CONSTRUCTION FOAM PRODUCTS LISA JARVIS 919/380-6640 (CFM A DIV OF NOMACO)	07/14/11	366	A	ASTM D5249 TYPE 1/3
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	ASTM D5249 TYPE 1/3
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	ASTM D5249 TYPE 3
02440.30	POURED JOINT FILLER HOT POURED	#3405 REGULAR - OR	RIGHT POINTE CO. 888/755-5700 815/754-5700 JIM SULLIVAN 206/484-8236	08/14/08	3672	A	
02440.30	POURED JOINT FILLER HOT POURED	BERAM 195	MCASPHALT INDUSTRIES 800/268-4238 PHOENIX ASPHALT 503/289-6696	11/08/07	3538	A	
02440.30	POURED JOINT FILLER HOT POURED	CRAFCO ROADSAVER 201 PART #34201	CRAFCO INC. 800/528-8242 GREG SHARP 971/645-1826	12/09/04	476	A	
02440.30	POURED JOINT FILLER HOT POURED	CRAFCO ROADSAVER 221 PART #34221	CRAFCO INC. 800/528-8242 GREG SHARP 971/645-1826	12/09/04	2099	A	
02440.30	POURED JOINT FILLER HOT POURED	DEERY 102 (PART# 80102)	CRAFCO 800/528-8242 WALLY SMITH 970/260-2596 PMSI 503/284-4330	04/14/11	3067	A	ASPHALTIC
02440.30	POURED JOINT FILLER HOT POURED	DEERY 102GL (PART# 80102GL)	CRAFCO 800/528-8242 WALLY SMITH 970/260-2596 PMSI 503/284-4330	04/14/11	3330	A	ASPHALTIC

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02440.30	POURED JOINT FILLER HOT POURED	ELASTOFLEX 500	MAXWELL PRODUCTS 801/972-2090	10/14/04	2823	A	ASPHALTIC
02440.30	POURED JOINT FILLER HOT POURED	ELASTOFLEX 61	MAXWELL PRODUCTS 801/972-2090	10/14/04	1010	A	ASPHALTIC
02440.30	POURED JOINT FILLER HOT POURED	ELASTOFLEX 62	MAXWELL PRODUCTS 801/972-2090	10/14/04	1011	A	ASPHALTIC
02440.30	POURED JOINT FILLER HOT POURED	NUVO 3405	MAXWELL PRODUCTS 801/972-2090	07/09/09	3870	A	
02440.30	POURED JOINT FILLER HOT POURED	ROADSEAL 10312	ROADSEAL CANADA 604/451-0721 778/881-6984	01/14/10	4084	A	
02440.30	POURED JOINT FILLER HOT POURED	SA 102	MAXWELL PRODUCTS 801/972-2090 SPECIAL ASPHALR PRODUCTS GARY COOK 503/295-6490	04/24/13	4609	A	ASPHALTIC
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	A	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

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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".
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	A	
02450.30	MANHOLE STEPS	AMERICAN STEP # ML-13 (STD)	AMERICAN STEP COMPANY 800/988-7837	04/14/05	1871	A	
02450.30	MANHOLE STEPS	AMERICAN STEP # SML-13 (STD)	AMERICAN STEP COMPANY 800/988-7837	04/14/05	1872	A	
02450.30	MANHOLE STEPS	BOWCO 93813R	BOWCO INDUSTRIES 503/266-9405	09/13/07	3518	A	
02450.30	MANHOLE STEPS	LANE POLYPROPYLENE #P - 14850	LANE INTERNATIONAL CORP 503/692-9860 800/666-0076	07/23/12	4508	A	Replaces Model #13938
02450.30	MANHOLE STEPS	LANE POLYPROPYLENE #P - 14938	LANE INTERNATIONAL CORP 503/692-9860 800/666-0076	07/23/12	4509	A	Replaces Model #13938

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02450.30	MANHOLE STEPS	MA MANHOLE STEPS PS2-PF	MA INDUSTRIES 800/241-8250 PIPE INC 503/285-8391	04/11/02	72	A	
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	NAP-GARD 7-2719	AXALTA COATING SYSTEMS ROB PHILLIPPI 513/520-2657	06/14/01	2359	A	MEETS AASHTO M 284, PER VALLEY FORGE TESTING. MFG RECOMMENDED PATCH IS NAPGARD 7-1870. WAS DUPONT
02510.11	COATING FOR REBAR EPOXY	NAP-GARD 7-2750	AXALTA COATING SYSTEMS ROB PHILLIPPI 513/520-2657	01/28/13	4596	A	PATCH IS NAPGARD 7-1868 WAS DUPONT
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 RB-600	AKZO POWDER COATINGS FRITZ HERRMANN 615/995-5576	07/10/08	3586	A	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) RJ LABRADOR 512/984-3525	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) RJ LABRADOR 512/984-3525	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	A	THIS APPEARS TO WORK BETTER THAN FIELD APPLIED PATCHES.

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APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2016

STANDARD SPEC #	CATEGORY	PRODUCT NAME	LOCAL REPRESENTATIVE AND/OR MANUFACTURER	EFFECTIVE DATE	PRODUCT NUMBER	LIST	REMARKS
02510.11	COATING FOR REBAR SPLICES	SPICESEAL (HEAT SHRINK)	RJD INDUSTRIES, INC. 800/344-4753 WESTERN COATINGS, INC. 206/735-1070	04/10/97	953	A	THIS APPEARS TO WORK BETTER THAN FIELD APPLIED PATCHES. HEAT SHRINK TUBING
02510.25	HEADED BAR REINFORCEMENT	LENTON TERMINATOR D6 SERIES	ERICO PRODUCTS INC. 440-248-0100	01/21/14	3805	Q	#4 - #18 THREADED
02530.71	GALVANIZING, REPAIR HOT-DIP	DEVCON Z	ITW DEVCON 978/777-1100	01/21/14	4743	A	BRUSH OR SPRAY APPLICATION 3 MIL DRY FILM THICKNESS MINIMUM
02530.71	GALVANIZING, REPAIR HOT-DIP	ROVAL COLD GALVANIZING COMPOUND HIGH-BUILD TYPE	ROVAL USA, INC 971/237-0958	01/08/15	4862	A	BRUSH OR SPRAY APPLICATION 3 MIL DRY FILM THICKNESS MINIMUM
02530.71	GALVANIZING, REPAIR HOT-DIP	Z.R.C	ZRC WORLDWIDE 800/831-3275	01/21/14	4742	A	BRUSH OR SPRAY APPLICATION 3 MIL DRY FILM THICKNESS MINIMUM
02530.71	GALVANIZING, REPAIR HOT-DIP	ZINGA	CARWELL 800/856-6798	01/21/14	4744	A	BRUSH OR SPRAY APPLICATION 3 MIL DRY FILM THICKNESS MINIMUM
02560.70	LUBRICANTS BLACK FASTENERS	MARVEL MYSTERY OIL	TURTLE WAX 800/887-8539	01/31/13	4598	A	BLACK FASTENERS ONLY NOT FOR COATED OR GALVANIZED FASTENERS
02560.70	LUBRICANTS BLACK FASTENERS	ZEP 45	ZEP, INC. 877/428-9937 OR 404/352-1680	01/31/13	4599	A	BLACK FASTENERS ONLY NOT FOR COATED OR GALVANIZED FASTENERS
02560.70	LUBRICANTS FOR GALVANIZED FASTENERS	MACUGUARD TORQUE 'N TENSION MACDERMID	ABCO PRODUCTS OF SACRAMENTO 916/447-9931 OR 916/417-4142	06/10/10	3814	A	

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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	A	USE AS CORROSION RESIST LUBRI- CANT ON VARIOUS FASTENERS. ALSO, USE AS A RUST PROTECTOR.
02560.70	LUBRICANTS FOR GALVANIZED FASTENERS	STICK-WAX WAS 140 STICK-WAX	CASTROL INDUSTRIAL 877/641-1600 IDG 503/288-3252 TYRE OIL 541/687-0076	09/10/09	920	A	
02560.70	LUBRICANTS FOR STAINLESS FASTENERS	MOLYKOTE G-N	DOW CORNING 989/496-6000	08/23/13	4690	A	STAINLESS STEEL FASTENERS NOT FOR COATED OR GALVANIZED
02820.00	GUARDRAIL END TERMINAL MASH 2009 TL-3 4' FLARE 'L'=37.5'	SRT M10 NON-ENERGY ABSORBING UNIT	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559	05/03/16	4952	A	TESTED FOR IMPACT SPEEDS UP TO 60MPH HEIGHT 27 5/8" & 31"
02820.00	GUARDRAIL END TERMINAL MASH TL-2 1' FLARE (50:1) 'L'-50'9" 2' FLARE (25:1) 'L'-50'9"	SOFTSTOP END TERMINAL ENERGY ABSORBING UNIT	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 8	01/21/14	4682	A	TESTED FOR IMPACT SPEEDS UP TO 60MPH 2' FLARE (25:1) 'L'-50'9" APPROVED 8/15 HEIGHT 27 5/8" & 31"
02820.00	GUARDRAIL END TERMINAL MASH TL-3 1' FLARE (50:1) 'L'-50'9" 2' FLARE (25:1) 'L'-50'9"	SOFTSTOP END TERMINAL ENERGY ABSORBING UNIT	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 8	01/21/14	4682	A	TESTED FOR IMPACT SPEEDS UP TO 60MPH 2' FLARE (25:1) 'L'-50'9" APPROVED 8/15 HEIGHT 27 5/8" & 31"
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 45 MPH. HEIGHT 27 5/8" & 31"
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	A	SEQUENTIAL KINKING TERMINAL. TESTED AT IMPACT SPEEDS OF 45 MPH HEIGHT 27 5/8" & 31"
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 0-4' FLARE 'L'=37.5'	TREND 350 FLARED END TERMINAL	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	12/10/12	4569	A	ENERGY ABSORBING SHOULDER TERMINALS HEIGHT 27 5/8" & 31"

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02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 0-4' FLARE 'L'=37.5'	X-LITE NON-ENERGY ABSORBING UNIT	LINDSAY TRANSPORTATION SOLUTIONS 707/374-6800 BARRIER SYSTEMS 704/473-6501	07/17/12	4505	A	NON-ENERGY ABSORBING TANGENT AND FLARED APPLICATION WAS TX TANGENT TERMINAL 10/15/13
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 0-4' FLARE 'L'=43'	X-TENSION GR END TERMINAL ENERGY ABSORBING UNIT	BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR INDUSTRIES 503/701/1125	08/25/11	4220	A	HEIGHT 27 5/8" & 31"
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 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 60 MPH. HEIGHT 27 5/8" & 31"
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. MIKE MADDEN 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 NON-FLARED; 'L' = 37.5	SKT LITE (7 POST SYSTEM) ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	11/13/08	3682	A	SEQUENTIAL KINKING TERMINAL. TESTED AT IMPACT SPEEDS OF 60 MPH. ENTIRE 7 POST 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 60MPH HEIGHT 27 5/8" & 31"
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. MIKE MADDEN 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.
02820.00	GUARDRAIL END TERMINAL NCHRP 350 TL-3 TANGENT FLARE 0-2' 'L'= 37.5'	TREND 350 END TERMINAL ENERGY ABSORBING UNIT	TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976	01/21/14	4701	A	TESTED FOR IMPACT SPEEDS UP TO 60MPH HEIGHT 27 5/8" & 31"

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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 GEORGE TAMAYORI 562/777-1810	09/10/98	1704	A	ENCAPSULATED LENS. N512 WHITE, N504 YELLOW, N505 RED, N506 BLUE, N507 ORANGE, N509 BROWN.
02910.20	SIGN SHEETING - TYPE III ASTM D4956 PRISMATIC HIP	3-M SERIES 3930 (3930,3931,3934,3935,3937)	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	09/28/05	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	WHITE: T6500, YELLOW: T6501, ORANGE: T6504, RED: T6508, GREEN: T6507, BLUE: T6505, BROWN: T6509
02910.20	SIGN SHEETING - TYPE IV ASTM D4956 PRISMATIC HIP	3-M SERIES 3930 (3930,3931,3934,3935,3937)	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	09/08/05	2949	A	3930 WHITE, 3931 YELLOW, 3934 ORANGE, 3935 BLUE, & 3937 GREEN. NO FLORESCENT ORANGE.
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC	3-M SERIES 4000 (DG3) (4090,91,92,95,97,99,81,83)	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	05/13/10	3115	A	OK FOR TYPE IX ONLY. COLORS: WHITE 4090, YELLOW 4091, RED 4092, BLUE 4095, GRN 4097, F-YELLOW 4081, F-YG 4083
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC	AVERY DENNISON T-9500	AVERY DENNISON 800/327-5917	02/11/10	3605	A	T-9500 WHITE, T-9501 YELLOW, T-9505 BLUE, T-9507 GREEN T-9508 RED, T-9513 FL YEL/GRN, T-9511 FY.
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC	OMNICUBE T-11500 SERIES ASTM TYPE XI	AVERY DENNISION 240/925-6891	01/21/14	4502	A	T-11500 WHITE, T-11501 YELLOW T-11507 GREEN, T-11508 RED T-11505 BLUE, T-11513 FL. YELLOW-GREEN T-11511 FL. YELLOW
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC FLUORSECENT ORANGE	OMNICUBE W-11514 FLUO ORANGE ASTM TYPE XI	AVERY DENNISON 240/925-6891	01/21/14	4501	A	

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02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC - FLUORESCENT YELLOW	3-M SERIES 3981	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	12/12/96	2843	A	
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC - FLUORESCENT YELLOW-GREEN	3-M SERIES 3983	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	12/12/96	1898	A	
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC VIP	3-M SERIES 3990 (VIP GRADE) (3990,91,92,95,97)	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	11/09/95	1328	A	FOR URBAN STREET LEVEL. WHITE 3990, YELLOW 3991, RED 3992, BLUE 3995, GREEN 3997
02910.60	ELECTRONIC CUTTABLE FILM	OL-2000 OVERLAY SERIES	AVERY DENNISON 240/925-6891	03/27/13	4285	A	
02910.60	ELECTRONIC CUTTABLE FILM ALTERNATIVE FOR SILK SCREENING	3-M SERIES 1170	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	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 TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	05/09/96	1413	A	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 TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	01/10/02	2436	A	FOR 3-M SHEETING ONLY. DESIGNED TO ALLOW EASY REMOVAL OF GRAFFITI.
02910.70	ANTI-GRAFFITI COATING FOR SIGNS	AVERY OL-1000 CLEAR FOR AVERY SIGNS	AVERY DENNISON 800/327-5917	12/10/09	3949	A	FOR AVERY DENNISON SHEETING ONLY.
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.

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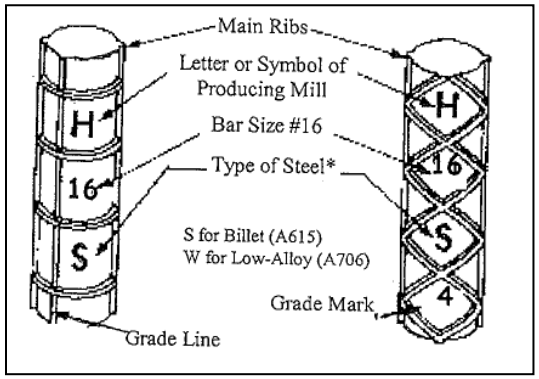
Appendix A—Approved Reinforcing Steel Producers

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 (# 4 through # 18)

3rd --- Type of Steel: **S** Billet (A 615)
W for Low Alloy (A 706)

4th ---Minimum Yield Designation

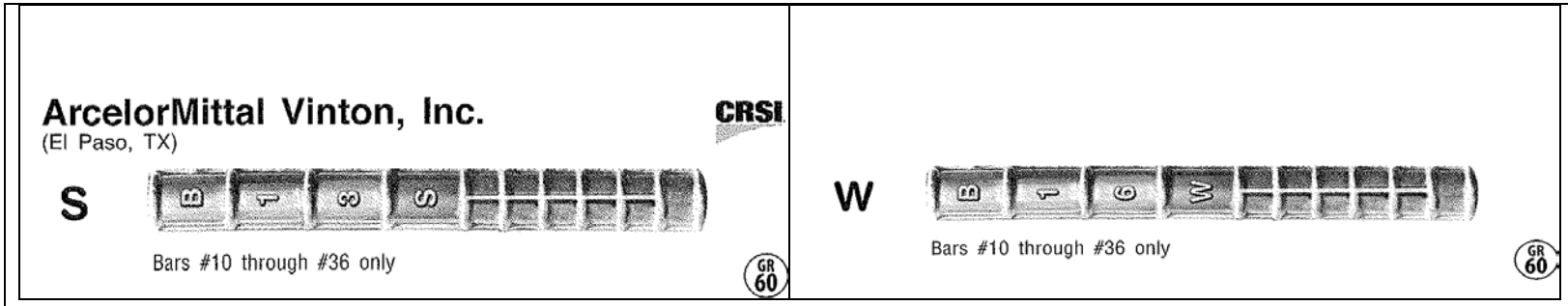
The minimum yield designation for Grade 420 bars is either one (1) single, longitudinal line (grade line) or the number 4 (grade mark).

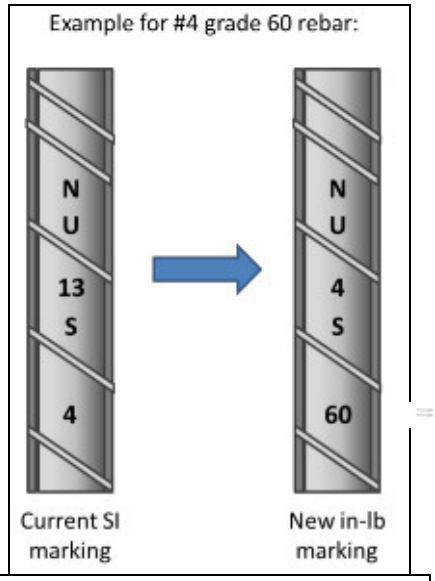
A grade line is smaller and is located between the two main ribs, which are on opposite sides of all bars made in the United States. A grade line must be continued through at least 5 deformation spaces, and it may be placed on the side of the bar opposite the bar marks. A grade mark is the fourth mark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

ArcelorMittal Vinton, Inc. El Paso Texas ODOT # 1841

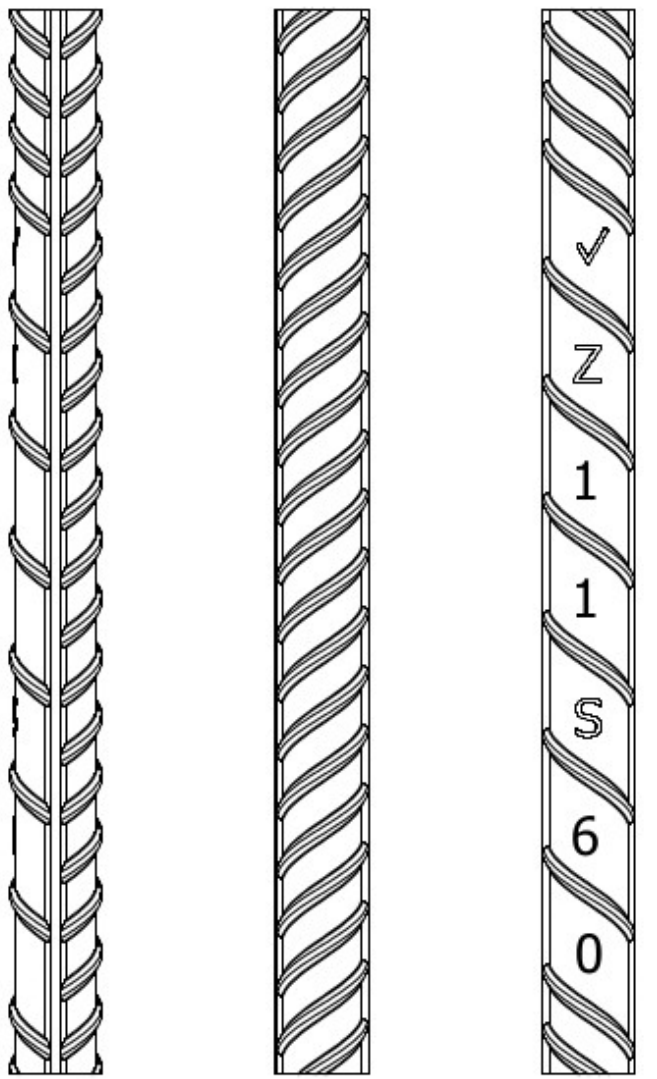


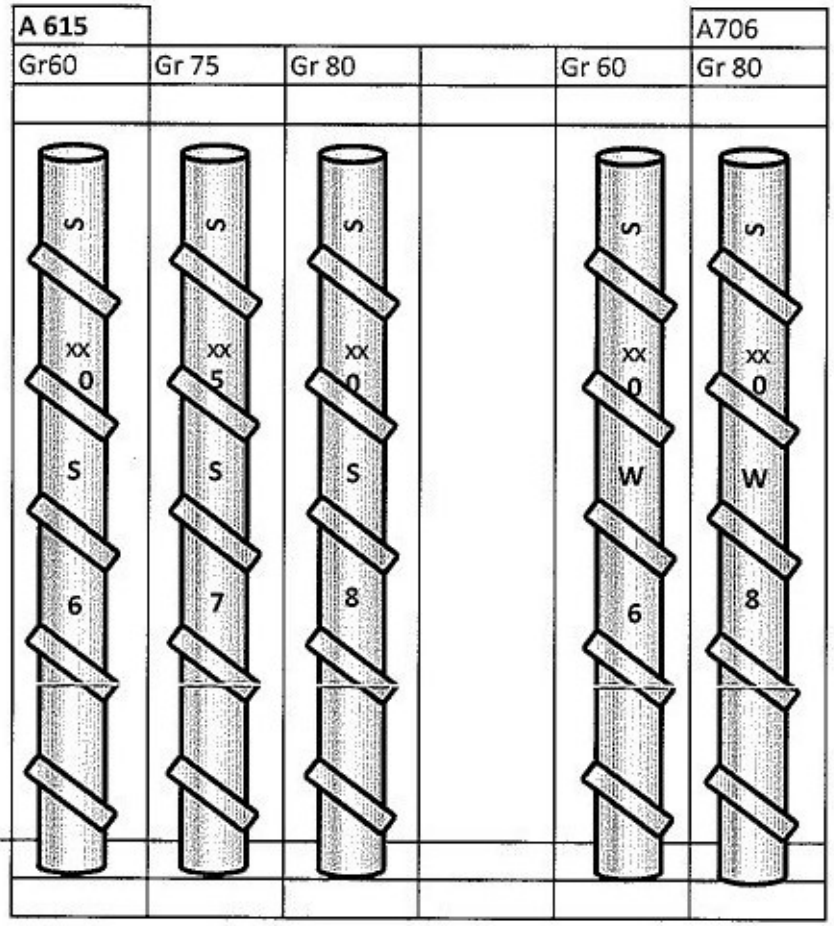


Nucor Steel Utah ODOT # 1112

#11 REBAR

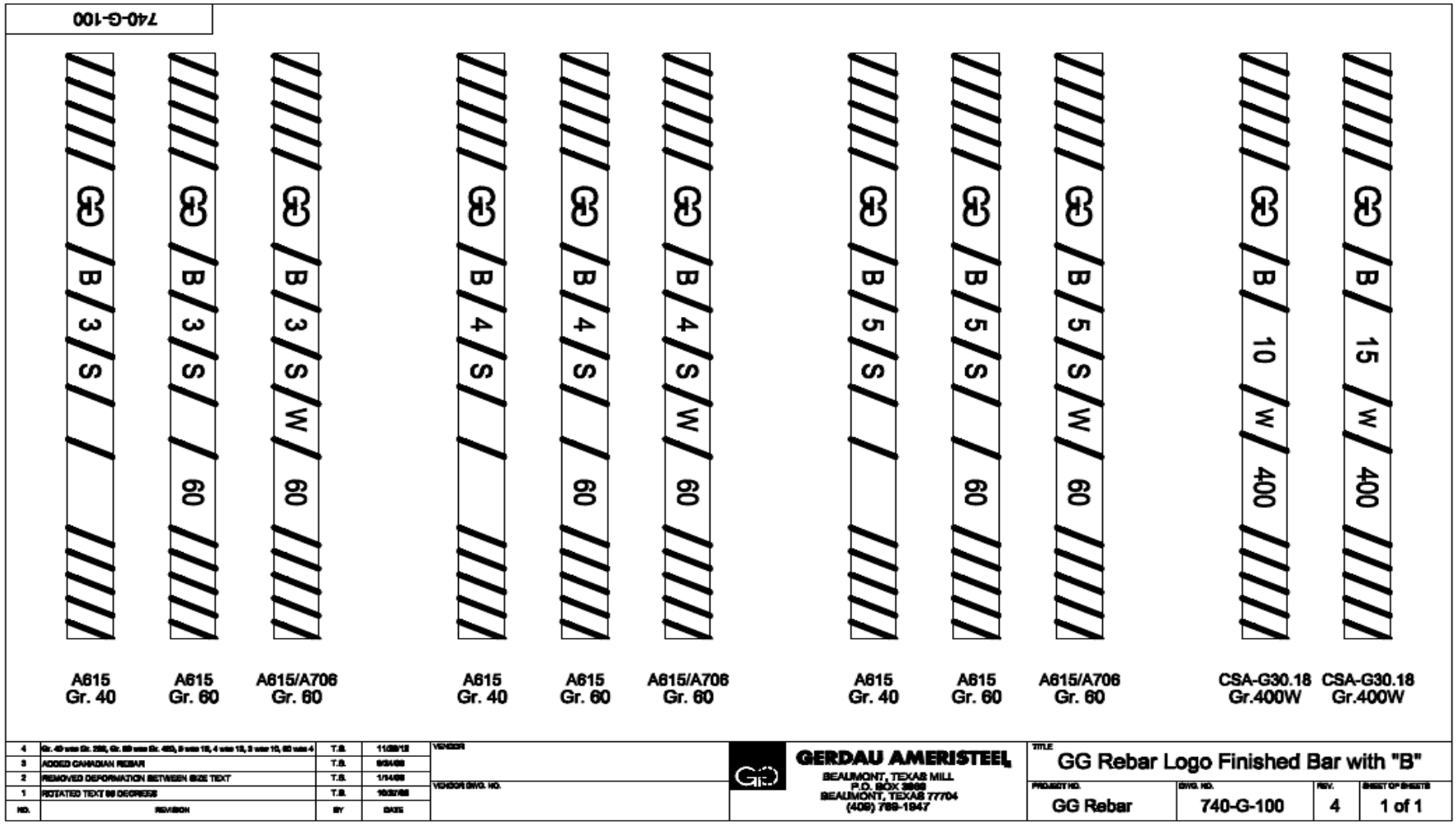
CMC Steel Mesa Arizona ODOT #4118



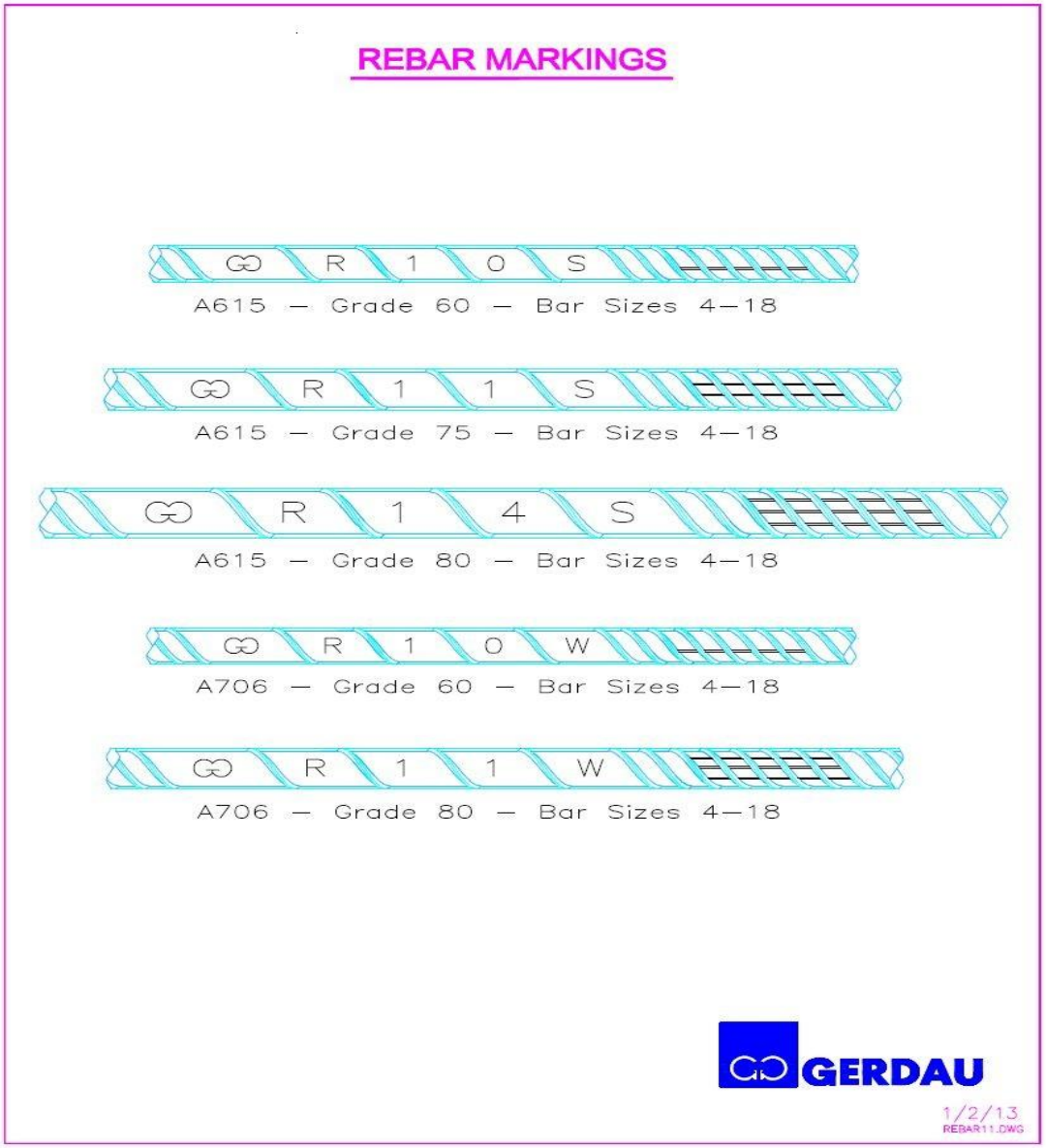


Bar sizes 4, 5, 6, 7, 8, 9, 10, 11, 14, 18.

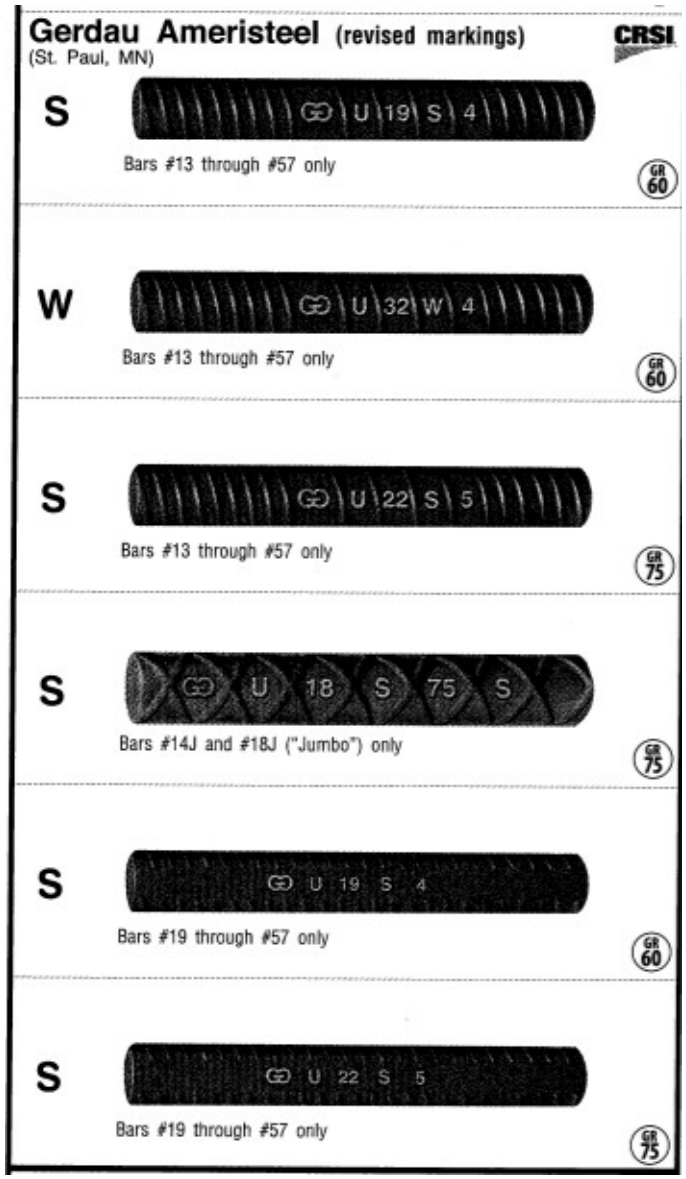
Nucor Steel Seattle Washington ODOT # 2935



Gerdau Steel Beaumont Texas ODOT #4838



Gerdau at Rancho Cucamonga California ODOT # 1842

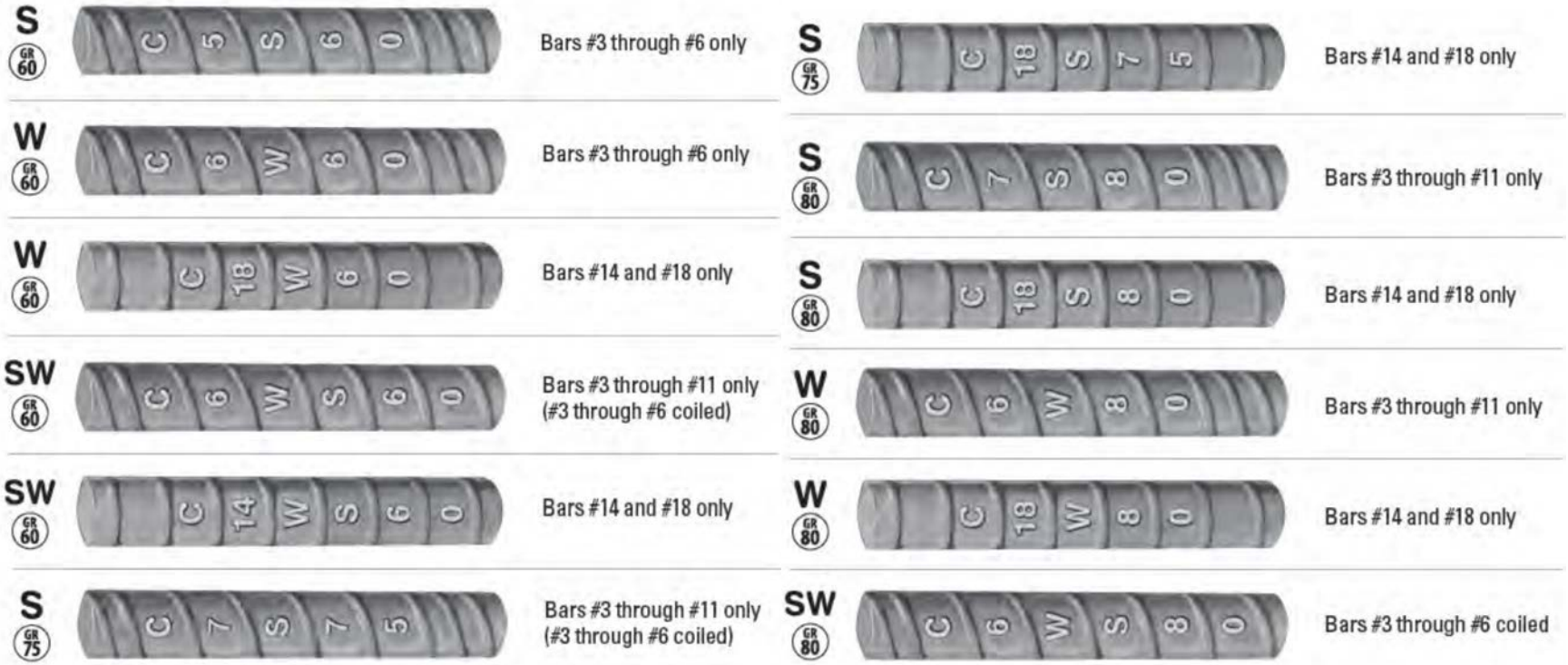


Gerdau St. Paul Minnesota ODOT # 1623

Cascade Steel Mc-Minnville Oregon
ODOT # 1111

Cascade Steel Rolling Mills, Inc.
(McMinnville, OR)

CRSI Concrete Reinforcing Steel Institute MEMBER



A706/A615 GRADE 60 REBARS MARKINGS
Rebar sizes: #3 thru #6

NUCOR STEEL – KINGMAN, AZ
ODOT #4356

Current SI Marking

New IN-LBS

EVRAZ INC, NA PUEBLO, COLORADO
ODOT #1621 (COILED REBAR #3-#6)

January 8, 2014 [EVRAZ ROD/BAR MILL REBAR MARKINGS]

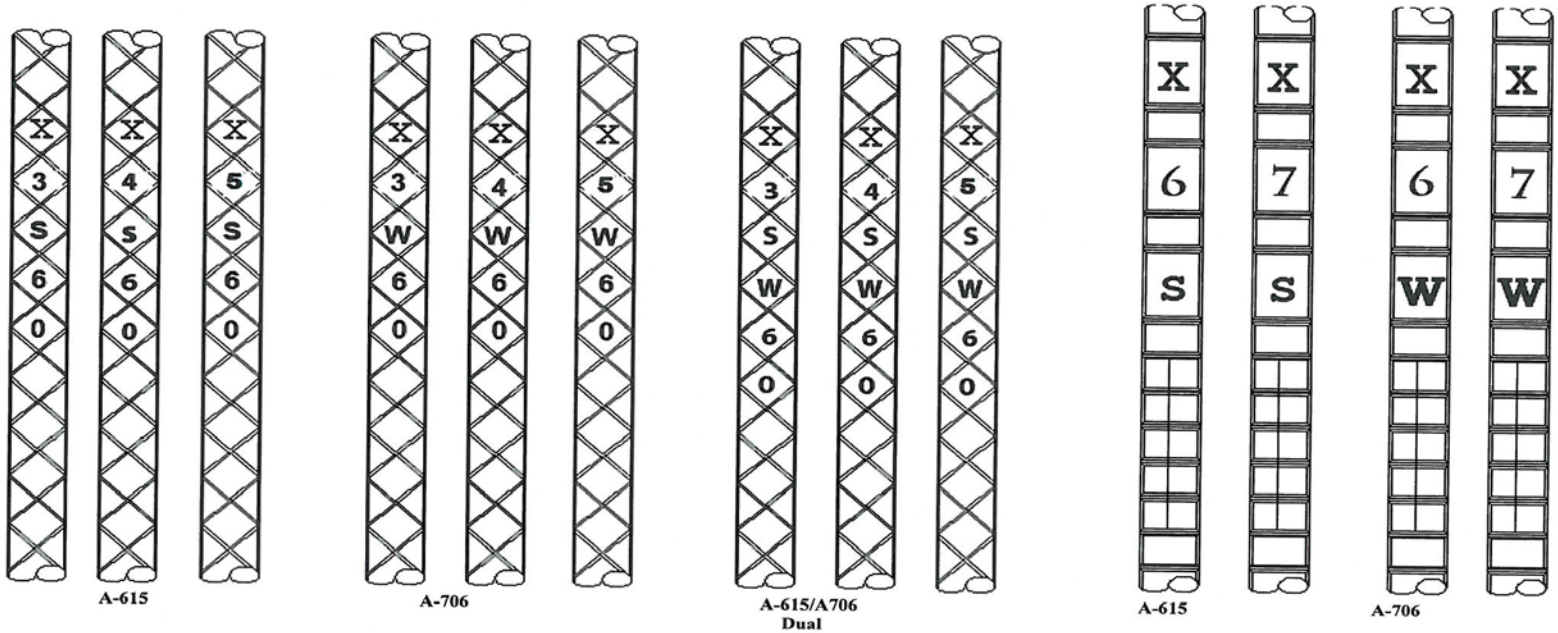


Table-RB-700-8 Rev 2

NUCOR-BAURBONNAIS (KANKAKEE)
ODOT #4943 (BAR SIZE #3-#11)

NUCOR STEEL - KANKAKEE
BARS #3-#11 BAR A706 ONLY