

OREGON DEPARTMENT OF TRANSPORTATION
CONSTRUCTION SECTION

QUALIFIED PRODUCTS LIST

PUBLISHING DATE:
JULY 2020
AMENDED FOR 2021 SPECIFICATIONS



The Qualified Products List is updated every six months or amended as needed.

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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Reinforcing Steel	A1-A17

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

[Qualified Products Web Page](#)

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

"QPL" INDEX BY CATEGORY TO GET SPECIFICATION NUMBERS

PAGE I

CATEGORY	SPEC #
ANTI-GRAFFITI COATING - SIGNS	02910.70
ASPHALT COLD PATCH - HI PERF	00745.00
ASPHALT RELEASE AGENT	00745.22
AUTOMATED FLAGGER ASSIST. DEVICE	00223.23
BACKER ROD	02440.14
BARRICADE, TEMPORARY	00224.15
BARRIER PANELS, REFLECTIVE	00226.11
BARRIER, CABLE	00811.00
BEARINGS, BRIDGE	00582.10
BICYCLE CHANNELIZING DEVICES	00228.12
BIRD SPIKES	00907.10
BOLT GRADE ADJUSTMENT SYSTEM	00470.42
BONDING AGENT, EPOXY	02070.10
BONDING AGENT, NON-EPOXY	02070.20
CEMENT, BLENDED	02010.20
CEMENT, PORTLAND	02010.10
CEMENTITIOUS PIPE LINER	00413.10
CFRP STRENGTHENING WET LAY UP	00565.00
CHEMICAL ADMIXTURES	02040.10
CHLORIDE REMOVER	00594.13
CONCRETE & CRACK SEALER HIGH MOD.	02060.20
CONCRETE & CRACK SEALER LOW MOD.	02060.10

CATEGORY	SPEC #
CONCRETE ANCHOR, MECHANICAL	00534.10
CONCRETE ANCHOR, RESIN	00535.10
CONCRETE BARRIER GATE	00820.00
CONCRETE MODIFIER - LATEX	02035.00
CONCRETE SCM - BLENDED	02030.60
CONCRETE SCM - FLY ASH	02030.10
CONCRETE SCM - GGBF SLAG	02030.40
CONCRETE SCM - METAKAOLIN	02030.50
CONCRETE SCM - 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 2, 3 & 5)	00840.10
DELINEATORS, TEMP	00224.14
DETECTABLE WARNING DEVICES	00759.12
DRAINS, TRENCH (PREFORMED)	00446.00
ELASTOMERIC CONCRETE	00584.10
ELECTRONIC CUTTABLE FILM	02910.60
EROSION CONTROL	00280.00

CATEGORY	SPEC #
EXPANSION JOINTS, BRIDGE	00585.10
FENCING, WORKZONE	00221.13
FLAGGER STATION LIGHTING	00223.22
FLAGGER STOP/SLOW PADDLE	00223.21
GALVANIZING REPAIR OF HOT-DIP	02530.71
GEOGRIDS - SUBGRADE REINFORCEMENT	02320.10
GEOGRIDS - TYPE I MSEW	02320.10
GLARE SHIELDS	00822.00
GLARESCREEN TEMPORARY	00226.11
GROUT, EPOXY	02080.10
GROUT, KEYWAY	02080.30
GROUT, NON-EPOXY (NON SHRINK)	02080.20
GROUT, STRUCTURAL	02080.60
GROUT, TENDON	02080.50
GUARDRAIL BLOCKS, PLASTIC	02110.20
GUARDRAIL TERMINALS	00810.10
HOT APPLIED JOINT SEALANT	02440.30
IMPACT ATTENUATOR, PERM.	00830.00
IMPACT ATTENUATOR, TEMP.	00226.12
IMPACT ATTENUATOR, TRUCK MTD	00226.23
JOINT FILLER, PREFORMED	02440.10
LATEX EMULSION PAINT	02210.30

OREGON DEPARTMENT OF TRANSPORTATION

"QPL" INDEX BY CATEGORY TO GET SPECIFICATION NUMBERS

PAGE II

CATEGORY	SPEC#
LOOP SEALANTS, TRAFFIC	00990.43
LUBE FOR FASTENERS	02560.70
LUBE FOR GALV FASTENERS	02560.70
LUBE FOR STAINLESS FASTENERS	02560.70
MAILBOX SUPPORTS	01070.00
MANHOLE RISER RINGS	00470.00
MANHOLE STEPS	02450.30
MARKERS, CONICAL	00224.11
MARKERS, TUBULAR	00224.10
MARKERS, TUBULAR, SURF. MTD, PERM.	00856.10
MARKERS, TUBULAR, SURF. MTD, TEMP.	00224.12
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	00556.10B
MULTI - LAYER POLY. CON. OVERLAY	00556.10A
PAINT STRIPING BEADS, TEMP	00225.12B
PAINT STRIPING, TEMP	00225.12A
PAVEMENT MARKER ADHESIVE	00855.00

CATEGORY	SPEC#
PAVEMENT MARKER, FLEXIBLE	00225.10
PAVEMENT MARKER, PERMANENT	00855.00
PCC REPAIR	02015.20
PCC REPAIR POLYMER MODIFIED	02015.30
PCC REPAIR, SURFACE	02015.50
PCMS / PVMS - CHNGABLE MESSAGE SIGN	00222.15B
PEDESTRIAN CHANNELIZING DEVICE	00228.10
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	02415.10
PIPE - POLYPROPYLENE	02415.40
PIPE - PVC	02415.50
PIPE, MASTIC	00445.12
PIPE, POLYMER COATINGS FOR METAL PIPE	02420.20
PLASTIC DRUMS, TEMPORARY	00224.13
POROUS PAVER	00760.00
POURED SEALANT, SILICONE (2 PART)	02440.11
PSST SIGN SUPPORTS, TEMP	00222.11E
RADAR SPEED TRAILER	00222.15C
RAMPS, TEMPORARY SIDEWALK	00228.13

CATEGORY	SPEC#
RAPID SET CEMENT	02011.10
REBAR MANUFACTURERS	00530.00
REBAR SPLICE, MECHANICAL	00530.42
REFLECTIVE ELEMENTS FOR MARKINGS	00850.00
REINFORCEMENT, HEADED BAR	02510.25
ROCK BOLTS	00398.00
SEQUENTIAL ARROW SIGN	00222.15A
SIGN COVERS, TEMPORARY	00222.12A
SIGN SHEETING, TYPES I - X	02910.20
SIGN SHEETING, WORKZONE RIGID	00222.10B
SIGN SHEETING, WORKZONE ROLL-UP	00222.10D
SIGN SUPPORTS, PORTABLE	00222.11B
SMART WORK ZONE SYSTEM VENDOR	00229.10
SOIL BIO AMENDMENT	01040.17
SOIL STERILIZATION	01040.21
STORMWATER CONTROL FACILITIES	01010.03
STRUCTURAL STEEL CAULKING	00594.12
STRUCTURAL STEEL COATINGS	00594.10
SYNTHETIC FIBER, MACRO, MICRO, BLEND	02045.00
SYNTHETIC SLURRY	00512.14
TAPE, NON-REFLECTIVE	00225.11
TAPE, TEMPORARY	00225.11

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CATEGORY	SPEC#
TEMPORARY WALKS	00228.14
TIMBER COATING	02210.20
TRAFFIC SIGNAL, PORTABLE	00227.13
TRANSVERSE RUMBLE STRIPS, TEMP.	00225.14
WATERPROOFING - CAP	00597.11
WOOD PRESERVATIVE, FIELD	02190.30

Traffic Control Devices Notice (7-2020)

The American Association of State 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, Message Boards, AFAD's, Flagger Station Lighting, Radar Speed (Trailers). etc.

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

FHWA Office of Safety: <https://safety.fhwa.dot.gov/>

Countermeasures that Reduce Crash Severity:
https://safety.fhwa.dot.gov/roadway_dept/countermeasures/reduce_crash_severity/

NCHRP Report 350: http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_350-a.pdf

MASH: https://bookstore.transportation.org/item_details.aspx?ID=2707

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

Erosion Control

<u>Category</u>	<u>Sub Category</u>	<u>Section</u>
<u>Erosion Prevention Materials</u>		
	Matting – Slope	00280.14e
	Type A - Slopes 1V:3H or flatter - Clay Soil	
	Type B - Slopes 1V:3H or flatter - Sandy Soil	
	Type C - Slopes steeper than 1V:3H - Clay Soil	
	Type D - Slopes steeper than 1V:3H - Sandy Soil	
	Matting – Flexible Channel Liner	00280.14e
	Type E - Shear Stress Range 0 –2 lbs/ft ²	
	Type F - Shear Stress Range 0 –4 lbs/ft ²	
	Type G - Shear Stress Range 0 –6 lbs/ft ²	
	Type H - Shear Stress Range 0 –8 lbs/ft ²	
<u>Runoff Control Materials</u>		
	Check Dam	
	Type 5 – Prefabricated System	00280.15a
	Compost Filter Sock	
	Filter Sock Material	00280.15f (1)
<u>Sediment Control Materials</u>		
	Inlet Protection	
	Type 3 – Prefabricated Filter Inserts	00280.16d
	Sediment Barrier	
	Type 7 – Prefabricated Barrier System	00280.16e
	Sediment Mat	00280.16f

Erosion Control

<u>Category</u>	<u>Sub Category</u>	<u>Section</u>
<u>Sediment Control Materials Cont.</u>		
	Flocculant	00280.16k
<u>Mulch</u>		01030.15a
<u>Tackifier</u>		01030.16
	Liquid Stabilizer Emulsion Dry Powder Tackifier	
<u>Moisture Retention Chemicals</u>		01040.22b
<u>Miscellaneous Items</u>		01040.23

Pavement Markings (1 of 2)

(Rev 7-19)

Longitudinal Durable Pavement Markings Section 00865.00

Category
Method (A)
Extruded

Applications
(S) Surface (P) Profile, 120 Mils w/ ½” bumps
(G) Grooved (NP) Non-Profile

Material
(1) Methyl Methacrylate (MMA)
(2) Thermoplastic

Category
Method (B)
Sprayed

Applications
(S) Surface (P) Profile, 120 Mils w/ ½” bumps
(G) Grooved (NP) Non-Profile

Material
(1) Methyl Methacrylate (MMA)
(2) Thermoplastic

Category
Method (C)
Tape

Applications
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
Method (D)
Wet Weather

Applications
(S) Surface (P) Profile, 120 Mils w/ ½” bumps
(G) Grooved (NP) Non-Profile

Material
(1) Methyl Methacrylate (MMA)
(2) Thermoplastic

Pavement Markings (2 of 2)

Longitudinal High Performance Pavement Markings 00866.00

<u>Category</u>	<u>Applications</u>	<u>Material</u>
Method 1 - Extruded	(S) Surface (G) Grooved	
Method 2 – Spray	<u>Applications</u> (S) Surface (G) Grooved	<u>Material</u> Plural Component Hi-Build Paint Plural Component Wet Weather Hi-Build Paint Wet Weather

Transverse Durable Pavement Markings 00867.00

<u>Category</u>	<u>Applications & Material</u>
Type A	Liquid Hot Poured Thermoplastic with intermixed and top-dressed beads, 120 Mils
Type B	Prefomed Fused Thermoplastic with intermixed beads, 125 Mils
Type B-HS	Prefomed 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 2020 (AMENDED FOR 2021 SPECIFICATIONS)**

<u>STANDARD SPEC #</u>	<u>CATEGORY</u>	<u>PRODUCT NAME</u>	<u>LOCAL REPRESENTATIVE AND/OR MANUFACTURER</u>	<u>EFFECTIVE DATE</u>	<u>PRODUCT NUMBER</u>	<u>LIST</u>	<u>REMARKS</u>
00221.13	FENCING, WORKZONE DELINEATION	KC BARRICADE FENCE	KC WHOLESALE CONSTRUCTION PROD 206/850-8672	03/10/11	1486	A	ORANGE SAFETY / SNOW FENCE.
00221.13	FENCING, WORKZONE DELINEATION	PERIMETER PLUS X05650-001	CONWED PLASTICS 612/623-1700 GEOTEK 888/708-8835	03/10/11	3147	A	
00221.13	FENCING, WORKZONE DELINEATION	PERIMETER PLUS X05650-002	CONWED PLASTICS 612/623-1700 GEOTEK 888/708-8835	03/10/11	3306	A	
00221.13	FENCING, WORKZONE DELINEATION	PROTEX FENCE - SF2048L-12P	NORPLEX 253/735-3431 ACF WEST 800/878-5115	03/10/11	4324	A	
00221.13	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.
00221.13	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
00221.13	FENCING, WORKZONE DELINEATION	WARNING BARRIER FENCE # 14993	MUTUAL INDUSTRIES 800/523-0888 215/927-6000	07/12/07	3441	A	
00222.10B	TEMPORARY SIGNS TYPE	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	FLUORESCENT ORANGE
00222.10B	TEMPORARY SIGNS TYPE	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	FLUORESCENT ORANGE

*LIST 'A' = APPROVED. MAY BE USED WITHOUT SAMPLES, TESTING, OR QUALITY COMPLIANCE CERTIFICATIONS. MAY NEED A FIELD INSPECTION REPORT.

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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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APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2020 (AMENDED FOR 2021 SPECIFICATIONS)**

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00222.10B	TEMPORARY SIGNS TYPE	AVERY DENNISON W-7514 ASTM D4956 TYPE VIII	AVERY DENNISON 800/327-5917	02/10/05	2855	A	FLUORESCENT ORANGE
00222.10B	TEMPORARY SIGNS TYPE	OMNICUBE T-11500 SERIES ASTM TYPE XI	AVERY DENNISON 240/925-6891	07/27/12	4502	A	WHITE, FLUO YELLOW FLUO YELLOW GREEN FOR USE IF ALLOWED. FLUO ORANGE IS ODOT STANDARD
00222.10B	TEMPORARY SIGNS TYPE	OMNICUBE W-11514 FLUO ORANGE ASTM TYPE XI	AVERY DENNISON 240/925-6891	07/27/12	4501	A	FLUORSECENT ORANGE
00222.10B	TEMPORARY SIGNS TYPE	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
00222.10D	ROLL-UP SIGNS	3-M DIAMOND GRADE FLEXIBLE ROLL-UP SERIES RS641 FLUORESCENT	3-M COMPANY TSSD 800/553-1380	04/13/16	4949	A	FLUORESCENT ORANGE
00222.10D	ROLL-UP SIGNS	3-M RS24 ROLLUP SHEETING	3-M COMPANY TSSD 800/553-1380	11/16/00	1705	A	FLUORESCENT ORANGE
00222.10D	ROLL-UP SIGNS	3-M RS33 ROLLUP SHEETING	3-M COMPANY TSSD 800/553-1380	11/10/05	2950	A	ODOT INCIDENTANCE MANANGEMENT ONLY. FLUORESCENT PINK
00222.10D	ROLL-UP SIGNS	AVERY DENNISON OMNIBRITE WU-7000 SERIES	AVERY DENNISON REFLECTIVE SOLUTIONS 847/627-3111 LARRY NATHAN 440/463-3318	06/28/19	5202	A	FLUORESCENT ORANGE WHITE
00222.10D	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

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00222.10D	ROLL-UP SIGNS	ORALITE HIGH PERFORMANCE ROLL-UP SIGN UTILIZING MARATHON FLUORESCENCE	ORAFOL 860/676-7100 BROOK JERZYK 860/676-7100	11/16/00	1821	A	FLUORESCENT ORANGE WAS NAMED REFLEXITE MARATHON
00222.11B	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
00222.11B	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
00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	DF3000P	DICKE SAFETY PACIFIC SAFETY SUPPLY DBA DICKE SAFETY 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
00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	DL1003W	DICKE SAFETY PACIFIC SAFETY SUPPLY DBA DICKE SAFETY 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
00222.11B	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
00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	LITTLE BUSTER	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	12/13/01	2251	A	TESTED AT 12" ABOVE PAVEMENT MET NCHRP 350 CAT 2
00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	PLASTICADE SS300	PLASTICADE 800/772-0355	05/13/20	5237	A	
00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	PLASTICADE SS300A	PLASTICADE 800/772-0355	05/13/20	5238	A	

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00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	PLASTICADE SS310	PLASTICADE 800/772-0355	05/13/20	5239	A	
00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	PLASTICADE SS310A	PLASTICADE 800/772-0355	05/13/20	5240	A	
00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	PLASTICADE SS340A	PLASTICADE 800/772-0355	05/13/20	5241	A	
00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	PLASTICADE SS410A	PLASTICADE 800/772-0355	05/13/20	5242	A	
00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	PLASTICADE SS420A	PLASTICADE 800/772-0355	05/13/20	5243	A	
00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	PLASTICADE SS520A	PLASTICADE 800/772-0355	05/13/20	5244	A	
00222.11B	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
00222.11B	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.
00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	TRAFFIX DEVICES SINGLE SPRING MODEL #22000 SPUH	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	03/14/02	2528	A	CRASH TESTED, AND MET OUR OTHER SPECS. TESTED AT 18" ABOVE THE GROUND

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00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	TRAFFIX STAND	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	12/12/01	2311	A	TESTED AT 12" ABOVE THE PAVEMENT SURFACE. MET NCHRP 350 CAT 2
00222.11B	SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS	UF2000	DICKE SAFETY PACIFIC SAFETY SUPPLY DBA DICKE SAFETY 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
00222.11B	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	
00222.11B	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	
00222.11E	WORK ZONE TRAFFIC CONTROL	SQUARE TUBE SIGN SUPPORTS TEMPORARY		07/30/12		A	SEE SECTION 00930.00
00222.12	SIGN COVERS	RSC-59825-BNR1	MDI WORLDWIDE 800/521-6776	12/06/17	5095	A	COVERS SIGN COMPLETELY NOT APPROVED FOR PERMANENT APPLICATIONS. MATTE SIDE TO FACE TRAFFIC
00222.12	SIGN COVERS	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. POLYPROPYLENE
00222.15A	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C"	ARROWMASTER PROLINE 25 LIGHT	HILL & SMITH 740/816-8077 TRAFFIC SAFETY SUPPLY CO. 503/830-2048	09/12/12	4522	A	2012 DEMO
00222.15A	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.

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00222.15A	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.
00222.15A	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C".	VER-MAC ST4825	VER-MAC 888/488-7446	08/11/05	3000	A	PASSED DEMO 2011
00222.15A	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.
00222.15A	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C".	WECO SOLAR ARROW BOARD	WANCO, INC. 800/972-0755	09/12/12	4521	A	2012 DEMO
00222.15A	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).
00222.15A	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
00222.15A	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.
00222.15A	SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE "C". LED, SOLAR POWERED	ARROWMASTER IV MODEL# WAAW 25SB	HILL & SMITH 740/816-8077 TRAFFIC SAFETY SUPPLY CO. 503/830-2048	06/11/98	1571	A	LED - SOLAR POWER. 25 LIGHT VERSION. PRODUCTION CEASED: PRIOR TO 3/30/11
00222.15A	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.

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00222.15A	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.
00222.15A	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.
00222.15B	PCMS / PVMS - TRAILER	SOLAR MESSAGE CENTER SMC 1000ST	HILL & SMITH 740/816-8077 TRAFFIC SAFETY SUPPLY CO. 503/830-2048	09/12/12	4517	A	2012 DEMO
00222.15B	PCMS / PVMS - TRAILER 3 LINE 8 CHARACTERS LED	CMS T-331	AMERICAN SIGNAL 770/448-6650	09/12/12	4515	A	2012 DEMO
00222.15B	PCMS / PVMS - TRAILER 3 LINE DISPLAY	WTLMB (A)	WANCO, INC. 800/972-0755	09/12/12	4519	A	2012 DEMO
00222.15B	PCMS / PVMS - TRAILER FULL MATRIX LED	CMS T-333	AMERICAN SIGNAL 770/448-6650	09/12/12	4516	A	2012 DEMO
00222.15B	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.
00222.15B	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.
00222.15B	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.

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00222.15B	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.
00222.15B	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	CMS T-331-1B W/AIMSTAR	AMERICAN SIGNAL 770/448-6650	10/10/02	2665	A	PASSED 9/24/02 DEMO.
00222.15B	PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL	CMS T-333-1C W/AIMSTAR	AMERICAN SIGNAL 770/448-6650	10/10/02	2666	A	PASSED 9/24/02 DEMO.
00222.15B	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.
00222.15B	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.
00222.15B	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.
00222.15B	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!
00222.15B	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.
00222.15B	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.

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00222.15B	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.
00222.15B	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.
00222.15B	PCMS / PVMS - TRAILER SOLAR-4 LED'S PER PIXEL	VER-MAC PCMS 1210 PRO SERIES G3	VER-MAC 888/488-7446 HIGHWAY SPECIALTIES 503/390-1113	04/30/20	5256	A	PASSED DEMO ON 4/16/20 ON PROJECT SITE
00222.15B	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.
00222.15B	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.
00222.15B	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.
00222.15B	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.
00222.15B	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.
00222.15B	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.

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00222.15B	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.
00222.15B	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.
00222.15B	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.
00222.15B	PCMS TYPE B MINI TRAILER SOLAR-4 LED'S PER PIXEL	VER-MAC PCMS 3812 PRO SERIES	VER-MAC 888/488-7446 HIGHWAY SPECIALTIES 503/390-1113	05/14/20	5213	A	PASSED DEMO ON 5/14/20
00222.15B	PCMS TYPE B MINI TRAILER SOLAR-4 LED'S PER PIXEL	WANCO MINI MATRIX MESSAGE BOARD	WANCO, INC. 800/972-0755 HIGHWAY SPECIALTIES 503/390-1113	05/28/20	5247	A	PASSED DEMO ON 5/28/20
00222.15B	PCMS/PVMS - TRAILER TYPE B, MINI PCMS SOLAR - 4 LED'S PER PIXEL	SMC 4000	HILL & SMITH INC. 740/816-8077 TRAFFIC SAFETY SUPPLY CO. 503/830-2048	06/18/19	5154	A	DEMO 6/18/19
00222.15C	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
00222.15C	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
00223.21	FLAGGER EQUIPMENT STOP/SLOW PADDLE	BLINKER PADDLE	TAPCO 800/236-0112 TRAFFIC SAFETY 800/547-8518	08/14/05	3008	A	HAS LIGHTS AROUND THE PERIMETER ON BOTH SIDES.

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00223.21	STOP/SLOW PADDLE STOP/SLOW PADDLE	TRAFF-ALERT 18 (TA18AX6SP)	SAFECO 480/290-5220	04/08/10	4099	A	POLE MOUNTED.
00223.21	STOP/SLOW PADDLE STOP/SLOW PADDLE	TRAFF-ALERT 18 (TA18AXTP)	SAFECO 480/290-5220	04/08/10	4097	A	HAND HELD UNIT.
00223.21	STOP/SLOW PADDLE STOP/SLOW PADDLE 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.
00223.21	STOP/SLOW PADDLE STOP/SLOW PADDLE 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.
00223.22	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
00223.22	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
00223.22	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.
00223.22	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.
00223.22	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

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00223.22	FLAGGER STATION LIGHTING TEMPORARY	MOONGLO LIGHT TOWER	MOON-GLO WORK LIGHT TOM SCHUH 503/931-3650	06/14/18	5126	A	TRAILERS MOUNTED TWO 31200 LUMEN 5700K LED LAMPS. ONE 115000 LUMEN 3700K METAL HALIDE LAMP LAMP HEIGHT NOT TO EXCEED 16 FEET
00223.22	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.
00223.22	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.
00223.22	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.
00223.22	FLAGGER STATION LIGHTING TEMPORARY MASH (2009) TL-3	AIRSTAR SPACE GLOBE LIGHTING STAND FLAT-FOOTED TRIPOD MOUNTING SYSTEM	AIRSTAR 407/851-7830 TSS 503/235-8531 HS LLC 503/390-1113	10/22/16	4916	A	TRIPOD MOUNTED. (HEAVY 34# FLAT-FOOTED) BOTTOM OF LIGHT MIN 15' ABOVE GROUND
00223.23	AFAD - RED & YELLOW LENS	AUTOFLAGGER AF-54	SAFETY TECHNOLOGIES, INC 651/388-5030	04/02/18	5038	A	REMOTE CONTROL FLAGGER DEVICE. HAS ARM THAT COMES DOWN. 2 LITE SIGNAL HEAD. RED/YELLOW TRAILER MOUNTED/2 Trailer Tow
00223.23	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
00223.23	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
00223.23	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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00223.23	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
00223.23	AFAD - RED & YELLOW LENS VIDEO CAMERAS	GUARDIAN SMARTFLAGGER	SITE 2020 902/209-0566	06/18/19	5187	A	REMOTE CONTROL FLAGGER. HAS AN ARM THAT COMES DOWN SIGN (STOP HERE ON RED R10-6 OR R10-6A) (AREA UNDER VIDEO SURVILLANCE) BK/YEL
00224.10	MARKERS, TUBULAR BLUE TEMPORARY	TD5000-504315B 12 POUND BASE	THREE D TRAFFIC WORKS 877/843-9757	01/11/07	3207	A	BLUE
00224.10	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.
00224.10	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.
00224.10	MARKERS, TUBULAR TEMPORARY	BENT TUBULAR MARKER MODEL# D6-5	BENT MANUFACTURING 714/842-0600 OR 888/842-0600	05/01/88	1899	A	
00224.10	MARKERS, TUBULAR TEMPORARY	DELINEATOR TUBE DIAMOND TOP	JBC SAFETY 626/271-1980	01/28/15	4803	A	28" & 48" TALL USE 12# BASE
00224.10	MARKERS, TUBULAR TEMPORARY	DELINEATOR TUBE N-TOP II	JBC SAFETY 626/271-1980	01/28/15	4802	A	28" & 48" TALL USE 12# BASE
00224.10	MARKERS, TUBULAR TEMPORARY	ECOFLEX RB	HIGHWAY SAFETY PRODUCTS 800/228-1701	01/21/14	4687	A	28", 36" TALL HI SHEETING

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00224.10	MARKERS, TUBULAR TEMPORARY	FLEXI-GUIDE 300 EFX MODEL: 8FG336FLOEFXODOT#1	PEXCO LLC - DAVIDSON TRAFFIC 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 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.
00224.10	MARKERS, TUBULAR TEMPORARY	GRABBER TUBE 28"	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	11/14/96	1505	A	4" DIA. NON STACKABLE. TUBULAR.
00224.10	MARKERS, TUBULAR TEMPORARY	KNOB TOP DELINEATOR POST	HIGHWAY SAFETY PRODUCTS 800/228-1701	01/21/14	4689	A	39", 42" TALL HI SHEETING
00224.10	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.
00224.10	MARKERS, TUBULAR TEMPORARY	OPEN TOP DELINEATOR POST	HIGHWAY SAFETY PRODUCTS 800/228-1701	01/21/14	4688	A	39", 42" TALL HI SHEETING
00224.10	MARKERS, TUBULAR TEMPORARY	PLASTICADE OPEN TOP DELINEATOR	PLASTICADE 800/772-0355	06/11/13	4660	A	HI SHEETING
00224.10	MARKERS, TUBULAR TEMPORARY	PLASTICADE THE CLAW DELINEATOR	PLASTICADE 800/772-0355	07/10/14	4799	A	
00224.10	MARKERS, TUBULAR TEMPORARY	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.
00224.10	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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00224.10	MARKERS, TUBULAR TEMPORARY	TD5100 RING TOP DELIN. 507436	THREE D TRAFFIC WORKS 877/843-9757	12/14/06	2691	A	
00224.10	MARKERS, TUBULAR TEMPORARY	TD5200-526859 (BOOMERANG)	THREE D TRAFFIC WORKS 877/843-9757	01/11/07	3011	A	
00224.10	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.
00224.10	MARKERS, TUBULAR TEMPORARY	WATCHTOWER DELINEATOR 28" & 48"	PLASTICADE 800/772-0355	06/30/15	4914	A	TYPE III OR HIGHER SHEETING
00224.10	MARKERS, TUBULAR TEMPORARY 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.
00224.10	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
00224.10	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
00224.10	REFLECTIVE SHEETING-TUBES FOR TUBULAR MARKERS PRISMATIC	ORALITE SUPER BRIGHT 5934	ORAFOL 860/676-7100	06/28/19	5204	A	FOR TUBES AND DRUMS WHITE
00224.10	TRAFFIC SEPARATOR, CURB SURFACE MOUNTED TEMPORARY	FG336 PE TUBE 2 3X9 HI OR FG 300 CURB SYSTEM OR	PEXCO LLC - DAVIDSON TRAFFIC 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 TRAFFIC SAFETY 800/547-8518	08/01/11	4440	A	

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00224.10	TRAFFIC SEPARATOR, CURB SURFACE MOUNTED TEMPORARY	FG336 UR TUBE 2 3X9 HI ORO FG 300 CURB SYSTEM OR	PEXCO LLC - DAVIDSON TRAFFIC 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 TRAFFIC SAFETY 800/547-8518	08/01/11	4441	A	
00224.10	TRAFFIC SEPARATOR, CURB SURFACE MOUNTED TEMPORARY MASH TL-3	FG336 EFX TUBE 2 3X9 HI OR FG 300 CURB SYSTEM OR	PEXCO LLC - DAVIDSON TRAFFIC 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 TRAFFIC SAFETY 800/547-8518	08/01/11	4439	A	
00224.11	MARKERS, CONICAL TEMPORARY	C-42 6-4 HI WH 1ST-2ND / CB16	SMITH & HILL 740/816-8077 TRAFIC SAFETY SUPPLY COMPANY 800/547-8518	06/10/10	4131	A	42" TALL. 16 POUND BASE.
00224.11	MARKERS, CONICAL TEMPORARY	C-42 6-4 HI WH 1ST-2ND / CB30	SMITH & HILL 740/816-8077 TRAFIC SAFETY SUPPLY COMPANY 800/547-8518	06/10/10	4132	A	42" TALL. 30 POUND BASE.
00224.11	MARKERS, CONICAL TEMPORARY	GRABBER	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	06/08/95	1210	A	43" TALL, USE 16# BASE. STACKABLE. HANDLE ON TOP
00224.11	MARKERS, CONICAL TEMPORARY	GRABBER CONE 28"	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	11/14/96	1507	A	4" DIA. STACKABLE. THIS IS AN APPROVED CONICAL SHAPE. THE HEAVY 16# BASE IS REQ. 28" TALL.
00224.11	MARKERS, CONICAL TEMPORARY	NAVICADE TRAFFIC CHANNELIZING CONE	PLASTICADE 800/772-0355	07/27/12	4499	A	USE 16# BASE NO LIGHT ATTACHMENT
00224.11	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.
00224.11	MARKERS, CONICAL TEMPORARY	TD7200 MODEL 742585 RINGTOP CN	THREE D TRAFFIC WORKS 877/843-9757	04/14/05	2695	A	BASE: TD8000 (22LB)

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00224.11	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
00224.11	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
00224.11	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.
00224.11	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	A	15 POUND BASE. 42" TALL
00224.11	MARKERS, CONICAL TEMPORARY	WATCHTOWER STACKER CONE	PLASTICADE 800/772-0355	07/10/14	4800	A	
00224.12		SURFACE MOUNTED TUBULAR MARKERS		10/15/20		A	SEE SECTION 00856 SURFACE MOUNTED TUBULAR MARKERS
00224.13	PLASTIC DRUMS TEMPORARY	B400A/LD4-4HI-TB	HILL & SMITH 740/816-8077 TRAFFIC SAFETY SUPPLY CO. 503/830-2048	02/12/09	3548	A	MUST USE TIRE RING BASE, THE RUBBER INSERTS ARE NOT OK. CATALOG# 2858 B400A 4-4HI TB
00224.13	PLASTIC DRUMS TEMPORARY	B500LC 4-6 HI/TB "LANE CHANGER"	HILL & SMITH 740/816-8077 TRAFFIC SAFETY SUPPLY CO. 503/830-2048	01/13/11	4277	A	MUST USE TIRE RING BASE, THE RUBBER INSERTS ARE NOT OK.
00224.13	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

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00224.13	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.
00224.13	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
00224.13	PLASTIC DRUMS TEMPORARY	PLASTICADE COMMANDER TRAFFIC DRUM	PLASTICADE 800/772-0355	06/28/18	5143	A	SERIES 456 22.5# BASE
00224.13	PLASTIC DRUMS TEMPORARY	PLASTICADE ECONOCADE II TRAFFIC DRUM	PLASTICADE 800/772-0355	06/10/13	4661	A	LOW DENSITY MODEL WITH HI SHEETING
00224.13	PLASTIC DRUMS TEMPORARY	RHINO CHANNELIZER DRUM MODEL 454-LD-44-HI	PLASTICADE 800/772-0355	10/09/08	3426	A	TIRE RING BASE(S) ONLY.
00224.13	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.
00224.13	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).
00224.13	PLASTIC DRUMS TEMPORARY	TRAFFIC LOGIX CHANNELIZER DRUM 53242, 53241, 53262, 53261	TRAFFIC LOGIX 866/915-6449	01/11/07	2992	A	LDPE VERSION ONLY.
00224.13	PLASTIC DRUMS TEMPORARY	TRAFFIX CHANNELIZR 18044-LD-HI MODEL# 18044-LD-HI	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	10/04/90	568	A	USE LOW DENSITY TYPE, BUT HIGH DENSITY VERSION LOOKS SIMILAR. SAN-FIL OR TIRE BASE. DENSITY ON BARREL. HI SHEETING REQD.

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00224.13	PLASTIC DRUMS TEMPORARY	TRAILBOSS CHANNELIZER DRUM LDPE	CORTINA SAFETY PRODUCTS 847/4552800	11/14/17	5045	A	DRUM 03-782-6HI BASE 22.5# TIRE RING 03-750-TRG
00224.13	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
00224.13	REFLECTIVE SHEETING-DRUMS ASTM D4956 TYPE IV PRISMATIC	ORALITE SUPER BRIGHT 5934	ORAFOL 860/676-7100	06/28/19	5204	A	FOR TUBES AND DRUMS WHITE
00224.13	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	
00224.13	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.
00224.13	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
00224.15	BARRICADE, TEMP - TYPE 1	A-CADE MODEL # 100	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	05/11/00	2270	A	TYPE I BARRICADE. FHWA OK. REQUIRES 6# SAND BALLAST.
00224.15	BARRICADE, TEMP - TYPE 1	COMBOCADE TYPE I BARRICADE	PLASTICADE 800/772-0355	07/27/12	4496	A	
00224.15	BARRICADE, TEMP - TYPE 1	ECON PLASTIC FOLDING BARRICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	02/04/02	1506	A	MFG TESTED TO NCHRP 350.

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00224.15	BARRICADE, TEMP - TYPE 1	ECONOCADE TYPE I BARRICADE	PLASTICADE 800/772-0355	07/27/12	4497	A	
00224.15	BARRICADE, TEMP - TYPE 1	HI IMPACT PLASTIC FOLDING BARR	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	09/11/03	2308	A	SAND FILLED BASE.
00224.15	BARRICADE, TEMP - TYPE 1	METAL LEG FOLDING BARRICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	09/11/03	2309	A	
00224.15	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.
00224.15	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.
00224.15	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.
00224.15	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	
00224.15	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.
00224.15	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

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00224.15	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.
00224.15	BARRICADE, TEMP - TYPE 2	COMBOCADE TYPE II BARRICADE	PLASTICADE 800/772-0355	07/27/12	4496	A	
00224.15	BARRICADE, TEMP - TYPE 2	ECON PLASTIC FOLDING BARRICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	02/04/02	1506	A	MFG TESTED TO NCHRP 350.
00224.15	BARRICADE, TEMP - TYPE 2	ECONOCADE TYPE II BARRICADE	PLASTICADE 800/772-0355	07/27/12	4497	A	
00224.15	BARRICADE, TEMP - TYPE 2	HI IMPACT PLASTIC FOLDING BARR	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	09/11/03	2308	A	SAND FILLED BASE.
00224.15	BARRICADE, TEMP - TYPE 2	METAL LEG FOLDING BARRICADE	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	09/11/03	2309	A	
00224.15	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)
00224.15	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.
00224.15	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.

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00224.15	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	
00224.15	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.
00224.15	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.
00224.15	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.
00224.15	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.
00224.15	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.
00224.15	BARRICADE, TEMP - TYPE 3	PLASTICADE POWER POST	PLASTICADE 800/772-0355	07/10/14	4801	A	NO SIGNS OR LIGHTS
00224.15	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
00224.15	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.

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00224.15	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.
00224.15	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.
00224.15	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.
00224.15	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.
00224.15	BARRICADE, TEMP - TYPE 3 MASH 2009 TL3	LANEGARD 3	PSS 800/622-6338	11/19/17	5079	A	FOLDING BASE AASHTO TYPE III SHEETING.
00224.15	BARRICADE, TEMP - TYPE 3 MASH 2016	DAVIDSON T3B BARRICADE	PEXCO LLC - DAVIDSON TRAFFIC 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 TRAFFIC SAFETY 800/547-8518	07/13/00	2303	A	PLASTIC PANELS, PSST UPRIGHTS AND FEET. POLY X-TUBE UPRIGHTS AND POWDER COATED ANGLE -IRON FEET.
00224.15	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
00224.15	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.
00224.15	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

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00225.00	PAVEMENT MARKER ADHESIVE TEMPORARY	PAVEMENT MARKER, TEMP, ADH		03/01/10		A	SEE SECTION 00855, PERMANENT PAVEMENT MARKER ADHESIVE.
00225.10A	PAVEMENT MARKER, TEMPORARY	PAVEMENT MARKER, TEMPORARY		12/04/08		A	SEE SECTION 00855, PERMANENT PAVEMENT MARKERS.
00225.10B	PAVEMENT MARKER, FLEXIBLE TEMPORARY CHIPSEAL / OVERLAY MARKER	TRPM-HIGH HEAT FLEXIBLE MARKER (TRPM OR TOM)	PEXCO LLC - DAVIDSON TRAFFIC 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 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.
00225.10C	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.
00225.10C	PAVEMENT MARKER, FLEXIBLE TEMPORARY CHIPSEAL / OVERLAY MARKER	TRPM DAVIDSON FLEXIBLE MARKER (TRPM OR TOM)	PEXCO LLC - DAVIDSON TRAFFIC 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 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.
00225.11	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.
00225.11	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	
00225.11	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.
00225.11	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.

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00225.11	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!
00225.11	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
00225.11	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.
00225.11	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.
00225.11	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	
00225.11	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.
00225.11	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	
00225.12A	PAINT, TEMPORARY FOR ASPHALT OR CONCRETE	PAINT		12/04/08		A	SEE SECTION 00860, TRAFFIC PAINT, STANDARD.
00225.12B	BEADS, TEMPORARY FOR TEMPORARY PAINT	BEADS		12/04/08		A	SEE SECTION 00850.00 TRAFFIC PAINT, BEADS.

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00225.14	TRANSVERSE RUMBLE STRIPS TEMPORARY	ROADQUAKE 2 TEMPORARY PORTABLE RUMBLE STRIP	PSS (PLASTIC SAFETY SYSTEMS) 800/662-6338 Ben Gascoigne	07/27/12	4489	A	SPEEDS OF 65MPH OR LESS
00225.14	TRANSVERSE RUMBLE STRIPS TEMPORARY	ROADQUAKE 2F FOLDING PORTABLE RUMBLE STRIP	PSS (PLASTIC SAFETY SYSTEMS) 800/662-6338 Ben Gascoigne	03/18/14	4749	A	SPEEDS OF 75MPH OR LESS
00225.14	TRANSVERSE RUMBLE STRIPS TEMPORARY	TRAFFIX ALERT RUMBLE STRIP RUMBLE STRIP	TRAFFIX DEVICES 801/979-7099	09/17/19	5216	A	SPEEDS OF 65MPH OR LESS ALL BLACK FOR RUMBLE STRIP APPLICATION, ALL WHITE FOR STOP BAR, OR CROSSWALK MARKING
00226.00	MOBILE BARRIER	MOBILE BARRIERS MBT-1	MOBILE BARRIERS LLC 303/526-5995 BARRIERS INTERNATIONAL 509/901-4131	05/09/19	5190	A	
00226.10	GUARDRAIL MTD REFLECTOR	GUARDRAIL MOUNTED REFLECTORS, TEMPORARY		04/19/00		A	SEE SECTION 00840.00, DELINEATORS, FLEXIBLE TYPE 4A, GUARDRAIL VERSION.
00226.11A	BARRIER, TEMPORARY STANDARD DEFLECTION	BARRIERGUARD 800	LAURA METAAL ROAD SAFETY INC 480/254-6342 PACIFIC BARRIER 503/780-3671	06/16/20	3159	A	USE T-TOP AND ANCHOR EACH END AND EVERY 19.7 FEET
00226.11A	BARRIER, TEMPORARY STANDARD DEFLECTION	DEFENDER BARRIER 100 LDS	SAFE BARRIERS NORTH AMERICA 888/215-4535 EXT 1 SAFE BARRIERS NORTH AMERICA LLC 888/215-4535 EXT 1	06/16/20	5217	A	ANCHORS EVERY 30 FEET
00226.11A	BARRIER, TEMPORARY STANDARD DEFLECTION	ZONEGUARD	HILL & SMITH 707/366-8759 TRAFFIC SAFETY SUPPLY CO. 503/235-8531	06/08/20	3816	A	ANCHORS AT EACH END AND EVERY 33.3 FEET
00226.11B	BARRIER MARKER TEMPORARY	BARRIER MARKER, TEMPORARY		04/19/00		A	SEE SECTION 00820.11 BARRIER MARKERS.

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00226.11B	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.
00226.11C	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	
00226.11C	GLARE SCREENS, TEMPORARY	GLARE SHIELDS, TEMPORARY		04/19/00		A	SEE SECTION 00822.00, GLARE SHIELDS.
00226.12	IMPACT ATTENUATOR TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	UNIVERSAL TAU-II-R TL-2	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	06/11/14	4771	Q	
00226.12	IMPACT ATTENUATOR TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	UNIVERSAL TAU-II-R TL-3	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	06/11/14	4771	Q	
00226.12	IMPACT ATTENUATOR, HS TEMPORARY NCHRP 350 HS RE-DIRECTIVE, NON-GATING.	UNIVERSAL TAU-II (HS)	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	03/12/09	2961	A	FHWA APPROVED
00226.12	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.
00226.12	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.
00226.12	IMPACT ATTENUATOR, J TEMPORARY MASH TL-3 RE-DIRECTIVE, NON GATING	QUADGUARD ELITE M10 (8 BAY)	TRINITY HIGHWAY PRODUCTS, LLC 916/644-9102 CORAL SALES COMPANY 503/655-6351	08/18/16	4981	A	LENGTH 27' 2" WIDTH 24"

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00226.12	IMPACT ATTENUATOR, J TEMPORARY MASH TL-3 RE-DIRECTIVE, 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 WIDTHS 24" 22' LENGTH
00226.12	IMPACT ATTENUATOR, J TEMPORARY MASH 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 APPLICATIONS.
00226.12	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.
00226.12	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.
00226.12	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.
00226.12	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.
00226.12	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.
00226.12	IMPACT ATTENUATOR, TL2 TEMPORARY NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING	UNIVERSAL TAU-II (TL-2)	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	02/10/05	2961	A	FHWA APPROVED - 4 BAY SYSTEM.
00226.12	IMPACT ATTENUATOR, TL2 TEMPORARY, NARROW APPS. NCHRP 350 TL-2, GATING NON RE-DIRECTING	ABSORB 350 TL-2 WATER FILLED	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	08/08/02	2336	A	DON'T USE WITHIN 100' OF WATER BODY USE CALCIUM MAGNESIUM ACETATE 25% OR LIQUID POTASSIUM ACETATE 60% SOLUTION BY VOLUME

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00226.12	IMPACT ATTENUATOR, TL2 TEMPORARY, NARROW APPS. NCHRP 350 TL-2, GATING NON RE-DIRECTING	ACZ-350 WATER FILLED	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	DON'T USE WITHIN 100' OF WATER BODY USE CALCIUM MAGNESIUM ACETATE 25% OR LIQUID POTASSIUM ACETATE 60% SOLUTION BY VOLUME
00226.12	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.
00226.12	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.
00226.12	IMPACT ATTENUATOR, TL-2 TEMPORARY, NARROW APPS. MASH TL-2, GATING NON RE-DIRECTING	ABSORB-M WATER FILLED	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	11/06/19	5223	A	DON'T USE WITHIN 100' OF WATER BODY USE CALCIUM MAGNESIUM ACETATE 25% OR LIQUID POTASSIUM ACETATE 60% SOLUTION BY VOLUME
00226.12	IMPACT ATTENUATOR, TL-2 TEMPORARY, NARROW APPS. NCHRP 350 TL-2, GATING NON RE-DIRECTING	ABSORB 350 TL-2 WATER FILLED	LINDSAY MANUFACTURING 916/474-9644	11/06/19	2336	A	DON'T USE WITHIN 100' OF WATER BODY USE CALCIUM MAGNESIUM ACETATE 25% OR LIQUID POTASSIUM ACETATE 60% SOLUTION BY VOLUME
00226.12	IMPACT ATTENUATOR, TL-3 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.
00226.12	IMPACT ATTENUATOR, TL-3 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.
00226.12	IMPACT ATTENUATOR, TL-3 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.
00226.12	IMPACT ATTENUATOR, TL-3 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.

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00226.12	IMPACT ATTENUATOR, TL-3 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.
00226.12	IMPACT ATTENUATOR, TL-3 TEMPORARY NCHRP 350 TL-3 NON-REDIRECTIVE	TRAFFIX DEVICES BIG SANDY	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	12/12/02	1850	A	GET LAYOUT ARRAYS FROM THE MANUFACTURER. TEMP APPS ONLY. TESTED FOR SPEEDS TO 60 MPH.
00226.12	IMPACT ATTENUATOR, TL-3 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.
00226.12	IMPACT ATTENUATOR, TL-3 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.
00226.12	IMPACT ATTENUATOR, TL-3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING.	X-TENUATOR	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	05/12/11	4359	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH NARROW APPLICATIONS
00226.12	IMPACT ATTENUATOR, TL-3 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.
00226.12	IMPACT ATTENUATOR, TL-3 TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING	UNIVERSAL TAU-II (TL-3)	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	02/10/05	2961	A	FHWA APPROVED - 8 BAY SYSTEM.
00226.12	IMPACT ATTENUATOR, TL-3 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.
00226.12	IMPACT ATTENUATOR, TL-3 TEMPORARY, NARROW APPS. MASH 2009 TL-3, GATING NON RE-DIRECTING	TRAFFIX SLED END TREATMENT SYSTEM WATER FILLED	TRAFFIX DEVICES, INC 801/979-7099	02/22/18	4919	A	DON'T USE WITHIN 100' OF WATER BODY USE CALCIUM MAGNESIUM ACETATE 25% OR LIQUID POTASSIUM ACETATE 60% SOLUTION BY VOLUME

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00226.12	IMPACT ATTENUATOR, TL-3 TEMPORARY, NARROW APPS. MASH TL-3, GATING NON RE-DIRECTING	ABSORB-M WATER FILLED	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	11/06/19	5223	A	DON'T USE WITHIN 100' OF WATER BODY USE CALCIUM MAGNESIUM ACETATE 25% OR LIQUID POTASSIUM ACETATE 60% SOLUTION BY VOLUME
00226.12	IMPACT ATTENUATOR, TL-3 TEMPORARY, NARROW APPS. NCHRP 350 TL-3, GATING NON RE-DIRECTING	ABSORB 350 TL-3 WATER FILLED	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	10/09/08	2336	A	DON'T USE WITHIN 100' OF WATER BODY USE CALCIUM MAGNESIUM ACETATE 25% OR LIQUID POTASSIUM ACETATE 60% SOLUTION BY VOLUME
00226.12	IMPACT ATTENUATOR, TL-3 TEMPORARY, NARROW APPS. NCHRP 350 TL-3, GATING NON RE-DIRECTING	ACZ-350 WATER FILLED	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	DON'T USE WITHIN 100' OF WATER BODY USE CALCIUM MAGNESIUM ACETATE 25% OR LIQUID POTASSIUM ACETATE 60% SOLUTION BY VOLUME
00226.12	IMPACT ATTENUATOR, TL-3 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.
00226.12	IMPACT ATTENUATOR, TL-3 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
00226.23	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.
00226.23	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.
00226.23	IMPACT ATTENUATOR, TL-3 TRUCK MOUNTED MASH 2016 TL-3	BLADE TMA	BLADE B.V +31/765017990 VERDEGRO USA LLC 786/408-5709	11/16/17	5075	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH FOLLOW MANUFACTURER'S INSTRUC.
00226.23	IMPACT ATTENUATOR, TL-3 TRUCK MOUNTED MASH 2016 TL-3	SMT	TRINITY HIGHWAY PRODUCTS, LLC 916/644-9102 CORAL SALES 800/538-7245	04/28/20	5254	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH FOLLOW MANUFACTURER'S INSTRUC.

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00226.23	IMPACT ATTENUATOR, TL-3 TRUCK MOUNTED MASH 2016 TL-3	SS180 M	TRINITY HIGHWAY PRODUCTS, LLC 916/644-9102 CORAL SALES 800/538-7245	04/28/20	5255	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH FOLLOW MANUFACTURER'S INSTRUC.
00226.23	IMPACT ATTENUATOR, TL-3 TRUCK MOUNTED MASH 2016 TL-3	TTMA-200 TRAILER MOUNTED ATTENUATOR	GREGORY INDUSTRIES 330/477-4800 EXT 158 TRAFFIC SAFETY SUPPLY COMPANY 503/235-8531	05/27/20	5264	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH FOLLOW MANUFACTURER'S INSTRUC. USE 20K LBS GVW OR HIGHER SUPPORT TRUCK
00226.23	IMPACT ATTENUATOR, TL-3 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.
00226.23	IMPACT ATTENUATOR, TL-3 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.
00226.23	IMPACT ATTENUATOR, TL-3 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.
00226.23	IMPACT ATTENUATOR, TL-3 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.
00226.23	IMPACT ATTENUATOR, TL-3 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.
00226.23	IMPACT ATTENUATOR, TL-3 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.
00226.23	IMPACT ATTENUATOR, TL-3 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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00226.23	IMPACT ATTENUATOR, TL-3 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.
00226.23	IMPACT ATTENUATOR, TL-3 TRUCK MOUNTED NCHRP 350 TL-3	SCORPION C-10,000	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	12/14/00	2313	A	USES A CRUSHABLE ALUMINUM STRUT WITH BACKUP STRUCTURE AND A CARTRIDGE ASSEMBLY. TOTAL LENGTH: 140".
00226.23	IMPACT ATTENUATOR, TL-3 TRUCK MOUNTED NCHRP 350 TL-3	SCORPION TRAILER ATTENUATOR MODEL# 10002-TL-3	TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTIES 503/390-1113 JEFF PETERSON	08/14/08	3541	A	TRAILER MOUNTED. MUST USE SUPPORT TRUCKS APPROX 20K LBS. GVW OR HIGHER.
00226.23	IMPACT ATTENUATOR, TL-3 TRUCK MOUNTED NCHRP 350 TL-3	SS90 HD	ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245	02/06/13	4562	A	TESTED FOR IMPACT SPEEDS UP TO 60 MPH
00226.23	IMPACT ATTENUATOR, TL-3 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.
00226.23	IMPACT ATTENUATOR, TL-3 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.
00227.13	TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT	ADDCO PTS-2000	JOHN THOMAS, INC. 888/447-7263 ANNE BROUSIL 815/288-2343 TRAFFIC SAFETY 800/547-8518	01/12/06	1586	Q	PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.
00227.13	TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT	HORIZON SQ-3TS	HORIZON SIGNAL 800/852-8796 HIGHWAY SPECIALTIES 503/390-1113	01/12/06	2646	Q	PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.
00227.13	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.

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00227.13	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.
00227.13	TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT	STS PST-1000	SUPERIOR TRAFFIC SERVICES, LLC JEFF HOLLENBECK 406/531-9914 MIKE DAVIS 509/220-0339	02/21/18	5013	Q	PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.
00228.10	PEDESTRIAN CHANNELIZING DEVICE (PCD)	SAFETY WALL SW-3674	PLASTIC SAFETY SYSTEMS INC 216/231/8590	06/13/11	4402	A	384 SQ IN OF SHEETING PER SIDE SHEETING WILL MATCH THE COLOR OF THE BODY. WHITE TYPE III OR IV ORANGE TYPE VIII OR IX
00228.10	PEDESTRIAN CHANNELIZING DEVICE (PCD)	STRONGWALL ADA PEDESTRIAN BARRICADE	PLASTICADE 800/772-0355	06/23/14	4748	A	384 SQ IN OF SHEETING PER SIDE SHEETING WILL MATCH THE COLOR OF THE BODY. WHITE TYPE III OR IV ORANGE TYPE VIII OR IX
00228.10	PEDESTRIAN CHANNELIZING DEVICE (PCD)	TPAR	PEXCO LLC- DAVIDSON TRAFFIC 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 TRAFFIC SAFETY 800/547-8518	06/10/13	4604	A	384 SQ IN OF SHEETING PER SIDE SHEETING WILL MATCH THE COLOR OF THE BODY. WHITE TYPE III OR IV ORANGE TYPE VIII OR IX
00228.10	PEDESTRIAN CHANNELIZING DEVICE (PCD)	TRAFFIX URBANITE WALL SHALL HAVE ADA COMPLIANT LEGS	TRAFFIX DEVICES INC. 801/9797099 TRAFFIX SAFETY SUPPLY COMPANY 503/235-8531	03/14/17	5031	A	384 SQ IN OF SHEETING PER SIDE SHEETING WILL MATCH THE COLOR OF THE BODY. WHITE TYPE III OR IV ORANGE TYPE VIII OR IX
00228.10	PEDESTRIAN CHANNELIZING DEVICE (PCD)	YODOCK 2001	YODOCK 888/496-3625 CORAL SALES 800/538-7245	01/26/12	4561	A	384 SQ IN OF SHEETING PER SIDE SHEETING WILL MATCH THE COLOR OF THE BODY. WHITE TYPE III OR IV ORANGE TYPE VIII OR IX
00228.10	PEDESTRIAN CHANNELIZING DEVICE (PCD)	YODOCK 2001M	YODOCK 888/496-3625 CORAL SALES 800/538-7245	06/11/13	2652	A	384 SQ IN OF SHEETING PER SIDE SHEETING WILL MATCH THE COLOR OF THE BODY. WHITE TYPE III OR IV ORANGE TYPE VIII OR IX
00228.12	BICYCLE CHANNELIZING DEVICE (BCD)	YODOCK 2001SL SLIMLINE CHANNELIZER	YODOCK 888/496-3625 CORAL SALES 800/538-7245	05/11/16	4659	A	72 SQ IN WHITE SHEETING PER SIDE TYPE III OR IV

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00228.13	TEMPORARY CURB RAMPS	BOARDWALK PLATFORM 2	PSS 800/662-6338	05/22/17	5046	A	RAMP AND PLATFORM
00228.13	TEMPORARY CURB RAMPS	BOARDWALK RAMP	PSS 800/662-6338	03/24/17	5043	A	RAMP
00229.10	SMART WORK ZONE SYSTEM VENDOR	ASTI	ASTI TRANSPORTATION SYSTEMS 302/328-3220	09/09/10	4071	A	ELEVATED, TRAILER-MOUNTED, MICROWAVE / BLUETOOTH SENSORS.
00229.10	SMART WORK ZONE SYSTEM VENDOR	ICONE	ICONE PRODUCTS 315/626-6800	05/12/11	3674	A	GROUND-MOUNTED, DOPPLER RADAR SENSORS WITHIN PORTABLE TRAFFIC DRUMS.
00229.10	SMART WORK ZONE SYSTEM VENDOR	JAMLOGIC PTS	VER-MAC 888/488-7446	08/11/11	4075	A	ELEVATED, TRAILER-MOUNTED, DOPPLER/ MICROWAVE/ BLUETOOTH SENSORS.
00229.10	SMART WORK ZONE SYSTEM VENDOR	SALANDER SOFTWARE SERVICES	SALANDER LLC 612/964-6004	03/06/17	4947	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.

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00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	DUSTFLOC	FIBER MARKETING 800/426-6002	04/09/09	3268	A	
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2	ENVIROPAM L	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	A	WAS NAMED HYDRAPAM
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	12/11/08	3545	A	PAPER/STRAW WITH TACKIFIER.
00280.14C	CHEMICAL DUST CONTROL-DRY TYPE 2 (TACKIFIER)	J-3000 GUAR	RANTEC CORPORATION 307/655-9565	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 800/536-2650	05/14/09	3673	A	POSSIBLE PROBLEMS IN S.C. PER APEL (4/06).
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)

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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	TOP SEAL	SOILS CONTROL INTERNATIONAL 254/526-5550	05/14/09	1650	A	
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	EARTHGUARD FIBER MATRIX	LSC ENVIRONMENTAL PRODUCTS 800/800-7671 HANES GEOCOMPONENTS 800/426-4976	01/08/09	2972	A	SPRAY W/ WOOD CELLULOSE FIBER GUAR TACKIFIER, PAM STABILIZER & STARCH BIO-DEGRADABLE
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	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 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 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 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	12/16/14	4845	A	

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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	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTEK 360/750-1955	02/08/07	3397	A	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM
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	FUSION	LSC ENVIRONMENTAL PRODUCTS 800/800-7671 HANES GEOCOMPONENTS 800/426-4976	06/19/19	5199	A	HYDRO. APPLIED, GAR, PAM STABILIZER SOIL BIO-AMENDMENTS
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. BIODEGRADABLE.
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	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.

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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	SOIL GUARD	MAT, INC. 888/477-3028 (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	EARTHGUARD FIBER MATRIX/VERTEX	LSC ENVIRONMENTAL PRODUCTS 800/800-7671 HANES GEOCOMPONENTS 800/426-4976	01/08/09	2972	A	SPRAY W/ WOOD CELLULOSE FIBER GUAR TACKIFIER, PAM STABILIZER & STARCH BIODEGRADABLE
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	BIODEGRADABLE
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	BIODEGRADABLE
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	BIODEGRADABLE

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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	BIODEGRADABLE
00280.14E	MATTING - TYPE B SLOPE	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTEK 360/750-1955	02/08/07	3397	A	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM BIODEGRADABLE
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 BIODEGRADABLE
00280.14E	MATTING - TYPE B SLOPE	FUSION	LSC ENVIRONMENTAL PRODUCTS 800/800-7671 HANES GEOCOMPONENTS 800/426-4976	06/19/19	5199	A	HYDRO. APPLIED, GAR, PAM STABILIZER SOIL BIO-AMENDMENTS BIODEGRADABLE
00280.14E	MATTING - TYPE B SLOPE	HYDRA CX2	NORTH AMERICAN GREEN 800/772-2040	05/14/09	3532	A	BIODEGRADABLE
00280.14E	MATTING - TYPE B SLOPE	SOIL GUARD	MAT, INC. 888/477-3028 (WAS WEYERHAEUSER UNTIL 12/99)	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED. BIODEGRADABLE
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 BIODEGRADABLE
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 BIODEGRADABLE

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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. BIODEGRADABLE
00280.14E	MATTING - TYPE C SLOPE	EARTHGUARD FIBER MATRIX	LSC ENVIRONMENTAL PRODUCTS 800/800-7671 HANES GEOCOMPONENTS 800/426-4976	08/13/09	2972	A	SPRAY W/ WOOD CELLULOSE FIBER GUAR TACKIFIER, PAM STABILIZER & STARCH BIO-DEGRADABLE
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	ENVIRO-SHIELD BONDED FIBER MTX	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3533	A	BIODEGRADABLE
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	BIODEGRADABLE
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	BIODEGRADABLE
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	BIODEGRADABLE
00280.14E	MATTING - TYPE C SLOPE	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTEK 360/750-1955	02/08/07	3397	A	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM BIODEGRADABLE

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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 BIODEGRADABLE
00280.14E	MATTING - TYPE C SLOPE	FUSION	LSC ENVIRONMENTAL PRODUCTS 800/800-7671 HANES GEOCOMPONENTS 800/426-4976	06/19/19	5199	A	HYDRO. APPLIED, GAR, PAM STABILIZER SOIL BIO-AMENDMENTS BIODEGRADABLE
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	HYDRA CM STEEP SLOPE MATRIX	NORTH AMERICAN GREEN 800/772-2040	11/11/10	4265	A	70% STRAW & 20% RECLAIMED COTTON FIBER. BIODEGRADABLE
00280.14E	MATTING - TYPE C SLOPE	HYDRA CX2	NORTH AMERICAN GREEN 800/772-2040	05/14/09	3532	A	BIODEGRADABLE
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 BIODEGRADABLE
00280.14E	MATTING - TYPE C SLOPE	HYDROSTRAW ALL IN 1 BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 RON EDWARDS	07/09/15	4899	A	BIODEGRADABLE
00280.14E	MATTING - TYPE C SLOPE	HYDROSTRAW BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 ED LEE	11/11/10	4164	A	BIODEGRADABLE
00280.14E	MATTING - TYPE C SLOPE	SOIL GUARD	MAT, INC. 888/477-3028 (WAS WEYERHAEUSER UNTIL 12/99)	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED. BIODEGRADABLE

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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 BIODEGRADABLE
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 BIODEGRADABLE
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 NET FREE	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	11/13/08	3712	A	BIODEGRADABLE
00280.14E	MATTING - TYPE D SLOPE	EARTHGUARD FIBER MATRIX/VERTEX	LSC ENVIRONMENTAL PRODUCTS 800/800-7671 HANES GEOCOMPONENTS 800/426-4976	08/13/09	2972	A	SPRAY W/ WOOD CELLULOSE FIBER GUAR TACKIFIER, PAM STABILIZER & STARCH BIODEGRADABLE
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	BIODEGRADABLE
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	BIODEGRADABLE
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	BIODEGRADABLE
00280.14E	MATTING - TYPE D SLOPE	EXCEL CS-3 ALL NATURAL	WESTERN EXCELSIOR 800/967-4009 GEOTEK 360/750-1955	02/08/07	3397	A	70% WHEAT STRAW & 30% COCONUT. WITH JUTE SCRIM BIODEGRADABLE

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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 BIODEGRADABLE
00280.14E	MATTING - TYPE D SLOPE	FUSION	LSC ENVIRONMENTAL PRODUCTS 800/800-7671 HANES GEOCOMPONENTS 800/426-4976	06/19/19	5199	A	HYDRO. APPLIED, GAR, PAM STABILIZER SOIL BIO-AMENDMENTS BIODEGRADABLE
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 BIODEGRADABLE
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 BIODEGRADABLE
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. BIODEGRADABLE
00280.14E	MATTING - TYPE D SLOPE	HYDRA CX2	NORTH AMERICAN GREEN 800/772-2040	05/14/09	3532	A	BIODEGRADABLE
00280.14E	MATTING - TYPE D SLOPE	SOIL GUARD	MAT, INC. 888/477-3028 (WAS WEYERHAEUSER UNTIL 12/99)	11/09/95	1403	A	MADE OF FIR AND HEMLOCK. BONDED FIBER MATRIX. HYDRAULICALLY APPLIED. BIODEGRADABLE
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 BIODEGRADABLE
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 BIODEGRADABLE

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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	BIODEGRADABLE
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 BIODEGRADABLE
00280.14E	MATTING - TYPE E FLEXIBLE CHANNEL LINER	KOIRMAT 700	NEDIA ENTERPRISES 888/725-6999	05/14/09	3718	A	BIODEGRADABLE
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 SLOPE	EROSION CONTROL BLANKET C 32 BD	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	05/01/15	4848	A	BIODEGRADABLE
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
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.

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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 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 SC 32	EROSION CONTROL BLANKET 866/317-3346 ACF WEST INC 503/771-5115	02/13/15	4849	A	
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	EROSION CONTROL BLANKET P 42	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 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	EXCEL CC-4	WESTERN EXCELSIOR 800/967-4009 GEOTEK 360/750-1955	02/08/07	3399	A	COCONUT FIBER

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00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTEK 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 GEOTEK 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 GEOTEK 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 GEOTEK 360/750-1955	02/08/07	3398	A	ASPEN EXCELSIOR
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	GREEN ARMOR SYSTEM 7020	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	05/10/18	5124	A	
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
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

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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	ARTIFICIAL FIBER (SODA BOTTLES)
00280.14E	MATTING - TYPE F FLEXIBLE CHANNEL LINER	T-RECS HIGH PERFORMANCE TRM	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4617	A	
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	

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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	4841	A	
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET P 42	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 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 GEOTEK 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 GEOTEK 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 GEOTEK 360/750-1955	02/08/07	3400	A	POLY FIBERS
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	GREEN ARMOR SYSTEM 7020	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	05/10/18	5124	A	MUST BE VEGETATED PER DATA SHEET TO MEET SHEAR STRENGTH SPECIFICATIONS
00280.14E	MATTING - TYPE G FLEXIBLE CHANNEL LINER	KOIRMAT 700	NEDIA ENTERPRISES 888/725-6999	05/14/09	3718	A	

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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	ARTIFICIAL 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	ARMORFLEX CLOSED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	01/10/08	3590	A	SUBJECT TO APPROVAL BY NATURAL RESOURCE AGENCIES AT DESIGN. CONCRETE BLOCKS
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	ARMORFLEX OPEN CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3575	A	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	ARMORFLEX TAPERED CELL BLOCK	CONTECH CONSTRUCTION PRODUCTS 800/522-0410	02/14/08	3591	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	

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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	
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	EROSION CONTROL BLANKET P 42	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	EXCEL PP5-10	WESTERN EXCELSIOR 800/967-4009 GEOTEK 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 GEOTEK 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 GEOTEK 360/750-1955	02/08/07	3400	A	POLY FIBERS
00280.14E	MATTING - TYPE H FLEXIBLE CHANNEL LINER	GREEN ARMOR SYSTEM 7020	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	05/10/18	5124	A	MUST BE VEGETATED PER DATA SHEET TO MEET SHEAR STRENGTH SPECIFICATIONS
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. ARTIFICIAL FIBER (SODA BOTTLES)

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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
00280.15A	CHECK DAM, TYPE 3	BIO FILTER BAG	CITY OF ROSES DISPOSAL AND RECYCLING INC. 503/849-8881	11/12/09	2430	A	NOT BIO-DEGRADABLE SHORT TERM WAS NAMED GRABHORN BIO FILTER BAG
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	NOT BIO-DEGRADABLE
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	NOT BIO-DEGRADABLE
00280.15A	CHECK DAM, TYPE 3	FILTREXX FILTERSOXX DITCHEXX	FILTREXX INTERNATIONAL 440/926-2607	12/08/05	3257	A	NOT BIO-DEGRADABLE
00280.15A	CHECK DAM, TYPE 3	RICE STRAW FIBER ROLL	KRISTAR ENTERPRISES 800/579-8819	11/09/06	2634	A	AVAILABLE,PHOTO OR BIODEGRADABLE NETTING
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	NOT BIO-DEGRADABLE

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00280.15A	CHECK DAM, TYPE 5	GEOBALE	GEOHAY 864/472-7000	12/13/07	3579	A	NOT BIO-DEGRADABLE
00280.15A	CHECK DAM, TYPE 5	GEOFILTER	GEOHAY 864/472-7000	12/13/07	3580	A	NOT BIO-DEGRADABLE
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 VELOCITIES, BUT NOT AS A CHECK DAM ALONE. USE WITH A MATTING NOT BIO-DEGRADABLE
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. NOT BIO-DEGRADABLE
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	NOT BIO-DEGRADABLE
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.
00280.15F	COMPOST FILTER SOCK	E-TUBE FILTER SOCK FABRIC	SOIL-TEK ETUBE FILTER SOCK PRODUCTS 515/480-0873	08/13/14	4761	A	FABRIC FOR SEDIMENT BARRIER NOT FULLY BIODEGRADABLE PHOTO-DEGRADABLE
00280.15F	COMPOST FILTER SOCK	FILTREXX SILTSOXX BIOSOXX	FILTREXX 404/687-8393	10/24/19	5219	A	BIO-DEGRADABLE
00280.16D	INLET PROTECTION TYPE 10	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.

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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	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 NO FRAME	MIKE'S PRODUCTS 503/256-5607	07/24/15	4885	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL AND MONITOR PER MFG INSTRUCTIONS
00280.16D	INLET PROTECTION - TYPE 3	DANDY CURB BAG SURFACE AND CURB INLET	DANDY PRODUCTS, INC 800/591-2284 SPILL CONTROL, INC 800/300-1649	11/17/14	4814	A	DESIGNED FOR 250 GPM/FTSQ VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL AND MONITOR PER MFG INSTRUCTIONS
00280.16D	INLET PROTECTION - TYPE 3	DANDY CURB SACK SURFACE AND CURB INLET	DANDY PRODUCTS, INC 800/591-2284 SPILL CONTROL, INC 800/300-1649	11/17/14	4810	A	DESIGNED FOR 250 GPM/FTSQ VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL AND MONITOR PER MFG INSTRUCTIONS
00280.16D	INLET PROTECTION - TYPE 3	DANDY SACK NO FRAME	DANDY PRODUCTS, INC 800/591-2284 SPILL CONTROL, INC 800/300-1649	11/17/14	4812	A	DESIGNED FOR 250 GPM/FTSQ VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL AND MONITOR PER MFG INSTRUCTIONS
00280.16D	INLET PROTECTION - TYPE 3	DRAIN BAGS NO FRAME	SPILL CONTROL, INC 800/300-1649	10/24/12	4539	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	DRAIN WEB DW4000REC 36"X24" FRAMED	ENVIROMET 360/944-6100	12/20/17	5103	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	DREAM STREAM GCDOTFB-3624 NO FRAME 36"X36"	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 FRAMED	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	FRAME & FILTER ASSEMBLY-DOME POLYMER FRAME	SILT SAVER, INC 770/388-7818 FERGUSON 541/618-7418	12/20/17	5101	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 AND MONITOR PER MFG INSTRUCTIONS REBAR USED INPLACE OF FRAME
00280.16D	INLET PROTECTION - TYPE 3	MIKE'S PRODUCTS BASIN WORK'R FRAMED	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 AND MONITOR PER MFG INSTRUCTIONS REBAR USED INPLACE OF FRAME
00280.16D	INLET PROTECTION - TYPE 3	REGULAR FLOW SILTSACK	ACF ENVIRONMENTAL 804/271/2363 ACF WEST 800/878/5115	08/01/11	4442	A	VERIFY PRODUCT SIZE VS INLET SIZE INSTALL AND MONITOR PER MFG INSTRUCTIONS REBAR USED INPLACE OF FRAME
00280.16D	INLET PROTECTION - TYPE 3	STORM DRAIN DEFENDER DD300REC 16"X20 TO 24"X36 FRAMED	ENVIROMET 360/944-6100	12/20/17	5102	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	STORM SENTINEL MODEL 4320NO 48" X 36" NO FRAME	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" NO FRAME	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

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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 16"X20" TO 28"X36" FRAMED	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
00280.16D	INLET PROTECTION - TYPE 3	STORMGUARD FRAMED	SPILL CONTROL,INC 800/300-1649	12/24/12	4538	A	VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED
00280.16D	INLET PROTECTION - TYPE 3	STREAMGUARD NO FRAME	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 NO FRAME	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 24" X 36" MAX	ULTRA-DRAIN GUARD ECONOMY FRAME ADJ. FRAME MOD. #8934	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	11/21/19	5224	A	ADJUSTABLE FRAME INSTALL PER MFG INSTRUCTIONS. MONITOR & MAINTAIN AS REQUIRED OVERFLOW OPENINGS
00280.16D	INLET PROTECTION - TYPE 3 GAS & OIL	ULTRA-DRAIN GUARD OIL & SEDIME NO FRAME	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	BIO FILTER BAG	CITY OF ROSES DISPOSAL AND RECYCLING INC. 503/849-8881	11/12/09	2430	A	NOT BIO-DEGRADABLE WAS NAMED GRABHORN BIO FILTER BAG

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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.
00280.16D	INLET PROTECTION - TYPE 4	SLOPEGARD 3	KRISTAR ENTERPRIS 800/579-8819	11/09/06	2633	A	
00280.16D	INLET PROTECTION - TYPE 6 OTHER	GEOFILTER	GEOHAY 864/472-7000	12/13/07	3580	A	
00280.16D	INLET PROTECTION - TYPE 7	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 7	CURLEX SFW WATTLES	AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426	02/13/15	4863	A	
00280.16D	INLET PROTECTION - TYPE 7	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 7	ENVIRO STRAW 9" STRAW WATTLE	ENVIRO-STRAW 208/270-1225	01/21/14	4703	A	
00280.16D	INLET PROTECTION - TYPE 7	FILTREXX FILTERSOXX INLETSOXX	FILTREXX INTERNATIONAL 440/926-2607	12/08/05	3258	A	
00280.16D	INLET PROTECTION - TYPE 7	FILTREXX FILTERSOXX SILTSOXX	FILTREXX INTERNATIONAL 440/926-2607	06/11/09	3256	A	USE MFG APPROVED COMPOST MEDIA & ADDITIVES & MEET ODOT SPECS.

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00280.16D	INLET PROTECTION - TYPE 7	SS FIBER ROLLS (9X25) UV	EROSION CONTROL SERVICES MARK CLELLAND 208/337-4620	04/08/10	3928	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	
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	

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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-NATURAL NET STRAW WATTLE	OREGON STRAW WATTLE 503/519-0848	09/10/18	5151	A	WHEAT/RYE STRAW BIODEGRADABLE
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	
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	STRAW WATTLE 9"	KT MANUFACTURING 208/576-3301	09/26/18	5153	A	PHOTODEGRADABLE 6-12 MONTHS OR 12-18 MONTHS AVAILABLE

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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 STRAW WATTLE	PERMALOK/PERMEATEX STRAW WATTLE	NORTHWEST LININGS & GEOTEXTILE 253/867-5366	10/14/10	4194	A	RICE STRAW
00280.16E	SEDIMENT BARRIER, TYPE 4	WOVEN POLYPROPYLENE SANDBAG MODEL: PPB1426T1600	SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692	07/11/02	2429	A	
00280.16E	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	
00280.16E	SEDIMENT BARRIER, TYPE 7	GEOFILTER	GEOHAY 864/472-7000	12/13/07	3580	A	
00280.16E	SEDIMENT BARRIER, TYPE 7	HARD SURFACE GUARD	ERTEC ENVIRONMENTAL SYSTEMS 866/521-0724	11/05/18	5146	A	
00280.16E	SEDIMENT BARRIER, TYPE 7	PROWATTLE	ERTEC ENVIRONMENTAL SYSTEMS 866/521-0724	11/05/18	5144	A	
00280.16E	SEDIMENT BARRIER, TYPE 7	S-FENCE	ERTEC ENVIRONMENTAL SYSTEMS 866/521-0724	11/05/18	5145	A	

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APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2020 (AMENDED FOR 2021 SPECIFICATIONS)**

<u>STANDARD SPEC #</u>	<u>CATEGORY</u>	<u>PRODUCT NAME</u>	<u>LOCAL REPRESENTATIVE AND/OR MANUFACTURER</u>	<u>EFFECTIVE DATE</u>	<u>PRODUCT NUMBER</u>	<u>LIST</u>	<u>REMARKS</u>
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.
00280.16E	SEDIMENT BARRIER, TYPE 8	SILTRAP BIOFILTER SOCK	HIGHWAY FUEL 503/363-6444	05/12/20	5259	A	BIODEGRADABLE SWITCHGRASS NOT APPROVED NOT REUSABLE, NOT MOVABLE ONCE PLACED
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.
00280.16K	SEDIMENT CONTROL MATERIAL FLOCCULANT	CHITOSAN LACTATE PASSIVE TREATMENT SOCK/GELFLOC SOCK	SOUND ENVIRONMENTAL CONCEPTS,LLC 206/730-5376	11/14/17	5082	A	
00280.16K	SEDIMENT CONTROL MATERIAL FLOCCULANT	CHITOVAN LIQUID (ACETATE) 1%	DUNGENESS ENVIRONMENTAL 206/730-5370 ACF WEST 800/878-5115 CSI GEOSYNTHETICS 800/426-7976	09/11/10	3837	A	
00350.00	GEOCELL	ENVIROGRID	GEO PRODUCTS 281/820-5493 CSI GEOSYNTHETICS 800/426-7976	05/08/03	2699	A	POLYETHYLENE CELLULAR CONFINEMENT 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	

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00390.00	SLOPE PROTECTION - TYPE 3	HYDRAPAM(L) LIQUID	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	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.
00413.10	CEMENTITIOUS PIPE LINERS (REPAIR MATERIAL)	CENTRI-CAST PIPE REPAIR MORTAR FIVE STAR PRODUCTS	FIVE STAR PRODUCTS, INC 800/243-2206	06/12/18	5066	A	FOR METAL AND CONCRETE CULVERTS REPAIR
00413.10	CEMENTITIOUS PIPE LINERS (REPAIR MATERIAL)	GEOCAST GEOPOLYMER MORTAR	STANDARD CEMENT MATERIALS, INC 888/278-1337	07/02/18	5123	A	FOR METAL AND CONCRETE CULVERTS REPAIR
00413.10	CEMENTITIOUS PIPE LINERS (REPAIR MATERIAL)	GEOspray GEOPOLYMER	MILLIKEN INFRASTRUCTURE SOLUTIONS, LLC 706/880-5054	04/16/18	5088	A	FOR METAL AND CONCRETE CULVERTS REPAIR
00413.10	CEMENTITIOUS PIPE LINERS (REPAIR MATERIAL)	PERMACAST PL-8,000	AP/M PERMAFORM 800/662-6465	06/14/17	5042	A	FOR METAL AND CONCRETE CULVERTS REPAIR
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	4938	A	TO BE USED FOR VISUALLY ACCEPTED WORK ITEMS

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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	POLYDRAIN CURB RETURN DRAIN ADA GRATE	ABT, INC. 800/438-6057 BRAD SHORT 949/633-6111 NATHAN PAUL 443/956-9471	03/22/19	5194	A	REVIEW WITH STANDARDS ENGINEER FOR USE ON CURB AREAS WITH ADA RAMPS
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

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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
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	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	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 MAN HOLE RING A-2111-R5	D&L FOUNDRY 509/765-7952	10/19/18	5037	A	3 BOLT LUGS WITH 1/4" O-RING
00470.00	MANHOLE FRAME	STANDARD MAN HOLE RING A-2111-R3	D&L FOUNDRY 509/765-7952	10/19/18	5036	A	3 BOLT LUGS
00470.00	MANHOLE FRAME	STANDARD MAN HOLE RING A-2111-R1	D&L FOUNDRY 509/765-7952	10/19/18	5035	A	
00470.00	MANHOLE FRAME	STANDARD MANHOLE RING A-2108-R1	D&L FOUNDRY 509/765-7952	08/27/13	4649	A	

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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	SUBURBAN MANHOLE RING A-2107-R2	D&L FOUNDRY 509/765-7952	08/27/13	4647	A	
00470.00	MANHOLE FRAME MANHOLE COVER	CAP 30 FRAME AND COVER	CAP COMPOSITE ACCESS PRODUCTS 844/3442271 THE HOOS OBRUCE 503/9513895	01/25/19	5157	A	MOLDED FIBERGLASS REINFORCED THERMOSET-PLASTIC.
00470.00	MANHOLE RISER RING	1 1/2" PAVING RISER G-2051-R1	D&L FOUNDRY 509/765-7952	08/27/13	4637	A	
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	

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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 503/951-3895	09/10/98	1730	A	RECYCLED HDPE. MFG SAYS SPECIAL GROOVE IS NECESSARY TO FIT OUR MUD RINGS. SEE GREG BRUCE
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.
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	BIG-FOOT SLURRY SYSTEM	MATRIX CONSTRUCTION PRODUCTS 630/364-3231	09/22/17	5067	A	
00512.14	SYNTHETIC SLURRY	SHORE PAC	CETCO CONSTRUCTION DRILLING 800/527-9948 OR 847/392-5800 WAS CALLED SHORE PAC GCV 5/08	08/10/06	3345	A	

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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.
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.

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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.
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.

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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.
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.

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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.
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.

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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.
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 CALIFORNIA	COMMERCIAL METALS COMPANY 909/646-7886	08/05/98	1842	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES. WAS GERDAU AMERISTEEL - RANCHO CUCAMONGA
00530.00	REBAR MANUFACTURER	CMC STEEL-DURANT OKLAHOMA	COMMERCIAL METALS-CMC STEEL OK 580/634-5084	06/12/18	5138	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES. #4-#11 STRAIGHT & #3-#6 COILED

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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 - 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.
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	OPTIMUS STEEL-BEAUMONT TEXAS MILL COILED #3 - #5	OPTIMUS STEEL LLC 409/769-1035	01/06/15	4838	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION DRAWING.
00530.00	REBAR MANUFACTURER SIZE #4 - #11	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.

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00530.00	REBAR MANUFACTURER A615 GRADE 60, 80, 100 A706 GRADE 60, 80 SIZE #3-#18	CMC STEEL SOUTH CAROLINA	CMC STEEL SOUTH CAROLINA 803/465-7523	06/12/20	5263	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION DRAWING.
00530.00	REBAR MANUFACTURER A615 GRADE 60 SIZE #4-#11	STEEL DYNAMICS ROANOKE BAR DIVISION	STEEL DYNAMICS ROANOKE BAR DIVISION 540/510-3185	06/19/20	5261	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES.
00530.00	REBAR MANUFACTURER A706 GRADE 60 SIZE #3-#5	CMC STEEL FLORIDA	CMC STEEL FLORIDA 904/266-1547	06/12/20	5262	A	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION DRAWING.
00530.00	REBAR MANUFACTURER ASTM A1035CM/AASHTO M334 SIZE #4 - #11	MMFX TECHNOLOGIES-CMC CHROMX 9100 PRODUCED @ CASCADE STEEL ROLLING MILLS	COMMERCIAL METALS COMPANY 480/396-7124	04/28/20	5249	Q	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES. TEST 3 BARS, MOST COMMON SIZE ON PROJECT
00530.00	REBAR MANUFACTURER ASTM A1035CS/AASHTO M334 SIZE #3 - #11	MMFX TECHNOLOGIES-CMC CHROMX 9100 PRODUCED @ CASCADE STEEL ROLLING MILLS	COMMERCIAL METALS COMPANY 480/396-7124	03/19/18	3517	Q	SEE APPENDIX "A" AT END OF QPL FOR IDENTIFICATION PICTURES. TEST 3 BARS, MOST COMMON SIZE ON PROJECT
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	BARSPlice - ZAP LOCK SCREWLOK SL	BARSPlice PRODUCTS INC 937/275-8700	02/25/20	5250	Q	#4-#11 BLACK BAR & COATED SHEAR BOLT TYPE
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

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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
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

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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
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, ALL INSTALLATIONS) SLIP TESTING NOT REQUIRED
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 SLIP TESTING NOT REQUIRED
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 SLIP TESTING NOT REQUIRED

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00534.10A	CONCRETE ANCHORS MECHANICAL TYPE A UNDERCUT	ATOMIC+ 316 STAINLESS	DEWALT 800/524-3244 SALES NORTHWEST 206/762-5812	07/06/20	5276	Q	SEE BDM 1", 3/4", 1/2" US STEEL NOT VERIFIED AT TIME OF LISTING CHECK CMO
00534.10A	CONCRETE ANCHORS MECHANICAL TYPE A UNDERCUT	HILTI HDA® 316 STAINLESS	HILTI, INC 800/879-8000 PETER ANDERSON 972/403-5948	07/06/20	5275	Q	SEE BDM 1", 3/4", 1/2" (EQUIVENT) US STEEL NOT VERIFIED AT TIME OF LISTING CHECK CMO
00534.10B	CONCRETE ANCHORS MECHANICAL TYPE B EXPANSION	KWIK BOLT 3 HDG, 316 STAINLESS	HILTI, INC 800/879-8000 PETER ANDERSON 972/403-5948	07/06/20	5277	Q	SEE BDM 3/4", 1/2", 1/4" US STEEL NOT VERIFIED AT TIME OF LISTING CHECK CMO
00534.10B	CONCRETE ANCHORS MECHANICAL TYPE B EXPANSION	KWIK BOLT TZ 316 STAINLESS	HILTI, INC 800/879-8000 PETER ANDERSON 972/403-5948	07/06/20	5278	Q	SEE BDM 3/4", 1/2" US STEEL NOT VERIFIED AT TIME OF LISTING CHECK CMO
00534.10B	CONCRETE ANCHORS MECHANICAL TYPE B EXPANSION	STRONG-BOLT 2 316 STAINLESS	SIMPSON STRONG-TIE DEREK HARDY 206/304-1842 800/999-5099	07/06/20	5280	Q	SEE BDM 3/4", 1/2", 1/4" US STEEL NOT VERIFIED AT TIME OF LISTING CHECK CMO
00534.10B	CONCRETE ANCHORS MECHANICAL TYPE B EXPANSION	TRUBOLT WEDGE HDG, 316 STAINLESS	ITW COMMERCIAL CONSTRUCTION NORTH AMERICA-RED HEAD 630/694-4855 206/450-4221	07/06/20	5279	Q	SEE BDM 3/4", 1/2", 1/4" US STEEL NOT VERIFIED AT TIME OF LISTING CHECK CMO
00534.10C	CONCRETE ANCHORS MECHANICAL TYPE C SCREW	TAPCON 410 STAINLESS	ITW COMMERCIAL CONSTRUCTION NORTH AMERICA-RED HEAD 630/694-4855	07/06/20	5282	Q	SEE BDM 3/4", 1/2", 1/4" US STEEL NOT VERIFIED AT TIME OF LISTING CHECK CMO
00534.10C	CONCRETE ANCHORS MECHANICAL TYPE C SCREW	TITEN HD HDG	SIMPSON STRONG-TIE DEREK HARDY 206/304-1842 800/999-5099	07/06/20	5281	Q	SEE BDM 3/4", 1/2", 1/4" US STEEL NOT VERIFIED AT TIME OF LISTING CHECK CMO
00535.10	CONCRETE ANCHOR, RESIN	HILTI HIT-HY 200-A EPOXY	HILTI, INC. 800/879-8000 PETER ANDERSON 972/403-5948	06/29/16	4955	Q	WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.

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00535.10	CONCRETE ANCHOR, RESIN	HILTI HIT-RE 100 EPOXY	HILTI, INC. 800/879-8000 PETER ANDERSON 972/403-5948	07/01/16	4965	Q	WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00535.10	CONCRETE ANCHOR, RESIN	HILTI HIT-RE 500V3 EPOXY	HILTI, INC. 800/879-8000 PETER ANDERSON 972/403-5948	07/01/16	4966	Q	WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00535.10	CONCRETE ANCHOR, RESIN	PE1000+ EPOXY INJECTION ADHESIVE	DEWALT 800/524-3244 SALES NORTHWEST 206/762-5812	10/08/09	3927	Q	WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00535.10	CONCRETE ANCHOR, RESIN	PURE 110+ EPOXY INJECTION ADHESIVE EPOXY	DEWALT 800/524-3244 SALES NORTHWEST 206/762-5812	01/27/15	4552	Q	WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00535.10	CONCRETE ANCHOR, RESIN	RED HEAD A7+ EPOXY	ITW COMMERCIAL CONSTRUCTION NORTH AMERICA-RED HEAD 630/694-4855 206/450-4221	08/07/17	4983	Q	WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00535.10	CONCRETE ANCHOR, RESIN	RED HEAD C6+ EPOXY	ITW COMMERCIAL CONSTRUCTION NORTH AMERICA-RED HEAD 630/694-4855 206/450-4221	08/06/18	5091	Q	WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00535.10	CONCRETE ANCHOR, RESIN	RED HEAD G5+ EPOXY	ITW COMMERCIAL CONSTRUCTION NORTH AMERICA-RED HEAD 630/694-4855 206/450-4221	08/06/18	5080	Q	WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00535.10	CONCRETE ANCHOR, RESIN	SIMPSON AT-XP EPOXY	SIMPSON STRONG-TIE DEREK HARDY 206/304-1842 800/999-5099	07/08/14	4789	Q	WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00535.10	CONCRETE ANCHOR, RESIN	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	WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PRPOSED EMBEDMENT TO THE EOR FOR APPROVAL.

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00535.10	CONCRETE ANCHOR, RESIN	SIMPSON SET 3G EPOXY	SIMPSON STRONG-TIE DEREK HARDY 206/304-1842 800/999-5099	11/06/19	5188	Q	WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PROPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00535.10	CONCRETE ANCHOR, RESIN	ULTRABOND HS-1CC EPOXY	ADHESIVES TECHNOLOGY CORP. 954/789-4764	03/26/19	5133	Q	WHEN EMBEDMENT NOT SPECIFIED SUBMIT A PROPOSED EMBEDMENT TO THE EOR FOR APPROVAL.
00538.10	CRACK INJECTION EPOXY	CRACKBOND LR-321	ADHESIVES TECHNOLOGY CORP. 954/789-4764	07/29/16	4969	A	2 COMPONENT, HIGH MODULUS
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	EPOJET	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	11/21/16	5009	A	
00538.10	CRACK INJECTION EPOXY	EP-SLV	E-CHEM, LLC JAMES HIGH 505/217-2121	05/17/17	5049	A	2 COMPONENT, HIGH MODULUS
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.

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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.
00538.10	CRACK INJECTION EPOXY	SIKADUR 52	SIKA CORPORATION 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	03/17/14	4752	A	
00556.10A	MULTI-LAYER POLYMER CONCRETE OVERLAY EPOXY	EPX50-OVERLAY	E-CHEM, LLC JAMES HIGH 505/217-2121	06/04/15	4654	A	
00556.10A	MULTI-LAYER POLYMER CONCRETE OVERLAY EPOXY	EPX50-OVERLAY FAST	E-CHEM, LLC JAMES HIGH 505/217-2121	04/18/17	5048	A	FOR USE AT LOW TEMPERATURES FOLLOW MANUFACTURES RECOMMENDATIONS TEST DECK 2017
00556.10A	MULTI-LAYER POLYMER CONCRETE OVERLAY EPOXY	FLEXOLITH	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	01/10/08	230	A	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	

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00556.10A	MULT-LAYER POLYMER CONCRETE OVERLAY EPOXY	PRO-POXY TYPE III DOT LT	DAYTON SUPERIOR/UNITEX CLAY CHRISTIANSEN 801/671-3658	02/13/17	5017	A	FOR USE AT LOW TEMPERATURES FOLLOW MANUFACTURES RECOMMENDATIONS TEST DECK 2017
00556.10A	MULT-LAYER POLYMER CONCRETE OVERLAY EPOXY	SIKADUR 22 LO MOD FS (FAST SET)	SIKA CORPORATION 800/933-7452	04/18/17	5051	A	FOR USE AT LOW TEMPERATURES FOLLOW MANUFACTURES RECOMMENDATIONS TEST DECK 2017
00556.10B	MULTI-LAYER POLYMER CONCRETE OVERLAY AGGREGATE	ARMORSTONE 980-3 FED HWY (WAS 416-FH)	WASHINGTON ROCK QUARRIES 253/262-1661	01/14/14	4726	Q	
00556.10B	MULTI-LAYER POLYMER CONCRETE OVERLAY AGGREGATE	ARMORSTONE 982-3 416-NM	WASHINGTON ROCK QUARRIES 253/262-1661	01/14/14	4725	Q	
00565.00	CFRP-WET LAY UP SYSTEM	MBT MBRACE CF 130 WAS WABOMBACE 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
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	RENEW WRAP CF-335	MILLIKEN INFRASTRUCTURE SOLUTIONS 855/655-6750	09/11/03	2681	Q	MEETS CALTRANS REQUIREMENTS. FABRIC WAS FIBERBOND VELACARB VELACARB 335U / VELOXX LR
00565.00	CFRP-WET LAY UP SYSTEM	RENEW WRAP CF-600	MILLIKEN INFRASTRUCTURE SOLUTIONS 855/655-6750	06/10/10	4073	Q	APPROVED BY BRIDGE SECTION. FABRIC WAS VELACARB 600U
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

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QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2020 (AMENDED FOR 2021 SPECIFICATIONS)**

<u>STANDARD SPEC #</u>	<u>CATEGORY</u>	<u>PRODUCT NAME</u>	<u>LOCAL REPRESENTATIVE AND/OR MANUFACTURER</u>	<u>EFFECTIVE DATE</u>	<u>PRODUCT NUMBER</u>	<u>LIST</u>	<u>REMARKS</u>
00565.00	CFRP-WET LAY UP SYSTEM	SIKA CARBODUR CFRP	SIKA CORPORATION 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASON'S SUPPLY 800/537-3407	06/13/02	2612	Q	MEETS CALTRANS REQUIREMENTS. PLATE
00582.10	COMPOSITE - DISC, FIXED REVIEWED FOR 2008 SPECS	DISKTRON	R.J. WATSON, INC. 716/901-7020	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. 716/901-7020	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. 716/901-7020	10/09/08	1509	Q	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.
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.

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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.
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	SCOU GAL 60 DUROMETER PLAIN PAD	SCOU GAL 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	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	09/09/10	4173	A	MEETS APPROPRIATE PARTS OF SECTION 02570 AND 02571.

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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	Q	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	D.S. BROWN CO. 800/848-1730 LARRY DURAIN 800/848-1730 BRUCE HOLLIDAY 503-646-0801	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	E-CRETE 57N MODIFIED URETHANE	CHASE CORPORATION LLC 800/323-4182	05/23/19	5195	Q	3 PART, TWO PART MODIFIED URETHANE WITH AGGREGATE
00584.10	ELASTOMERIC CONCRETE FOR PAVING DAMS	EMCRETE II POLYURETHANE (2 PART + AGG)	SIKA CORPORATION 800/933-7452 EMSEAL CORPORATION 617/835-8541	06/08/20	5270	Q	3 PART, TWO PART POLYURETHANE WITH AGGREGATE
00584.10	ELASTOMERIC CONCRETE FOR PAVING DAMS	KBP PPC-1121 POLYESTER	KWIK BOND POLYMERS DAN ULDALL 360/600-7762	08/25/16	4973	Q	REQUIRES KBP 204 PRIMER ON PCC SURFACE
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"	MATRIX 502	CRAFCO INC. 800/528-8242 GREG SHARP 971/645-1826 DS BROWN 419/257-5478	12/11/08	1365	Q	MOVEMENTS ±1"
00585.10	EXPANSION JOINT SYSTEM, ASPHALTIC PLUG FOR MOVEMENTS OF < 1 1/2"	THORMA-JOINT	DYNAMIC SURFACE APPLICATIONS 800/491-5663	02/12/09	1570	Q	BJ SUPER (POLYMER MODIFIED ASPHALT) AND 3/4" COARSE AGGREGATE
00585.10	EXPANSION JOINT SYSTEM, ASPHALTIC PLUG FOR MOVEMENTS OF 1"	MATRIX 501	CRAFCO INC. 800/528-8242 GREG SHARP 971/645-1826	06/20/14	4777	Q	DEPTH 2"-8", MAXIMUM WIDTH 24"
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, 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, PRECOMPRESSED FOAM SILICONE SEAL MOVEMENT UP TO .25"	EMSEAL BEJS SYSTEM	EMSEAL JOINT SYSTEMS, LTD 508/836-0280	06/27/19	5211	Q	
00585.10	EXPANSION JOINT SYSTEM, PRECOMPRESSED FOAM SILICONE SEAL MOVEMENT UP TO .25"	WABO FS BRIDGE SEAL	WATSON BOWMAN ACME CORP. 716/691-7566	06/27/19	5212	Q	

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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. 716/901-7020	06/11/09	1006	Q	SUBMIT DRAWINGS TO BRIDGE. ANCHOR PER BR145. OKAY FOR 2008 SPECS.
00585.10	EXPANSION JOINT SYSTEM, STRIP SEAL MOVEMENTS OF 1 3/4" - 4".	STEELFLEX SSPA W/L2-400,L2-500	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 RESPONSIBLE 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.
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	MATACRYL WPM	FPT INFRASTRUCTURE 336/789-7259	02/19/19	5158	Q	MATACRYL PRIMER CM MATACRYL MEMBRANE LAYER MATACRYL STC TACK COAT WITH AGG. GRADE LIMIT 0%-90% INCLINE
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
00594.10	MAINTENANCE COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM MC-1	CARBOLINE 800/848-4645 CRAIG FIGGINS 503/313-5438	09/23/16	3372	Q	PRIMER-CARBOZINC 859 VOC INTERMEDIATE-CARBOGUARD 635 VOC LO GLOSS TOP-CARBOTHANE 133 VOC HI GLOSS TOP-CARBOTHANE 134 VOC
00594.10	MAINTENANCE COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM MC-2	SHERWIN WILLIAMS 360/609-1879 DERRICK CASTLE 913/481-0612	09/23/16	3373	Q	PRIMER-ZINC CLAD III HS INTERMEDIATE-MACROPOXY 646 LO GLOSS TOP-ACROLON 218 HS HI GLOSS TOP-ACROLON 218 HS
00594.10	MAINTENANCE COATING 3 COAT SYSTEM W/ORGANIC ZINC	SYSTEM MC-3	WASSER 800/627-2968 DAN WOLF 360/870-3513	07/08/10	3375	Q	PRIMER-MC ZINC 100 INTERMEDIATE-MC-MIOMASTIC 100 LO GLOSS TOP-FERROX A 100 HI GLOSS TOP-LUSTER 100

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00594.10	NON-FERROUS COATING 2 COAT - NON FERROUS	SYSTEM NFC-1	CARBOLINE 800/848-4645 -2064 CRAIG FIGGINS 503/313-5438	10/12/06	3378	Q	PRIMER-GALOSEAL WB TOP-CARBOTHANE 134HS
00594.10	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 100 TOP-LUSTER 100
00594.10	REHAB COATING 3 COAT SYSTEM W/ORGANIC ZINC AND MICACEOUS IRON OXIDE	SYSTEM RC-1	WASSER 800/627-2968 DAN WOLF 360/870-3513	09/23/16	3377	Q	PRIMER-MIOZINC 100 INTERMEDIATE-FERROX B 100 LO GLOSS TOP-FERROX A 100 HI GLOSS TOP-LUSTER 100
00594.10	SHOP COATING 3 COAT SYSTEM	SYSTEM SC-3	WASSER 800/627-2968 DAN WOLF 360/870-3513	06/28/18	5149	Q	PRIMER-MC-ZINC 100 INTERMEDIATE-MC-MIOMASTIC 100 TOP- MC FERROX A 100
00594.10	SHOP COATING 3 COAT SYSTEM W/INORGANIC ZINC	SYSTEM SC-1	CARBOLINE 800/848-4645 -2064 CRAIG FIGGINS 503/313-5438	10/12/06	3370	Q	PRIMER-CARBOZINC 11HS INTERMEDIATE-CARBOGUARD 893 TOP-CARBOTHANE 134HS
00594.10	SHOP COATING 3 COAT SYSTEM W/INORGANIC ZINC	SYSTEM SC-2	SHERWIN WILLIAMS 360/609-1879 DERRICK CASTLE 913/481-0612	10/12/06	3371	Q	PRIMER-ZINC CLAD DOT INTERMEDIATE-MACROPOXY 646-100 TOP-ACROLON 218 HS
00594.10	SHOP PILE COATING 3 COAT SYSTEM W/TAR	SYSTEM SPC-1	SHERWIN WILLIAMS 360/609-1879 DERRICK CASTLE 913/481-0612	12/20/16	5022	Q	PRIMER-ZINC CLAD DOT INTERMEDIATE-COROTHANE COAL TAR TOP-COROTHANE COAL TAR
00594.10	SHOP PILE COATING 3 COAT SYSTEM W/TAR	SYSTEM SPC-2	WASSER 800/627-2968 DAN WOLF 360/870-3513	12/20/16	5023	Q	PRIMER-MIOZINC 100 INTERMEDIATE-MC TAR 100 TOP-MC TAR 100
00594.10	SHOP PILE COATING 4 COAT SYSTEM W/TAR	SYSTEM SPC-3	SHERWIN WILLIAMS 360/609-1879 DERRICK CASTLE 913/481-0612	12/20/16	5024	Q	PRIMER-ZINC CLAD DOT INTERMEDIATE-COROTHANE COAL TAR INTERMEDIATE-COROTHANE COAL TAR TOP-SEAGUARD 1000

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00594.10	SHOP PILE COATING 4 COAT SYSTEM W/TAR	SYSTEM SPC-4	WASSER 800/627-2968 DAN WOLF 360/870-3513	12/20/16	5025	Q	PRIMER-MIOZINC 100 INTERMDIATE-MC TAR 100 INTERMDIATE-MC TAR 100 TOP-BALLASTCOAT 100
00594.10	WEATHERING STEEL COATING 2 COAT SYSTEM	SYSTEM WSC-1	CARBOLINE 800/848-4645 CRAIG FIGGINS 503/313-5438	12/20/16	5026	Q	PRIMER-CARBOZINC 859 VOC TOP-CARBOXANE 2100
00594.10	WEATHERING STEEL COATING 2 COAT SYSTEM	SYSTEM WSC-2	SHERWIN WILLIAMS 360/609-1879 DERRICK CASTLE 913/481-0612	12/20/16	5027	Q	PRIMER-ZINC CLAD IIIHS TOP-FLUOROKEM HS
00594.10	WEATHERING STEEL COATING 2 COAT SYSTEM	SYSTEM WSC-3	WASSER 800/627-2968 DAN WOLF 360/870-3513	12/20/16	5028	Q	PRIMER-MC ZINC 100 TOP-102 RAPID THANE POLYASPARTIC
00594.12	STRUCTURAL STEEL CAULK	FLEXIBLE SEAL	AC PRODUCTS 800/238-4204	11/08/07	3385	Q	
00594.12	STRUCTURAL STEEL CAULK	LOXON S1	SHERWIN WILLIAMS 360/609-1879 DERRICK CASTLE 913/481-0612	10/11/07	3383	Q	WAS NAMED STAMPEDE 1 NAME CHANGED 2/7/2017
00594.12	STRUCTURAL STEEL CAULK	SIKAFLEX 1A	SIKA CORPORATION 800/933-7452 THAD BROWN 425/486-5916	11/08/07	3381	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 2 PART	4SEASONS POURABLE POTHOLE FILLER	4SEASONS PAVEMENT REPAIR PRODUCTS, INC 231/861-7126	10/01/18	5132	A	LIQUID AND AGGREGATE MIXED ON SITE
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 BAGS AND 5 GALLON BUCKET	GREENPATCH HP PERM. NO VOC	COLD MIX MANUFACTURING CORP. 585/360-7079	10/08/18	5152	A	
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	BONDIX	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.

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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.
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	QPR (QPR2000)	QPR DBA, QUIKRETE 423/637-2499 BLUK SOUTH COUNTY ASPHALT 971/235-4571	03/10/11	560	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	BMF	COMPOUND TECHNOLOGIES, INC. 678/721-4101	09/20/16	4978	A	NTPEP LISTED
00745.22	ASPHALT RELEASE AGENT	CLEARRELEASE	KT CHEMICALS,INC 855/932-2228	06/26/15	4888	A	NTPEP LISTED

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00745.22	ASPHALT RELEASE AGENT	FIRST CHOICE ASPHALT RELEASE AGENT	BRODY CHEMICAL 801/963-2436	10/31/17	5070	A	NTPEP LISTED
00745.22	ASPHALT RELEASE AGENT	FIRST CHOICE ASPHALT RELEASE PLUS	BRODY CHEMICAL 801/963-2436	10/31/17	5071	A	NTPEP LISTED
00745.22	ASPHALT RELEASE AGENT	FIRST CHOICE CONCENTRATE ASPHALT RELEASE AGENT	BRODY CHEMICAL 801/963-2436	10/31/17	5072	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	GS ASPHALT SOLUTIONS TA-200 ASPHALT RELEASE	DELTAGREEN PRODUCTS/GS ASPHALT SOLUTION: 310/532-0353	05/08/19	5191	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	NO. 1 ASPHALT RELEASE AGENT	COMPOUND TECHNOLOGIES, INC. 678/721-4101	10/31/17	5073	A	NTPEP LISTED
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	SPX-7 ASPHALT RELEASE AGENT	COMPOUND TECHNOLOGIES, INC. 678/721-4101	10/31/17	5074	A	NTPEP LISTED
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	ULTRA SLIDER	MEYER LABORATORY, INC 816/228-4433	04/19/18	5109	A	NTPEP LISTED
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.

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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.
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 HOT APPLIED JOINT SEALANT AND MEET ASTM D6690 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 ACC-S-3024-CRV
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"	TRANSCO 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	ADA SOLUTIONS 800/372-0519	06/11/09	3865	A	2436, 2448, 2460: RETY 24RADRET
00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE ASPHALT SURFACES - NO	ULTRA-ADA PADS - SURFACE MOUNT	ULTRATECH INTERNATIONAL 800/353-1611 EXT 211	06/12/08	3635	A	FLEXIBLE PAD. MODELS 0750, 0751, 0752, & 0753
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.

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00759.12	DETECTABLE WARNING DEVICE CURED CONCRETE FRESH CONCRETE ASPHALT SURFACES - NO	TUFTILE HIGH-IMPACT POLYMER TILES	TUFTILE, INC 847/307-3070 HOOKER CREEK, LLC 541/548-6322	06/25/14	4758	A	
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 ACC-R-3024CRV
00759.12	DETECTABLE WARNING DEVICE FRESH CONCRETE ASPHALT SURFACES - NO	ALERTCAST	CAPE FEAR SYSTEMS III 877/232-6287	03/06/13	4419	A	REPLACEABLE PANELS 2436AC-Y, 2448AC-Y, 2460AC-Y
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	ADA SOLUTIONS 800/372-0519	06/11/09	3866	A	COLOR OKAY 2436, 2448, 2460: PAVCIPIY
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. 24RADREP
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.
00759.12	DETECTABLE WARNING DEVICE SNOW AREAS PLASTIC CONCRETE	ADVANTAGE CAST IRON TILE	ADVANTAGE TACTILE SYSTEMS, INC 888/679-4022 425/766-6234	06/02/20	5257	A	UNCOATED/WILL PATINA MEETS "BUY AMERICA" AS SUBMITTED

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00759.12	DETECTABLE WARNING DEVICE SNOW AREAS PLASTIC CONCRETE	ADVANTAGE PREMIER CAST IRON TILE	ADVANTAGE TACTILE SYSTEMS, INC 888/679-4022 425/766-6234	06/02/20	5258	A	UNCOATED/WILL PATINA MEETS "BUY AMERICA" AS SUBMITTED
00759.12	DETECTABLE WARNING DEVICE SNOW AREAS PLASTIC CONCRETE	NEENAH FOUNDRY DETECTABLE WARNING PLATE R-4984 SERIES (NO RADIUS)	NEENAH FOUNDRY COMPANY 253/343-3107	02/25/20	5227	A	UNCOATED/WILL PATINA MEETS "BUY AMERICA" AS SUBMITTED
00759.12	DETECTABLE WARNING DEVICE SNOW AREAS PLASTIC CONCRETE REPLACEABLE	TUFTILE CAST IRON TILES (REPLACEABLE) CAST IRON	TUFTILE, INC 847/307-3070 HOOKER CREEK, LLC 541/548-6322	02/25/20	5193	A	UNCOATED/ WILL PATINA MEETS "BUY AMERICA" AS SUBMITTED
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	ECORASTER E30	PURUS NA ECORASTER INC. 800/495-5517 EQO PRO LLC 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-LIGHT DUTY	ECORASTER E40	PURUS NA ECORASTER INC. 800/495-5517 EQO PRO LLC 503/793-5775	08/08/14	4786	A	GRID, GRASS, GRAVEL, SAND POLYETHYLEN, LOW DENSITY 12.99"X12.99"X1.6

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00760.00	POROUS PAVER-LIGHT DUTY	ECORASTER E50	PURUS NA ECORASTER INC. 800/495-5517 EQO PRO LLC 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	BERRY GLOBAL, INC 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	BERRY GLOBAL, INC 615/847-7500 ACF WEST 800/878-5115	10/11/12	4504	A	MODULAR CELLULAR GRASS PAVER RECYCLED HDPE
00760.00	POROUS PAVER-MEDIUM DUTY	ECORASTER E30	PURUS NA ECORASTER INC. 800/495-5517 EQO PRO LLC 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	ECORASTER E40	PURUS NA ECORASTER INC. 800/495-5517 EQO PRO LLC 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	ECORASTER E50	PURUS NA ECORASTER INC. 800/495-5517 EQO PRO LLC 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
00760.00	POROUS PAVER-MEDIUM DUTY	GRASSY PAVERS	RK MANUFACTURING 800/957-5575 ACF WEST 800/878-5115	04/08/10	2483	A	PLASTIC

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00760.00	POROUS PAVER-MEDIUM DUTY	TYPAVE 25	BERRY GLOBAL, INC 615/847-7500 ACF WEST 800/878-5115	06/06/16	4939	A	GRID, GRASS, GRAVEL RECYCLED HDPE 46"X46"X1"
00810.10	GUARDRAIL END TERMINAL MASH 2009 TL-2 1' FLARE (50:1) 'L'-50'9" 2' FLARE (25:1) 'L'-50'9"	SOFTSTOP END TERMINAL ENERGY ABSORBING UNIT	TRINITY HIGHWAY PRODUCTS, LLC 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" HEIGHT 31" CAN TRANSITION FROM 31"-27 5/8"
00810.10	GUARDRAIL END TERMINAL MASH 2009 TL-2 TANGENT 'L'=25'	MSKT (STEEL POST) ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	02/15/19	4979	A	MASH SEQUENTIAL KINKING TERMINAL. HEIGHT 31" HEIGHT 31"
00810.10	GUARDRAIL END TERMINAL MASH 2009 TL-3 0-2' FLARE 'L'=50'	MSKT (WOOD AND STEEL POST) ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	07/28/16	4979	A	MASH SEQUENTIAL KINKING TERMINAL. TESTED AT IMPACT SPEEDS OF 60MPH HEIGHT 31"
00810.10	GUARDRAIL END TERMINAL MASH 2009 TL-3 1' FLARE (50:1) 'L'-50'9" 2' FLARE (25:1) 'L'-50'9"	SOFTSTOP END TERMINAL ENERGY ABSORBING UNIT	TRINITY HIGHWAY PRODUCTS, LLC 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" HEIGHT 31" CAN TRANSITION FROM 31"-27 5/8"
00810.10	GUARDRAIL END TERMINAL MASH 2016 TL-2 TANGENT 'L'=50'	MAX-TENSION GR END TERMINAL ENERGY ABSORBING UNIT	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	06/12/18	5118	A	HEIGHT 31" NON-GATING RE-DIRECTIVE
00810.10	GUARDRAIL END TERMINAL MASH 2016 TL-2 & TL-3 3' FLARE 'L' = 39.7	MFLEAT NON-ENERGY ABSORBING UNIT	ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825	05/20/19	5196	A	HEIGHT 31"
00810.10	GUARDRAIL END TERMINAL MASH 2016 TL-3 0-2' FLARE "L"=27' (TOTAL 55' 1/2")	MAX TENSION ENERGY ABSORBING UNIT	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	09/13/17	5076	A	HEIGHT 31" NON-GATING RE-DIRECTIVE TOTAL INSTALATION LENGTH 55' 1/2"
00810.10	GUARDRAIL END TERMINAL MASH 2016 TL-3 TANGENT 'L'=50'	MAX-TENSION MEDIAN ENERGY ABSORBING UNIT	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	06/12/18	5117	A	HEIGHT 31" NON-GATING RE-DIRECTIVE

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00811.00	GUARDRAIL RETRO-FIT CABLE BARRIER (TL-3)	RETRO-RAIL	TRINITY HIGHWAY PRODUCTS, LLC 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
00811.10	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 OR PLASATIC SLEEVES WITH CONCRET FOOTING
00811.10	CABLE BARRIER SYSTEM MASH TL-3 4 CABLE	CASS SAFETY SYSTEM (CASS S3 4:1)	TRINITY HIGHWAY PRODUCTS, LLC 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
00811.11	CABLE BARRIER TERMINAL TL-3 MASH 4 CABLE	BRIFEN MASH GATING TERMINAL (MGT)	BRIFEN USA 866/427-4336 405/793-9500	04/28/20	5228	Q	GATING DEVICE. AS WITH THE OTHERS, TERMINAL IS NOT PART OF LENGTH OF NEED SOCKETED CONCRETE FOUNDATION OR MOW STRIP
00811.11	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	
00820.00	CONCRETE BARRIER, MOVABLE	QUICK CHANGE MOVABLE BARRIER	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	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.
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

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00830.00	IMPACT ATTENUATOR, G PERMANENT MASH TL-2 RE-DIRECTIVE, 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	WIIDTHS 24" 13' LENGTH + TRANSITION
00830.00	IMPACT ATTENUATOR, G PERMANENT MASH TL-2 RE-DIRECTIVE, NON GATING.	TAU-M PARALLEL	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	01/29/19	5173	Q	LENGTH 14' 2" WIDTH 30"
00830.00	IMPACT ATTENUATOR, H PERMANENT MASH TL-3 RE-DIRECTIVE, NON GATING.	TAU-M PARALLEL	LINDSAY TRANSPORTATION SOLUTIONS, LLC 707/374-6800	01/29/19	5173	Q	LENGTH 22' 9" WIDTH 30"
00830.00	IMPACT ATTENUATOR, J PERMANENT MASH TL-3 RE-DIRECTIVE, NON GATING	QUADGUARD ELITE M10 (8 BAY)	TRINITY HIGHWAY PRODUCTS, LLC 916/644-9102 CORAL SALES COMPANY 503/655-6351	08/18/16	4981	Q	LENGTH 27' 2" WIDTH 24"
00830.00	IMPACT ATTENUATOR, J PERMANENT, NARROW MASH TL-3 RE-DIRECTIVE, 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. NARROW WIIDTHS 24" 22' LENGTH + TRANSITION
00830.00	IMPACT ATTENUATOR, J PERMANENT, NARROW MASH 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. LENGTH: 21'6"
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 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

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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 2	SHUR-FLEX DELINEATOR SD0031	SHUR-TITE PRODUCTS 512/218-9500	07/03/17	5058	A	REFLECTIVE SURFACE TO BE 4 INCHES TALL
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
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 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 TRAFFIC SAFETY 800/547-8518	07/09/98	1636	A	NTPEP TEST DATA LOOKED GOOD FOR STAND ALONE APPLICATIONS.

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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 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 TRAFFIC SAFETY 800/547-8518	08/10/00	2267	A	PRISMATIC PLASTIC UNITS MOUNTED ON FRONT OF PLASTIC FLANGE.
00840.10	DELINEATOR - TYPE 6 BUTTERFLY	BUTTERFLY GR MARKER MODEL 8BO HI AND DG SHEETING	PEXCO LLC-DAVIDSON TRAFFIC 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 TRAFFIC SAFETY 800/547-8518	06/09/11	4343	A	BOLTED ON VERSION DO NOT ATTACH TO POST BOLT
00840.10	DELINEATOR - TYPE 6 BUTTERFLY	BUTTERFLY GR MARKER MODEL 8GO HI AND DG SHEETING	PEXCO LLC-DAVIDSON TRAFFIC 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 TRAFFIC SAFETY 800/547-8518	06/09/11	4344	A	GLUED ON VERSION DO NOT ATTACH TO POST BOLT
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. DO NOT ATTACH TO POST BOLT
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 DO NOT ATTACH TO POST BOLT

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00840.10	DELINEATOR - TYPE 6 BUTTERFLY FOR GUARDRAIL	GBD12 HI AND DG SHEETING	ARTUK INC. 847/841-7050	12/05/18	5125	A	BOLTED ON BANJO SLOT FOR BOLT 12 GAUGE GAURDRAIL MATERIAL DO NOT ATTACH TO POST BOLT
00840.10	DELINEATOR REFLECTOR CENTER MOUNT FOR TYPES 1, 1U, & 4A2	3" CIRCULAR DISC	IRWIN HODSON COMPANY 503/419-4624	08/19/16	4889	A	ALUMINUM SIGN SUBSTRATE UNDER REFLECTIVE SHEETING, 3-M DIAMOND GRADE ROUND.
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	SWARCO (AASHTO TYPE 1 M247)	SWARCO INDUSTRIES 931/388-5900 MARK COLOMBO: 314/729-7197 MFG: 254/562-9879 TECH: 314/729-7197	07/20/17	5060	A	AASHTO M247-TYPE 1. COATED FOR PAINT AND THERMOPLASTIC
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.
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	PERMANENT APPLICATIONS ONLY. TEST BY LOT. USE JACKETED DOUBLE BOILER W/ AGITATION

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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	PERMANENT APPLICATIONS ONLY. TEST BY LOT. USE JACKETED DOUBLE BOILER W/ AGITATION
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	TEMPORARY APPLICATIONS ONLY.
00855.00	MARKER ADHESIVE - BITUMIN STANDARD	EVERGRIP-OR # 172542	GULF STATES ASPHALT CO. VERNON TURNER 800/662-0987	09/14/00	1807	Q	TEMPORARY APPLICATIONS ONLY.
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	TEMPORARY APPLICATIONS ONLY.
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, RECESSED TYPE 1AR REFLECTORIZED ABRASIVE RESISTANT	3-M 290 SERIES	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	03/22/12	1632	A	SIZE 4" X 3.5" X 0.6" NOMINAL USE EPOXY ADHESIVE USE FLEX BIT ADHESIVE
00855.00	PAVEMENT MARKER, RECESSED TYPE 1AR, REFLECTORIZED.	STIMSONITE C40	ENNIS-FLINT 336/475-6600	01/03/19	5163	A	SIZE 4" X 1.9" X 0.5" NOMINAL USE FLEX BIT ADHESIVE REFLECTOR BODY WILL BE YELLOW OR WHITE TO MATCH THE PRIMARY LENS. NO BLACK BODY

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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 ABRASIVE RESISTANT	3-M 290 SERIES	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	03/22/12	1632	A	SIZE 4" X 3.5" X 0.6" NOMINAL USE EPOXY ADHESIVE USE FLEX BIT ADHESIVE
00855.00	PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED ABRASIVE RESISTANT	3-M 290 SERIES	3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160	03/22/12	1632	A	SIZE 4" X 3.5" X 0.6" NOMINAL USE EPOXY ADHESIVE USE FLEX BIT ADHESIVE
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 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 18" & 24" FOR ADA USE ONLY
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	CITY POST	PEXCO LLC - DAVIDSON TRAFFIC 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 TRAFFIC SAFETY 800/547-8518	05/15/17	5030	Q	28", 36", 48" TALL WHITE & YELLOW SOCKET AND SCREW IN MOUNTING

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00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	CITY POST (SM) SURFACE MOUNT	PEXCO LLC - DAVIDSON TRAFFIC 877/335-4638 STEVE LOOP 253/284-8000 CRAIG SCHULZ 253/284-8005 TRAFFIC SAFETY 800/547-8518	11/22/16	5005	Q	28", 36", 48" TALL WHITE & YELLOW 18" & 24" FOR ADA USE ONLY
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 18" & 24" FOR ADA USE ONLY
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	TD5200-526963YFB	THREE D TRAFFIC WORKS 877/843-9757	04/14/11	3707	Q	YELLOW - 36" TALL 18" & 24" FOR ADA USE ONLY
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	TD5200-527223WFB/527223YFB	THREE D TRAFFIC WORKS 877/843-9757	04/14/11	3596	Q	48" TALL 18" & 24" FOR ADA USE ONLY
00856.10	MARKERS, TUBULAR SURFACE MOUNTED PERMANENT	DURAPOST	SAFE-HIT CORP. 888/323-6374 DAN MCCARTHY 760/295-2699	01/21/14	1182	Q	28", 36" TALL 100% URETHANE PLASTIC, PIN AT BASE HOLDS TOP ON. PRODUCT IS 3" DIA. 18" & 24" FOR ADA USE ONLY
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	HIGH BUILD WATERBORNE TRAFFIC PAINT 1116 YELLOW	SWARCO/COLORADO PAINT COPANY 303/388-9265	09/19/16	4998	A	

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00860.00	LONGITUDINAL PAINT WATERBORNE	HIGH BUILD WATERBORNE TRAFFIC PAINT 1110 WHITE	SWARCO/COLORADO PAINT COPANY 303/388-9265	09/19/16	4997	A	
00860.00	LONGITUDINAL PAINT WATERBORNE	LOW TEMP WATERBORNE TRAFFIC PAINT 985351 WHITE, 985352 YELLOW	ENNIS PAINT 800/331-8118	12/12/16	5019	A	
00860.00	LONGITUDINAL PAINT WATERBORNE	SHERWIN-WILLIAMS HOTLINE TM2152 (5 GAL) TM2248 (55-275 GAL)	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 WAS COLUMBIA 17-123 WW
00860.00	LONGITUDINAL PAINT WATERBORNE	SHERWIN-WILLIAMS HOTLINE TM2153 (5 GAL) TM2259 (55-275 GAL)	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 WAS COLUMBIA 17-123 CC
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
00860.00	LONGITUDINAL PAINT WATERBORNE	WATERBORNE TRAFFIC PAINT 1160 WHITE	SWARCO/COLORADO PAINT COPANY 303/388-9265	09/19/16	4999	A	
00860.00	LONGITUDINAL PAINT WATERBORNE	WATERBORNE TRAFFIC PAINT 1166 YELLOW	SWARCO/COLORADO PAINT COPANY 303/388-9265	09/19/16	5000	A	
00860.00	LONGITUDINAL PAINT WATERBORNE	WATERBORNE TRAFFIC PAINT LOW TEMPERATURE 1196 YELLOW	SWARCO/COLORADO PAINT COPANY 303/388-9265	09/19/16	5002	A	

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00860.00	LONGITUDINAL PAINT WATERBORNE	WATERBORNE TRAFFIC PAINT LOW TEMPERATURE 1190 WHITE	SWARCO/COLORADO PAINT COPANY 303/388-9265	09/19/16	5001	A	
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 METHYL METHACRYLATE	EXTRABRITE (WHITE AND YELLOW)	BRITE PATH CORPORATION 503/285-8271	04/16/18	3825	Q	INTEGRAL BEADS: TYPE 1 DROP BEADS SWARCO 3132 50% SWARCOPLUS 9 50% 0.8#/10FT^2
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED METHYL METHACRYLATE	ROADZILLA MMA 4:1 (WHITE AND YELLOW)	AEXCEL CORPORATION 440/974-3800	06/28/18	4228	Q	25W-G011 WHITE, 25Y-G014 YELLOW 95W-D011 CATALYST BEADS: INTEGRAL TYPE 1 DROP: SWARCO 3132 1.2#/FT^2
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED MMA	ALTA ALL SEASON MMA ASM-651E YELLOW	ALTA TRAFFIC SOLUTIONS 503/482-7500	12/18/18	4461	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3132 8#/100ft2 3M SERIES 50 6.6#/100ft2
00865.00	METHOD A EXTRUDED GROOVED NON-PROFILED MMA	ALTA ALL SEASON MMA ASM-650E WHITE	ALTA TRAFFIC SOLUTIONS 503/482-7500	12/18/18	4460	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3132 8#/100ft2 3M SERIES 50 6.6#/100ft2

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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.
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	ALTA ALL SEASON THERMOPLASTIC 250E WHITE & 251E YELLOW	ALTA TRAFFIC SOLUTIONS 503/482-7500	07/20/17	5062	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3130 3M SERIES 90
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	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
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.

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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 METHYL METHACRYLATE	EXTRABRITE (WHITE AND YELLOW)	BRITE PATH CORPORATION 503/285-8271	04/16/18	3825	Q	INTEGRAL BEADS: TYPE 1 DROP BEADS SWARCO 3132 50% SWARCOPLUS 9 50% 0.8#/10FT^2
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED METHYL METHACRYLATE	ROADZILLA MMA 4:1 (WHITE AND YELLOW)	AEXCEL CORPORATION 440/974-3800	06/28/18	4228	Q	25W-G011 WHITE, 25Y-G014 YELLOW 95W-D011 CATALYST BEADS: INTEGRAL TYPE 1 DROP: SWARCO 3132 1.2#/FT^2
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED MMA	ALTA ALL SEASON MMA ASM-650E WHITE	ALTA TRAFFIC SOLUTIONS 503/482-7500	12/18/18	4460	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3132 8#/100ft2 3M SERIES 50 6.6#/100ft2
00865.00	METHOD A EXTRUDED SURFACE NON-PROFILED MMA	ALTA ALL SEASON MMA ASM-651E YELLOW	ALTA TRAFFIC SOLUTIONS 503/482-7500	12/18/18	4461	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3132 8#/100ft2 3M SERIES 50 6.6#/100ft2
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	ALTA ALL SEASON THERMOPLASTIC 250E WHITE & 251E YELLOW	ALTA TRAFFIC SOLUTIONS 503/482-7500	07/20/17	5062	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3130 3M SERIES 90

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JULY 2020 (AMENDED FOR 2021 SPECIFICATIONS)**

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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	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.
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

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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	PROBRITE (WHITE AND YELLOW)	BRITE PATH CORPORATION 503/285-8271	04/16/18	3824	Q	INTEGRAL BEADS: TYPE 1 DROP BEADS SWARCO 3132 50% SWARCOPLUS 9 50% 0.8#/10FT^2
00865.00	METHOD A EXTRUDED SURFACE PROFILED METHYL METHACRYLATE	ROADZILLA MMA 4:1 (WHITE AND YELLOW)	AEXCEL CORPORATION 440/974-3800	06/28/18	4228	Q	25W-G007PRO WHITE, 25Y-G006PRO YELLOW 95W-D006PRO CATALYST BEADS: INTEGRAL TYPE 1 DROP: SWARCO 3132 1.2#/FT^2
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 GROOVED NON-PROFILED METHYL METHACRYLATE	SPRAYBRITE (WHITE AND YELLOW)	BRITE PATH CORPORATION 503/285-8271	04/16/18	3826	Q	INTEGRAL BEADS: TYPE 1 DROP BEADS SWARCO 3132 50% SWARCOPLUS 9 50% 0.8#/10FT^2
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.

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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.
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	ALTA ALL SEASON THERMOPLASTIC 250E WHITE & 251E YELLOW	ALTA TRAFFIC SOLUTIONS 503/482-7500	07/20/17	5062	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3130 3M SERIES 90
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 B SPRAYED SURFACE NON-PROFILED METHYL METHACRYLATE	SPRAYBRITE (WHITE AND YELLOW)	BRITE PATH CORPORATION 503/285-8271	04/16/18	3826	Q	INTEGRAL BEADS: TYPE 1 DROP BEADS SWARCO 3132 50% SWARCOPLUS 9 50% 0.8#/10FT^2

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00865.00	METHOD B SPRAYED SURFACE NON-PROFILED MMA	ALTA ALL SEASON MMA ASM-651E YELLOW	ALTA TRAFFIC SOLUTIONS 503/482-7500	12/18/18	4461	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3132 8#/100ft2 3M SERIES 50 6.6#/100ft2
00865.00	METHOD B SPRAYED SURFACE NON-PROFILED MMA	ALTA ALL SEASON MMA ASM-650E WHITE	ALTA TRAFFIC SOLUTIONS 503/482-7500	12/18/18	4460	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3132 8#/100ft2 3M SERIES 50 6.6#/100ft2
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-CRYSTALLINE BEADS 3-M SERIES 380-5AW CONTRAST WAS METHOD G
00865.00	METHOD D WET WEATHER EXTRUDED/GROOVED NON-PROFILED MMA	ALTA ALL SEASON MMA ASM-650E WHITE	ALTA TRAFFIC SOLUTIONS 503/482-7500	12/18/18	4460	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3132 8#/100ft2 3M SERIES 50 6.6#/100ft2
00865.00	METHOD D WET WEATHER EXTRUDED/GROOVED NON-PROFILED MMA	ALTA ALL SEASON MMA ASM-651E YELLOW	ALTA TRAFFIC SOLUTIONS 503/482-7500	12/18/18	4461	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3132 8#/100ft2 3M SERIES 50 6.6#/100ft2
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.

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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/GROOVED NON-PROFILED THERMOPLASTIC	ALTA ALL SEASON THERMOPLASTIC 250E WHITE & 251E YELLOW	ALTA TRAFFIC SOLUTIONS 503/482-7500	07/20/17	5062	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3130 3M SERIES 90
00865.00	METHOD D WET WEATHER EXTRUDED/SURFACE NON-PROFILED MMA	ALTA ALL SEASON MMA ASM-650E WHITE	ALTA TRAFFIC SOLUTIONS 503/482-7500	12/18/18	4460	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3132 8#/100ft2 3M SERIES 50 6.6#/100ft2
00865.00	METHOD D WET WEATHER EXTRUDED/SURFACE NON-PROFILED MMA	ALTA ALL SEASON MMA ASM-651E YELLOW	ALTA TRAFFIC SOLUTIONS 503/482-7500	12/18/18	4461	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3132 8#/100ft2 3M SERIES 50 6.6#/100ft2
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 EXTRUDED/SURFACE NON-PROFILED THERMOPLASTIC	ALTA ALL SEASON THERMOPLASTIC 250E WHITE & 251E YELLOW	ALTA TRAFFIC SOLUTIONS 503/482-7500	07/20/17	5062	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3130 3M SERIES 90
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.

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00865.00	METHOD D WET WEATHER SPRAYED/GROOVED NON-PROFILED THERMOPLASTIC	ALTA ALL SEASON THERMOPLASTIC 250E WHITE & 251E YELLOW	ALTA TRAFFIC SOLUTIONS 503/482-7500	07/20/17	5062	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3130 3M SERIES 90
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.
00865.00	METHOD D WET WEATHER SPRAYED/SURFACE NON-PROFILED THERMOPLASTIC	ALTA ALL SEASON THERMOPLASTIC 250E WHITE & 251E YELLOW	ALTA TRAFFIC SOLUTIONS 503/482-7500	07/20/17	5062	Q	INTEGRAL BEADS AASHTO M247 TYPE 1 DROP ON BEADS SWARCO 3130 3M SERIES 90
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
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 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.

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QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
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<u>STANDARD SPEC #</u>	<u>CATEGORY</u>	<u>PRODUCT NAME</u>	<u>LOCAL REPRESENTATIVE AND/OR MANUFACTURER</u>	<u>EFFECTIVE DATE</u>	<u>PRODUCT NUMBER</u>	<u>LIST</u>	<u>REMARKS</u>
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 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
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 PREFORMED THERMOPLASTIC 125 MILS	PREMARK XF	FLINT TRADING INC-(DBA) ENNIS-FLINT 336/475-6600 STACY SEMANSKEE 425/760-4452	03/03/20	5064	Q	NO PRE-HEAT WHITE (FNP125-397W-6) YELLOW (FNP125-397Y-6)
00867.00	TRANSVERSE MARKING TYPE B STANDARD TYPE B-HS HIGH SKID 125 MILS	PREMARK XF VIZIGRIP	FLINT TRADING INC-(DBA) ENNIS-FLINT 336/475-6600 STACY SEMANSKEE 425/760-4452	03/03/20	5065	Q	NO PRE-HEAT WHITE (FNP125-397WVG-6)
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

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00867.00	TRANSVERSE MARKINGS TYPE B STANDARD PREFORMED THERMO 125 MILS	OPTAMARK	GEVEKO MARKINGS 770/543-8438	01/10/17	5020	Q	NO PRE-HEAT WHITE AND YELLOW
00867.00	TRANSVERSE MARKINGS TYPE B STANDARD PREFORMED THERMO 125 MILS	SWARCO PREFORMED THERMOPLASTIC	SWARCO INDUSTRIES 931/388-5900 MARK COLOMBO: 314/729-7197 MFG: 254/562-9879 TECH: 314/729-7197	03/09/20	5063	Q	NO PRE-HEAT WHITE AND YELLOW
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
00867.00	TRANSVERSE MARKINGS TYPE B STANDARD TYPE B-HS HIGH SKID PREFORMED THERMO 125 MILS	OPTATRAC (OPTAMARK WITH OPTATRAC)	GEVEKO MARKINGS 770/543-8438	07/06/17	5061	Q	NO PRE-HEAT WHITE AND YELLOW
00868.00	COLORED LANE MARKING	ALTA-GRIP AG-50	ALTA TRAFFIC SOLUTIONS 503/482-7500	06/21/19	5208	Q	ODOT APPROVED COLOR IS GREEN.
00868.00	COLORED LANE MARKING	COLORSAFE	TRANSPO INDUSTRIES 914/636-1000	06/21/19	5207	Q	ODOT APPROVED COLOR IS GREEN.
00868.00	COLORED LANE MARKING	CYCLEGRIP MMAXX 999660G	ENNIS-FLINT 336/475-6600	06/21/19	5210	Q	ODOT APPROVED COLOR IS GREEN.
00868.00	COLORED LANE MARKING	PREMARK BIKE LANE GREEN	ENNIS-FLINT 336/475-6600	06/21/19	5209	Q	ODOT APPROVED COLOR IS GREEN.
00907.10	BIRD SPIKES	BIRD SPIKE 2001	BIRD-B-GONE 800/392-6915	02/14/02	2523	A	STAINLESS STEEL VERSION.

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00907.10	BIRD SPIKES	NIXALITE MODEL S	NIXALITE OF AMERICA INC. 800/624-1189	02/14/02	2522	A	STAINLESS STEEL VERSION.
00930.00	PSST - SIGN SUPPORT	ANCHOR TUBE HEAVY WALL ANCHOR 2 1/2" & 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
00930.00	PSST - SIGN SUPPORT	SQR-LOC PERFORATED SQUARE TRAFFIC POST	TRINITY HIGHWAY PRODUCTS, LLC. 214-801-4908	08/08/17	5053	A	G90, 10 GAUGE 2 1/2" G90, 12 GAUGE, 1 1/2", 1 3/4", 2" 2 1/4"
00930.00	PSST - SIGN SUPPORT	TELESPAR	ALLIED TUBE & CONDUIT 708/225-2121 TRAFFIC SAFETY 800/547-8518	04/14/16	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)

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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	BIOPOD BIOFILTER SYSTEM 14 MODELS	OLDCASTLE INFRASTRUCTURE 707/387-5633	12/20/19	5225	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION. 1.6 GMP/SQFT OF MEDIA, SA MEDIA MIN 18IN
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.
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-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	

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01010.03	SCF-PHOSPHOROUS TREATMENT STORMWATER CONTROL FACIL	BAY FILTER	ADANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731 WAS BAY SAVER, INC	07/10/08	3588	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-PHOSPHOROUS TREATMENT STORMWATER CONTROL FACIL	BIOPOD BIOFILTER SYSTEM 14 MODELS	OLDCASTLE INFRASTRUCTURE 707/387-5633	12/20/19	5225	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION. 1.6 GMP/SQFT OF MEDIA, SA MEDIA MIN 18IN
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-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	
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 PRE-TREATMENT 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.

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01010.03	SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL	BAY FILTER	ADANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731 WAS BAY SAVER, INC	07/10/08	3588	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.
01010.03	SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL	BIOPOD BIOFILTER SYSTEM 14 MODELS	OLDCASTLE INFRASTRUCTURE 707/387-5633	12/20/19	5225	A	CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION. 1.6 GMP/SQFT OF MEDIA, SA MEDIA MIN 18IN
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.
01030.15A	MULCHES TEMPORARY	RAINIER FIBER	RAINIER VENEER INC FIBER MARKETING INT INC 206/459/4942	02/16/11	4346	A	
01030.15A	MULCHES TEMPORARY W/TACK	RAINIER FIBER + TAC	RAINIER VENEER INC FIBER MARKETING INT INC 206/459/4942	02/16/11	4347	A	

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01030.15A	MULCHES, TEMPORARY	AIRTROL GEOBINDER	USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594	07/09/09	3905	A	
01030.15A	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
01030.15A	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
01030.15A	MULCHES, TEMPORARY	CONWED 1000	PROFILE PRODUCTS 847/215-1144 DAMON SUMP 503/537-8462 ACF WEST 800/878-5115	07/13/06	3316	A	
01030.15A	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
01030.15A	MULCHES, TEMPORARY	EARTH BARRIER MBFM	AGRIVESTMENTS 253/383-5014	08/14/08	3670	A	
01030.15A	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.
01030.15A	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.
01030.15A	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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01030.15A	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	
01030.15A	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	
01030.15A	MULCHES, TEMPORARY	ENVIROPAM L	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	A	WAS NAMED HYDRAPAM
01030.15A	MULCHES, TEMPORARY	ENVIROPAM(L) LIQUID	INNOVATIVE TURF SOLUTIONS 513/317-8311	03/10/11	4318	A	WAS NAMED HYDRAPAM (L)
01030.15A	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.
01030.15A	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.
01030.15A	MULCHES, TEMPORARY	GEOSKIN	MULCH & SEED INNOVATION 205/540-5775	08/13/09	3897	A	85% STRAW & 15% COTTON PLANT MATERIAL.
01030.15A	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.
01030.15A	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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01030.15A	MULCHES, TEMPORARY	GROUNDCONTROL HY-C3 STRAW & COTTON	EAST COAST EROSION CONTROL 610/488-8496	05/03/13	4619	A	HYDRAULICALLY APPLIED
01030.15A	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.
01030.15A	MULCHES, TEMPORARY	HYDROSPRAY	CELLULOSE FIBER 253/627-8008 EMERALD SEED & SUPPLY 541/504-0307	11/09/06	3063	A	INSTALL PER 01030.48(A)3.
01030.15A	MULCHES, TEMPORARY	HYDROSTRAW ALL IN 1 BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 RON EDWARDS	07/09/15	4899	A	
01030.15A	MULCHES, TEMPORARY	HYDROSTRAW BONDED FIBER MATRIX	HYDROSTRAW 800/545-1755 RON EDWARDS	11/11/10	4164	A	
01030.15A	MULCHES, TEMPORARY	HYDROSTRAW GUAR PLUS FORMULA	HYDROSTRAW 800/545-1755 RON EDWARDS	11/11/10	4165	A	3% GUAR
01030.15A	MULCHES, TEMPORARY	MAT-FIBER	MAT, INC. 888/477-3028 CSI GEOSYNTHETICS 800/426-7976	01/13/05	2981	A	WOOD FIBER FOR HYDRO SEEDING
01030.15A	MULCHES, TEMPORARY	MAT-FIBER PLUS	MAT, INC. 888/477-3028 CSI GEOSYNTHETICS 800/426-7976	01/13/05	2982	A	WOOD FIBER FOR HYDRO SEEDING W/3% GUAR GUM TACKIFIER.
01030.15A	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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01030.15A	MULCHES, TEMPORARY	NATURESOWN MULCH W/TAC	HAMILTON MANUFACTURING 208/733-9689	02/27/12	4450	A	
01030.15A	MULCHES, TEMPORARY	PAM 12	ENCAP 877/405-5050	12/11/08	3545	A	PAPER/STRAW WITH TACKIFIER.
01030.15A	MULCHES, TEMPORARY	PERMAMATRIX BIOTIC SOIL AMENDM	SUNMARK ENVIRONMENTAL 503/241-7333	11/11/10	4218	A	
01030.15A	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
01030.15A	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
01030.15A	MULCHES, TEMPORARY	TURBOMULCH 70% WOOD	WESTERN EXCELSIOR 800/967-4009 GEOTEK 360/750-1955 DIST.: EMERALD SEED & SUPPLY	06/08/00	1804	A	WOOD FIBER, ORGANIC. W/O TACKIFIER. BIODEGRADABLE. 70% WOOD, 30% PAPER W/DYE.
01030.15A	MULCHES, TEMPORARY	WOODSTRAW	FOREST CONCEPTS 877/838-4759	12/13/07	3587	A	
01030.15A	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
01030.15A	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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01030.15A	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
01030.15A	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
01030.15A	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
01030.15A	MULCHING TEMPORARY	NATURESOWN EVOLUTION 70	HAMILTON MANUFACTURING INC 208/733/9689	08/04/11	4202	A	
01030.16	TACKIFIER	EARTH BIND 100	ENVIROAD 800/536-2650	05/14/09	3673	A	POSSIBLE PROBLEMS IN S.C. PER APEL (4/06).
01030.16	TACKIFIER	ECO E-TAC	APEX RESOURCES 502/254-3118 FIBER MARKETING 425/277-9966	07/13/06	3265	A	
01030.16	TACKIFIER	ECOTAC GUAR GG-1200	FIBER MARKETING 800/426-6002	04/09/09	3232	A	TAC ONLY, ORGANIC HYDROCOLLOID
01030.16	TACKIFIER	FIBERRX	HYDROSTRAW 800/545-1755 RON EDWARDS	01/21/14	4685	A	FOR USE WITH HYDRAULICALLY APPLIED
01030.16	TACKIFIER	FMI POWER TACK	APEX RESOURCES 502/254-3118 FIBER MARKETING 425/277-9966	07/13/06	3269	A	

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01030.16	TACKIFIER	M-BINDER	GRANITE SEED CO. 801/768-4422	04/14/05	2886	A	
01030.16	TACKIFIER LIQUID	TORTISHELL HPSS-550	TRI-ISO TRYLINE, LLC 714/501-4897 PACIFIC INTER-MOUNTAIN DISTRIBUTION, LLC 406/407-5840	12/24/18	5171	A	
01040.17	SOIL BIO-AMENDMENT	BACTIFEED SOIL TREATMENT	TERRA SANA, LLC 801/556-3727 SPOIL YOUR SOIL, LLC 541/761-6958	06/12/18	5140	A	
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	

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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	
01040.17E	SOIL BIO-AMENDMENT MYCORRHIZAL	BIOTIC EARTH BLACK	VERDYOL PLANT RESEARCH 320/910-4800 ACF WEST 503/771-5115	05/30/13	4663	A	
01040.17E	SOIL BIO-AMENDMENT MYCORRHIZAL	FUSION	LSC ENVIRONMENTAL PRODUCTS 800/800-7671 HANES GEOCOMPONENTS 800/426-4976	06/19/19	5199	A	HYDRO. APPLIED, GAR, PAM STABILIZER SOIL BIO-AMENDMENTS
01040.17E	SOIL BIO-AMENDMENT MYCORRHIZAL	PROGANICS BIOTIC SOIL MEDIA (BSM)	PROFILE PRODUCTS LLC 800/508-8681 ACF WEST 503/771-5115	08/04/15	4897	A	
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.
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, II	CAL PORTLAND - MOJAVE CEMENT	CALPORTLAND COMPANY Kevin Wolf 503/535-7713	12/11/08	3724	A	

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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 I, II	NEVADA CEMENT	NEVADA CEMENT 775/575-2281 LAKEVIEW REDIMIX 541/947-2212	01/12/06	3229	A	SUBSTANCIALY MET AASHTO M85 TYPE I, DID NOT MEET TYPE II REQUIREMENTS.
02010.10	CEMENT, TYPE III	ASH GROVE CEMENT - MONTANA CITY	ASHGROVE CEMENT CO. DAVE BURG 503/207-2109	04/03/19	5189	A	MONTANA CITY AASHTO TYPE III
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	ASH GROVE CEMENT - CONCH - ZHANGJIAGANG	ASHGROVE CEMENT CO. DAVE BURG 503/207-2109	07/05/18	5150	A	CONCH - ZHANGJIAGANG AASHTO TYPES I, II
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	

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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.
02010.10	CEMENT, TYPES I, II, III	ASH GROVE CEMENT - SEATTLE	ASHGROVE CEMENT CO. DAVE BURG 503/207-2109	01/11/96	1472	A	SEATTLE PLANT ONLY. AASHTO TYPES I, II, III
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 IL	LAFARGE EXSHAW, ALBERTA	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	06/20/17	5056	A	TYPE IL
02010.20	CEMENT, TYPE IL	LAFARGE RICHMOND, BRITISH COLUMBIA	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	04/21/17	5015	A	TYPE IL
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

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02010.20	CEMENT, TYPE IT (L15)(S3)	LAFARGE MAXCEM (L15)(S30)	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	04/12/17	5016	A	SLAG & LIME STONE SEATTLE PLANT TYPE IL CEMENT 30% SLAG
02011.10	RAPID HARDENING HYDRAULIC CEMENT	RAPID SET CEMENT	CTS CEMENT MFG. COMPANY TONY TOMASINI 360/607-3553	11/11/19	5220	Q	
02015.20	PCC REPAIR	AQUAFIN PAVEMEND DOTLINE	AQUAFIN, INC 562/332-7111 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	05/22/18	5136	A	VERY RAPID SETTING
02015.20	PCC REPAIR	AQUAFIN PAVEMEND SL	AQUAFIN, INC 562/332-7111 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	05/22/18	5137	A	VERY RAPID SETTING
02015.20	PCC REPAIR	EUCOREPAIR SCC FAST	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	12/03/18	5168	A	VERY RAPID SETTING MINIMUM THICKNESS: 1 INCH
02015.20	PCC REPAIR	EXPRESS REPAIR	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	05/09/15	5121	A	VERY RAPID SETTING
02015.20	PCC REPAIR	FIVE STAR HIGHWAY PATCH FR	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 WHITE CAP 503/287-4151 MASONS SUPPLY 800/537-3407	11/16/17	5085	A	VERY RAPID SETTING
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

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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
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	PLANITOP 18	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	09/06/16	5003	A	VERY RAPID SETTING
02015.20	PCC REPAIR	PLANITOP 18 ES	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	09/06/16	5004	A	VERY RAPID SETTING
02015.20	PCC REPAIR	PLANITOP 18 TG	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	06/12/18	5141	A	VERY RAPID SETTING 8" MAX DEPTH, CONTACT MAPEI
02015.20	PCC REPAIR	RAPID SET D.O.T. REPAIR MIX	CTS CEMENT MFG. COMPANY TONY TOMASINI 360/607-3553 BASALITE-DUPONT 253/964-5000	07/14/11	1100	A	VERY RAPID SETTING RAPID SET CEMENT

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02015.20	PCC REPAIR	REPCON V/O	SPECICHEM LLC 206/714-3511 WHITECAP 503/287-4151	06/26/20	5221	A	RAPID SETTING
02015.20	PCC REPAIR	SIKAQUICK 2500	SIKA CORPORATION 800/933-7452	06/08/20	5271	A	VERY RAPID SETTING
02015.20	PCC REPAIR	SPEED CRETE 2028	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S SUPPLY 800/537-3407	10/09/08	2536	A	VERY RAPID SETTING
02015.20	PCC REPAIR	TARGET TRAFFIC PATCH FINE	TARGET PRODUCTS 604/551-4866 WHITECAP SUPPLY 503/287-4151 WILLIAMS FORM ENG. 503/286-3647	03/08/17	5034	A	VERY RAPID SETTING 1/2"-1" APPLICATIONS
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	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	03/10/11	4341	A	VERTICAL RAPID SETTING (WAS QUICKSET 20)
02015.20	PCC REPAIR	US SPEC R3	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	08/02/16	4974	A	VERY RAPID SETTING

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02015.20	PCC REPAIR	US SPEC STR MORTAR CI WAS STR MORTAR	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	01/13/11	4158	A	RAPID SETTING
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 TRANSPATCH	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	12/27/16	2860	A	VERY RAPID SETTING
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
02015.20	PCC REPAIR	US SPEC TRANSPATCH EXT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	12/27/16	5021	A	STANDARD SETTING
02015.20	PCC REPAIR	VERSASPEED 100	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	06/29/20	5246	A	VERY RAPID SETTING HAS MICRO FIBER
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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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

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02015.30	PCC REPAIR POLYMER MODIFIED	PAVE PATCH 3000	DAYTON SUPERIOR CORP. 800/745-3700	11/16/17	5090	A	VERY RAPID SETTING
02015.30	PCC REPAIR POLYMER MODIFIED	PLANITOP X	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	10/20/16	5006	A	VERY RAPID SETTING
02015.30	PCC REPAIR POLYMER MODIFIED	PLANITOP XS	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	10/20/16	5007	A	VERY RAPID SETTING
02015.30	PCC REPAIR POLYMER MODIFIED	PROSPEC BLENDCRETE	H.B. FULLER CONSTRUCTION PRODUCTS 630/952-1319 ALP SUPPLY 267/315-4295	10/29/18	5160	A	VERY RAPID SET
02015.30	PCC REPAIR POLYMER MODIFIED	PROSPEC PREMIUM PATCH 200 FIBER	H.B. FULLER CONSTRUCTION PRODUCTS 630/952-1319 ALP SUPPLY 267/315-4295	07/03/19	5203	A	VERY RAPID SET
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	SIKACRETE 211 SCC PLUS	SIKA CORPORATION 800/933-7452	06/08/20	5269	A	STANDARD SET
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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	10/09/08	3504	A	VERTICAL
02015.30	PCC REPAIR POLYMER MODIFIED	US SPEC V/O PATCH CI (WAS V/O PATCH 10/2017)	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
02015.40	PCC REPAIR HIGH PERFORMANCE	US SPEC STR MORTAR CI WAS STR MORTAR	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	01/13/11	4158	A	MINIMUM THICKNESS: 3 INCH
02015.50	PCC REPAIR, SURFACE	SILPRO RAECO SKIMWALL	SILPRO, LLC 800/343-1501	03/05/19	5175	A	SURFACE REPAIR SKIM COAT
02015.50	PCC REPAIR, SURFACE	TAMOSEAL	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	03/05/19	5176	A	SURFACE REPAIR SKIM COAT
02030.10	CONCRETE SCM-FLY ASH	BOUNDARY DAM CLASS F FLY ASH ESTEVAN SASKASHEWAN	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	CONCRETE SCM-FLY ASH	CENTRALIA FLY ASH - LAFARGE F	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	05/08/08	3620	Q	CLASS F
02030.10	CONCRETE SCM-FLY ASH	CLASS C FLY ASH - BOARDMAN MUST COME FROM BOARDMAN PLANT.	BORAL RESOURCES 239/565-2338	01/16/95	1463	Q	CLASS C

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02030.10	CONCRETE SCM-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	CONCRETE SCM-FLY ASH	COAL CREEK FLY ASH	BORAL RESOURCES 239/565-2338	05/11/06	3305	Q	CLASS F COMPANY NAME CHANGE PENDING (BORAL)
02030.10	CONCRETE SCM-FLY ASH	DELTA CLASS F FLY ASH	BORAL RESOURCES 239/565-2338	09/10/09	3953	Q	CLASS F INTERMOUNTAIN POWER PLANT; DELTA,UTAH. COMPANY NAME CHANGE PENDING (BORAL)
02030.10	CONCRETE SCM-FLY ASH	GENESEE G1/G2 CAPITAL POWER	CAPITAL POWER 780/969-8706 ENX INC 780/964-3739	09/20/19	5214	Q	CLAS F GENESEE GENERATOING STATION, WARBURG AB
02030.10	CONCRETE SCM-FLY ASH	JIM BRIDGER ASH	BORAL RESOURCES 239/565-2338	03/08/07	3449	Q	CLASS F COMPANY NAME CHANGE PENDING (BORAL)
02030.10	CONCRETE SCM-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	CONCRETE SCM-FLY ASH	MARTIN LAKE FLY ASH MARTIN (TX) LAKE POWER PLANT	BORAL RESOURCES 239/565-2338	02/11/10	4088	Q	CLASS F COMPANY NAME CHANGE PENDING (BORAL)
02030.10	CONCRETE SCM-FLY ASH	MICRON3	BORAL MATERIALS 210/349-4069	07/14/05	3095	Q	CLASS F ULTRA FINE GRIND
02030.10	CONCRETE SCM-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

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02030.10	CONCRETE SCM-FLY ASH	SUNDANCE CLASS F FLY ASH	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	05/08/08	3634	Q	CLASS F
02030.10	CONCRETE SCM-FLY ASH	WABAMUN FLY ASH	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	07/12/07	3528	Q	CLASS F WABAMUN, ALBERTA; CANADA.
02030.20	CONCRETE SCM-SILICA FUME (MICROSILICA)	CON-FUME SILICA FUME	CEMENTEC INDUSTRIES 403/720-6699	04/09/09	3820	Q	
02030.20	CONCRETE SCM-SILICA FUME (MICROSILICA)	EMS-970D	ELKEM MATERIALS 412/299-7229	09/10/09	3959	Q	
02030.20	CONCRETE SCM-SILICA FUME (MICROSILICA)	FERROATLANTICA -DSF	FRROATLANTICA RED INDUSTRIAL PRODUCTS 814/673-1552	07/09/09	3892	Q	WAS DISTRIBUTED BY ACT
02030.20	CONCRETE SCM-SILICA FUME (MICROSILICA)	FORCE 10,000D	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	12/09/04	3054	Q	
02030.20	CONCRETE SCM-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	CONCRETE SCM-SILICA FUME (MICROSILICA)	MICROSILICA SILICA FUME	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	03/19/18	5111	Q	
02030.20	CONCRETE SCM-SILICA FUME (MICROSILICA)	NORCHEM -DSF	NORCHEM 631/7248639 ACT 360/332-7060	12/23/15	4937	Q	

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02030.20	CONCRETE SCM-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	
02030.20	CONCRETE SCM-SILICA FUME (MICROSILICA)	SIKRETE-950DP	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330/495-0109	01/30/20	5231	Q	
02030.30	CONCRETE ADMIX - LATEX	MODIFIER A/NA	TRINSEO 989/636-2496	07/14/11	1305	Q	FOR LATEX MODIFIED CONCRETE OVERLAY
02030.30	CONCRETE ADMIX- 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
02030.40	CONCRETE SCM - GGBF (SLAG)	DURA SLAG	ASHGROVE CEMENT CO. DAVE BURG 503/207-2109	09/10/09	3970	Q	GROUND GRANULATED BLAST FURNACE SLAG.
02030.40	CONCRETE SCM - GGBF (SLAG)	LAFARGE NEWCEM	LAFARGE CORPORATION ROB SHOGREN 206/923-9953	09/08/05	3022	Q	GROUND GRANULATED BLAST FURNACE SLAG.
02030.40	CONCRETE SCM-GGBF (SLAG)	CALPORTLAND SLAG CEMENT	SAMPYO CORPORATION SOUTH KOREA CALPORTLAND 503/5357713	05/07/12	4491	Q	
02030.40	CONCRETE SCM-GGBF (SLAG)	LEHIGH SLAG CEMENT (NIPPON)	LEHIGH SOUTHWEST CEMENT COMPANY 925/348-4066 NIPPON STEEL CORPORATION	02/22/17	5039	Q	GROUND GRANULATED BLAST FURNACE SLAG.
02030.50	CONCRETE SCM - METAKAOLIN HI REACTIVITY	POWER POZZ	GRACE DAVISON 803/648-9575 ADVANCED CEMENT TECHNOLOGIES KEN MCPHALEN 360/332-7060	04/10/08	2676	Q	

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02030.60	CONCRETE SCM-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 HOOPEES 508/878-2397	01/09/97	1599	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	DARAVAIR 1000	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	04/11/02	2557	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	DARAVAIR AT30	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	05/10/07	3491	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	DARAVAIR PAVE 10	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	04/14/11	4270	A	SAME AS DARAVAIR 1000
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	DAREX II AEA	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S 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 MAC6	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S SUPPLY 800/537-3407	03/19/18	5113	A	

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02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	EUCON AIR MIX 200	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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
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	POLYCHEM AE	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	11/14/02	2545	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	POLYCHEM SA-50	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	03/21/19	5179	A	

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02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	POLYCHEM VR	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	11/14/02	2546	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	SIKA AEA-14	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/30/20	5234	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	SIKA AIR	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 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 CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 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 CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	03/10/11	4349	A	
02040.10	CHEMICAL ADMIXTURES AIR ENTRAINING AGENT	SIKACONTROL AIR-160	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	03/25/19	5186	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 150M	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	08/10/16	4972	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 HOOPEES 508/878-2397	07/09/13	4677	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	CLARENA MC2000	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	09/13/17	5068	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	CONCERA CP1124	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	05/22/18	5135	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	DARACEM 19	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 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 HOOPEES 508/878-2397	03/09/95	1294	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON HC WAS BORAL HC	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S SUPPLY 800/537-3407	07/12/01	1732	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON MR	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S SUPPLY 800/537-3407	01/12/06	2258	A	

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02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON NW WAS BORAL NW	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	05/01/88	2049	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON SE	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	06/12/18	5142	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON WR	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	01/12/06	2261	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	EUCON WR91	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	05/14/98	1731	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERGLENIUM 1466	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	3238	A	WAS PS 1466
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

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02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MASTERGLENIUM 7511	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	04/18/17	5050	A	
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	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 980	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	07/03/19	5201	A	
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 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

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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	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	04/14/05	2554	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MIRA 110	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	11/12/09	3992	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	MIRA 62	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	04/09/09	3850	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	PLASTOCRETE 100	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109	01/08/15	4839	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	PLASTOCRETE-250	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	12/03/18	5167	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	PLASTOL 6400	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	07/07/14	4794	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	PLASTOL 6420	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	04/07/16	4945	A	

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02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	POLYCHEM 400 NC	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	05/08/03	2549	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOCRETE 1000	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 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 CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 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	SISIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 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 CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 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 CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3252	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKA VISCOFLOW-2020	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109	06/12/18	4963	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKAMENT 475	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	10/20/16	5010	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKAMENT 686	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3249	A	

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02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	SIKAPLAST 300GP	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109	01/21/14	4719	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA 20	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	01/10/02	2484	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA 27	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	01/10/02	2473	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA 64	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	01/13/94	1078	A	
02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCER	WRDA 82	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 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 HOOPEES 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 HOOPEES 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 HOOPEES 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 HOOPEES 508/878-2397	01/08/09	3731	A	

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02040.10	CHEMICAL ADMIXTURES TYPE A ADMIXTURE WATER REDUCING	POLYCHEM SPC	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	03/21/19	5181	A	
02040.10	CHEMICAL ADMIXTURES TYPE B & D ADMIXTURE	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 HYDRATION STABILIZER ONLY. APPROVAL ON THE MIX DESIGN NEEDED. BRIDGE DECKS AND OVERLAYS.
02040.10	CHEMICAL ADMIXTURES TYPE B & D ADMIXTURE	RECOVER	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	12/09/04	1521	A	FOR USE AS HYDRATION STABILIZER ONLY. APPROVAL ON THE MIX DESIGN NEEDED. BRIDGE DECKS AND OVERLAYS.
02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	DARATARD 17	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 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
02040.10	CHEMICAL ADMIXTURES TYPE B ADMIXTURE SET RETARDER	PLASTIMENT	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330/495-0109 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 CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 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 CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109	06/14/16	4960	A	

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02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	ACCELGUARD 80 WAS EUCON CAN & BORAL CAN	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	07/12/01	1740	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	ACCELGUARD NCA	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	07/07/14	4797	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	ACCLGUARD G3	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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 HOOPEES 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 HOOPEES 508/878-2397	04/09/09	3849	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	DCI	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	02/13/92	543	A	CALCIUM NITRATE SOLUTION FOR SET ACCELERATION ONLY. LONG TERM EFFECTS AS A CORROSION INHIBITOR UNKNOWN.
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	EUCON CIA	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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

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02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	MASTERSSET 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 HOOPEES 508/878-2397	12/14/95	1406	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	POLYCHEM CI	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	02/13/03	2555	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	POLYCHEM SUPER SET	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	05/08/03	2551	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	SIKA CNI	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 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 CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3246	A	DO NOT USE WITH ANTI-SHRINK ADDITIVES.
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE ACCELERATOR	SIKASET NC	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3247	A	
02040.10	CHEMICAL ADMIXTURES TYPE C ADMIXTURE NON CHLORIDE	MASTERSSET 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 HOOPEES 508/878-2397	01/21/14	4711	A	CAPSULES (EGG)

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02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	DARAFILL BP	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	01/21/14	4712	A	
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	DARAFILL DRY	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	01/21/14	4710	A	
02040.10	CHEMICAL ADMIXTURES TYPE CLSM ADMIXTURE	EUCON EASY FILL	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S 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 WATER REDUCER / RETARDER	EUCON SE	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S SUPPLY 800/537-3407	10/29/18	5142	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER / RETARDER	V-MAR VSC 500	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 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 HOOPEES 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 HOOPEES 508/878-2397	04/14/11	4274	A	SAME AS WRDA 82

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02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER/RETARDER	EUCON WR	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	01/12/06	2261	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCER/RETARDER	EUCON WR91	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	DARATARD 17	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	05/01/88	1883	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON DS	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	09/09/04	2255	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON STASIS	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	03/21/19	5182	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	EUCON TR WAS BORAL TR	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	06/14/01	1735	A	

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02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	MASTERPOZZOLITH 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 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 CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 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 CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 MASONS SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	03/10/11	4351	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	PLASTIMENT XR	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109	06/14/16	4960	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	PLASTOCRETE-250	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	12/03/18	5167	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	POLYCHEM R	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	05/08/03	2550	A	
02040.10	CHEMICAL ADMIXTURES TYPE D ADMIXTURE WATER REDUCING RETARDER	SIKA TARD 440	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109	02/18/20	5230	A	

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02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	ACCELGUARD 80 WAS EUCON CAN & BORAL CAN	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	07/12/01	1740	A	
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	ACCELGUARD NCA	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	07/07/14	4797	A	
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	ACCLGUARD G3	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	05/08/03	2551	A	
02040.10	CHEMICAL ADMIXTURES TYPE E ADMIXTURE WATER REDUCER-ACCELERATOR	SIKASET NC	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 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 150M	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	08/10/16	4972	A	

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02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA 190	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 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 HOOPEES 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 HOOPEES 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 HOOPEES 508/878-2397	19/13/	4592	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	ADVA ITM750	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	07/03/19	5200	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	CLARENA MC2000	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	09/13/17	5068	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	DARACEM 55	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	11/12/09	1294	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	EUCON MR	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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 1466	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	10/12/06	3238	A	WAS PS 1466
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 7511	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	04/18/17	5050	A	
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	MASTERPOLYHEED 980	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	07/03/19	5201	A	

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02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MELCHEM	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	04/14/05	2554	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MIRA 110	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 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 HOOPEES 508/878-2397	04/09/09	3850	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	MIRA 95	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	05/27/15	4887	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	POLYCHEM SPC	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	03/21/19	5181	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER	SIKAMENT 475	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASON'S SUPPLY 800/537-3407	10/20/16	5010	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER FOR PRECAST/PRESTRESS	ADVA CAST 555	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 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 HOOPEES 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 HOOPEES 508/878-2397	03/10/11	4354	A	

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02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	ADVA CAST 585	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 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 HOOPEES 508/878-2397	07/14/11	4405	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	CONCERA SA8080	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	05/22/18	5134	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	EUCON 37	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	09/09/04	2260	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	EUCON RD2 WAS BORAL RD2	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	05/01/88	2049	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	EXP 950	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	12/03/18	5170	A	
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

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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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	04/07/16	4945	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	PLASTOL ULTRA 209	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	08/02/16	4967	A	
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 1000	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 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 CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3251	A	EXTENDED SLUMP LIFE: 60-90 MIN
02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 2110	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 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 CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3250	A	

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02040.10	CHEMICAL ADMIXTURES TYPE F ADMIXTURE HIGH RANGE WATER REDUCER SUPER-PLASTICIZER	SIKA VISCOCRETE 6100	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 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 CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	01/12/06	3249	A	
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 AIR-DETRAINING	MASTERSURE 1390 ADMIXTURE	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	11/14/17	5089	A	
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE RHEOLOGY MODIFER	VMAR F100	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	03/19/14	4757	A	
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE SHRINKAGE REDUCER	SIKA CONTROL NS	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	02/18/20	5229	A	TYPE S SHRINKAGE REDUCING ADMIXTURE
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE SHRINKAGE REDUCING	ECLIPSE 4500	GCP APPLIED TECHNOLOGIES INC. BOB HOOPEES 508/878-2397	02/10/11	3979	A	TYPE S SHRINKAGE REDUCING ADMIXTURE
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE SHRINKAGE REDUCING	EUCON SRA-XT	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	07/07/14	4791	A	TYPE S SHRINKAGE REDUCING ADMIXTURE

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02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE SHRINKAGE REDUCING	MASTERLIFE CRA 007	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	02/17/16	4941	A	TYPE S SHRINKAGE REDUCING ADMIXTURE
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE SHRINKAGE REDUCING	MASTERLIFE SRA 035	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	08/29/16	4982	A	TYPE S SHRINKAGE REDUCING ADMIXTURE
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE SHRINKAGE REDUCING	MASTERLIFE SRA 20	BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 DAVID MALINOFF 503/780-0580-7232	03/18/14	4754	A	TYPE S SHRINKAGE REDUCING ADMIXTURE
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE SHRINKAGE REDUCING	SIKA CONTROL-75	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109	06/14/16	4961	A	TYPE S SHRINKAGE REDUCING ADMIXTURE
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	SIKA STABILIZER 300SCC	SIKA CORPORATION 800/933-7452 NATE ARTMAN 330-495-0109 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	02/18/20	5233	A	
02040.10	CHEMICAL ADMIXTURES TYPE S ADMIXTURE VISCOSITY MODIFIER	VISCTROL	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	07/07/14	4792	A	
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	ADVA ITM750	GCP APPLIED TECHNOLOGIES INC. BOB HOOPES 508/878-2397	07/03/19	5200	A	

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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 NAME CHANGE 1-14
02045.10	SYNTHETIC FIBER REINFORCING MICRO	FIBERFORCE 150	ABC POLYMER INDUSTRIES, LLC 205/620-9889 LAURIE LEISCHNER 541/643-2555	10/20/16	5012	A	DOSE RATE OF 1.0 POUNDS PER CUBIC YARD FOR COMMERCIAL GRADE CONCRETE NOT FOR HIGH PERFORMANCE CONCRETE
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
02045.10	SYNTHETIC FIBER REINFORCING MICRO	SINTA M2219 WAS 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
02045.20	SYNTHETIC FIBER REINFORCING MACRO	FIBERFORCE 1000HP	ABC POLYMER INDUSTRIES, LLC 205/620-9889 LAURIE LEISCHNER 541/643-2555	03/19/18	5112	A	DOSE RATE OF 5 POUNDS PER CUBIC YARD FOR HIGH PERFORMANCE CONCRETE
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
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
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 HIGH PERFORMANCE CONCRETE

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02045.30	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
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. NOT FOR USE ON PCC PAVING UNLESS COLORED CONCRETE IS SPECIFIED TESTING REQUIRED ONLY FOR PCC PAVING
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. TESTING REQUIRED ONLY FOR PCC PAVING
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. TESTING REQUIRED ONLY FOR PCC PAVING
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. TESTING REQUIRED ONLY FOR PCC PAVING
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	 TESTING REQUIRED ONLY FOR PCC PAVING
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 TESTING REQUIRED ONLY FOR PCC PAVING
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 POLYETHYLENE 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 POLYETHYLENE FABRIC AS WITH BURLAP.

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02055.10	CONCRETE SURFACE RETARDER FORM SURFACES	FORMULA F SURFACE RETARDER	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	10/14/10	3559	A	OK FOR PLACEMENT ON FORMS TEST TO DETERMINE CURE TIME.
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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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.

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02055.10	CONCRETE SURFACE RETARDER FRESH CONCRETE SURFACES	SPECETCH	SPECICHEM LLC 816/968-5600 WHITE CAP 503/287-4151	06/13/14	4778	A	OK FOR PLACEMENT- FRESH CONCR. TEST TO DETERMINE CURE TIME.
02060.10	CONCRETE AND CRACK SEALER LOW MOD EPOXY	DURAL 50 LM	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	06/14/07	3447	A	
02060.10	CONCRETE 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	CONCRETE AND CRACK SEALER LOW MOD EPOXY	EP-100	E-CHEM LLC. 720/201-8810	08/10/16	4980	A	
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	CONCRETE 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	CONCRETE AND CRACK SEALER LOW-MOD EPOXY	PRO-POXY 40 FS	DAYTON SUPERIOR/UNITEX STEVE HACKWORTH 253/2450263 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	01/03/17	5029	A	2 PART EPOXY
02060.10	CONCRETE 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	CONCRETE 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

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02060.20	CONCRETE AND CRACK SEALER HIGH MOD EPOXY	CRACKBOND HEALER / SEALER	ADHESIVES TECHNOLOGY CORP 954/789-4764	10/29/18	5162	A	2 COMPONENT EPOXY FOLLOW MANUFACTURER'S TEMPERATURE REQUIREMENTS.
02060.20	CONCRETE AND CRACK SEALER HIGH MOD EPOXY	DURAL 335	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	03/10/05	1918	A	
02060.20	CONCRETE AND CRACK SEALER HIGH MOD EPOXY	EP-100 HM	E-CHEM 720/201-8810	08/02/16	4975	A	2 COMPONENT EPOXY 50°F MINIMUM APPLICATION
02060.20	CONCRETE 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	CONCRETE 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
02060.20	CONCRETE AND CRACK SEALER HIGH MOD HMWM	SIKA PRONTO 19TF	SIKA CORPORATION 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
02060.20	CONCRETE AND CRACK SEALER HIGH MOD HMWM	SURE SEAL HMWM	Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100	12/05/16	5018	A	3 COMPONENT, ACCELERATOR NOT TO BE USED
02060.30	CONCRETE SEALER WATER REPELLENT	BARCADE SILANE 100C	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	07/03/19	5205	A	100% SILANE 100% SILANE. ALBERTA DOT 1C, LIST APPROVED
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

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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	SIL-ACT ATS 100LV	ADVANCED CHEMICAL TECHNOLOGIES KEVIN BROWN 800/535-0433 JIM SULLIVAN 206/484-8236	05/09/18	5122	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	CRACKBOND 2100 MV WAS (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	DURAL 452 GEL	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASON'S SUPPLY 800/537-3407	03/17/14	4753	A	TYPE IV, GRADE 3 CLASS B & C
02070.10	BONDING AGENT, EPOXY	LIQUID ROC 500+	MKT FASTENING, LLC 501/676-2222	03/19/18	5104	A	TYPE IV, GRADE 3, CLASS B 7 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	RED HEAD C6+	ITW COMMERCIAL CONSTRUCTION NORTH AMERICA-RED HEAD 630/694-4855 206/450-4221	11/16/17	5091	A	TYPE IV, V GRADE 3 CLASS B & C
02070.10	BONDING AGENT, EPOXY	RED HEAD G5+	ITW COMMERCIAL CONSTRUCTION NORTH AMERICA-RED HEAD 630/694-4855 206/450-4221	09/29/17	5080	A	TYPE IV,V GRADE 3 CLASS B & C
02070.10	BONDING AGENT, EPOXY	SIKADUR 32 HI MOD	SIKA CORPORATION 800/933-7452 THAD BROWN 425/486-5916 ATLAS SUPPLY 800/806-7952 MASON'S SUPPLY 800/537-3407	12/10/09	505	A	TYPE V, GRADE 2, CLASS C
02070.10	BONDING AGENT, EPOXY	SPECPOXY 1000	SPECICHEM 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	SPECICHEM 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	SPECICHEM LLC 816/968-5600 WHITE CAP 503/287-4151	09/03/14	4833	A	TYPE IV, V GRADE 3 CLASS C

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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	ACRYLCOAT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WILLIAMS FORM 800/255-0560	11/16/17	5086	A	USE ABOVE 40 DEGREES F AND ABOVE 40 DEGREES FOR 48 HOURS CURE TIME.
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	
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.
02080.10	GROUT, EPOXY	EP15-GROUT	E-CHEM, LLC 505/217-2121	03/19/18	5108	A	
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	

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02080.20	GROUT, NON-EPOXY NON-SHRINK	EG GROUT	US MIX CO. 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	05/24/18	5139	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	EUCO NS GROUT	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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	HE GROUT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	09/13/17	5069	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	NC GROUT	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	04/11/06	1425	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	PLANIGROUT 712	MAPEI 954/246-8520 WILLIAMS FORM ENGINEERING CORP. 503/286-3647	08/30/16	4989	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	PROSPEC HIGH STRENGTH PRECISION GROUT	H.B. FULLER CONSTRUCTION PRODUCTS 331/255-6116 HD SUPPLY WHITECAP 503/287-4151	12/03/18	5169	A	

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02080.20	GROUT, NON-EPOXY NON-SHRINK	QUKRETE NON-SHRINK PRECISION GROUT 1585-00	THE QUIKRETE COMPANIES, LLC 412/759-1333	04/30/20	5222	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	SC MULTIPURPOSE GROUT	SPEC CHEM 913/371-8700 MASON'S 800/537-3407 WHITE CAP 800/456-7445	07/09/09	3494	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	SIKAGROUT 212	SIKA CORPORATION 800/933-7452 THAD BROWN 425/486-5917 ATLAS SUPPLY 800/806-7952 MASON'S SUPPLY 800/537-3407	12/10/09	546	A	
02080.20	GROUT, NON-EPOXY NON-SHRINK	TARGET PORTLAND EXPANDING GROUT	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	
02080.30	GROUT, KEYWAY	1107 ADVANTAGE GROUT	DAYTON SUPERIOR 800/745-3703 LISA WEAVER 937/866-0711 X44187	12/10/98	1427	A	

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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	
02080.30	GROUT, KEYWAY	EUCO NS GROUT	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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	HE GROUT	US MIX 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	09/13/17	5069	A	
02080.30	GROUT, KEYWAY	SIKAGROUT 212	SIKA CORPORATION 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 GROUT	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	

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02080.30	GROUT, KEYWAY CEMENTITIOUS	EG GROUT	US MIX CO. 800/397-9903 MEGAN LORD 503/267-1970 WESTSIDE CONCRETE 503/591-0203 WILLIAMS FORM 800/255-0560	05/24/18	5139	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, CEMENTITIOUS GROUT. 2/3 WATER WITH DRY GROUT MIX THOROUGHLY THAN ADD 1/3 WATER MIX 2-3MINUTES.
02080.30	GROUT, KEYWAY CEMENTITIOUS W/ FLYASH	NC GROUT	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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	

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QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2020 (AMENDED FOR 2021 SPECIFICATIONS)**

<u>STANDARD SPEC #</u>	<u>CATEGORY</u>	<u>PRODUCT NAME</u>	<u>LOCAL REPRESENTATIVE AND/OR MANUFACTURER</u>	<u>EFFECTIVE DATE</u>	<u>PRODUCT NUMBER</u>	<u>LIST</u>	<u>REMARKS</u>
02080.50	GROUT, TENDON - VR 0-20' VERTICAL RISE: 0 - 20'	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	
02080.60	GROUT, STRUCTURAL NON-EPOXY	1107 ADVANTAGE GROUT	DAYTON SUPERIOR 800/745-3703 LISA WEAVER 937/866-0711 X44187	12/10/98	1427	A	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.
02080.60	GROUT, STRUCTURAL NON-EPOXY	CRYSTEX	L & M CONSTRUCTION CHEMICALS 800/362-3331 OR 420/453-6600 BILL PAVITT 425/562-6076	07/09/09	319	A	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.
02080.60	GROUT, STRUCTURAL NON-EPOXY	EUCO NS GROUT	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	10/09/08	1233	A	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.
02080.60	GROUT, STRUCTURAL NON-EPOXY	FIVE STAR FLUID GROUT 100	FIVE STAR PRODUCT 800/243-2206 BRUCE HOLLIDAY 503/267-9515 MASONS SUPPLY 800/537-3407	11/06/15	4868	A	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.
02080.60	GROUT, STRUCTURAL NON-EPOXY	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	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.
02080.60	GROUT, STRUCTURAL NON-EPOXY	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	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.

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02080.60	GROUT, STRUCTURAL NON-EPOXY	NC GROUT	EUCLID CHEMICAL COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 MASONS SUPPLY 800/537-3407	04/11/06	1425	A	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.
02080.60	GROUT, STRUCTURAL NON-EPOXY	PROSPEC HIGH STRENGTH PRECISION GROUT	H.B. FULLER CONSTRUCTION PRODUCTS 331/255-6116 HD SUPPLY WHITECAP 503/287-4151	12/03/18	5169	A	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.
02080.60	GROUT, STRUCTURAL NON-EPOXY	SC MULTIPURPOSE GROUT	SPEC CHEM 913/371-8700 MASONS 800/537-3407 WHITE CAP 800/456-7445	07/09/09	3494	A	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.
02080.60	GROUT, STRUCTURAL NON-EPOXY	SIKAGROUT 212	SIKA CORPORATION 800/933-7452 THAD BROWN 425/486-5917 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/537-3407	12/10/09	546	A	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.
02080.60	GROUT, STRUCTURAL NON-EPOXY	TARGET PORTLAND EXPANDING GROUT	TARGET PRODUCTS 800/575-7700 WILLAMETTE GRYSTN 541/726-7666 WILLIAMS FORM ENG 800/255-0560	12/17/93	668	A	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.
02080.60	GROUT, STRUCTURAL NON-EPOXY	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	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.
02080.60	GROUT, STRUCTURAL NON-EPOXY	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	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.
02080.60	GROUT, STRUCTURAL NON-EPOXY	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	BRIDGE BEARINGS, BEARING PLATES OTHER LOAD BEARING APPLICATIONS.
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.

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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. NAPHTHENATE
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.
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

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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 EXTERIOR 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 COMPANY, THE 800/321-7628 DAVE DILLON 206/280-4576 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.
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.

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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	MIRAFI RS580I	TENCATE GEOSYNTHETICS JULIA DANIEL 706/693-1744	01/16/15	4858	Q	IF USED DELETE SUBGRADE GEO FABRIC BID ITEM IF APPLICABLE
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 SQ2020	TENSAR INTERNATIONAL CORP. 360/635-8418 ACF WEST 800/878-5115	03/31/17	5032	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.

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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.
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 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 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 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 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 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) 706/693-2226	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) 706/693-2226	05/13/10	3745	Q	ULTIMATE TENSILE: 4700 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2230 LB/FT (WSDOT STANDARD PRACTICE T925)

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02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 07XT - TENCATE	TENCATE (MIRAFI) 706/693-2226	05/13/10	3746	Q	ULTIMATE TENSILE: 5900 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2790 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	MIRAGRID 08XT - TENCATE	TENCATE (MIRAFI) 706/693-2226	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) 706/693-2226	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) 706/693-2226	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) 706/693-2226	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) 706/693-2226	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)

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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)
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)

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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)
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)

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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)
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 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 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 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 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 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 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 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)

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02320.10	GEOGRID - TYPE I MSEW	SG150	STRATA SYSTEMS 800/680-7750	05/12/11	4376	Q	ULTIMATE TENSILE: 1875 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 874 LB/FT (WSDOT STANDARD PRACTICE T925)
02320.10	GEOGRID - TYPE I MSEW	SG200	STRATA SYSTEMS 800/680-7750	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	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	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	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	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	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 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 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)

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02320.10	GEOGRID - TYPE I MSEW	UX01500HS	TENSAR EARTH TECH 800/292-4459 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)
02320.10	GEOGRID - TYPE I MSEW	UX01500MSE	TENSAR EARTH TECH 800/292-4459 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 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 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 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 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 DRAIN PIPE 4"-10"	ADS SINGLE WALL HDPE PERF. PIPE ADS DUAL ADS DUAL WALL HDPE PERF. PIPE	ADVANCED DRAINAGE SYSTEMS, INC LEROY LUCERO 971/235-1569 SCOTT GORDANIER 360/798-3731	12/02/16	5011	A	
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.

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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.
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" 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	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 - 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.
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.

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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	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 - 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)

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02415.20	POLY WT PIPE - CULVERT SOLID-WALL HDPE WT = WATER-TIGHT	ISCO SNAP TITE 10" - 63"	ISCO INDUSTRIES 800/345-4726	12/24/12	3695	A	
02415.20	POLY WT PIPE - STORM SOLID-WALL HDPE WT = WATER-TIGHT	ISCO SNAP TITE 10" - 63"	ISCO INDUSTRIES 800/345-4726	12/24/12	3695	A	
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 STRUCTURAL 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	NOMAFLEX	NOMACO 252/969-2970 ATLAS SUPPLY 800/806-7952	12/14/15	4935	A	POLYPROPYLENE CLOSED CELL
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	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	DOWSIL 902 RCS (WAS DOW 902 RCS)	DOW CORNING 866/768-8768 JASON SIKA 303/980-1780 ATLAS SUPPLY 800/806-7952	06/17/16	754	A	
02440.11	POURED JOINT SEALANT 2 PART SILICONE	SIKASIL728 RCS WAS BONDAFLEX SIL728 RCS	SIKA CORPORATION 800/933-7452 MASON SUPPLY 800/537-3407 ATLAS SUPPLY 800/806-7952	07/08/10	3163	A	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	A	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

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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
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	HOT APPLIED JOINT SEALANT	BERAM 195	MCASPHALT INDUSTRIES 800/268-4238 PHOENIX ASPHALT 503/289-6696	11/08/07	3538	A	
02440.30	HOT APPLIED JOINT SEALANT	CRAFCO ROADSAVER 201 PART #34201	CRAFCO INC. 800/528-8242 GREG SHARP 971/645-1826	12/09/04	476	A	
02440.30	HOT APPLIED JOINT SEALANT	CRAFCO ROADSAVER 221 PART #34221	CRAFCO INC. 800/528-8242 GREG SHARP 971/645-1826	12/09/04	2099	A	
02440.30	HOT APPLIED JOINT SEALANT	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	HOT APPLIED JOINT SEALANT	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	HOT APPLIED JOINT SEALANT	DURA-FILL 3405	P&T PRODUCTS, INC. 419/621-1966	09/29/17	5077	A	
02440.30	HOT APPLIED JOINT SEALANT	ELASTOFLEX 500	MAXWELL PRODUCTS 801/972-2090	10/14/04	2823	A	ASPHALTIC
02440.30	HOT APPLIED JOINT SEALANT	ELASTOFLEX 61	MAXWELL PRODUCTS 801/972-2090	10/14/04	1010	A	ASPHALTIC
02440.30	HOT APPLIED JOINT SEALANT	ELASTOFLEX 62	MAXWELL PRODUCTS 801/972-2090	10/14/04	1011	A	ASPHALTIC
02440.30	HOT APPLIED JOINT SEALANT	NUVO 3405	MAXWELL PRODUCTS 801/972-2090	07/09/09	3870	A	
02440.30	HOT APPLIED JOINT SEALANT	ROADSEAL 10312	ROADSEAL CANADA 604/451-0721 778/881-6984	01/14/10	4084	A	
02440.30	HOT APPLIED JOINT SEALANT	RP 3405 (WAS #3405 REGULAR - OR)	RIGHT / POINTE , LLC. 888/755-5700 815/754-5700 JIM SULLIVAN 206/484-8236	08/14/08	3672	A	
02440.30	HOT APPLIED JOINT SEALANT	SA 102	MAXWELL PRODUCTS 801/972-2090 SPECIAL ASPHALR PRODUCTS GARY COOK 503/295-6490	04/24/13	4609	A	ASPHALTIC
02440.30	HOT APPLIED JOINT SEALANT HOT POURED ASPHALTIC	QPR NXGEN HOT APPLIED CRACK SEALANT	THE QUIKRETE COMPANIES DBA QPR 423/637-2499 423/553-6877	01/30/20	5232	A	POLYMER MODIFIER ASPHALT CEMENT

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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
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	

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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
02450.30	MANHOLE STEPS	MA MANHOLE STEPS PS2-PF	MA INDUSTRIES 800/241-8250 PIPE INC 503/285-8391	04/11/02	72	A	
02510.25	HEADED BAR REINFORCEMENT	BARSPlice-BUTTONHEAD BNH 5AB	BARSPlice PRODUCTS INC, 4900 WEBSTER ST. DAYTON ON 45414 JONH STEVENSON 937/275-8700	04/02/18	4988	Q	#4 - #14 UP TO GRADE 80KSI BAR. SWAGED
02510.25	HEADED BAR REINFORCEMENT	BARSPlice-BUTTONHEAD BNH 10AB	BARSPlice PRODUCTS INC, 4900 WEBSTER ST. DAYTON ON 45414 JONH STEVENSON 937/275-8700	04/02/18	5115	Q	#4 - #11 UP TO GRADE 80KSI BAR. SWAGED
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	7000 SYSTEM COLD GALVANIZING COMPOUND	RUST-OLEUM CORPORATION 877/385-8155 FASTENAL 920/737-4771	08/29/16	4985	A	BRUSH OR SPRAY APPLICATION 3 MIL DRY FILM THICKNESS MINIMUM
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

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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	
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

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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	Q	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	Q	WHITE, YELLOW, ORANGE, BLUE, & GREEN. (NO FLUORESCENT ORANGE)
02910.20	SIGN SHEETING - TYPE IV ASTM D4956 PRISMATIC	94000 SERIES HIGH INTENSITY MICROPRISMATIC (H.I.M.)	NIPPON CARBIDE 800/821-4264 GEORGE TAMAYORI 562/777-1810	01/03/20	4684	Q	94802 WHITE, 94804 YELLOW, 94805 RED 94806 BLUE, 94807 ORANGE, 94808 GREEN
02910.20	SIGN SHEETING - TYPE IV ASTM D4956 PRISMATIC	AVERY DENNISON T-6500	AVERY DENNISON 800/327-5917	09/08/05	1525	Q	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	Q	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	Q	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	Q	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 DENNISON 240/925-6891	01/21/14	4502	Q	T-11500 WHITE, T-11501 YELLOW T-11507 GREEN, T-11508 RED T-11505 BLUE, T-11513 FL. YELLOW-GREEN T-11511 FL. YELLOW

*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.

**ODOT CONSTRUCTION / MATERIALS SECTION
QUALIFIED PRODUCTS LIST
APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
JULY 2020 (AMENDED FOR 2021 SPECIFICATIONS)**

<u>STANDARD SPEC #</u>	<u>CATEGORY</u>	<u>PRODUCT NAME</u>	<u>LOCAL REPRESENTATIVE AND/OR MANUFACTURER</u>	<u>EFFECTIVE DATE</u>	<u>PRODUCT NUMBER</u>	<u>LIST</u>	<u>REMARKS</u>
02910.20	SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC	ORALITE 7900 WIDE ANGLE PRISMATIC	ORAFOL AMERICAS, INC 860/676-7100	12/27/18	5094	Q	WHITE, BLUE, GREEN, YELLOW FLOR. YELLOW GREEN, FLOR. 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	Q	
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	Q	
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	Q	
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	Q	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.

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**ODOT CONSTRUCTION / MATERIALS SECTION
 QUALIFIED PRODUCTS LIST
 APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
 QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
 JULY 2020 (AMENDED FOR 2021 SPECIFICATIONS)**

<u>STANDARD SPEC #</u>	<u>CATEGORY</u>	<u>PRODUCT NAME</u>	<u>LOCAL REPRESENTATIVE AND/OR MANUFACTURER</u>	<u>EFFECTIVE DATE</u>	<u>PRODUCT NUMBER</u>	<u>LIST</u>	<u>REMARKS</u>
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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 LIST PUBLISHED BY: ODOT MATERIALS LAB; 800 AIRPORT RD SE; SALEM, OR 97301-4798; (503) 986-3059. PLEASE REPORT ANY PROBLEMS USING THESE PRODUCTS.

Appendix A—Approved Reinforcing Steel Producers

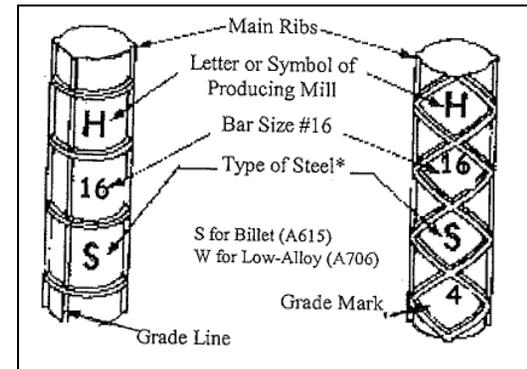
The ASTM specifications for billet-steel and low-alloy reinforcing bars (A615 and A706, respectively) require identification marks to be rolled into the surface of one side of the bar to denote the producer’s mill designation, bar size, type of steel and minimum yield designation. Grade 420 bars show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

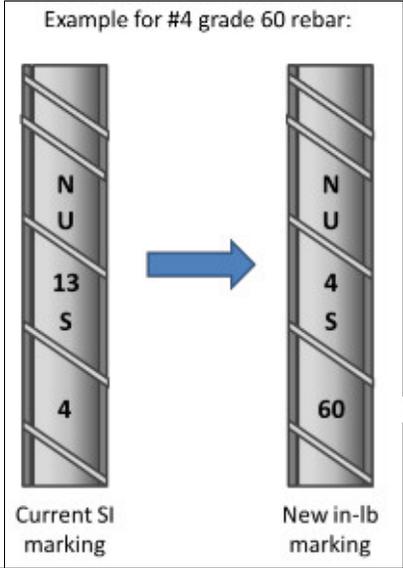
A grade line is smaller and is located between the two main ribs, which are on opposite sides of all bars made in the United States. A grade line must be continued through at least 5 deformation spaces, and it may be placed on the side of the bar opposite the bar marks. A grade mark is the fourth mark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

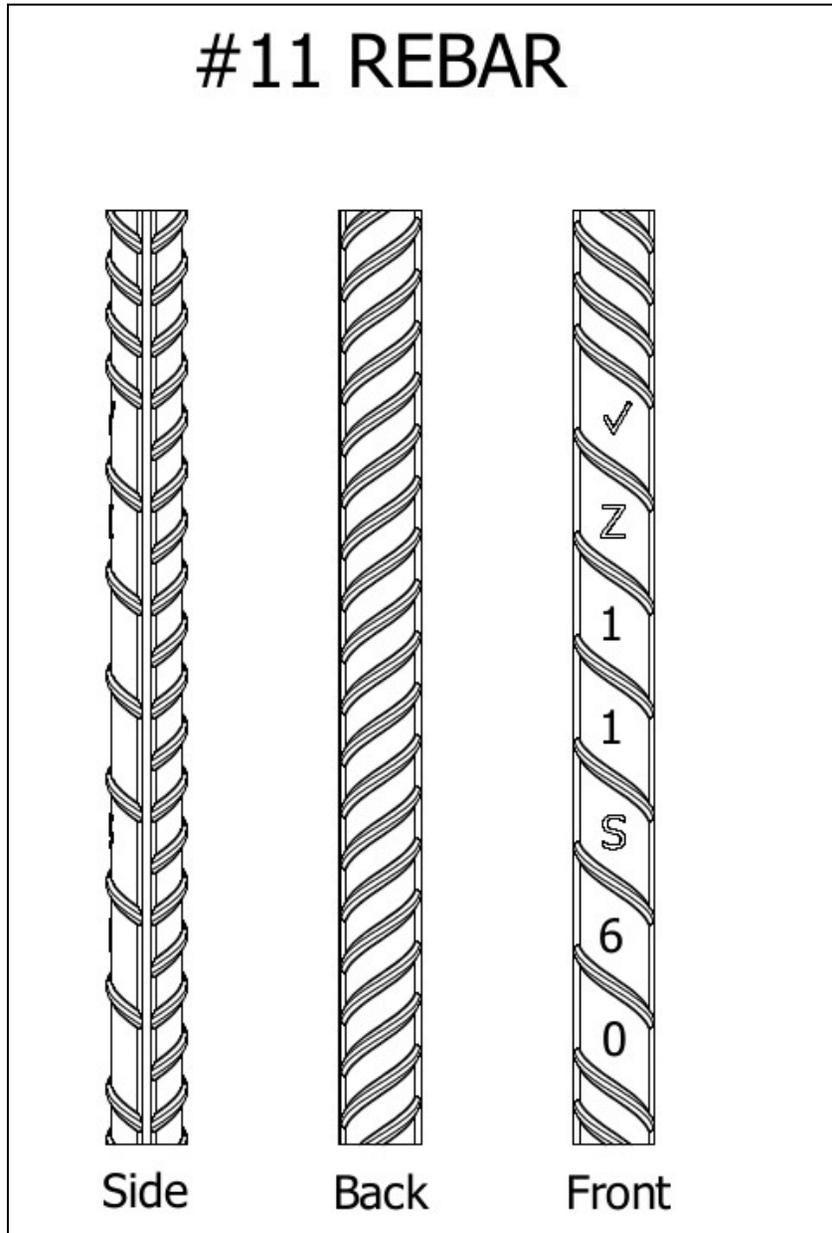
The Identification marks for the Approved Producers are shown in the following figures. Rebar grades shown on these pages are for reference only. Check the specs for the appropriate requirements.

ArcelorMittal Vinton, Inc. El Paso Texas ODOT # 1841

<p>ArcelorMittal Vinton, Inc. (El Paso, TX)</p> <p>S</p>  <p>Bars #10 through #36 only</p>  	<p>W</p>  <p>Bars #10 through #36 only</p> 
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Nucor Steel Utah ODOT # 1112



CMC Steel Mesa Arizona ODOT #4118

A 615			A706		
Gr60	Gr 75	Gr 80		Gr 60	Gr 80

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

Nucor Steel Seattle Washington ODOT # 2935

745-G-100

A615 Gr. 40	A615 Gr. 60	A615/A706 Gr. 60	A615/A706 Gr. 80	A615 Gr. 40	A615 Gr. 60	A615/A706 Gr. 60	A615/A706 Gr. 80	A615 Gr. 40	A615 Gr. 60	A615/A706 Gr. 60	A615/A706 Gr. 80	CSA-G30.18 Gr.400W	CSA-G30.18 Gr.400W
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	VENDOR OPTIMUS BEAUMONT, TEXAS MILL P.O. BOX 3869 BEAUMONT, TEXAS 77704 (409) 769-1947	TITLE Rebar Logo Finished Bar with "B"								
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">PROJECT NO.</td> <td style="width: 25%;">DWG. NO.</td> <td style="width: 25%;">REV.</td> <td style="width: 25%;">SHEET OF SHEETS</td> </tr> <tr> <td style="text-align: center;">Rebar</td> <td style="text-align: center;">745-G-100</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1 of 1</td> </tr> </table>	PROJECT NO.	DWG. NO.	REV.	SHEET OF SHEETS	Rebar	745-G-100	0	1 of 1
PROJECT NO.	DWG. NO.	REV.	SHEET OF SHEETS							
Rebar	745-G-100	0	1 of 1							

Optimus Beaumont Texas ODOT #4838

Gerdau

Rancho Cucamonga, CA



CMC Steel California - Interim Period.

S
60



Bars #4 through #18 only



W
60



Bars #4 through #18 only



S
75



Bars #4 through #18 only



S
80



Bars #4 through #18 only



W
80



Bars #4 through #18 only



Gerdau (cont.)

Rancho Cucamonga, CA



SW
60



Bars #4 through #18 only



CMC Steel California ODOT #1842
Was Gerdau @ Rancho Cucamonga California

Gerdau

Rancho Cucamonga, CA



S
60



Bars #4 through #18 only

W
60



Bars #4 through #18 only

S
75



Bars #4 through #18 only

S
80



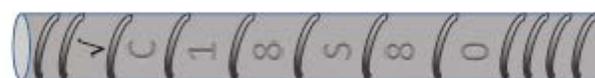
Bars #4 through #18 only

W
80



Bars #4 through #18 only

CMC Steel California – Post Interim Period.



Gerdau (cont.)

Rancho Cucamonga, CA



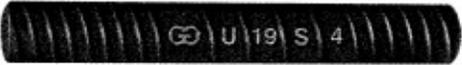
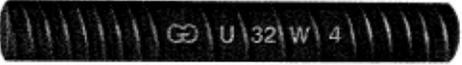
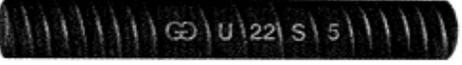
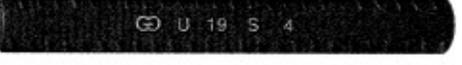
SW
60



Bars #4 through #18 only



CMC Steel California ODOT #1842
Was Gerdau @ Rancho Cucamonga California

Gerdau Ameristeel (revised markings)		CRSI
<small>(St. Paul, MN)</small>		
S		
<small>Bars #13 through #57 only</small>		
W		
<small>Bars #13 through #57 only</small>		
S		
<small>Bars #13 through #57 only</small>		
S		
<small>Bars #14J and #18J ("Jumbo") only</small>		
S		
<small>Bars #19 through #57 only</small>		
S		
<small>Bars #19 through #57 only</small>		

Gerdau St. Paul Minnesota ODOT # 1623

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



Cascade Steel Mc-Minnville Oregon
ODOT # 1111

S GR 60		Bars #3 through #6 only	S GR 75		Bars #14 and #18 only
W GR 60		Bars #3 through #6 only	S GR 80		Bars #3 through #11 only
W GR 60		Bars #14 and #18 only	S GR 80		Bars #14 and #18 only
SW GR 60		Bars #3 through #11 only (#3 through #6 coiled)	W GR 80		Bars #3 through #11 only
SW GR 60		Bars #14 and #18 only	W GR 80		Bars #14 and #18 only
S GR 75		Bars #3 through #11 only (#3 through #6 coiled)	SW GR 80		Bars #3 through #6 coiled

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]

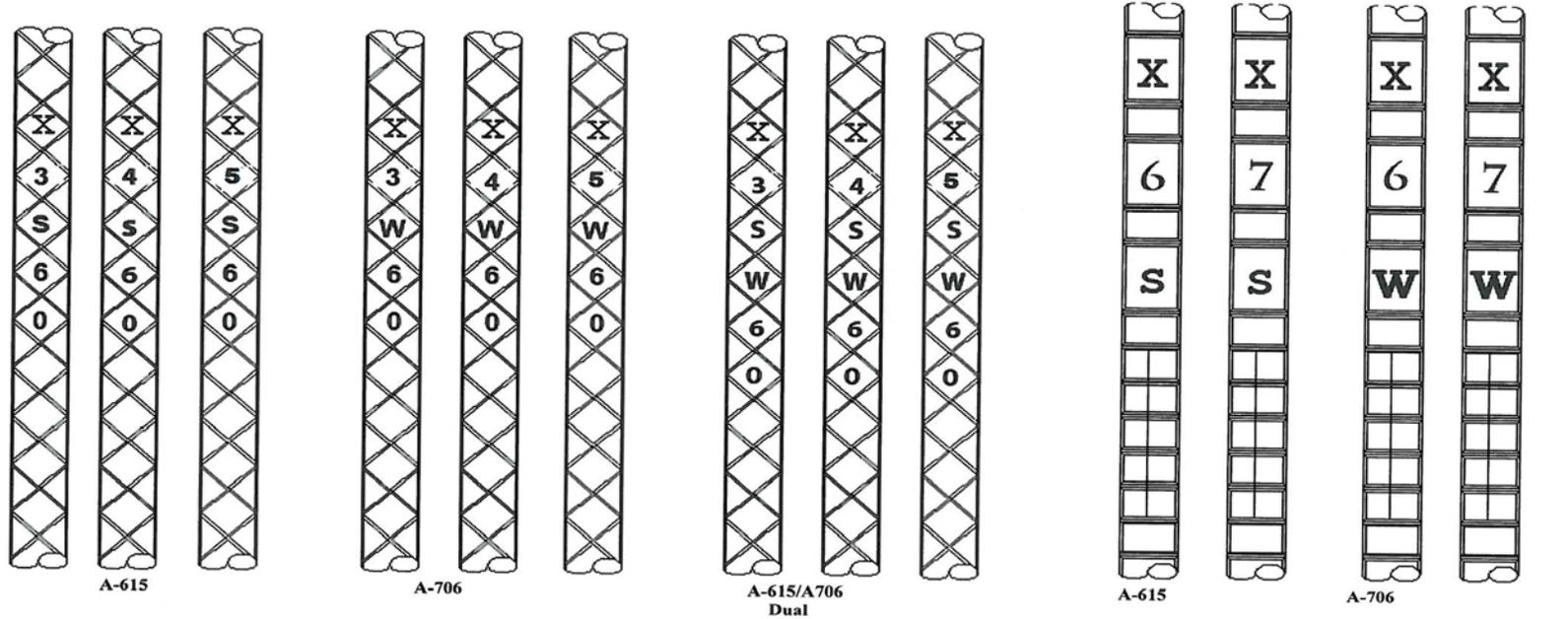


Table-RB-700-8 Rev 2

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



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

CMC Steel Oklahoma

Durant, OK



S
GR 60



Bars #3 through #18 only

W
GR 60



Bars #3 through #18 only

S
GR 75



Bars #3 through #18 only

S
GR 80



Bars #3 through #18 only

W
GR 80



Bars #3 through #18 only

S
GR 100



Bars #3 through #18 only

CMC STEEL-DURANT OKLAHOMA
#4-#11 STRAIGHT #3-#6 COILED
ODOT #5138

**STEEL DYNAMICS ROANOKE BAR
DIVISION
#4-#11 STRAIGHT
ODOT #5261**



CMC STEEL FLORIDA
#3-#5 COILED
ODOT #5262



CMC STEEL FLORIDA
A615 GRADE 60, 80, 100 #3-#18 STRAIGHT
A706 GRADE 60, 80 #3-18 STRAIGHT
ODOT #5263

CMC Steel South Carolina
 Cayce, SC

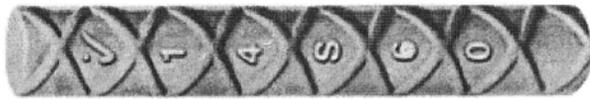


S
 60



Bars #3 through #11 only

S
 60



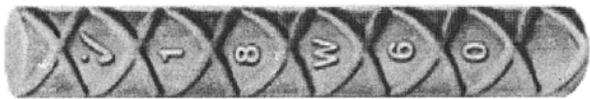
Bars #14 and #19 only

W
 60



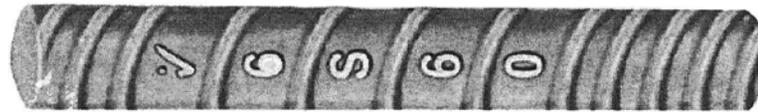
Bars #3 through #11 only

W
 60



Bars #14 and #19 only

Commercial Metals Company South Carolina



Bars #3 through #11 only



Bars #14 and #19 only



Bars #3 through #11 only



Bars #14 and #19 only

ASTM A1035 CS (AAHSTO M334)

ChrōmX 9100 CS
SIZE #3-#11
PRODUCED BY:
CASCADE STEEL ROLLING MILLS, INC.
ODOT #3517

ChrōmX 4100 CM
SIZE #4-#11
PRODUCED BY:
CASCADE STEEL ROLLING MILLS, INC.
ODOT #5249



Bars #3 through #9 (#3 through #6 coiled)



Bars #10 and #11 only



Bars #14 and #18 only

