OREGON DEPARTMENT OF TRANSPORTATION
CONSTRUCTION SECTION

QUALIFIED PRODUCTS LIST

PUBLISHING DATE: JANUARY 2014

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

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

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

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

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

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

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

The use of all products is restricted to the category in which they are listed. Products should be used and installed as the manufacturer recommends. The QPL does not distinguish between domestic and foreign steel. Use of this list by ODOT Maintenance Personnel as an information resource is encouraged not required.

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

The "QPL" and submittal forms are accessible from the Internet: http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/

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

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

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

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

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

Category 3: Impact Attenuators, Guardrail, etc.

Category 4: Trailer Mounted Sequential Arrows, Trailer Mounted Message Boards,
               Trailer Mounted AFAD’s, Trailer Mounted Flagger Station Lighting etc.

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

FHWA Safety Websites:

Traffic Barriers, Barrier Terminals, Crash Cushions, and Bridge Railings:


FHWA Work zone Letter WZ-161:
## Erosion Control

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**Texas DOT Website for use with Mattings:**
## Erosion Control

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### Longitudinal Durable Pavement Markings

Section 00865.00

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### Longitudinal High Performance Pavement Markings

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### Transverse Durable Pavement Markings

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<thead>
<tr>
<th>Category</th>
<th>Applications</th>
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<tbody>
<tr>
<td>Type A</td>
<td>Liquid Hot Poured Thermoplastic with intermixed and top-dressed beads, 120 Mils</td>
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<tr>
<td>Type B</td>
<td>Preformed Fused Thermoplastic with intermixed beads, 125 Mils</td>
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<tr>
<td>Type B-HS</td>
<td>Preformed Fused Thermoplastic with intermixed beads, 125 Mils (HS = hi skid resistance)</td>
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<td>SIGN COVERS</td>
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<td>3-M SERIES 3954</td>
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<td>SIGN SHEETING - TYPE 04</td>
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<td>SIGN SHEETING - TYPE 04</td>
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<td>REFLEXITE FLUORESCENT PINK</td>
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<th>PRODUCT NUMBER</th>
<th>LIST</th>
<th>REMARKS</th>
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<td>SIGN SHEETING, ROLL-UP FOR ROLL-UP SIGNS</td>
<td>3-M RS24 ROLLUP SHEETING</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>11/16/00</td>
<td>1705</td>
<td>A</td>
<td>HELD UP WELL IN OUR TESTS. WAS VERY VISIBLE IN POOR LIGHT CONDITIONS. HANDLE CAREFULLY.</td>
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<td>REFLEXITE - MARATHON</td>
<td>ORAFOL TOM PLUMB 619/300-0128 BROOK JERZYK 860/676-7100</td>
<td>11/16/00</td>
<td>1821</td>
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<td>00225.11</td>
<td>SIGN SHEETING, ROLL-UP FOR ROLL-UP SIGNS</td>
<td>3-M RS33 ROLLUP SHEETING</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
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<td>2950</td>
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<td>ODOT INCIDENCE MANAGMENT ONLY.</td>
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<td>SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS</td>
<td>COMPACT FLEXING STAND C-102</td>
<td>EASTERN METALS 800/872-7446 ZUMAR INDUSTRIES 800/426-7967</td>
<td>12/13/01</td>
<td>2183</td>
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<td>PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS ONLY. TESTED AT 18&quot; ABOVE THE GROUND</td>
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<td>SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS</td>
<td>COMPACT FLEXING STAND C-202</td>
<td>EASTERN METALS 800/872-7446 ZUMAR INDUSTRIES 800/426-7967</td>
<td>12/13/01</td>
<td>2182</td>
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<td>PASSED NCHRP 350 CAT 2 TESTING ROLL-UP SIGNS ONLY. 18&quot; A.G. SAME AS C-942, BUT HAS GALV STEEL FRAME W/FIBERGLASS SPRING</td>
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<td>00225.11</td>
<td>SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS</td>
<td>DL-1003W</td>
<td>PACIFIC SAFETY SUPPLY 800-333-5641 MIKE BURKE 206/818-9277</td>
<td>04/10/03</td>
<td>2794</td>
<td>A</td>
<td>PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS. MEETS OUR SPECS. TESTED AT 14&quot; ABOVE THE GROUND</td>
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<tr>
<td>00225.11</td>
<td>SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS</td>
<td>INTERSTATE SIGN STAND X-551</td>
<td>EASTERN METALS 800/872-7446 ZUMAR INDUSTRIES 800/426-7967 FORESS SIGN CO 541/928-5858</td>
<td>12/13/01</td>
<td>1817</td>
<td>A</td>
<td>PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS ONLY. BASE IS MODEL X-555 AND ROLLUP SIGN OPTION IS X-551. 18&quot; ABOVE GRR</td>
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<td>SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS</td>
<td>LITTLE BUSTER</td>
<td>TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON</td>
<td>12/13/01</td>
<td>2251</td>
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<td>TESTED AT 12&quot; ABOVE PAVEMENT MET NCHRP 350 CAT 2</td>
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<td>00225.11</td>
<td>SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS</td>
<td>PS-3000S</td>
<td>PACIFIC SAFETY SUPPLY 800-333-5641 MIKE BURKE 206/818-9277</td>
<td>03/14/02</td>
<td>2219</td>
<td>A</td>
<td>PASSED NCHRP 350 CAT 2 TESTING FOR ROLL-UP SIGNS. MEETS OUR SPECS TESTED AT 18.5&quot; ABOVE GROUND</td>
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### ODOT Construction / Materials Section

**Qualified Products List**

**Approved List - No Samples or Tests Required**

**Qualified List - Additional Requirements**

**January 2014**

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<td>SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS</td>
<td>PS-330S</td>
<td>PACIFIC SAFETY SUPPLY 800-333-5641 MIKE BURKE 206/818-9277</td>
<td>03/14/02</td>
<td>2220</td>
<td>A</td>
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<tr>
<td>00225.11</td>
<td>SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS</td>
<td>SIGN-UP MS-2000X/I MINI STAND</td>
<td>SIGN-UP CORPORATION 800/659-6466</td>
<td>02/08/01</td>
<td>2285</td>
<td>A</td>
<td>TESTED AT 25&quot; TO BOTTOM OF SIGN. MET NCHRP 350 CAT 2</td>
</tr>
<tr>
<td>00225.11</td>
<td>SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS</td>
<td>SIGN-UP X-CELL SIGN STAND</td>
<td>SIGN-UP CORPORATION 800/659-6466</td>
<td>06/08/00</td>
<td>2286</td>
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<td>MFG SHOWED CRASHWORTHINESS AND WIND STABILITY. TESTED AT 18&quot; TO BOTTOM OF SIGN.</td>
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<td>00225.11</td>
<td>SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS</td>
<td>TRAFFIX DEVICES SINGLE SPRING MODEL #22000 SPUH</td>
<td>TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALITY 800/390-1113 JEFF PETERSON</td>
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<td>CRASH TESTED, AND MET OUR OTHER SPECS. TESTED AT 18&quot; ABOVE THE GROUND</td>
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<td>SIGN SUPPORTS, PORTABLE FOR ROLL-UP SIGNS</td>
<td>TRAFFIX STAND</td>
<td>TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALITY 800/390-1113 JEFF PETERSON</td>
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<td>PACIFIC SAFETY SUPPLY 800-333-5641 MIKE BURKE 206/818-9277</td>
<td>04/10/03</td>
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<td>TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALITY 800/390-1113 JEFF PETERSON</td>
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<td>BARRICADE, TEMP - TYPE 1</td>
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<td>07/27/12</td>
<td>4496</td>
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<td>BARRICADE, TEMP - TYPE 1</td>
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<td>TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON</td>
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<td>BARRICADE, TEMP - TYPE 1</td>
<td>TD2100 MODEL# 210127 WORKS BARRICADE</td>
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<td>ALL PLASTIC. HAS AASHTO TYPE III SHEETING.</td>
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<td>BARRICADE, TEMP - TYPE 1</td>
<td>TD2150-215153 WORKS BARRICADE</td>
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<td>WOOD PANELS WITH 14 GA GALV LEGS. HAS AASHTO TYPE III SHEETING.</td>
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<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 1</td>
<td>TYPE I ROADMARKER BARRICADE</td>
<td>Myers &amp; Son Hi-Way Safety, Inc. Highway Safety Products Luke de Leon 714/348-7289</td>
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<td>BARRICADE, TEMP - TYPE 1</td>
<td>UNIVERSAL PLASTIC BARRICADE I</td>
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<td>11/10/05</td>
<td>2169</td>
<td>A</td>
<td>MEETS NCHRP 350 CAT 2.</td>
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<th>REMARKS</th>
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<td>BARRICADE, TEMP - TYPE 1</td>
<td>WOOD &amp; METAL LEG BARRICADE BP1 MODEL# &quot;BP1&quot;</td>
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<td>ECON PLASTIC FOLDING BARRICADE</td>
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<td>HI IMPACT PLASTIC FOLDING BARR</td>
<td>TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON</td>
<td>09/11/03</td>
<td>2308</td>
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<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 2</td>
<td>METAL LEG FOLDING BARRICADE</td>
<td>TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON</td>
<td>09/11/03</td>
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<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 2</td>
<td>SAFETYCADE</td>
<td>WLI INDUSTRIES TOM BOYCE 708/932-4600</td>
<td>01/11/96</td>
<td>1423</td>
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<td>COLLAPSIBLE LOCKING PLASTIC BARRICADE SYSTEM. 2 TYPES: - TAPER AND TRANSITION - TANGENT (NCHRP 350-0K)</td>
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<td>BARRICADE, TEMP - TYPE 2</td>
<td>TD2150-215213 WORKS BARRICADE</td>
<td>THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757</td>
<td>05/11/06</td>
<td>3279</td>
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<td>ALL PLASTIC WITH AASHTO TYPE III SHEETING.</td>
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<td>12/09/04</td>
<td>2684</td>
<td>A</td>
<td>WOOD PANELS WITH 14 GA GALV LEGS. HAS AASHTO TYPE III SHEETING.</td>
</tr>
<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 2</td>
<td>Type II ROADMARKER BARRICADE</td>
<td>Myers &amp; Son Hi-Way Safety, Inc. Highway Safety Products Luke de Leon 714/348-7289</td>
<td>12/18/12</td>
<td>4578</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 2</td>
<td>UNIVERSAL PLASTIC BARRICADE II</td>
<td>BENT MANUFACTURING</td>
<td>03/09/00</td>
<td>2169</td>
<td>A</td>
<td>MEETS NCHRP 350 CAT 2. 37&quot; HIGH, 24&quot; WIDE, AND 25 POUNDS.</td>
</tr>
<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 2</td>
<td>WAFFLE BOARD PLASTIC PANEL BW2 MODEL# &quot;BW2&quot;</td>
<td>BENT MANUFACTURING</td>
<td>07/13/00</td>
<td>2171</td>
<td>A</td>
<td>APPROVED BY FHWA TO NCHRP 350 CAT 2.</td>
</tr>
<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 2</td>
<td>WOOD &amp; METAL LEG BARRICADE BP2 MODEL# &quot;BP2&quot;</td>
<td>BENT MANUFACTURING</td>
<td>03/09/00</td>
<td>2170</td>
<td>A</td>
<td>MEETS NCHRP 350 CAT 2. 37&quot; HIGH, 24&quot; &amp; 36&quot; WIDE, 16 &amp; 30 POUNDS. HAS PLYWOOD BOARDS WITH METAL LEGS.</td>
</tr>
<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 3</td>
<td>BENT TYPE III BARRICADE MODEL# BP3</td>
<td>BENT MANUFACTURING</td>
<td>11/10/99</td>
<td>2007</td>
<td>A</td>
<td>NCHRP 350 CAT 2 APPROVED. STEEL UPRIGHTS W/WOOD PANELS. NO SIGNS AND/OR LIGHTS.</td>
</tr>
<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 3</td>
<td>DAVIDSON T3B BARRICADE</td>
<td>PEXCO LLC - DAVIDSON TRAFFIC CORP 877/735-4638 BILL DALY 408/431-8889 TRAFFIC SAFETY 800/547-8518</td>
<td>07/13/00</td>
<td>2303</td>
<td>A</td>
<td>PLASTIC PANELS &amp; UPRIGHTS, AND STEEL FEET. NO SIGNS AND/OR LIGHTS.</td>
</tr>
<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 3</td>
<td>EZ-UP TYPE III BARRICADE</td>
<td>CANTEL OF MEDFORD 541/773-2765</td>
<td>05/11/00</td>
<td>2241</td>
<td>A</td>
<td>SIMILAR TO BENT TYPE III UNIT. OK BY FHWA. NO SIGNS AND/OR LIGHTS.</td>
</tr>
<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 3</td>
<td>SENTINEL TYPE III 2604-HIP-KIT &amp; 2606-HIP-KIT</td>
<td>PLASTICADE PROD. 800/772-0355 KEVIN HARLEY 520/247-5433</td>
<td>07/09/09</td>
<td>3427</td>
<td>A</td>
<td>2604 = 4' WIDE &amp; 2606 = 6' WIDE. NO SIGNS AND/OR LIGHTS.</td>
</tr>
</tbody>
</table>

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<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 3</td>
<td>TD2400-290455 WORKS BARRICADE</td>
<td>THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757</td>
<td>04/13/06</td>
<td>3288</td>
<td>A</td>
<td>PLASTIC PANELS, RAILS, AND UPRIGHTS. ANGLE STEEL BASE. AASHTO TYPE III SHEETING. NO SIGNS AND/OR LIGHTS.</td>
</tr>
<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 3</td>
<td>TD2400-291158A WORKS BARRICADE</td>
<td>THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757</td>
<td>05/11/06</td>
<td>2685</td>
<td>A</td>
<td>PLASTIC RAILS, PANELS, AND UPRIGHTS. ANGLE STEEL BASE. HAS AASHTO TYPE III SHEETING. NO SIGNS AND/OR LIGHTS.</td>
</tr>
<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 3</td>
<td>TD2500-270465 WORKS BARRICADE</td>
<td>THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757</td>
<td>02/09/06</td>
<td>3213</td>
<td>A</td>
<td>PLYWOOD BOARDS WITH ANGLE STEEL UPRIGHTS AND FRAME. HAS AASHTO TYPE III SHEETING. NO SIGNS AND/OR LIGHTS.</td>
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<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP - TYPE 3</td>
<td>TD2650-280338 WORKS BARRICADE</td>
<td>THREE D TRAFFIC WORKS SCOTT BEHM 877/843-9757</td>
<td>02/09/06</td>
<td>3214</td>
<td>A</td>
<td>PLASTIC BOARDS WITH TUBULAR STEEL UPRIGHTS AND FRAME. HAS AASHTO TYPE III SHEETING. NO SIGNS AND/OR LIGHTS.</td>
</tr>
<tr>
<td>00225.12</td>
<td>BARRICADE, TEMP-TYPE 3</td>
<td>PLASTICADE TELESPAR TYPE III</td>
<td>PLASTICADE 847/583-4189</td>
<td>05/09/12</td>
<td>4424</td>
<td>A</td>
<td>SERIES 3500 TELESPAR FEET SERIES 3700 ANGLE IRON FEET 4', 6', 8' WIDTHS NO SIGNS OR LIGHTS</td>
</tr>
<tr>
<td>00225.12</td>
<td>BARRIER MARKER</td>
<td>BARRIER MARKER, TEMPORARY</td>
<td>BARRIER MARKER, TEMPORARY</td>
<td>04/19/00</td>
<td>A</td>
<td>SEE SECTION 00820.11 BARRIER MARKERS.</td>
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</tr>
<tr>
<td>00225.12</td>
<td>BARRIER PANEL, REFLECTIVE</td>
<td>3-M SERIES 344/346 LDS</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>11/09/04</td>
<td>2487</td>
<td>A</td>
<td>MOUNTS TO THE SIDE OF BARRIER. ODOT RESEARCH PROJECT. IT IS ALUMINUM STRIPS WITH RETRO-REFLECTIVE SHEETS ON THE FACE.</td>
</tr>
<tr>
<td>00225.12</td>
<td>FENCING, WORKZONE DELINEATION</td>
<td>KC BARRICADE FENCE</td>
<td>KC WHOLESALE CONSTRUCTION PROD 206/850-8672</td>
<td>03/10/11</td>
<td>1486</td>
<td>A</td>
<td>ORANGE SAFETY / SNOW FENCE.</td>
</tr>
<tr>
<td>00225.12</td>
<td>FENCING, WORKZONE DELINEATION</td>
<td>PERIMETER PLUS X05650-001</td>
<td>CONWED PLASTICS 612/623-1700 GEOTK 888/708-8835</td>
<td>03/10/11</td>
<td>3147</td>
<td>A</td>
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<tr>
<td>00225.12</td>
<td>FENCING, WORKZONE DELINEATION</td>
<td>PERIMETER PLUS X05650-002</td>
<td>CONWED PLASTICS 612/623-1700 GEOTK 888/708-8835</td>
<td>03/10/11</td>
<td>3306</td>
<td>A</td>
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</tr>
<tr>
<td>00225.12</td>
<td>FENCING, WORKZONE DELINEATION</td>
<td>PROTEX FENCE - SF2048L-12P</td>
<td>NORPLEX 253/735-3431 ACF WEST 800/878-5115</td>
<td>03/10/11</td>
<td>4324</td>
<td>A</td>
<td></td>
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<tr>
<td>00225.12</td>
<td>FENCING, WORKZONE DELINEATION</td>
<td>SAF-T-SNO</td>
<td>TENAX CORPORATION 800/874-7437 ACF WEST 800/878-5115 410/522-7000</td>
<td>04/12/07</td>
<td>3432</td>
<td>A</td>
<td>MEETS NEW SPECS.</td>
</tr>
<tr>
<td>00225.12</td>
<td>FENCING, WORKZONE DELINEATION</td>
<td>TENAXALPI SAFETY FENCE</td>
<td>TENAX CORPORATION 800/874-7437 DAVE WRIGHT 503/232-3480 WHITE CAP 503/287-4151 KODIAK SUPPLY 800/332-7452</td>
<td>12/14/06</td>
<td>22</td>
<td>A</td>
<td>PLASTIC FENCE. MUST HAVE ADEQUATE SUPPORTS. 410/522-7000</td>
</tr>
<tr>
<td>00225.12</td>
<td>FENCING, WORKZONE DELINEATION</td>
<td>WARNING BARRIER FENCE # 14993</td>
<td>MUTUAL INDUSTRIES 800/523-0888 215/927-6000</td>
<td>07/12/07</td>
<td>3441</td>
<td>A</td>
<td></td>
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<tr>
<td>00225.12</td>
<td>GLARE SHIELDS TEMPORARY</td>
<td>GLARE SHIELDS, TEMPORARY</td>
<td></td>
<td>04/19/00</td>
<td></td>
<td>A</td>
<td>SEE SECTION 00822.00, GLARE SHIELDS.</td>
</tr>
<tr>
<td>00225.12</td>
<td>GUARDRAIL MTD REFLECTOR</td>
<td>GUARDRAIL MOUNTED REFLECTORS, TEMPORARY</td>
<td></td>
<td>04/19/00</td>
<td></td>
<td>A</td>
<td>SEE SECTION 00840.00, DELINEATORS, FLEXIBLE TYPE 4A, GUARDRAIL VERSION.</td>
</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, HS TEMPORARY NCHRP 350 HS RE-DIRECTIVE, NON-GATING.</td>
<td>UNIVERSAL TAU-II (HS)</td>
<td>BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967</td>
<td>03/12/09</td>
<td>2961</td>
<td>A</td>
<td>FHWA APPROVED</td>
</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, HS TEMPORARY NCHRP 350 TL-3</td>
<td>QUEST 115 SYSTEM</td>
<td>ENERGY ABSORPTION 888/323-8750 JIM CROWLEY 312/487-6760 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>11/08/07</td>
<td>3555</td>
<td>A</td>
<td>IMPACT SPEEDS TO 70 MPH.</td>
</tr>
</tbody>
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<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, HS TEMPORARY</td>
<td>NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING</td>
<td>2005 FASTRACC TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>11/10/05</td>
<td>3156 A</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 70 MPH. 25&quot; 8' LONG. 30&quot; WIDE.</td>
<td></td>
</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL2 TEMPORARY</td>
<td>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</td>
<td>07/09/09</td>
<td>3872 A</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 45 MPH.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL2 TEMPORARY</td>
<td>NCHRP 350 TL-2 2005 SHORTRACC (TL-2) TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>01/12/06</td>
<td>3154 A</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. 14.2' LONG.</td>
<td></td>
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</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL2 TEMPORARY</td>
<td>NCHRP 350 TL-2 SC70GM WORK AREA PROTECTION (SCI) 800/327-4417 OR 639/377-9100</td>
<td>01/11/07</td>
<td>3110 A</td>
<td>LOW MAINTENANCE UNIT. NARROW OR WIDE APPLICATIONS.</td>
<td></td>
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</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL2 TEMPORARY</td>
<td>NCHRP 350 TL-2 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</td>
<td>02/19/04</td>
<td>2844 A</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. 14.2' LONG. 32&quot; WIDE. ORIG Q UNDER P-1902.</td>
<td></td>
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</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL2 TEMPORARY</td>
<td>NCHRP 350 TL-2 2005 WIDETRACC (TL-2) TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>01/12/06</td>
<td>3155 A</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 45 MPH.</td>
<td></td>
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</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL2 TEMPORARY</td>
<td>NCHRP 350 TL-2 UNIVERSAL TAU-II (TL-2) BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967</td>
<td>02/10/05</td>
<td>2961 A</td>
<td>FHWA APPROVED - 4 BAY SYSTEM.</td>
<td></td>
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</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL2 TEMPORARY</td>
<td>NCHRP 350 TL-2 ABSORB 350 TL-2 BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888</td>
<td>08/08/02</td>
<td>2336 A</td>
<td>FOR FRONT OF BARRIER AND QUICK CHANGE BARRIER. NON REDIRECTIVE. DONT USE WITHIN 100' OF POND/STREAM. IMPACT SPEEDS TO 45 MPH</td>
<td></td>
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</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL2 TEMPORARY</td>
<td>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</td>
<td>09/14/95</td>
<td>1327 A</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. THIS PRODUCT IS NON-REDIRECTIVE AND HAS ALUMINUM CARTRIDGES.</td>
<td></td>
<td></td>
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<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL2</td>
<td>QUEST 70 (TL-2)</td>
<td>ENERGY ABSORPTION 888/323-6750, JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>06/09/11</td>
<td>4372</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 45 MPH. THREE BAYS. ARRIVES FULLY ASSEMBLED.</td>
</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL2</td>
<td>TRUCK MOUNTED</td>
<td>ENERGY ABSORPTION 888/323-6750, JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>10/10/96</td>
<td>1549</td>
<td>A</td>
<td>TRUCK MTD. TESTED FOR IMPACT SPEEDS UP TO 45 MPH. FOLLOW THE MANUFACTURER'S INSTRUCTIONS.</td>
</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL2</td>
<td>TRUCK MOUNTED</td>
<td>ENERGY ABSORPTION 888/323-6750, JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>06/10/04</td>
<td>2704</td>
<td>A</td>
<td>FEDS OK'D TL-2 TESTING.</td>
</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3</td>
<td>TEMPORARY</td>
<td>ENERGY ABSORPTION 888/323-6750, JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>07/09/09</td>
<td>3872</td>
<td>A</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 60 MPH.</td>
</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3</td>
<td>TEMPORARY</td>
<td>ENERGY ABSORPTION 888/323-6750, JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>11/08/07</td>
<td>3138</td>
<td>A</td>
<td>WATCH REPAIR COSTS. BETTER FOR LOW HIT AREAS.</td>
</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3</td>
<td>TEMPORARY</td>
<td>ENERGY ABSORPTION 888/323-6750, JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>08/14/08</td>
<td>3478</td>
<td>A</td>
<td>WATCH FOR INSERTS REQUIRED ON SOME UNITS. GET ARRAY LAYOUTS FROM THE MANUFACTURER.</td>
</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3</td>
<td>TEMPORARY</td>
<td>ENERGY ABSORPTION 888/323-6750, JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>11/09/95</td>
<td>1297</td>
<td>A</td>
<td>CHECK STANDARD DRAWINGS FOR ARRAY LAYOUT. TEMP APPS ONLY. TESTED FOR SPEEDS TO 60 MPH.</td>
</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3</td>
<td>TEMPORARY</td>
<td>ENERGY ABSORPTION 888/323-6750, JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>06/10/93</td>
<td>1028</td>
<td>A</td>
<td>CHECK STANDARD DRAWINGS FOR ARRAYS. TEMP APPS ONLY. TESTED FOR SPEEDS TO 60 MPH.</td>
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<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3</td>
<td>TEMPORARY</td>
<td>ENERGY ABSORPTION 888/323-6750, JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>12/12/02</td>
<td>1850</td>
<td>A</td>
<td>GET LAYOUT ARRAYS FROM THE MANUFACTURER. TEMP APPS ONLY. TESTED FOR SPEEDS TO 60 MPH.</td>
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<th>REMARKS</th>
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<td>IMPACT ATTENUATOR, TL3</td>
<td>TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING</td>
<td>SCI100GM</td>
<td>WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100</td>
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<td>2005 TRACC (TL-3)</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
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<td>3153</td>
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<td>IMPACT ATTENUATOR, TL3</td>
<td>TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON GATING</td>
<td>X-TENUATOR</td>
<td>BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967</td>
<td>05/12/11</td>
<td>4359</td>
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<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3</td>
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<td>2005 WIDETRACC (TL-3)</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
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<td>UNIVERSAL TAU-II (TL-3)</td>
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<td>WIDETRACC</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
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<td>IMPACT ATTENUATOR, TL3</td>
<td>TEMPORARY NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING</td>
<td>QUADGUARD M10</td>
<td>ENERGY ABSORPTION 760/518-9829 CORAL SALES COMPANY 800/538-7245</td>
<td>05/14/12</td>
<td>4492</td>
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<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3</td>
<td>TEMPORARY, NARROW APPS. NCHRP 350 TL-3, GATING IMPACT SPEED TO 60MPH</td>
<td>ABSORB 350 TL-3</td>
<td>BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888</td>
<td>10/09/08</td>
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<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3</td>
<td>TEMPORARY, NARROW SYSTEM NCHRP 350 TL-3</td>
<td>QUADGUARD CZ ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>04/09/98</td>
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<td>PERM. AND TEMP. INSTALLATIONS. RE DIRECTIVE AND NON-GATING. TESTED FOR IMPACT SPEEDS TO 60 MPH.</td>
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<td>REACT 350 NARROW (TL3) ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>08/10/95</td>
<td>1364 A</td>
<td>A</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. REQUIRES 8&quot; THICK 4000PSI CONCRETE SLAB FOR ANCHOR. REDIRECT/NONGATING</td>
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<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3</td>
<td>TRUCK MOUNTED NCHRP 350 TL-3</td>
<td>MPS 350 III TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>05/08/97</td>
<td>1624 A</td>
<td>A</td>
<td>TRUCK MTD. TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. FOLLOW MANUFACTURER'S INSTRUC. UNIT IS ONLY 4' WIDE.</td>
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<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3</td>
<td>TRUCK MOUNTED NCHRP 350 TL-3</td>
<td>SAFE-STOP 180 TMA #6180 ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>04/14/05</td>
<td>2920 A</td>
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<td>IMPACT ATTENUATOR, TL3</td>
<td>TRUCK MOUNTED NCHRP 350 TL-3</td>
<td>SAFE-STOP 180 TMA #6181 ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>04/14/05</td>
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<td>SAFE-STOP 180 TMA #6182 ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>08/14/05</td>
<td>3148 A</td>
<td>A</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 60 MPH. FOLLOW MANUFACTURER'S INSTRUC.</td>
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<td>IMPACT ATTENUATOR, TL3</td>
<td>TRUCK MOUNTED NCHRP 350 TL-3</td>
<td>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</td>
<td>03/09/00</td>
<td>2200 A</td>
<td>A</td>
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<td>TRUCK MOUNTED NCHRP 350 TL-3</td>
<td>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</td>
<td>07/09/09</td>
<td>3902 A</td>
<td>A</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 60 MPH.</td>
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<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3</td>
<td>SAFE-STOP TRAILER TMA</td>
<td>ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCAFFERY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>08/14/08</td>
<td>3262 A</td>
<td>TRAILER MOUNTED. MUST USE SUPPORT TRUCKS APPROX 20K LBS GVW OR HIGHER.</td>
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<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3</td>
<td>SCORPION C-10,000</td>
<td>TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON</td>
<td>12/14/00</td>
<td>2313 A</td>
<td>USES A CRUSHABLE ALUMINUM STRUT WITH BACKUP STRUCTURE AND A CARTRIDGE ASSEMBLY. TOTAL LENGTH: 140&quot;.</td>
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</tr>
<tr>
<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3</td>
<td>SCORPION TRAILER ATTENUATOR MODEL# 10002-TL-3</td>
<td>TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON</td>
<td>08/14/08</td>
<td>3541 A</td>
<td>TRAILER MOUNTED. MUST USE SUPPORT TRUCKS APPROX 20K LBS GVW OR HIGHER.</td>
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<td>00225.12</td>
<td>IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3</td>
<td>SS90</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDOX 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>26/13'</td>
<td>4562 A</td>
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<td>IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3</td>
<td>TTMA-100 TRAILER TMA</td>
<td>GREGORY INDUSTRIES 330/477-4800 EXT 158</td>
<td>04/14/11</td>
<td>4353 A</td>
<td>TRAILER MOUNTED. MUST USE SUPPORT TRUCKS APPROX 20K LBS GVW OR HIGHER.</td>
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<td>IMPACT ATTENUATOR, TL3 TRUCK MOUNTED NCHRP 350 TL-3</td>
<td>VORTEQ TL-3</td>
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<td>07/10/08</td>
<td>3644 A</td>
<td>TRAILER MOUNTED. MUST USE SUPPORT TRUCKS APPROX 20K LBS GVW OR HIGHER.</td>
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<td>TRAFFIC SEPARATOR, CURB SURFACE MOUNTED TEMPORARY</td>
<td>FG336 EFX TUBE 2 3X9 HI OR FG 300 CURB SYSTEM OR</td>
<td>PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518</td>
<td>08/01/11</td>
<td>4439 A</td>
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<td>00225.12</td>
<td>TRAFFIC SEPARATOR, CURB SURFACE MOUNTED TEMPORARY</td>
<td>FG336 PE TUBE 2 3X9 HI OR FG 300 CURB SYSTEM OR</td>
<td>PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518</td>
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<td>FG336 UR TUBE 2 3X9 HI OR0 FG 300 CURB SYSTEM OR</td>
<td>PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518</td>
<td>08/01/11</td>
<td>4441 A</td>
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<td>SAFETY WALL SW-3074</td>
<td>PLASTIC SAFETY SYSTEMS INC 216/231/8590</td>
<td>06/13/11</td>
<td>4402 A</td>
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<td>PEDESTRIAN CHANNELIZING DEVICE (PCD)</td>
<td>TPAR</td>
<td>PEXCO LLC- DAVIDSON TRAFFIC CORP: 877/335-4838  TRAFFIC SAFETY 800/547-8518  BILL DALY 408/431-8689</td>
<td>06/10/13</td>
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<td>PEDESTRIAN CHANNELIZING DEVICE (PCD)</td>
<td>YODOCK 2001</td>
<td>YODOCK 888/496-3625  CORAL SALES 800/538-7245</td>
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<td>YODOCK 888/496-3625  CORAL SALES 800/538-7245</td>
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<td>2652 A</td>
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<td>BEADS</td>
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<td>12/04/08</td>
<td>A SEE SECTION 00850.10 TRAFFIC PAINT, BEADS.</td>
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<td>00225.13</td>
<td>MARKER, TUBULAR TEMPORARY</td>
<td>ECOFLEX RB</td>
<td>HIGHWAY SAFETY PRODUCTS 800/228-1701</td>
<td>01/21/14</td>
<td>4687 A</td>
<td>28&quot;, 36&quot; TALL HI SHEETING</td>
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<td>00225.13</td>
<td>MARKER, TUBULAR TEMPORARY</td>
<td>KNOB TOP DELINEATOR POST</td>
<td>HIGHWAY SAFETY PRODUCTS 800/228-1701</td>
<td>01/21/14</td>
<td>4689 A</td>
<td>39&quot;, 42&quot; TALL HI SHEETING</td>
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<td>00225.13</td>
<td>MARKER, TUBULAR TEMPORARY</td>
<td>OPEN TOP DELINEATOR POST</td>
<td>HIGHWAY SAFETY PRODUCTS 800/228-1701</td>
<td>01/21/14</td>
<td>4688 A</td>
<td>39&quot;, 42&quot; TALL HI SHEETING</td>
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<td>00225.13</td>
<td>MARKERS, CONICAL TEMPORARY</td>
<td>C-42 8-4 HI WH 1ST-2ND / CB16</td>
<td>WORK AREA PROTECTION (SCI) 800/327-4417 OR 650/377-9100  RA LUCAS 562/799-6160</td>
<td>06/10/10</td>
<td>4131 A</td>
<td>42&quot; TALL. 16 POUND BASE.</td>
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<td>C-42 6-4 HI WH 1ST-2ND / CB30</td>
<td>WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/680-0820 RA LUCAS 562/799-6160</td>
<td>06/10/10</td>
<td>4132</td>
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<td>MARKERS, CONICAL TEMPORARY</td>
<td>GRABBER DEVICES</td>
<td>TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON</td>
<td>06/08/95</td>
<td>1210</td>
<td>A</td>
<td>43&quot; TALL, USE 16# BASE. STACKABLE. HANDLE ON TOP</td>
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<td>00225.13</td>
<td>MARKERS, CONICAL TEMPORARY</td>
<td>GRABBER CONE 28*</td>
<td>TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113 JEFF PETERSON</td>
<td>11/14/96</td>
<td>1507</td>
<td>A</td>
<td>4&quot; DIA. STACKABLE. THIS IS AN APPROVED CONICAL SHAPE. THE HEAVY 16# BASE IS REQ.28&quot; TALL.</td>
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<tr>
<td>00225.13</td>
<td>MARKERS, CONICAL TEMPORARY</td>
<td>NAVICADE TRAFFIC CHANNELIZING CONE</td>
<td>PLASTICADE 800/772-0355</td>
<td>07/27/12</td>
<td>4499</td>
<td>A</td>
<td>USE 16# BASE. NO LIGHT ATTACHMENT</td>
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<td>00225.13</td>
<td>MARKERS, CONICAL TEMPORARY</td>
<td>NAVIGATOR CHANNELIZER</td>
<td>PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518</td>
<td>04/14/05</td>
<td>2745</td>
<td>A</td>
<td>LOW DENSITY POLYETHYLENE MINIMUM 16 POUND BASE. 42&quot; TALL.</td>
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<td>00225.13</td>
<td>MARKERS, CONICAL TEMPORARY</td>
<td>TD7200 MODEL 742585 RINGTOP CN THREE D TRAFFIC WORKS 877/843-9757</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>04/14/05</td>
<td>2695</td>
<td>A</td>
<td>BASE: TD8000 (22LB)</td>
</tr>
<tr>
<td>00225.13</td>
<td>MARKERS, CONICAL TEMPORARY</td>
<td>TD7500 MODEL 755273 RINGTOP SLIM LINE</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>07/10/08</td>
<td>3666</td>
<td>A</td>
<td>HAS 15 POUND OCTAGONAL BASE. 42&quot; TALL</td>
</tr>
<tr>
<td>00225.13</td>
<td>MARKERS, CONICAL TEMPORARY</td>
<td>TD7500 MODEL 755585 RINGTOP SLIM LINE</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>07/10/08</td>
<td>3446</td>
<td>A</td>
<td>HAS 20 POUND RECTANGULAR BASE. 42&quot; TALL</td>
</tr>
<tr>
<td>00225.13</td>
<td>MARKERS, CONICAL TEMPORARY</td>
<td>TEAR DROP STACKABLE CHANNELIZER MODEL: TD42-1-6/4W-15</td>
<td>BENT MANUFACTURING 888/882-2368 OR 888/882-0600</td>
<td>05/13/10</td>
<td>4101</td>
<td>A</td>
<td>42&quot; TALL, APPROVED FOR 15 POUND OCTAGONAL BASE.</td>
</tr>
</tbody>
</table>

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<th>REMARKS</th>
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<tbody>
<tr>
<td>00225.13</td>
<td>MARKERS, CONICAL TEMPORARY</td>
<td>T-TOP STACKABLE CHANNELIZER MODEL SC42-1-6/4W-15</td>
<td>BENT MANUFACTURING 888/882-2368 OR 888/842-0600</td>
<td>01/14/10</td>
<td>2168</td>
<td>Q</td>
<td>15 POUND BASE. 42&quot; TALL</td>
</tr>
<tr>
<td>00225.13</td>
<td>MARKERS, TUBULAR BLUE TEMPORARY</td>
<td>TD5000-504315B 12 POUND BASE</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>01/11/07</td>
<td>3207</td>
<td>A</td>
<td>BLUE</td>
</tr>
<tr>
<td>00225.13</td>
<td>MARKERS, TUBULAR SURFACE MOUNTED</td>
<td>FLEXI-GUIDE 300 EFX MODEL: 8FG336FLOEFXODOT#1</td>
<td>PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4838 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518</td>
<td>12/09/10</td>
<td>4214</td>
<td>A</td>
<td>USE EPOXY ADHESIVE, NOT BUNDY. T-SHAPEED 36&quot; FL ORANGE TUBE. USE ORANGE BASE. THE BLACK BASE IS WEAKER.</td>
</tr>
<tr>
<td>00225.13</td>
<td>MARKERS, TUBULAR SURFACE MOUNTED</td>
<td>SUPERDUCK</td>
<td>CARSONITE INC. 800/648-7918 TRAFFIC SAFETY 800/547-8518</td>
<td>06/08/00</td>
<td>70</td>
<td>A</td>
<td>THE TUBES ARE REPLACEABLE AS IS THE REFLECTORIZED TAPE. CONFIRMED THAT IT MEETS OUR SPECS 6/2000.</td>
</tr>
<tr>
<td>00225.13</td>
<td>MARKERS, TUBULAR SURFACE MOUNTED</td>
<td>TD5200-526859 (BOOMERANG)</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>01/11/07</td>
<td>3011</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>00225.13</td>
<td>MARKERS, TUBULAR SURFACE MOUNTED 28&quot; &amp; 36&quot; HEIGHT</td>
<td>DURAPOST</td>
<td>SAFE-HIT CORP. 888/323-6374 DAN MCCARTHY 760/295-2699</td>
<td>06/08/00</td>
<td>1182</td>
<td>A</td>
<td>100% URETHANE PLASTIC, PIN AT BASE HOLDS TOP ON. PRODUCT IS 3&quot; DIA.</td>
</tr>
<tr>
<td>00225.13</td>
<td>MARKERS, TUBULAR TEMPORARY</td>
<td>ARROWTOP DELINEATOR (28&quot;) MODEL LA28 01 2HN-12A</td>
<td>CUSTOM-PAK 563/242-1801 SDI 541/686-9844</td>
<td>02/10/11</td>
<td>4293</td>
<td>A</td>
<td>THIS MODEL MET OUR SPECS. THE FIRST 28&quot; MODEL WAS SHORT. 12 POUND RUBBER BASE.</td>
</tr>
<tr>
<td>00225.13</td>
<td>MARKERS, TUBULAR TEMPORARY</td>
<td>ARROWTOP DELINEATOR (42&quot;) MODEL LA42 01 2HN-12</td>
<td>CUSTOM-PAK 563/242-1801 SDI 541/686-9844</td>
<td>08/13/09</td>
<td>3900</td>
<td>A</td>
<td>12 POUND BASE.</td>
</tr>
<tr>
<td>00225.13</td>
<td>MARKERS, TUBULAR TEMPORARY</td>
<td>BENT TUBULAR MARKER MODEL# D6-5</td>
<td>BENT MANUFACTURING 888/882-2368 OR 888/842-0600</td>
<td>05/01/88</td>
<td>1899</td>
<td>A</td>
<td></td>
</tr>
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<tbody>
<tr>
<td>00225.13 MARKERS, TUBULAR TEMPORARY</td>
<td>GRABBER TUBE 28&quot;</td>
<td>TRAFFIX DEVICES TODD MELIN 949/361-5663 HIGHWAY SPECIALTY 800/390-1113</td>
<td>11/14/96</td>
<td>1505</td>
<td>A</td>
<td>4&quot; DIA, NON STACKABLE TUBULAR.</td>
<td></td>
</tr>
<tr>
<td>00225.13 MARKERS, TUBULAR TEMPORARY</td>
<td>NAVIGATOR TUBE</td>
<td>PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518</td>
<td>07/13/00</td>
<td>2239</td>
<td>A</td>
<td>TWO PIECE UNIT WITH HANDLE ON TOP.</td>
<td></td>
</tr>
<tr>
<td>00225.13 MARKERS, TUBULAR TEMPORARY</td>
<td>PLASTICADE OPEN TOP DELINEATOR</td>
<td>PLASTICADE 800/772-0355</td>
<td>06/11/13</td>
<td>4660</td>
<td>A</td>
<td>HI SHEETING</td>
<td></td>
</tr>
<tr>
<td>00225.13 MARKERS, TUBULAR TEMPORARY</td>
<td>TD5000-504315 12 POUND BASE</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>01/11/07</td>
<td>3281</td>
<td>A</td>
<td>ORANGE</td>
<td></td>
</tr>
<tr>
<td>00225.13 MARKERS, TUBULAR TEMPORARY</td>
<td>TD5100 RING TOP DELIN. 507436</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>12/14/06</td>
<td>2691</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>00225.13 MARKERS, TUBULAR TEMPORARY</td>
<td>T-TOP DELINEATOR POST MODEL DT7: 28&quot;, 36&quot;, 39&quot; &amp; 42&quot;</td>
<td>BENT MANUFACTURING 888/882-2368 OR 888/842-0600</td>
<td>11/16/00</td>
<td>2299</td>
<td>A</td>
<td>APPROVED FOR LENGTHS ALLOWED IN THE SPECS.</td>
<td></td>
</tr>
<tr>
<td>00225.13 PAINT, TEMPORARY FOR ASPHALT OR CONCRETE</td>
<td>PAINT</td>
<td></td>
<td>12/04/08</td>
<td></td>
<td>A</td>
<td>SEE SECTION 00860, TRAFFIC PAINT, STANDARD.</td>
<td></td>
</tr>
<tr>
<td>00225.13 PAVEMENT MARKER ADHESIVE TEMPORARY</td>
<td>PAVEMENT MARKER, TEMP, ADH</td>
<td></td>
<td>03/01/10</td>
<td></td>
<td>A</td>
<td>SEE SECTION 00855, PERMANENT PAVEMENT MARKER ADHESIVE.</td>
<td></td>
</tr>
<tr>
<td>00225.13 PAVEMENT MARKER TEMPORARY</td>
<td>PAVEMENT MARKER, TEMPORARY</td>
<td></td>
<td>12/04/08</td>
<td></td>
<td>A</td>
<td>SEE SECTION 00855, PERMANENT PAVEMENT MARKERS.</td>
<td></td>
</tr>
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<td>00225.13</td>
<td>PAVEMENT MARKER, FLEXIBLE TEMPORARY CHIPSEAL / OVERLAY MARKER</td>
<td>TRPM DAVIDSON FLEXIBLE MARKER (TRPM OR TOM)</td>
<td>PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518</td>
<td>08/10/88</td>
<td>160</td>
<td>A</td>
<td>FOR PAVEMENT MARKING PRIOR TO PERMANENT STRIPING. WITH AND W/O CLEAR COVER. REMOVE COVER. ASPHALT TEMPS UP TO 325 DEG F.</td>
</tr>
<tr>
<td>00225.13</td>
<td>PAVEMENT MARKER, FLEXIBLE TEMPORARY CHIPSEAL / OVERLAY MARKER</td>
<td>TRPM-HIGH HEAT FLEXIBLE MARKER (TRPM OR TOM)</td>
<td>PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518</td>
<td>10/14/10</td>
<td>4169</td>
<td>A</td>
<td>FOR PAVEMENT MARKING PRIOR TO PERMANENT STRIPING. WITH AND W/O CLEAR COVER. REMOVE COVER. ASPHALT TEMPS OVER 325 DEG F.</td>
</tr>
<tr>
<td>00225.13</td>
<td>PLASTIC DRUMS TEMPORARY</td>
<td>B400A/LD4-4HI-TB</td>
<td>WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100 HIGHWAY TECHNOLOGIES 503/234-0255</td>
<td>02/12/09</td>
<td>3548</td>
<td>A</td>
<td>MUST USE TIRE RING BASE, THE RUBBER INSERTS ARE NOT OK. CATALOG# 2858 B400A 4-4HI TB</td>
</tr>
<tr>
<td>00225.13</td>
<td>PLASTIC DRUMS TEMPORARY</td>
<td>B500LC 4-6 Hi/TB &quot;LANE CHANGER&quot;</td>
<td>WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100 RA LUCAS 562/799-6160</td>
<td>01/13/11</td>
<td>4277</td>
<td>A</td>
<td>MUST USE TIRE RING BASE, THE RUBBER INSERTS ARE NOT OK.</td>
</tr>
<tr>
<td>00225.13</td>
<td>PLASTIC DRUMS TEMPORARY</td>
<td>LIFEGARD CHANNELIZER (LDPE) MODEL# LG-L/44HO</td>
<td>PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518</td>
<td>02/13/92</td>
<td>846</td>
<td>A</td>
<td>USES RECYCLED TIRES FOR BASE. REQ HI SHEETING. LO DENSITY. MANUFACTURER IS RECOMMENDING USING 2 BASES FOR HIGH SPEEDS.</td>
</tr>
<tr>
<td>00225.13</td>
<td>PLASTIC DRUMS TEMPORARY</td>
<td>LIFEGARD II MODEL# LG2-L/44HO</td>
<td>PLASTIC SAFETY SYSTEMS 800/662-6338 TRAFFIC SAFETY 800/547-8518</td>
<td>08/12/04</td>
<td>2744</td>
<td>A</td>
<td>LOW DENSITY REQUIRED. HI OR BETTER REQUIRED ON ALL DRUMS FOR JOBS BID AFTER JAN 1, 2005</td>
</tr>
<tr>
<td>00225.13</td>
<td>PLASTIC DRUMS TEMPORARY</td>
<td>PLASTICADE ECONOCODE II TRAFFIC DRUM</td>
<td>PLASTICADE 800/772-0355</td>
<td>06/10/13</td>
<td>4661</td>
<td>A</td>
<td>LOW DENSITY MODEL WITH HI SHEETING</td>
</tr>
<tr>
<td>00225.13</td>
<td>PLASTIC DRUMS TEMPORARY</td>
<td>RHINO CHANNELIZER DRUM MODEL 454-LD-44-HI</td>
<td>PLASTICADE 800/772-0355 KEVIN HARLEY 520/247-5433</td>
<td>10/09/08</td>
<td>3426</td>
<td>A</td>
<td>TIRE RING BASE(S) ONLY.</td>
</tr>
</tbody>
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<th>Remarks</th>
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<tr>
<td>00225.13</td>
<td>PLASTIC DRUMS TEMPORARY</td>
<td>SUPERDOME DRUM SD-44H-0-LDTR WITH SDBTR TIRE RING BASE</td>
<td>BENT MANUFACTURING</td>
<td>08/13/09</td>
<td>3911</td>
<td>A</td>
<td>HI SHEETING. THIS IS THE LOW DENSITY VERSION. THE TIRE RING BASE SUPPLIED BY BENT IS THE ONLY APPROVED BASE.</td>
</tr>
<tr>
<td>00225.13</td>
<td>PLASTIC DRUMS TEMPORARY</td>
<td>SUPERDOME DRUM SD-44H-LD NO TIRE RING VERSION.</td>
<td>BENT MANUFACTURING</td>
<td>12/10/98</td>
<td>1529</td>
<td>A</td>
<td>MIN BASE WT 25#. HI SHEETING. THIS IS LOW DENSITY VERSION. TIRE RING BASES ARE NOT APPROVED ON THIS UNIT (6/09).</td>
</tr>
<tr>
<td>00225.13</td>
<td>PLASTIC DRUMS TEMPORARY</td>
<td>TRAFFIX LOGIX CHANNELIZER DRUM 53242, 53241, 53262, 53261</td>
<td>TRAFFIX LOGIX 866/915-6449</td>
<td>01/11/07</td>
<td>2992</td>
<td>A</td>
<td>LDPE VERSION ONLY.</td>
</tr>
<tr>
<td>00225.13</td>
<td>PLASTIC DRUMS TEMPORARY</td>
<td>TRAFFIX CHANNELIZER 18044-LD-HI MODEL# 18044-LD-HI</td>
<td>TRAFFIX DEVICES</td>
<td>10/04/90</td>
<td>568</td>
<td>A</td>
<td>USE LOW DENSITY TYPE, BUT HIGH DENSITY VERSION LOOKS SIMILAR. SAN-FIL OR TIRE BASE. DENSITY ON BARREL. HI SHEETING REQU.</td>
</tr>
<tr>
<td>00225.13</td>
<td>REFLECTIVE SHEETING-BARRICADE</td>
<td>AURA 150 ASTMD4956-TYPE III PRISMATIC</td>
<td>AURA OPTICAL SYSTEMS, L.P. 801/668-3439</td>
<td>06/10/13</td>
<td>4610</td>
<td>A</td>
<td>FOR BARRICADES</td>
</tr>
<tr>
<td>00225.13</td>
<td>REFLECTIVE SHEETING-BARRICADE</td>
<td>3-M SERIES 334/336 ASTMD4956-TYPE III/VI PRISMATIC</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>06/08/06</td>
<td>2951</td>
<td>A</td>
<td>FOR BARRICADES. PLASTIC TYPES NEED SPECIAL PREP APPROVED BY 3-M PRIOR TO SHEETING INSTALLATION.</td>
</tr>
<tr>
<td>00225.13</td>
<td>REFLECTIVE SHEETING-BARRICADE</td>
<td>AVERY DENNISON W-6100 &amp; W-6200 ASTMD4956-TYPE IV. PRISMATIC</td>
<td>AVERY DENNISON 800/327-5917</td>
<td>06/11/09</td>
<td>2348</td>
<td>A</td>
<td>PRISMATIC - TYPE IV. W-6100: PLASTIC; W-6200: WOOD</td>
</tr>
<tr>
<td>00225.13</td>
<td>REFLECTIVE SHEETING-DRUMS</td>
<td>REFLEXITE RESILIENT C86 WHITE &amp; FLUORESCENT ORANGE</td>
<td>ORAFOL</td>
<td>07/25/12</td>
<td>4510</td>
<td>A</td>
<td>FOR TUBES AND DRUMS</td>
</tr>
<tr>
<td>00225.13</td>
<td>REFLECTIVE SHEETING-DRUMS</td>
<td>HI IMPACT CHANNELIZER TAPE ASTMD4956-TYPE IV. PRISMATIC</td>
<td>ORAFOL</td>
<td>01/11/07</td>
<td>1748</td>
<td>A</td>
<td>WAS NAMED REFLEXITE.</td>
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<tr>
<td>00225.13</td>
<td>REFLECTIVE SHEETING-DRUMS</td>
<td>3-M SERIES 3810/3814</td>
<td>3-M COMPANY TSSD 800/553-1380, SCOTT ELLWOOD 503/309-9160</td>
<td>06/08/06</td>
<td>2589</td>
<td>A</td>
<td>FOR TUBES AND DRUMS ONLY.</td>
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<tr>
<td>00225.13</td>
<td>REFLECTIVE SHEETING-DRUMS</td>
<td>AVERY DENNISON WR6100 &amp; WR6104</td>
<td>AVERY DENNISON 800/327-5917</td>
<td>05/13/10</td>
<td>3589</td>
<td>A</td>
<td>WHITE: WR6100; ORANGE: WR6104. DESIGNED FOR REBOUNDABLE SUBSTRATES.</td>
</tr>
<tr>
<td>00225.13</td>
<td>REFLECTIVE SHEETING-TUBES FOR TUBULAR MARKERS</td>
<td>REFLEXITE CONFORMALITE</td>
<td>ORAFOL, TOM PLUMB 619/300-0128, BROOK JERZYK 860/676-7100</td>
<td>12/09/99</td>
<td>1747</td>
<td>A</td>
<td>WAS NAMED REFLEXITE</td>
</tr>
<tr>
<td>00225.13</td>
<td>REFLECTIVE SHEETING-TUBES FOR TUBULAR MARKERS PRISMATIC</td>
<td>REFLEXITE RESILIENT</td>
<td>ORAFOL, TOM PLUMB 619/300-0128, BROOK JERZYK 860/676-7100</td>
<td>07/25/12</td>
<td>4510</td>
<td>A</td>
<td>FOR TUBES AND DRUMS</td>
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<tr>
<td>00225.13</td>
<td>TAPE, NON-REFLECTIVE TEMPORARY, REMOVABLE</td>
<td>3-M A145 REMOVABLE BLACK TAPE</td>
<td>3-M COMPANY TSSD 800/553-1380, SCOTT ELLWOOD 503/309-9160</td>
<td>12/09/04</td>
<td>1411</td>
<td>A</td>
<td>BLACK REMOVABLE TAPE. DOES NOT HAVE BEADS. SURFACE NEEDS TO BE CLEAN, DRY, AND WARM. CHECK MUTCD FOR APPLICABILITY.</td>
</tr>
<tr>
<td>00225.13</td>
<td>TAPE, NON-REFLECTIVE TEMPORARY, REMOVABLE</td>
<td>3-M SERIES 715 Temporary Tape</td>
<td>3-M COMPANY TSSD 800/553-1380, SCOTT ELLWOOD 503/309-9160</td>
<td>07/20/12</td>
<td>4484</td>
<td>A</td>
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</tr>
<tr>
<td>00225.13</td>
<td>TAPE, NON-REFLECTIVE TEMPORARY, REMOVABLE</td>
<td>ATM 280</td>
<td>ADVANCED TRAFFIC MARKINGS 252/536-2574, ALPINE PRODUCTS 253/351-9828, RAELEEN LUCAS 562/799-6160</td>
<td>11/10/05</td>
<td>2799</td>
<td>A</td>
<td>BLACK NON-REFLECTIVE TAPE.</td>
</tr>
<tr>
<td>00225.13</td>
<td>TAPE, NON-REFLECTIVE TEMPORARY, REMOVABLE</td>
<td>DELTALINE BTR</td>
<td>BRITE-LINE TECH: 888/375-1293, TAPE: GORDON SILL 720/473-6217, PAT DONNELLY: 918/691-1248, BILL JUBAK: 702/649-9223</td>
<td>05/12/05</td>
<td>2838</td>
<td>A</td>
<td>BLACK NON-REFLECTIVE TAPE.</td>
</tr>
<tr>
<td>00225.13</td>
<td>TAPE, TEMPORARY NON-REMOVABLE</td>
<td>FOL 200 CONSTRUCTION GRADE</td>
<td>FOL TAPE 888/365-8273</td>
<td>08/08/07</td>
<td>80</td>
<td>A</td>
<td>EVALUATED ON PAVEMENT MARKING TEST PROJECT, SALEM PARKWAY 4&quot; X 300 FEET. FOIL BACKED. MUST BE DRY.</td>
</tr>
</tbody>
</table>

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<tr>
<td>00225.13</td>
<td>TAPE, TEMPORARY NON-REMOVABLE</td>
<td>FOL 300 WET REFLECTIVE</td>
<td>FOL TAPE 888/365-8273</td>
<td>08/08/07</td>
<td>1162 A</td>
<td>A</td>
<td>EVALUATED ON PAVEAMENT MARKING TEST PROJECT, SALEM PARKWAY 4&quot; X 150 FEET. LARGER BEADS THAN FLEX-O-LINE 200. FOIL BA K</td>
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<tr>
<td>00225.13</td>
<td>TAPE, TEMPORARY REMOVABLE</td>
<td>3-M SERIES 780WR / 781WR</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>07/10/08</td>
<td>3386 A</td>
<td>A</td>
<td>HAS WET WEATHER ATTRIBUTES.</td>
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<tr>
<td>00225.13</td>
<td>TAPE, TEMPORARY REMOVABLE</td>
<td>BRITE-LINE 100</td>
<td>BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223</td>
<td>08/10/06</td>
<td>788 A</td>
<td>A</td>
<td>VERY STRONG. TEMPERATURE MUST BE 60F &amp; UP WITH CLEAN, DRY SURFACE. TAPE PULLED STRAIGHT UP TO REMOVE, NO HEAT, SOLVENTS, ETC.</td>
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<tr>
<td>00225.13</td>
<td>TAPE, TEMPORARY TEMPORARY, REMOVABLE</td>
<td>3-M SERIES 710.711</td>
<td>3-M COMPANY TSSD 800/553-1380</td>
<td>07/20/12</td>
<td>4484 A</td>
<td>A</td>
<td></td>
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<tr>
<td>00225.13</td>
<td>TRANSVERSE RUMBLE STRIPS TEMPORARY</td>
<td>ROADQUAKE 2 TEMPORARY PORTABLE RUMBLE STRIP</td>
<td>PLASTIC SAFETY SYSTEMS 216/244-3207</td>
<td>07/27/12</td>
<td>4489 A</td>
<td>A</td>
<td>SPEEDS OF 65MPH OR LESS</td>
</tr>
<tr>
<td>00225.15</td>
<td>TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT</td>
<td>ADDCO PTS-2000</td>
<td>ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683 TRAFFIC SAFETY 800/547-8518</td>
<td>01/12/06</td>
<td>1586 Q</td>
<td>Q</td>
<td>PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.</td>
</tr>
<tr>
<td>00225.15</td>
<td>TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT</td>
<td>HORIZON SQ-3TS</td>
<td>HORIZON SIGNAL 800/852-8796 HIWAY SPECIALTIES 503/390-1113</td>
<td>01/12/06</td>
<td>2646 Q</td>
<td>Q</td>
<td>PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.</td>
</tr>
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<tr>
<td>00225.15</td>
<td>TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT</td>
<td>MODEL PTL 2.4X</td>
<td>NORTH AMERICA TRAFFIC 877/352-4626</td>
<td>10/09/08</td>
<td>3683</td>
<td>Q</td>
<td>PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.</td>
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<tr>
<td>00225.15</td>
<td>TRAFFIC SIGNAL, PORTABLE TRAILER MOUNT</td>
<td>RC FLAGMAN PTL 2.4</td>
<td>NORTH AMERICA TRAFFIC 877/352-4626</td>
<td>02/08/07</td>
<td>3297</td>
<td>Q</td>
<td>PROJECT MUST INCLUDE SPECS FOR PORTABLE SIGNALS. APPROVAL NEEDED PRIOR TO USE.</td>
</tr>
<tr>
<td>00225.16</td>
<td>OVERHEIGHT VEHICLE WARNER</td>
<td>SAFETY PASS SP-D12</td>
<td>ASTI TRANSPORTATION SYSTEMS 302/328-3220</td>
<td>06/14/07</td>
<td>3283</td>
<td>A</td>
<td>PCMS DEVICES CONNECTED TO THIS DEVICE MUST BE FROM QPL.</td>
</tr>
<tr>
<td>00225.16</td>
<td>OVERHEIGHT VEHICLE WARNER</td>
<td>TRIGG VEHICLE DETECTION &amp; WARNING</td>
<td>TRIGG VEHICLE DET. &amp; WARNING 757/223-7522</td>
<td>10/12/95</td>
<td>1362</td>
<td>A</td>
<td>THIS IS A SINGLE OR DOUBLE BEAM WARNING DEVICE WITH AN AUDIBLE AND VISUAL WARNING. ATTACHED PCMS MUST BE ON QPL.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER</td>
<td>SOLAR MESSAGE CENTER</td>
<td>WORK AREA PROTECTION (SCI) 800/327-4417 RA LUCAS 562/799-6160</td>
<td>09/12/12</td>
<td>4517</td>
<td>A</td>
<td>2012 DEMO</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER</td>
<td>CMS T-331</td>
<td>AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12</td>
<td>09/12/12</td>
<td>4515</td>
<td>A</td>
<td>2012 DEMO</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER</td>
<td>WTLMB (A)</td>
<td>WANCO, INC. 800/972-0755</td>
<td>09/12/12</td>
<td>4519</td>
<td>A</td>
<td>2012 DEMO</td>
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<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER</td>
<td>CMS T-333</td>
<td>AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12</td>
<td>09/12/12</td>
<td>4516</td>
<td>A</td>
<td>2012 DEMO</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER</td>
<td>SILENT MESSENGER MB-1548-OR</td>
<td>SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600</td>
<td>01/12/06</td>
<td>3217</td>
<td>A</td>
<td>PASSED 10/6/05 DEMO.</td>
</tr>
</tbody>
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</thead>
<tbody>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - 3 LED'S PER PIXEL</td>
<td>SILENT MESSENGER MB-3048-OR</td>
<td>SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600</td>
<td>10/10/02</td>
<td>2655</td>
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<td>PASSED 9/24/02 DEMO.</td>
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<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - 3 LED'S PER PIXEL</td>
<td>SILENT MESSENGER MB-4048-OR</td>
<td>SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600</td>
<td>01/12/06</td>
<td>2190</td>
<td>A</td>
<td>PASSED 3/14/00 DEMO. DID NOT ATTEND DEMO 9/24/02 PASSED 10/6/05 DEMO. OKAY TO USE.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL</td>
<td>ADDCO DH-1000-ALS LED-ODOT</td>
<td>ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683 TRAFFIC SAFETY 800/547-8518</td>
<td>10/10/02</td>
<td>1649</td>
<td>A</td>
<td>PASSED 9/24/02 DEMO.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL</td>
<td>CMS T-331-1B W/AIMSTAR</td>
<td>AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12</td>
<td>10/10/02</td>
<td>2665</td>
<td>A</td>
<td>PASSED 9/24/02 DEMO.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL</td>
<td>CMS T-333-1C W/AIMSTAR</td>
<td>AMERICAN SIGNAL 770/448-6650 TIM PAULINO - EXT 12</td>
<td>10/10/02</td>
<td>2666</td>
<td>A</td>
<td>PASSED 9/24/02 DEMO.</td>
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<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL</td>
<td>SUNRAY 390 - 2165033</td>
<td>NATIONAL SIGNAL 888/994-0300</td>
<td>12/10/09</td>
<td>3227</td>
<td>A</td>
<td>PASSED 10/6/05 DEMO.</td>
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<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL</td>
<td>SUNRAY SOLAR 380 - 2165650</td>
<td>NATIONAL SIGNAL 888/994-0300</td>
<td>12/10/09</td>
<td>2663</td>
<td>A</td>
<td>PASSED 9/24/02 DEMO.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL</td>
<td>VANGUARD VP-1300-3X8-18-A</td>
<td>DAKTRONICS 888/325-8766</td>
<td>01/12/06</td>
<td>3215</td>
<td>A</td>
<td>PASSED DEMO ON 10/6/05.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL</td>
<td>VER-MAC PCMS 1210-22</td>
<td>VER-MAC 888/488-7446</td>
<td>01/12/06</td>
<td>3222</td>
<td>A</td>
<td>PASSED DEMO ON 10/6/05.</td>
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<tbody>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL</td>
<td>VER-MAC PCMS 12100R</td>
<td>VER-MAC 888/488-7446</td>
<td>06/10/04</td>
<td>2983</td>
<td>A</td>
<td>IMPROVED VERSION. PASSED DEMO PERFORMED BY TRAFFIC SECTION. PLACED ON ODOT BID #9223 4/04. MATCH MODEL # EXACTLY!</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL</td>
<td>VER-MAC PCMS 1210QS</td>
<td>VER-MAC 888/488-7446</td>
<td>01/12/06</td>
<td>3174</td>
<td>A</td>
<td>PASSED DEMO ON 10/6/05.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL</td>
<td>WANCO WTMMB-SLL (A)-08</td>
<td>WANCO, INC. 800/972-0755</td>
<td>07/09/09</td>
<td>3861</td>
<td>A</td>
<td>OFFICIAL DEMO: 5-20-09 OK.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - 4 LED'S PER PIXEL</td>
<td>WTLMB-S-LL(A)</td>
<td>WANCO, INC. 800/972-0755</td>
<td>10/10/02</td>
<td>2669</td>
<td>A</td>
<td>FAILED 3/00 DEMO, BUT PASSED 9/24/02 DEMO. OKAY TO USE.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRAILER SOLAR - HYBRID W/2 LED'S</td>
<td>ADDCO DH-1000-SLD LED-ODOT</td>
<td>ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683 TRAFFIC SAFETY 800/547-8518</td>
<td>10/10/02</td>
<td>1180</td>
<td>A</td>
<td>FLUORESCENT FLIP DISCS W/LEDs. FAILED EARLIER DEMOS, BUT PASSED THE 9-24-02 DEMO.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRUCK 2 LINES-3 LED'S PER PIXEL</td>
<td>LITEREADE 1020A-3</td>
<td>LITESYS INC. / INTELICOM, INC. 406/388-9317</td>
<td>10/10/02</td>
<td>2660</td>
<td>A</td>
<td>PASSED 9/24/02 DEMO.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL</td>
<td>ADDCO 2 LINE #VM-4X4H</td>
<td>ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683</td>
<td>09/09/10</td>
<td>3862</td>
<td>A</td>
<td>FAILED 5/20/09 DEMO, BUT AFTER A CLOSER LOOK IT WAS APPROVED.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL</td>
<td>LITEREADE 1020A-4</td>
<td>LITESYS INC. / INTELICOM, INC. 406/388-9317</td>
<td>10/10/02</td>
<td>2263</td>
<td>A</td>
<td>PASSED 9/24/02 DEMO.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL</td>
<td>LITEREADE 1020A-W</td>
<td>LITESYS INC. / INTELICOM, INC. 406/388-9317</td>
<td>10/10/02</td>
<td>2659</td>
<td>A</td>
<td>PASSED 9/24/02 DEMO.</td>
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<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL</td>
<td>LITEREADER 1020F-4W-1</td>
<td>LITESYS INC. / INTELICOM, INC. 406/388-9317</td>
<td>04/13/06</td>
<td>3219</td>
<td>A</td>
<td>PASSED 3/23/06 DEMO. IT IS A MODIFIED VERSION OF 1020F-4W.</td>
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<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL</td>
<td>TM-248</td>
<td>WANCO, INC. 800/972-0755</td>
<td>10/10/02</td>
<td>2673</td>
<td>A</td>
<td>PASSED 9/24/02 DEMO. PRODUCTION CEASED: PRIOR TO 3/30/11.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRUCK 2 LINES-4 LED'S PER PIXEL</td>
<td>WMRTP-2</td>
<td>WANCO, INC. 800/972-0755</td>
<td>10/10/02</td>
<td>2668</td>
<td>A</td>
<td>PASSED 9/24/02 DEMO. PRODUCT LINE DISCONTINUED IN 2004.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRUCK 3 LINES-3 LED'S PER PIXEL</td>
<td>LITEREADER 1030A-3</td>
<td>LITESYS INC. / INTELICOM, INC. 406/388-9317</td>
<td>10/10/02</td>
<td>2662</td>
<td>A</td>
<td>PASSED 9/24/02 DEMO.</td>
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<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRUCK 3 LINES-3 LED'S PER PIXEL</td>
<td>SILENT MESSENGER MB-722-448</td>
<td>SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600</td>
<td>10/10/02</td>
<td>2656</td>
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<td>PASSED 9/24/02 DEMO.</td>
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<td>00225.16</td>
<td>PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL</td>
<td>ADDCO 3 LINE #VM-6X2V</td>
<td>ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683</td>
<td>07/09/09</td>
<td>3863</td>
<td>A</td>
<td>OFFICIAL DEMO 5/20/09: OK.</td>
</tr>
<tr>
<td>00225.16</td>
<td>PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL</td>
<td>LITEREADER 1030A-4</td>
<td>LITESYS INC. / INTELICOM, INC. 406/388-9317</td>
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<td>PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL</td>
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<td>PCMS / PVMS - TRUCK 3 LINES-4 LED'S PER PIXEL</td>
<td>LITEREADER 1030F-4W-1</td>
<td>LITESYS INC. / INTELICOM, INC. 406/388-9317</td>
<td>04/09/09</td>
<td>3221</td>
<td>A</td>
<td>PAPERWORK LOOKS OKAY. DEMO ON 3/9/09. MODIFIED VERSION OF 1030F-4W TO CORRECT PROBLEMS.</td>
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</table>

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<td>ADDCO 651/488-8600 DAVID BERKMAN 206/369-5683 TRAFFIC SAFETY 800/547-8518</td>
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<td>SEQUENTIAL ARROW SIGN</td>
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<td>WANCO WTSP 75-LSAC-08</td>
<td>WANCO, INC. 800/972-0755</td>
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<td>WANCO, INC. 800/972-0755</td>
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<td>ECLIPSE 2200/SE APF</td>
<td>ALLMAND BROTHERS 800/562-1373 WRIGHT-LANDSON CO 503/659-7635</td>
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<td>TEREX AMIDA 803/324-3011 FRED UNSWORTH 707/996-9650 FORESS SIGNS 541/928-5858</td>
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<td>ARROWMASTER IV MODEL# WAAW 25SB</td>
<td>WORK AREA PROTECTION (SCI) 800/327-4417</td>
<td>06/11/98</td>
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<td>LED - SOLAR POWER. 25 LIGHT VERSION. PRODUCTION CEASED: PRIOR TO 3/30/11</td>
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<td>SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE &quot;C&quot;. LED, SOLAR POWERED</td>
<td>SILENT SENTINEL</td>
<td>SOLAR TECHNOLOGY 800/475-5442 JOHN HAYES 484/223-4974 SALES 610/391-8603 TECH SUPPORT: 610/391-8600</td>
<td>01/14/93</td>
<td>932</td>
<td>A</td>
<td>SOLAR POWERED ARROWBOARD. IT WILL DO A CHEVRON AND APPEARS TO BE OK FOR OREGON'S CLIMATE. LED'S ADDED 11/97.</td>
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<td>00225.16</td>
<td>SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE &quot;C&quot;. LED, SOLAR POWERED</td>
<td>SUN-UP SOLAR ARROW PANEL MODEL 100</td>
<td>NATIONAL SIGNAL 888/994-0300 888/994-0300 DIST: CANTEL OF MEDFORD JOHN HUGHES, 541/773-2765</td>
<td>12/10/98</td>
<td>1801</td>
<td>A</td>
<td>UNIT IS SOLAR POWERED ELECTRONIC FLASHING ARROW. PRODUCTION CEASED: 7/0/09.</td>
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<td>SEQUENTIAL ARROW SIGN TRAILER MOUNTED TYPE &quot;C&quot;. LED, SOLAR POWERED</td>
<td>WANCO WTSP110-LSAC</td>
<td>WANCO, INC. 800/972-0755</td>
<td>11/16/00</td>
<td>2331</td>
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<td>FIELD DEMO: 10/24/00 - OK FOR LEGIBILITY AT 1 MILE. LED Lens.</td>
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<td>00225.16C</td>
<td>PTMS VENDOR</td>
<td>ASTI</td>
<td>ASTI TRANSPORTATION SYSTEMS 302/328-3220</td>
<td>09/09/10</td>
<td>4071</td>
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<td>ELEVATED, TRAILER-MOUNTED, MICROWAVE / BLUETOOTH SENSORS.</td>
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<td>PTMS VENDOR</td>
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<td>ICONE PRODUCTS 315/626-6800</td>
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<td>GROUND-MOUNTED, DOPPLER RADAR SENSORS WITHIN PORTABLE TRAFFIC DRUMS.</td>
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<td>PTMS VENDOR</td>
<td>JAMLOGIC PTS</td>
<td>VER-MAC 888/488-7446</td>
<td>08/11/11</td>
<td>4075</td>
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<td>ELEVATED, TRAILER-MOUNTED, DOPPLER/ MICROWAVE/ BLUETOOTH SENSORS.</td>
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<td>00225.17</td>
<td>FLAGGER STATION LIGHTING TEMPORARY</td>
<td>FLEX 4000 WATT</td>
<td>AIRSTAR SPACE LIGHTING 800/217-9001 X3</td>
<td>12/21/12</td>
<td>4584</td>
<td>A</td>
<td>ONLY TWO METAL HALIDE LIGHTS ENERGIZED FOR FLAGGER LIGHTING</td>
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<tr>
<td>00225.17</td>
<td>FLAGGER STATION LIGHTING TEMPORARY</td>
<td>MAGNUM MLT3060DOT</td>
<td>MAGNUM PRODUCTS 800/926-9768 UNITED RENTALS 920/279-6368</td>
<td>08/13/09</td>
<td>3933</td>
<td>A</td>
<td>TRAILER MOUNTED. HAS BOTH FLAGGER &amp; CONSTRUCTION LAMPS. THE HI POWER LAMPS ARE NOT FOR FLAGGER STATIONS.</td>
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</tbody>
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<td>PRODIGY 33L PACESETTER</td>
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<td>4700</td>
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<td>DEMO 2/13/14</td>
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<td>FLAGGER STOP/SLOW PADDLE FLASHING</td>
<td>TAPCO 800/236-0112 TRAFFIC SAFETY 800/547-8518</td>
<td>08/14/05</td>
<td>3008</td>
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<td>HAS LIGHTS AROUND THE PERIMETER ON BOTH SIDES.</td>
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<td>FLAGGER STOP/SLOW PADDLE LIGHTED - HAND HELD</td>
<td>TRAFF-ALERT 18 (TA18AXTP)</td>
<td>04/08/10</td>
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<td>HAND HELD UNIT.</td>
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<td>FLAGGER STOP/SLOW PADDLE LIGHTED - POLE MOUNTED</td>
<td>TRAFF-ALERT 18 (TA18AX6SP)</td>
<td>04/08/10</td>
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<td>FLAGGER STOP/SLOW PADDLE ROLL-UP, NON-FLASHING EMERGENCY USE ONLY</td>
<td>FAN-A-SIGN MODEL MR18</td>
<td>04/11/02</td>
<td>2471</td>
<td>A</td>
<td>MARATHON SHEETING. MUST HAVE SNAP ON HANDLE TO BE SEMI-RIGID. FOR EMERGENCY USE ONLY.</td>
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<td>FLAGGER STOP/SLOW PADDLE ROLL-UP, NON-FLASHING EMERGENCY USE ONLY</td>
<td>STOP SLOW PADDLE DG, ROLL-UP</td>
<td>04/13/00</td>
<td>1922</td>
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<td>USES 3-M DIAMOND GRADE SHEETING. PASSED RETRO TESTS. FOR EMERGENCY USE ONLY. DURABILITY MAY BE A QUESTION.</td>
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<td>OUTLET PROTECTION- TYPE 3 FLOCCULENT</td>
<td>CHITOVAN LIQUID (ACETATE) 1% 200/730-5370 ACF WEST 800/878-5115 CSI GEOSYNTHETICS 800/426-7976</td>
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<td>08/14/03</td>
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<td>DESIGNED TO REMOVE SUSPENDED SOILS AND METALS. MUST BE USED WITH SAND FILTER OR BIO-FILTRATION.</td>
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<td>AIRTROL GEOBINDER</td>
<td>USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594 HANES GEO COMPONENTS 800/324-4595</td>
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<td>DUST ARMOUR</td>
<td>USG CORPORATION 916/417-5048 HANES GEO COMP. 800/324-4594</td>
<td>07/09/09</td>
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<td>DUST STOP</td>
<td>CYPFER INTERNATIONAL LTD. 204/489-1214</td>
<td>01/10/08</td>
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<td>MFG CLAIMS NATURAL POLYSACCHARIDES.</td>
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<td>FIBER MARKETING 800/426-6002</td>
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<td>PAM 12</td>
<td>ENCAP 877/405-5050 MEADOWLAND SEED 877/463-2369</td>
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<td>PAPER/STRAW WITH TACKIFIER.</td>
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<td>CLIFFHANGER TACK</td>
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<td>CHEMICAL DUST CONTROL-DRY</td>
<td>J-3000 GUAR</td>
<td>RECLAMARE COMPANY ED JOHNSON 206/824-2385</td>
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<td>ACCEPTABLE AS A TACKING AGENT.</td>
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<td>00280.14E</td>
<td>MATTING - TYPE H FLEXIBLE CHANNEL LINER</td>
<td>RECYCLEX TRM-V</td>
<td>AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426</td>
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<td>00280.14E</td>
<td>SLOPE MATTING TYPE B &amp; D</td>
<td>GEOJUTE PLUS</td>
<td>BELTON INDUSTRIES INC 800/225/4099 ACF WEST INC 503/771/5115</td>
<td>06/30/11</td>
<td>2490</td>
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<td>CHECK DAM, TYPE 3</td>
<td>CURLEX SEDIMENT LOG</td>
<td>AMERICAN EXCELSIOR 888/352-9582 OR 715/236-5643 HANES GEO COMPONENTS 360/699-1426</td>
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<td>CHECK DAM, TYPE 3</td>
<td>GRABHORN BIO FILTER BAG</td>
<td>GRABHORN, INC. 503/628-1866</td>
<td>11/12/09</td>
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<td>00280.15A</td>
<td>CHECK DAM, TYPE 3</td>
<td>RICE STRAW FIBER ROLL</td>
<td>KRISTAR ENTERPRIS 800/579-8819</td>
<td>11/09/06</td>
<td>2634</td>
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<td>STANDARD DRAWING RD1005</td>
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<td>00280.15A</td>
<td>CHECK DAM, TYPE 4</td>
<td>WOVEN POLYPROPYLENE SANDBAG MODEL: PPB142671600</td>
<td>SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692</td>
<td>07/11/02</td>
<td>2429</td>
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<th>LIST</th>
<th>REMARKS</th>
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<td>00280.15A</td>
<td>CHECK DAM, TYPE 5</td>
<td>GEOBALE</td>
<td>GEOHAY 864/472-7000</td>
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<td>CHECK DAM, TYPE 5</td>
<td>GEOFILTER</td>
<td>GEOHAY 864/472-7000</td>
<td>12/13/07</td>
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<td>00280.15A</td>
<td>CHECK DAM, TYPE 5</td>
<td>GEO-RIDGE</td>
<td>NILEX 303/766-2000</td>
<td>04/14/05</td>
<td>2357</td>
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<td>OK FOR REDUCING VELOCITIES, BUT NOT AS A CHECK DAM ALONE. MUST USE IN CONJUNCTION WITH A MATING OR OTHER GROUND COVER.</td>
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<td>00280.15A</td>
<td>CHECK DAM, TYPE 5</td>
<td>TRIANGULAR SILT DIKE</td>
<td>TRIANGULAR SILT DIKE CO, INC.</td>
<td>09/13/01</td>
<td>1592</td>
<td>A</td>
<td>GEOTEXTILE FABRIC AND URETHANE FOAM.</td>
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<td>00280.15A</td>
<td>CHECK DAM, TYPE: OTHER</td>
<td>EARTHSAVER RICE STRAW WATTLES</td>
<td>RH DYCK 530/662-7700</td>
<td>11/09/06</td>
<td>2431</td>
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<td>OTHER - STRAW WATTLE STANDARD DRAWING RD1005</td>
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<td>CHECK DAM, TYPE: OTHER</td>
<td>STRAW WATTLE</td>
<td>PERMALOK/PERMEATEX STRAW WATTL</td>
<td>10/14/10</td>
<td>4194</td>
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<td>RICE STRAW</td>
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<td>00280.15D</td>
<td>SLOPE DRAIN, TEMPORARY</td>
<td>TRIANGULAR SILT DIKE</td>
<td>TRIANGULAR SILT DIKE CO, INC.</td>
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<td>1592</td>
<td>A</td>
<td>APPEARS TO BE A SUITABLE SUBSTITUTE FOR STRAW BALES OR SAND BAGS.</td>
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<td>00280.16C</td>
<td>SEDIMENT FENCE -SUPPORTED</td>
<td>TERRATEX SF-90</td>
<td>HANES GEO COMPONENTS</td>
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<td>00280.16C</td>
<td>SEDIMENT FENCE -UNSUPPORT</td>
<td>LP-30 POCKETED SEDIMENT FENCE</td>
<td>PROPEX 800/621-1273</td>
<td>09/14/06</td>
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<td>MIKE'S PROD POCKETED SILT FENCE</td>
<td>MIKE'S PRODUCTS 503/439-2379 RESPONSIVE SUPPLY 503/804-7860</td>
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<td>00280.16C</td>
<td>SEDIMENT FENCE - UNSUPPORT</td>
<td>TERRATEX SF-D 3606-848D</td>
<td>HANES GEO COMPONENTS 800-324-4594</td>
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<td>00280.16C</td>
<td>SEDIMENT FENCE - UNSUPPORT</td>
<td>GEOTK 190 SF POCKETED</td>
<td>GEOTK, LLC 360/750-1955</td>
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<td>INLET PROTECTION TYPE 3</td>
<td>REGULAR FLOW SILTSACK</td>
<td>ACF ENVIRONMENTAL 804/271/2363 AFC WEST 800/878/5115</td>
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<td>ENVIRO STRAW 9” STRAW WATTLE</td>
<td>ENVIRO-STRAW 208/270-1225</td>
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<td>DRAIN BAGS</td>
<td>SPILL CONTROL.INC 800/300-1649</td>
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<td>INLET PROTECTION - TYPE 3</td>
<td>DREAM STREAM GCDOTFB-3624</td>
<td>THE GATE COMPANY 360/273-5802 MANARK PRODUCTS 360/790-9271</td>
<td>10/14/10</td>
<td>4174</td>
<td>A</td>
<td>TYPE 3. VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR &amp; MAINTAIN AS REQUIRED</td>
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<tr>
<td>00280.16D</td>
<td>INLET PROTECTION - TYPE 3</td>
<td>FLEXSTORM INLET FILTER</td>
<td>INLET &amp; PIPE PROTECTION 866/287-8655 ADVANCED DRAINAGE SYSTEMS 800/821-6710</td>
<td>04/08/10</td>
<td>3965</td>
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<td>TYPE 3. VERIFY PRODUCT SIZE VS INLET SIZE. INSTALL PER MFG INSTRUCTIONS. MONITOR &amp; MAINTAIN AS REQUIRED</td>
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<td>HI-FLOW SILTSACK</td>
<td>ACF ENVIRONMENTAL&lt;br&gt;DAVID KELLY 800/448-3636&lt;br&gt;DIST.: ACF WEST, INC.&lt;br&gt;MELISSA HURLEY 503/771-5115</td>
<td>09/13/01</td>
<td>1164</td>
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<td>TYPE 3. VERIFY&lt;br&gt;PRODUCT SIZE VS INLET SIZE.&lt;br&gt;INSTALL PER MFG INSTRUCTIONS.&lt;br&gt;MONITOR &amp; MAINTAIN AS REQUIRED</td>
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<td>MIKE'S PRODUCTS 503/439-2379&lt;br&gt;RESPONSIVE SUPPLY 503/804-7860</td>
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<td>NON-WOVEN SILT SACK</td>
<td>ACF ENVIRONMENTAL&lt;br&gt;DAVID KELLY 800/448-3636</td>
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<td>STORM SENTINEL MODEL 4348</td>
<td>ENPAC CORPORATION 800/936-7229&lt;br&gt;PAT GOTHRO(ENPAC)253/437-5141&lt;br&gt;FNW- DOUG MYERS 253/437-5141&lt;br&gt;FNW- MIKE STEWART 503/240-6747</td>
<td>10/14/10</td>
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<td>TYPE 3. VERIFY&lt;br&gt;PRODUCT SIZE VS INLET SIZE.&lt;br&gt;INSTALL PER MFG INSTRUCTIONS.&lt;br&gt;MONITOR &amp; MAINTAIN AS REQUIRED</td>
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<td>SPILL CONTROL, INC&lt;br&gt;800/300-1649</td>
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<td>INLET PROTECTION - TYPE 3</td>
<td>STREAMGUARD</td>
<td>FOSS INTERNATIONAL AND&lt;br&gt;INFRASTRUCTURE SERVICES CO.&lt;br&gt;JOE SMITH 206/378-4101</td>
<td>10/11/01</td>
<td>1600</td>
<td>A</td>
<td>TYPE 3. VERIFY&lt;br&gt;PRODUCT SIZE VS INLET SIZE.&lt;br&gt;INSTALL PER MFG INSTRUCTIONS.&lt;br&gt;MONITOR &amp; MAINTAIN AS REQUIRED</td>
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<td>ULTRA-DRAIN GUARD</td>
<td>ULTRATECH INTERNATIONAL&lt;br&gt;800/353-1611 EXT 211</td>
<td>05/02/13</td>
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<td>ADJUSTABLE FRAME&lt;br&gt;INSTALL PER MFG INSTRUCTIONS.&lt;br&gt;MONITOR &amp; MAINTAIN AS REQUIRED</td>
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<td>00280.16D</td>
<td>INLET PROTECTION - TYPE 3</td>
<td>ULTRA-DRAIN GUARD RE-USABLE</td>
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<td>INLET PROTECTION - TYPE 3</td>
<td>ULTRA-DRAIN GUARD OIL &amp; SEDIME</td>
<td>ULTRATECH INTERNATIONAL&lt;br&gt;800/353-1611 EXT 211</td>
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<td>3309</td>
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<td>TYPE 3 FOR GAS &amp; OIL. VERIFY&lt;br&gt;PRODUCT SIZE VS INLET SIZE.&lt;br&gt;INSTALL PER MFG INSTRUCTIONS.&lt;br&gt;MONITOR &amp; MAINTAIN AS REQUIRED</td>
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<td>CURLEX SEDIMENT LOG</td>
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<td>INLET PROTECTION - TYPE 4</td>
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<td>INLET PROTECTION - TYPE 4</td>
<td>SILTRAP BIO BAGS</td>
<td>HIGHWAY FUEL 503/363-6444</td>
<td>11/13/08</td>
<td>3697</td>
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<td>PRESIZED WOOD CHIPS IN POLY MESH BAG.</td>
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<td>INLET PROTECTION - TYPE 4</td>
<td>SLOPEGARD 3</td>
<td>KRISTAR ENTERPRIS 800/579-8819</td>
<td>11/09/06</td>
<td>2633</td>
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<td>DREAM STREAM GCDOTFB-3624</td>
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<td>10/14/10</td>
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<td>00280.16D</td>
<td>INLET PROTECTION - TYPE 6</td>
<td>SS FIBER ROLLS (9X25) UV</td>
<td>EROSION CONTROL SERVICES MARK CLELLAND 208/337-4620</td>
<td>04/08/10</td>
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<td>INLET PROTECTION - TYPE 6 OTHER</td>
<td>CURB INLET SEDIMENT DAM</td>
<td>CARDWELL: 541/688-7609 FAMILIAN NW 800/456-8611</td>
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<td>06/11/09</td>
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<td>USE MFG APPROVED COMPOST MEDIA &amp; ADDITIVES &amp; MEET ODOT SPECS.</td>
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<td>DIRTBAG 55</td>
<td>ACF ENVIRONMENTAL</td>
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<td>THIS BAG IS 180&quot; BY 180&quot;. AND TESTED TO 100 LB/IN2. APPLICATION: DOWNSTREAM END OF PIPE.</td>
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<td>DAVID KELLY 800/448-3636</td>
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<td>MELISSA HURLEY 503/771-5115</td>
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<td>SACRAMENTO BAG CO 800/287-2247 BUSSARD EROSION CONTROL 800/252-2692</td>
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<td>CSI GEOSYNTHETICS 800/426-7976</td>
<td>09/13/01</td>
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<td>DO NOT USE IN WATER. RE-USEABLE. SUITABLE SUBSTITUTION FOR SAND BAGS.</td>
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<td>SEDIMAT</td>
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<td>GEOCELL</td>
<td>ENVIROGRID</td>
<td>GEO PRODUCTS 281/820-5493 CSI GEOSYNTHETICS 800/426-7976</td>
<td>05/08/03</td>
<td>2699</td>
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<td>POLYETHYLENE CELLULAR CONFINEMENT SYSTEM. ANCHORED WITH J-HOOKS. DESIGNED TO BE FILLED WITH A VARIETY OF ITEMS.</td>
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<td>SLOPE PROTECTION - TYPE 3 ARMORFLEX CLOSED CELL BLOCK</td>
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## ODOT CONSTRUCTION / MATERIALS SECTION
### QUALIFIED PRODUCTS LIST
#### APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
#### QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
#### JANUARY 2014

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<td>00398.00</td>
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<td>WILLIAMS FORM 800/255-0560 OR 503/285-4548</td>
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<td>THIS PRODUCT INCLUDES FOREIGN STEEL. USE ONLY WHEN SPECS ALLOW FOREIGN STEEL.</td>
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<td>SMARTDITCH</td>
<td>PENDA CORPORATION 800/356-7704</td>
<td>08/23/12</td>
<td>3864</td>
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<td>CONTACT STANDARDS ENGINEER BEFORE USE</td>
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<td>HENRY HE906 FLASHMASTER PLUS HENRY CO. 800/851-1131</td>
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<td>MEETS AASHTO M243. SEE ODOT SECTION 00445.12 AND ODOT SECTION 00445.47</td>
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<td>00446.0</td>
<td>TRENCH DRAIN - TYPE 2</td>
<td>TRENCH FORMER MHD 12&quot;</td>
<td>ABT, INC. 800/438-6057 BRAD SHORT 949/633-6111 NATHAN PAUL 443/956-9471</td>
<td>12/12/12</td>
<td>4423</td>
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<td>REVIEW WITH STANDARDS ENGINEER USES FOAM INSERT TO FORM CHANNEL IN CONCRETE</td>
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# ODOT CONSTRUCTION / MATERIALS SECTION
## QUALIFIED PRODUCTS LIST
### APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
### QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
### JANUARY 2014

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<td>NUCOR CORPORATION 800/677-1012 OR 800/428-9005 801/458-3691</td>
<td>01/25/94</td>
<td>1112</td>
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<td>EPOXY COATED</td>
<td>WESTERN COATING, INC. TOM WHITISH 800/835-0576</td>
<td>05/12/94</td>
<td>1115</td>
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<td>SEE APPENDIX &quot;A&quot; AT END OF QPL FOR IDENTIFICATION PICTURES.</td>
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<td>POWERS FASTENERS PATRICK BUCKLEY 914/235-6300 SALES NORTHWEST 206/762-5812 MASONS SUPPLY 800/537-3407</td>
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**Qualified Products List**

**Approved List - No Samples or Tests Required**

**Qualified List - Additional Requirements**

January 2014

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<th>Product Name</th>
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<th>Effective Date</th>
<th>Product Number</th>
<th>List</th>
<th>Remarks</th>
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<td>SIMPSON STRONG-TIE ROB CLAUSEN 630/543-2797 800-999-5095 WHITE CAP 503/287-4151</td>
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<th>REMARKS</th>
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<td>PRO-POXY 100</td>
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<td>Sika Corp 800/933-7452&lt;br&gt;THAD BROWN 425/486-5916&lt;br&gt;ATLAS SUPPLY 800/806-7952&lt;br&gt;MASON'S SUPPLY 800/537-3407</td>
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<td>Euclid Chemical 800/321-7628&lt;br&gt;DAVE DILLON 425/338-4958&lt;br&gt;MASON'S SUPPLY 800/537-3407</td>
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<td>Sika Carbodur CFRP</td>
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<td>URETHANE W/FIBERGLASS &amp; SAND.</td>
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<td>DYNAMIC SURFACE APPLICATIONS 800/491-5663</td>
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<td>SHOP &amp; MAINT COATING 3 COAT SYSTEM W/ORGANIC ZINC</td>
<td>SYSTEM SMC-4</td>
<td>WASSER 360/866-4517 800/627-2968</td>
<td>07/08/10</td>
<td>3375</td>
<td>Q</td>
<td>PRIMER-MC ZINC 2.8 INTERMEDIATE-FEROX B 2.8 LO GLOSS TOP-FEROX A 2.8 HI GLOSS TOP-LUSTER 2.8</td>
</tr>
<tr>
<td>00594.11</td>
<td>SHOP COATING 3 COAT SYSTEM W/INORGANIC ZINC</td>
<td>SYSTEM SC-1</td>
<td>CARBOLINE 800/848-4645 -2064</td>
<td>10/12/06</td>
<td>3370</td>
<td>Q</td>
<td>PRIMER-CARBOZINC 11HS INTERMEDIATE-CARBOGUARD 893 LO GLOSS TOP-CARBOTHANE 133HB HI GLOSS TOP-CARBOTHANE 134HS</td>
</tr>
<tr>
<td>00594.11</td>
<td>SHOP COATING 3 COAT SYSTEM W/INORGANIC ZINC</td>
<td>SYSTEM SC-2</td>
<td>INTERNATIONAL PC 858/547-8810</td>
<td>10/12/06</td>
<td>3371</td>
<td>Q</td>
<td>PRIMER-INTERZINC 22HS INTERMEDIATE-INTERGARD 475HS LO GLOSS TOP-INTERTHANE 870 HI GLOSS TOP-INTERTHANE 870HS</td>
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<tbody>
<tr>
<td>00594.12</td>
<td>STRUCTURAL STEEL CAULK</td>
<td>FLEXIBLE SEAL</td>
<td>AC PRODUCTS 800/238-4204</td>
<td>11/08/07</td>
<td>3385</td>
<td>Q</td>
<td></td>
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<tr>
<td>00594.12</td>
<td>STRUCTURAL STEEL CAULK</td>
<td>SIKAFLEX 1A</td>
<td>SIKA CORP 800/933-7452 THAD BROWN 425/486-5916</td>
<td>11/08/07</td>
<td>3381</td>
<td>Q</td>
<td></td>
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<tr>
<td>00594.12</td>
<td>STRUCTURAL STEEL CAULK</td>
<td>STAMPEDE 1</td>
<td>SHERWIN WILLIAMS 360/609-1879 JOHN REISER 360/931-4645 ERIC ZIMMERMAN 503/804-6924</td>
<td>10/11/07</td>
<td>3383</td>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>00594.13</td>
<td>CHLORIDE REMOVER</td>
<td>CHLOR*RID</td>
<td>CHLOR*RID INTER., INC 800/422-3217</td>
<td>01/21/14</td>
<td>4731</td>
<td>A</td>
<td>SHALL BE DEEMED COMPATIBLE WITH COATING SYSTEM, BY THE COATING SYSTEM MANUFACTURE</td>
</tr>
<tr>
<td>00594.13</td>
<td>CHLORIDE REMOVER</td>
<td>HOLDTIGHT 102</td>
<td>HOLDTIGHT SOLUTIONS 800/319-8802</td>
<td>01/21/14</td>
<td>4732</td>
<td>A</td>
<td>SHALL BE DEEMED COMPATIBLE WITH COATING SYSTEM, BY THE COATING SYSTEM MANUFACTURE</td>
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<tr>
<td>00597.11</td>
<td>FILLERS &amp; SEALERS FILLER</td>
<td>SPRAYABLE SMOOTH BLOCK FILLER 501901</td>
<td>RODDA PAINT 12000 SW GARDEN PLACE PORTLAND OR 97232 503/521-4300</td>
<td>05/01/88</td>
<td>1310</td>
<td>A</td>
<td>WHITE, BLOCK FILLER FOR USE ON CONCRETE BLOCK BUILDINGS. VERTICAL FACES, ABOVE GRADE.</td>
</tr>
<tr>
<td>00597.11</td>
<td>WATERPROOFING - CAP</td>
<td>SHERLASTIC ELASTOMERIC WATERPROOFING COATING A5</td>
<td>SHERWIN WILLIAMS 360/609-1879 JOHN REISER 360/931-4645 ERIC ZIMMERMAN 503/804-6924</td>
<td>05/01/88</td>
<td>1719</td>
<td>A</td>
<td>SEALER FOR USE ON CONCRETE BLOCK BUILDINGS/WALLS. GOOD FOR TOP CAP.</td>
</tr>
<tr>
<td>00597.11</td>
<td>WATERPROOFING - CAP</td>
<td>SUPER ROFLEX ELASTOMERIC COAT. 511301</td>
<td>RODDA PAINT 12000 SW GARDEN PLACE PORTLAND OR 97232 503/521-4300</td>
<td>05/01/88</td>
<td>1309</td>
<td>A</td>
<td>WHITE, TOP SEALER FOR USE ON CONCRETE BLOCK BUILDINGS/WALLS. MAINTAIN 15 MILS (DRY) AFTER 2 COATS.</td>
</tr>
</tbody>
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</tr>
</thead>
<tbody>
<tr>
<td>00745.00</td>
<td>ASPHALT COLD PATCH - HP</td>
<td>ASPHALT COLD PATCH # 34977</td>
<td>CRAFCO INC. 800/528-8242 GREG SHARP 971/645-1826</td>
<td>01/14/10</td>
<td>3952</td>
<td>A</td>
<td>COMPLIES WITH OUR SPECS.</td>
</tr>
<tr>
<td>00745.00</td>
<td>ASPHALT COLD PATCH - HP</td>
<td>INSTANT ROAD REPAIR</td>
<td>INTERNATIONAL ROADWAY RESEARCH 281/441-3558 TRAFFIC SAFETY 800/547-8518</td>
<td>06/13/02</td>
<td>1895</td>
<td>A</td>
<td>WORKED WELL ON ROAD. PASSED LAB TESTS.</td>
</tr>
<tr>
<td>00745.00</td>
<td>ASPHALT COLD PATCH - HP</td>
<td>BONDX</td>
<td>SEABOARD ASPHALT PRODUCTS CO. 3601 FAIRFIELD RD. BALTIMORE, MARYLAND 21226 SHAWN CAMPBELL 410/355-0330</td>
<td>06/13/02</td>
<td>1515</td>
<td>A</td>
<td>PART OF RESEARCH PROJECT 2002. WORKED WELL ON ROAD. PASSED LAB TESTS.</td>
</tr>
<tr>
<td>00745.00</td>
<td>ASPHALT COLD PATCH - HP</td>
<td>TAG 8000</td>
<td>INFRATECH POLYMERS 604/888-8808</td>
<td>06/13/02</td>
<td>1265</td>
<td>A</td>
<td>PART OF RESEARCH PROJECT 2002. DID WELL ON THE ROAD. PASSED LAB TESTS.</td>
</tr>
<tr>
<td>00745.00</td>
<td>ASPHALT COLD PATCH - HP</td>
<td>UPM COLD MIX</td>
<td>UNIQUE PAVING MATERIALS 800/441-4880 VEN: WILDISH CONSTRUCTION PORTER YETT 503/282-3251</td>
<td>06/13/02</td>
<td>831</td>
<td>A</td>
<td>PART OF RESEARCH PROJECT 2002. DID WELL ON THE ROAD. PASSED LAB TESTS.</td>
</tr>
<tr>
<td>00745.00</td>
<td>ASPHALT COLD PATCH - HP</td>
<td>EZ STREET</td>
<td>LAKESIDE INDUSTRIES RICK RAWLINGS 425/313-2681 CHRIS KING 503/222-6421</td>
<td>08/08/02</td>
<td>2407</td>
<td>A</td>
<td>MEETS SPECS.</td>
</tr>
<tr>
<td>00745.00</td>
<td>ASPHALT COLD PATCH - HP</td>
<td>PERMA PATCH</td>
<td>NATIONAL PAVING &amp; CONTRACTING 410/764-7117 HOWARD SMUKLER 510/525-8961</td>
<td>06/13/02</td>
<td>2527</td>
<td>A</td>
<td>PART OF RESEARCH PROJECT 2002. WORKED WELL ON ROAD. PASSED LAB TESTS.</td>
</tr>
<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT</td>
<td>BIG RED</td>
<td>TEXAS REFINERY, 800/827-0711 SCOTTSDALE, AZ 602/945-1710</td>
<td>01/11/96</td>
<td>1468</td>
<td>A</td>
<td>PASSED TESTS AT ARIZONA DOT FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.</td>
</tr>
<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT</td>
<td>FOAM 1846-50</td>
<td>MCCALL OIL 800/622-2558</td>
<td>09/09/99</td>
<td>939</td>
<td>A</td>
<td>PASSED ARIZONA DOT TESTS. FOAM GENERATING LUBRICATING AGENT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.</td>
</tr>
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<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT</td>
<td>GREENGUARD ASPHALT RELEASE AGENT</td>
<td>BG CHEMICAL LP 800/725-8470</td>
<td>01/21/14</td>
<td>4678</td>
<td>A</td>
<td>NTPEP LISTED</td>
</tr>
<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT</td>
<td>MAXI-KREME</td>
<td>GLOBAL CHEM-SOURCE 866/391-1126 OR 503/391-1126</td>
<td>08/11/11</td>
<td>4336</td>
<td>A</td>
<td>10:1 DILUTION RATIO TESTED.</td>
</tr>
<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT</td>
<td>SD-20 CLEANER</td>
<td>SPARTAN CHEMICAL CO, INC TOLEDO, OH 419/531-5551</td>
<td>01/11/96</td>
<td>1470</td>
<td>A</td>
<td>FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.</td>
</tr>
<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT</td>
<td>SLIPEAZEE SB</td>
<td>ROCHESTER MIDLAND 800/726-4448 ICL OF OREGON 800/876-4256</td>
<td>01/11/96</td>
<td>873</td>
<td>A</td>
<td>WATER BASED SOAP PASSED TESTS AT ARIZONA DOT. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.</td>
</tr>
<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT</td>
<td>TECLON-PRO</td>
<td>TEC-TEAM INDUSTRIES 800/700-2530</td>
<td>11/10/05</td>
<td>3146</td>
<td>A</td>
<td>DILUTED VERSION OF TEC SHIELD (ODOT ID# 2321). FOLLOW MFG INSTRUCTIONS CLOSELY.</td>
</tr>
<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT</td>
<td>TEC-SHIELD</td>
<td>TEC-TEAM INDUSTRIES 800/700-2530</td>
<td>04/12/01</td>
<td>2321</td>
<td>A</td>
<td>FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.</td>
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<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT</td>
<td>TEC-SHIELD (FOR RUBBER)</td>
<td>TEC-TEAM INDUSTRIES 800/700-2530</td>
<td>05/10/01</td>
<td>2321</td>
<td>A</td>
<td>TESTING BY GOODYEAR TIRE. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.</td>
</tr>
<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT</td>
<td>TIS 011 RELEASE AGENT</td>
<td>TECHNICAL INDUSTRIAL SALES 800/433-7826</td>
<td>12/14/06</td>
<td>3411</td>
<td>A</td>
<td>INDEPENDENTLY TESTED TO AZ TEST REQUIREMENTS @ 30:1. FOLLOW MANUFACTURER'S INSTRUCTIONS CLOSELY.</td>
</tr>
<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT</td>
<td>ZEP ASPHALT RELEASE FA MFG PRODUCT # 1083</td>
<td>ZEP, INC. 877/428-9937 OR 404/352-1680</td>
<td>05/12/11</td>
<td>2600</td>
<td>A</td>
<td>PASSED TESTS AT ARIZONA DOT.</td>
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<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT</td>
<td>ZEP ASPHALT RELEASE R-6690 MFG PRODUCT # 0867</td>
<td>ZEP, INC. 877/429-9937 OR 404/352-1680</td>
<td>05/12/11</td>
<td>2602</td>
<td>A</td>
<td>PASSED TESTS AT ARIZONA DOT.</td>
</tr>
<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT</td>
<td>ZEP PINNACLE ASPHALT RELEASE MFG PRODUCT # N896</td>
<td>ZEP, INC. 877/428-9937 OR 404/352-1680</td>
<td>08/11/11</td>
<td>4292</td>
<td>A</td>
<td>INDEPENDENTLY TESTED TO OUR REQUIREMENTS @ 5:1 &amp; 15:1</td>
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<tr>
<td>00745.22</td>
<td>ASPHALT RELEASE AGENT FOR RUBBER</td>
<td>BLACK MAGIC FOR RUBBER</td>
<td>BG CHEMICAL 800/725-8470</td>
<td>01/13/11</td>
<td>1303</td>
<td>A</td>
<td>PASSED ARIZONA DOT TESTS DESIGNED FOR RUBBER TIRES, ETC FOLLOW MANUFACTURER'S INSTRUCTIONS Closely.</td>
</tr>
<tr>
<td>00746.00</td>
<td>Poured Joint Filler</td>
<td>Poured Filler, Joint</td>
<td></td>
<td>11/17/04</td>
<td></td>
<td>A</td>
<td>Poured Joint Fillers are now covered in the QPL in Section 02440.30. Poured Joint Fillers and Meet AASHTO M324 Type II.</td>
</tr>
<tr>
<td>00759.12</td>
<td>Detectable Warning Device Cured Concrete</td>
<td>Access Tile Surface Applied</td>
<td>ACCESS PRODUCTS 425/766-6234</td>
<td>05/14/09</td>
<td>3829</td>
<td>A</td>
<td>Yellow Models: ACC-S-1X1, ACC-S-2X3, ACC-S-2X4, ACC-S-2X5, ACC-S-3X4, ACC-S-2X2CRV</td>
</tr>
<tr>
<td>00759.12</td>
<td>Detectable Warning Device Cured Concrete</td>
<td>Answer 1.67&quot; Surface Tile</td>
<td>ADA Answer Industries 909/230-4064</td>
<td>06/11/09</td>
<td>3741</td>
<td>A</td>
<td></td>
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<tr>
<td>00759.12</td>
<td>Detectable Warning Device Cured Concrete</td>
<td>Armorcast Detectable Tile</td>
<td>Armorcast Products 909/772-1424</td>
<td>04/13/06</td>
<td>3301</td>
<td>A</td>
<td>Models:&quot;A6000&quot;**&quot;TADAYEL&quot; WHERE **** IS THE SIZE.</td>
</tr>
<tr>
<td>00759.12</td>
<td>Detectable Warning Device Cured Concrete</td>
<td>Armor-Tile Surface Applied Color: Federal Yellow</td>
<td>Engineered Plastics 800/682-2525 White Cap 800/456-7445</td>
<td>05/08/03</td>
<td>2783</td>
<td>A</td>
<td>Polymer Composite with Adhesives and Mechanical Fasteners. Models: ADA-S-2436YW, ADA-S-2448YW, &amp; ADA-S-2460YW.</td>
</tr>
<tr>
<td>00759.12</td>
<td>Detectable Warning Device Cured Concrete</td>
<td>Safe-Step (Cured) Model: &quot;Safety Yellow&quot;</td>
<td>Transpo Industries 914/636-1000 Kathleen Johnson 503/674-9180</td>
<td>11/13/03</td>
<td>2879</td>
<td>A</td>
<td>Polyester Polymer. Panels are about 12&quot; x 12&quot; x 0.5&quot; thick. MFG recommends a variety of adhesives.</td>
</tr>
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<tr>
<td>00759.12</td>
<td>DETECTABLE WARNING DEVICE</td>
<td>CURED CONCRETE ASPHALT SURFACES - NO</td>
<td>SURFACE MOUNT COMPOSITE TILE 2436, 2448, 2460: RETY</td>
<td>ADA SOLUTIONS 800/372-0519</td>
<td>06/11/09</td>
<td>3865</td>
<td>A</td>
</tr>
<tr>
<td>00759.12</td>
<td>DETECTABLE WARNING DEVICE</td>
<td>CURED CONCRETE ASPHALT SURFACES - NO</td>
<td>ULTRA-ADA PADS - SURFACE MOUNT MODELS 0750, 0751, 0752 &amp; 0753</td>
<td>ULTRATECH INTERNATIONAL 800/353-1611 EXT 211</td>
<td>06/12/08</td>
<td>3635</td>
<td>A Flexible Pad.</td>
</tr>
<tr>
<td>00759.12</td>
<td>DETECTABLE WARNING DEVICE</td>
<td>CURED CONCRETE ASPHALT SURFACES - YES</td>
<td>DETECTABLE WARNING REDI-MAT MODELS: RMAY3630 &amp; RMYI</td>
<td>DETECTABLE WARNING SYSTEMS 866/999-7452</td>
<td>05/13/10</td>
<td>3410</td>
<td>A Peel and stick with additional fasteners and perimeter seal.</td>
</tr>
<tr>
<td>00759.12</td>
<td>DETECTABLE WARNING DEVICE</td>
<td>CURED CONCRETE ASPHALT SURFACES - YES</td>
<td>DWT DETECTABLE WARNING TILE MODELS: SM2424, SM2436, SM2448</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>11/13/08</td>
<td>3684</td>
<td>A</td>
</tr>
<tr>
<td>00759.12</td>
<td>DETECTABLE WARNING DEVICE</td>
<td>CURED CONCRETE ASPHALT SURFACES - YES</td>
<td>DWT TOUGH-EZ TILE MODELS: SM2424, SM2436, SM2448</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>05/13/10</td>
<td>4094</td>
<td>A Adhesive, fasteners, &amp; seal. Models: TEZ2445SYW, TEZ2436SYW, TEZ2444SYW, TEZ2460SYW.</td>
</tr>
<tr>
<td>00759.12</td>
<td>DETECTABLE WARNING DEVICE</td>
<td>CURED CONCRETE ASPHALT SURFACES - YES</td>
<td>TOPMARK DETECTABLE WARNING</td>
<td>FLINT TRADING-LKF DIV OF FLINT 336/475-6600 Gregg Ubelhart 206/963-5468</td>
<td>11/13/03</td>
<td>2866</td>
<td>A THERMOPLASTIC. TORCH APPLIED. Yellow models: TMK411600ASYB, TMK411600ASYB, TMK411600ASYB, TMK411600ASYB, RADIUS 4116950.</td>
</tr>
<tr>
<td>00759.12</td>
<td>DETECTABLE WARNING DEVICE</td>
<td>CURED CONCRETE ASPHALT SURFACES - YES</td>
<td>VANGUARD TRUNCATED DOME MODEL: 1A</td>
<td>TILCO VANGUARD 800/290-5700</td>
<td>08/08/02</td>
<td>2649</td>
<td>A Truncated dome. Liquid product. Follow manufacturer’s instructions.</td>
</tr>
<tr>
<td>00759.12</td>
<td>DETECTABLE WARNING DEVICE</td>
<td>FRESH CONCRETE ASPHALT SURFACES - NA</td>
<td>MASCO CAST-IN-TACT3</td>
<td>MASON'S SUPPLY 800/537-3407</td>
<td>06/11/09</td>
<td>3621</td>
<td>A CEMENTITIOUS PANELS FEDERAL YELLOW</td>
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<tr>
<td>00759.12</td>
<td>DETECTABLE WARNING DEVICE</td>
<td>FRESH CONCRETE ASPHALT SURFACES - NO</td>
<td>ACCESS TILE REPL CAST IN PLACE TILE</td>
<td>ACCESS PRODUCTS 425/766-6234</td>
<td>05/14/09</td>
<td>3828</td>
<td>A Yellow models: ACC-R-1X1, ACC-R-2X3, ACC-R-2X4, ACC-R-2X5, ACC-R-3X4, ACC-R-2X2CRV</td>
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<td>00759.12</td>
<td>DETECTABLE WARNING DEVICE</td>
<td>FRESH CONCRETE ASPHALT SURFACES - NO</td>
<td>ADA REPLACEABLE TILE - YELLOW MODELS: E2436Y, E2448Y, E2460Y YELLOW TILES OF WASHINGTON 877/314-4888</td>
<td>04/13/06</td>
<td>3284</td>
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<td>TRUNCATED DOME, DESIGNED TO BE EASILY REPLACEABLE.</td>
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<td>00759.12</td>
<td>DETECTABLE WARNING DEVICE</td>
<td>FRESH CONCRETE ASPHALT SURFACES - NO</td>
<td>ALERTCAST 2438AC-Y, 2448AC-Y, 2460AC-Y CAPE FEAR SYSTEMS III 877/232-6287</td>
<td>03/06/13</td>
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<td>DETECTABLE WARNING DEVICE</td>
<td>FRESH CONCRETE ASPHALT SURFACES - NO</td>
<td>ANSWER 1.67&quot; WET SET REPL TILE MODELS: 24C-1Y &amp; 25C-1Y ADA ANSWER INDUSTRIES 909/230-4064</td>
<td>04/09/09</td>
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<td>DETECTABLE WARNING DEVICE</td>
<td>FRESH CONCRETE ASPHALT SURFACES - NO</td>
<td>ARMORCAST WET SET REPLACEABLE ARMORCAST PRODUCTS 909/772-1424</td>
<td>09/14/06</td>
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<td>MODELS: &quot;A600****RADAYEL&quot; WHERE **** = THE SIZE.</td>
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<td>DETECTABLE WARNING DEVICE</td>
<td>FRESH CONCRETE ASPHALT SURFACES - NO</td>
<td>ARMOR-TILE CAST IN PLACE COLOR: FEDERAL YELLOW ENGINEERED PLASTICS 800/682-2525 WHITE CAP 800/456-7445</td>
<td>05/08/03</td>
<td>2782</td>
<td>A</td>
<td>POLYMER COMPOSITE SET IN CONCRETE MODELS: ADA-C-2436YW, ADA-C-2448YW, &amp; ADA-C-2460YW.</td>
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<td>MODELS: ATR2436Y, ART2448Y, ATR2460Y, &amp; ATR2468Y.</td>
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<td>DETECTABLE WARNING DEVICE</td>
<td>FRESH CONCRETE ASPHALT SURFACES - NO</td>
<td>CAST-IN-PLACE COMPOSITE TILE 2436, 2448, 2460: PAVCIPY ADA SOLUTIONS 800/372-0519</td>
<td>06/11/09</td>
<td>3866</td>
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<td>FRESH CONCRETE ASPHALT SURFACES - NO</td>
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<td>CEMENTITIOUS PANELS YELLOW</td>
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<td>EZ-SET CERAMIC COMPOSITE PANEL DETECTABLE WARNING PANELS</td>
<td>DETECTABLE WARNING SYSTEMS 866/999-7452 TRAFFIC SAFETY 800/547-8518</td>
<td>02/12/04</td>
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<td>00759.12</td>
<td>DETECTABLE WARNING DEVICE</td>
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<td>SAFE-STEP (FRESH) MODEL: &quot;SAFETY YELLOW&quot;</td>
<td>TRANSPO INDUSTRIES 914/836-1000 KATHLEEN JOHNSON 503/674-9180</td>
<td>11/13/03</td>
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<td>DETECTABLE WARNING DEVICE</td>
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<td>ULTRA-ADA PADS - CAST IN PLACE MODELS 0720, 0721, 0722, &amp; 0723</td>
<td>ULTRATECH INTERNATIONAL 800/353-1611 EXT 211</td>
<td>06/12/08</td>
<td>3636</td>
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<td>DETECTABLE WARNING DEVICE</td>
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<td>ULTRA-ADA PADS COMPOSITE WET MODELS 0740, 0741, &amp; 0742.</td>
<td>ULTRATECH INTERNATIONAL 800/353-1611 EXT 211 SPILL CONTROL 253/862-2700</td>
<td>06/11/09</td>
<td>3809</td>
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<td>DETECTABLE WARNING DEVICE</td>
<td>FRESH CONCRETE ASPHALT SURFACES - YES</td>
<td>VISUL FLEX-STONE PANELS MODEL: MPN-MRBS0030</td>
<td>VISUL CORP. 865/566-5674</td>
<td>02/14/08</td>
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<td>00760.00</td>
<td>POROUS PAVER-HEAVY DUTY</td>
<td>ARMORFLEX CLOSED CELL BLOCK</td>
<td>CONTECH CONSTRUCTION PRODUCTS 800/522-0410</td>
<td>01/10/08</td>
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<td>00760.00</td>
<td>POROUS PAVER-LIGHT DUTY</td>
<td>DRIVABLE GRASS</td>
<td>SOIL RETENTION 800/346-7995</td>
<td>04/17/12</td>
<td>4486</td>
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<td>LIGHT TRAFFIC</td>
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<td>POROUS PAVER-MEDIUM DUTY</td>
<td>BODPAVE 85 POROUS PAVING GRIDS</td>
<td>FIBERWEB GEOSYNTHETICS  651/330-2620</td>
<td>10/11/12</td>
<td>4504</td>
<td>A</td>
<td>MODULAR CELLULAR GRASS PAVING RECYCLED HDPE</td>
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<tr>
<td>00760.00</td>
<td>POROUS PAVER-MEDIUM DUTY</td>
<td>EZ ROLL GRASS PAVER</td>
<td>NDS 888/825-4716</td>
<td>03/06/13</td>
<td>4594</td>
<td>A</td>
<td>CELLULAR GRASS PAVER</td>
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<td>00760.00</td>
<td>POROUS PAVER-MEDIUM DUTY</td>
<td>GRASPAVE2 W/HYDROGROW</td>
<td>INVISIBLE STRUCTURES  303/395-1803</td>
<td>10/12/06</td>
<td>2402</td>
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<td>MODULAR CELLULAR GRASS PAVER</td>
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<td>POROUS PAVER-MEDIUM DUTY</td>
<td>GRASSY PAVERS</td>
<td>RK MANUFACTURING  800/957-5575  ACF WEST 800/878-5115</td>
<td>04/08/10</td>
<td>2483</td>
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<td>PLASTIC</td>
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<td>00811.00</td>
<td>CABLE BARRIER TERMINAL</td>
<td>SAFENCE 350 TL3 TERMINAL (4)</td>
<td>GREGORY INDUSTRIES INC  330/477/4800  740/389/1493</td>
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<td>4428</td>
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<td>NU-CABLE TL3 4:1 4 CABLE</td>
<td>NUCOR STEEL MARION INC  800/333/4011  FORMET INC  512/560/7700</td>
<td>08/03/11</td>
<td>4446</td>
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<td>DRIVEN ANCHOR W/SLEEVE CAST IN PLACE ANCHOR</td>
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<td>CABLE BARRIER</td>
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<td>4445</td>
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<td>SAFENCE 3RC</td>
<td>GREGORY INDUSTRIES INC  330/477/4800  740/389/1493</td>
<td>08/03/11</td>
<td>4426</td>
<td>Q</td>
<td>CAST-IN-PLACE ANCHOR APPROVED NO DRIVEN ANCHOR</td>
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<td>TL-4 4 CABLE</td>
<td>NUCOR STEEL MARION INC 800/333/4011 FORMET INC 512/560/7700</td>
<td>08/03/11</td>
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<td>CABLE BARRIER SYSTEM 3 STRAND (TL-3)</td>
<td>CABLE SAFETY SYSTEM (2M CASS) C-CHANNEL</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559</td>
<td>04/14/05</td>
<td>2946</td>
<td>A</td>
<td>6:1 OR FLATTER. USE SLEEVES. POST SPACING: 6.76' DEFLECTION.</td>
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<td>CABLE BARRIER SYSTEM 3 STRAND (TL-3)</td>
<td>CABLE SAFETY SYSTEM (CASS) C-CHANNEL</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559</td>
<td>11/13/03</td>
<td>2864</td>
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<td>6:1 OR FLATTER. STEEL SLEEVES. 9.8' SPACING 7.87 DEFLECTION. 16.4' POST SPACING = 9.2' DEFECTION.</td>
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<td>CABLE BARRIER SYSTEM 3 STRAND (TL-3)</td>
<td>CASS TL-3 (4:1 SLOPE) I-BEAM</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559</td>
<td>04/09/09</td>
<td>3815</td>
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<td>4:1 OR FLATTER. STEEL SLEEVES. POST SPACING: 6'8'' DEF: 7.19' POST SPACING: 17' DEF: 8.86'</td>
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<td>CABLE BARRIER SYSTEM 3 STRAND (TL-3)</td>
<td>GIBRALTAR CABLE SYSTEM TL-3</td>
<td>GIBRALTAR 800/495-8957</td>
<td>01/12/06</td>
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<td>POST SPACING: 15' DEFLECTION: 8.5' USE SLEEVES.</td>
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<td>CABLE BARRIER SYSTEM 3 STRAND (TL-3)</td>
<td>NU-CABLE TL3 6:1 3 CABLE WAS FROM MARION STEEL</td>
<td>NUCOR STEEL MARION, INC. 800/333-4011 GR/ HIGH TENSION CABLE LP 978/739-6699 OR 972/225-1660</td>
<td>07/13/06</td>
<td>2808</td>
<td>A</td>
<td>MUST USE SOCKETED POSTS WITH SLEEVES &amp; REPLACEABLE POSTS. SPACING: 12.5' DEFLECTION: 6'. SPACING: 16.75' DEF: 7.5'.</td>
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<td>CABLE BARRIER SYSTEM 3 STRAND (TL-4)</td>
<td>CASS TL-4 I-BEAM</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559</td>
<td>04/09/09</td>
<td>2946</td>
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<td>6:1 OR FLATTER. STEEL SLEEVES. POST SPACING: 20' DEF: 7.7'. POST SPACING: 17' DEF: 7.2'.</td>
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<td>GIBRALTAR CABLE SYSTEM TL-4</td>
<td>GIBRALTAR 800/495-8957</td>
<td>01/12/06</td>
<td>3260</td>
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<td>POST SPACING: 14' DEF: 7' USE SLEEVES.</td>
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<td>BRIFEN WIRE ROPE SAFETY FENCE</td>
<td>BRIFEN USA 866/427-4336 405/793-9500</td>
<td>11/13/03</td>
<td>2851</td>
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<td>SOCKETED POSTS REQUIRED WITH 10.5' SPACING, 0.78' DEFLECTION USE APPROVED END TERMINAL TO PROTECT END OF RUNS.</td>
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<td>CABLE BARRIER SYSTEM 4 STRAND (TL-3)</td>
<td>CASS SAFETY SYSTEM (CASS S3 4:1)</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559</td>
<td>01/21/14</td>
<td>4717</td>
<td>A</td>
<td>4:1 OR FLATTER STEEL SLEEVES POST SPACING: 7.1' DEFL: 10.5' POST SPACING: 17' DEFL: 8.0'</td>
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<td>06/09/05</td>
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<td>BRIFEN USA 866/427-4336 405/793-9500</td>
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<td>4345</td>
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<td>CASS SAFETY SYSTEM (CASS S3 4:1)</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559</td>
<td>01/21/14</td>
<td>4717</td>
<td>A</td>
<td>6:1 OR FLATTER STEEL SLEEVES POST SPACING: 10.5' DEFL: 8.0'</td>
</tr>
<tr>
<td>00811.00</td>
<td>CABLE BARRIER TERMINAL TL-3</td>
<td>BRIFEN WRGT</td>
<td>BRIFEN USA 866/427-4336 405/793-9500</td>
<td>05/13/04</td>
<td>2970</td>
<td>A</td>
<td>GATING DEVICE. AS WITH THE OTHERS, TERMINAL IS NOT PART OF LENGTH OF NEED.</td>
</tr>
<tr>
<td>00811.00</td>
<td>CABLE BARRIER TERMINAL TL-3</td>
<td>CASS CABLE TERMINAL (CCT-350)</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559</td>
<td>11/13/03</td>
<td>2865</td>
<td>A</td>
<td>FOR USE WITH TRINITY CABLE SAFETY SYSTEM (CASS) UNIT ONLY AS WITH THE OTHERS, TERMINAL IS NOT PART OF LENGTH OF NEED.</td>
</tr>
<tr>
<td>00811.00</td>
<td>CABLE BARRIER TERMINAL TL-3</td>
<td>NUCOR US HI TENSION CABLE TERM WAS FROM MARION STEEL</td>
<td>NUCOR STEEL MARION, INC. 800/333-4011 GRI HIGH TENSION CABLE LP 979/739-0699 OR 972/225-1660</td>
<td>08/10/06</td>
<td>2940</td>
<td>A</td>
<td>FOR USE WITH US HIGH TENSION CABLE BARRIER. AS WITH THE OTHERS, TERMINAL IS NOT PART OF LENGTH OF NEED.</td>
</tr>
<tr>
<td>00811.00</td>
<td>CABLE BARRIER TERMINAL TL-3</td>
<td>NU-CABLE CRP ANCHOR</td>
<td>NUCOR STEEL MARION INC 800/333-4011 FORMET INC 512/560/7700</td>
<td>03/27/12</td>
<td>4448</td>
<td>Q</td>
<td>3 STRAND CABLE</td>
</tr>
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<td>00811.00</td>
<td>CABLE BARRIER TERMINAL</td>
<td>TL-3 3 CABLE</td>
<td>NUCABLE NU-TEN ANCHOR NUCOR STEEL MARION INC 800/333/4011 FORMET INC 512/560/7700</td>
<td>03/27/12</td>
<td>4449</td>
<td>Q</td>
<td>3 STRAND CABLE</td>
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<tr>
<td>00811.00</td>
<td>CABLE BARRIER TERMINAL</td>
<td>TL-3 3 CABLE</td>
<td>SAFENCE 350 TL3 TERMINAL GREGORY INDUSTRIES INC 330/477/4800 740/389/1493</td>
<td>08/03/11</td>
<td>4429</td>
<td>Q</td>
<td>CAST-IN-PLACE ANCHOR APPROVED NO DRIVEN ANCHOR</td>
</tr>
<tr>
<td>00811.00</td>
<td>CABLE BARRIER TERMINAL</td>
<td>TL-3 AND TL-4</td>
<td>GIBRALTAR CABLE BARRIER TERMIN GIBRALTAR 800/495-8957</td>
<td>01/12/06</td>
<td>3261</td>
<td>A</td>
<td>FOR GIBRALTAR CABLE BARRIER SYSTEMS.</td>
</tr>
<tr>
<td>00811.00</td>
<td>CABLE BARRIER TERMINAL</td>
<td>TL-4</td>
<td>CASS TL-4 TERMINAL TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 CORAL SALES 800/538-7245 DON GRIPNE 360/943-9559</td>
<td>03/08/07</td>
<td>3429</td>
<td>A</td>
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<tr>
<td>00813.10</td>
<td>TIMBER COATING</td>
<td>A-100 EXTERIOR OIL STAIN BLOCKING PRIMER</td>
<td>SHERWIN WILLIAMS 360/609-1879 JOHN REISER 360/931-4645 ERIC ZIMMERMAN 503/804-6924</td>
<td>01/21/14</td>
<td>4734</td>
<td>A</td>
<td>PRIMER AND TOP COAT SYSTEM</td>
</tr>
<tr>
<td>00813.10</td>
<td>TIMBER COATING</td>
<td>PURE PAINT PRIMER ACRY-LITE SATIN 7400 SERIES</td>
<td>MILLER PAINT CO 503/233-4491</td>
<td>01/21/14</td>
<td>4736</td>
<td>A</td>
<td>PRIMER AND TOP COAT SYSTEM</td>
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<tr>
<td>00813.10</td>
<td>TIMBER COATING</td>
<td>STAIN STOMPER EXTERIOR PRIMER 2110-1200N FORTIS 350 EXTERIOR SATIN PAINT 2402</td>
<td>GLIDDEN 541/953-9754</td>
<td>01/21/14</td>
<td>4735</td>
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<td>PRIMER AND TOP COAT SYSTEM</td>
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<tr>
<td>00820.00</td>
<td>CONCRETE BARRIER, MOVABLE</td>
<td>QUICK CHANGE MOVABLE BARRIER</td>
<td>BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888</td>
<td>10/10/91</td>
<td>465</td>
<td>Q</td>
<td>FOR SPECIAL APPLICATIONS ONLY. TRK MOUNTED EQUIP MOVES SPECIAL BARRIER FROM ONE SIDE TO THE OTHER UP TO 16', UP TO 10 MPH.</td>
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<tr>
<td>00822.00</td>
<td>GLARE SHIELDS</td>
<td>CARBONITE GLARE BLADE</td>
<td>CARBONITE INC. 800/648-7918 TRAFFIC SAFETY 800/547-8518</td>
<td>11/08/01</td>
<td>17</td>
<td>A</td>
<td>INDIVIDUAL BLADES ATTACHED TO THE BARRIER. NEW BASE BRACKET DESIGN 11/01. GALV / STAINLESS BASE, ZINC NOT ALLOWED.</td>
</tr>
</tbody>
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<tr>
<td>00822.00</td>
<td>GLARE SHIELDS</td>
<td>DURASCREEN GLARE SHIELD</td>
<td>SAFE-HIT CORP. 888/323-6374</td>
<td>12/13/01</td>
<td>2506</td>
<td>A</td>
<td>TUBES, INDIVIDUALLY MOUNTED. LAB TEST WAS OUTSTANDING.</td>
</tr>
<tr>
<td>00822.00</td>
<td>GLARE SHIELDS</td>
<td>MODULAR GLARE SHIELDS</td>
<td>CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518</td>
<td>11/09/01</td>
<td>86</td>
<td>A</td>
<td>FIBERGLASS BLADES MOUNT TO PRE-FORMED BASE BOLTED TO BARRIER. NEW BASE BRACKET DESIGN 11/01. GALV OR STAINLESS BASE, NO ZINC</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, PERMANENT NCHRP 350 TL-1 NON RE-DIRECTIVE, GATING</td>
<td>EASI-CELL</td>
<td>ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>09/09/04</td>
<td>2921</td>
<td>Q</td>
<td>LOW SPEED UNIT USING POLY CYL. REQUIRES STRONG BACK PLATE. NOT DESIGNED FOR MEDIANS. TL-1 TESTED FOR 50 KPH/30 MPH.</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, A PERMANENT NCHRP 350 TL-3 PARTIAL RE-DIRECT, GATING</td>
<td>BEAT SSCC</td>
<td>ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721</td>
<td>09/08/05</td>
<td>2711</td>
<td>Q</td>
<td>SHOULDERS ONLY.</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, A PERMANENT NARROW SYSTEM NCHRP 350 TL-3 RE-DIRECTIVE, GATING</td>
<td>QUAD-TREND 350</td>
<td>ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>12/09/99</td>
<td>1906</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 100KPH/60MPH. LENGTH: 20'. CLEAR AREA REQUIRED BEHIND TERMINAL. WIDTH: 15&quot;</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, B PERMANENT, NARROW APPS. NCHRP 350 TL-3 MEDIAN END TERMINAL</td>
<td>TREND 350</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>12/10/12</td>
<td>4568</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 60MPH LENGTH 27' WIDTH 28&quot;</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, B PERMANENT, NARROW APPS. NCHRP 350 TL-3 RE-DIRECTIVE, GATING</td>
<td>BRAKEMASTER 350</td>
<td>ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>03/09/00</td>
<td>880</td>
<td>Q</td>
<td>GUARDRAIL TREATMENT FOR WIDE-MEDIAN/SHOULDER APPLICATIONS. REGION/ROADWAY DESIGNERS PICK FROM QPL WITH DISTRICT INPUT.</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, B PERMANENT, NARROW APPS. NCHRP 350 TL-3 RE-DIRECTIVE, GATING</td>
<td>CAT-350 CRASH CUSHION</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>07/11/96</td>
<td>291</td>
<td>Q</td>
<td>SLOTTED RAIL ATTENUATOR FOR MEDIAN/SHOULDER APPLICATIONS. REGION/ROADWAY DESIGNERS PICK FROM QPL WITH DISTRICT INPUT.</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, C PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON GATING</td>
<td>2005 SHORTRACC (TL-2)</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>01/12/06</td>
<td>3154</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. 14.2' LONG.</td>
</tr>
</tbody>
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## ODOT CONSTRUCTION / MATERIALS SECTION
### QUALIFIED PRODUCTS LIST
#### APPROVED LIST - NO SAMPLES OR TESTS REQUIRED*
#### QUALIFIED LIST - ADDITIONAL REQUIREMENTS**
#### JANUARY 2014

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<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, C &amp; D</td>
<td>PERMANENT, NARROW &amp; WIDE NCHRP 350 TL-3</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>01/12/06</td>
<td>3155</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 45 MPH.</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, C &amp; D</td>
<td>PERMANENT, NARROW &amp; WIDE NCHRP 350 TL-3</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>10/11/01</td>
<td>2844</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 70 KPH/45 MPH. 14.2' LONG 32&quot; WIDE. WAS Q UNDER P-1902.</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, C &amp; D</td>
<td>PERMANENT, NARROW &amp; WIDE NCHRP 350 TL-3</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>06/09/11</td>
<td>4372</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 45 MPH. THREE BAYS. ARRIVES FULLY ASSEMBLED.</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, E &amp; F</td>
<td>PERMANENT NCHRP 350 TL-3</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>02/10/05</td>
<td>2961</td>
<td>Q</td>
<td>FHWA APPROVED - 4 BAY SYSTEM.</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, E &amp; F</td>
<td>PERMANENT NCHRP 350 TL-3</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>11/10/05</td>
<td>3153</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. 21' LONG. 30&quot; WIDE.</td>
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<tr>
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<td>IMPACT ATTENUATOR, E &amp; F</td>
<td>PERMANENT NCHRP 350 TL-3</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>05/12/11</td>
<td>4359</td>
<td>Q</td>
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<tr>
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<td>IMPACT ATTENUATOR, E &amp; F</td>
<td>PERMANENT NCHRP 350 TL-3</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>11/08/07</td>
<td>3138</td>
<td>Q</td>
<td>WATCH REPAIR COSTS. BETTER FOR LOW HIT AREAS.</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, E &amp; F</td>
<td>PERMANENT NCHRP 350 TL-3</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>09/13/01</td>
<td>1902</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 100 KPH/60 MPH. 21' LONG. 32&quot; WIDE.</td>
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<tr>
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<td>IMPACT ATTENUATOR, E &amp; F</td>
<td>PERMANENT NCHRP 350 TL-3</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>04/03/08</td>
<td>2759</td>
<td>Q</td>
<td>MEETS NCHRP 350 TL-3.</td>
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<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, E &amp; F PERMANENT, NARROW &amp; WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.</td>
<td>UNIVERSAL TAU-II (TL-3)</td>
<td>BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/889-0888 ZUMAR 800/426-7967</td>
<td>02/10/05</td>
<td>2961</td>
<td>Q</td>
<td>FHWA APPROVED - 8 BAY SYSTEM.</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, F PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.</td>
<td>2005 WIDETRACC (TL-3)</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-8559 RANDY OLSON 800/772-7976</td>
<td>01/12/06</td>
<td>3155</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 60 MPH.</td>
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<td>00830.00</td>
<td>IMPACT ATTENUATOR, G PERMANENT, NARROW APPS NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.</td>
<td>REACT 350-NARROW (TL2) (36&quot; OBSTACLE)</td>
<td>ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>03/08/07</td>
<td>3438</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 45 MPH. LOW MAINTENANCE.</td>
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<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, G &amp; H PERMANENT NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.</td>
<td>QUAD-GUARD II</td>
<td>ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>07/09/09</td>
<td>3872</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS TO 45 MPH.</td>
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<td>IMPACT ATTENUATOR, G &amp; H PERMANENT, NARROW &amp; WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.</td>
<td>QUAD-GUARD ELITE - 7 BAY</td>
<td>ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>03/08/01</td>
<td>2413</td>
<td>Q</td>
<td>7 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 70KPH/45MPH. LOW MAINTENANCE.</td>
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<td>IMPACT ATTENUATOR, G &amp; H PERMANENT, NARROW &amp; WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.</td>
<td>SCI70GM</td>
<td>WORK AREA PROTECTION (SCI) 800/327-4417 OR 630/377-9100</td>
<td>12/14/06</td>
<td>3110</td>
<td>Q</td>
<td>LOW MAINTENANCE UNIT. TESTED FOR IMPACT SPEEDS UP TO 45 MPH. NARROW OR WIDE APPS.</td>
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<td>IMPACT ATTENUATOR, G &amp; H PERMANENT, NARROW &amp; WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.</td>
<td>QUAD-GUARD (TL-2) 24&quot;, 30&quot;, 36&quot;, 70&quot;, &amp; 90&quot; OBST.</td>
<td>ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>01/08/09</td>
<td>3436</td>
<td>Q</td>
<td>LOW MAINTENANCE</td>
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<td>IMPACT ATTENUATOR, H PERMANENT, WIDE NCHRP 350 TL-2 RE-DIRECTIVE, NON-GATING.</td>
<td>REACT 350-WIDE (TL2) (60&quot; &amp; 90&quot; OBSTACLES)</td>
<td>ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>03/08/07</td>
<td>3437</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 45 MPH. LOW MAINTENANCE.</td>
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<td>00830.00</td>
<td>IMPACT ATTENUATOR, J PERMANENT, NARROW APPS NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.</td>
<td>REACT 350 II</td>
<td>ENERGY ABSORPTION 888/323-6750 760/518-9929 CORAL SALES COMPANY 800/538-7245</td>
<td>03/30/12</td>
<td>4483</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS TO 60MPH LOW MAINTENANCE</td>
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</tbody>
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**LIST 'Q' = QUALIFIED. USE WITH SAMPLING, TESTING, &/OR QUALITY COMPLIANCE CERTIFICATIONS AS NEEDED. NEEDS A FIELD INSPECTIONS REPORT. CHECK SPECS AND NFTMAG.**

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<th>REMARKS</th>
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<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, J PERMANENT, NARROW APPS NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.</td>
<td>REACT 350-NARROW (TL3)</td>
<td>JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>08/10/95</td>
<td>1364</td>
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<td>TESTED FOR IMPACT SPEEDS UP TO 100KPH/60MPH. LOW MAINTENANCE.</td>
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<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, J &amp; K PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.</td>
<td>QUAD-GUARD II</td>
<td>JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>07/09/09</td>
<td>3872</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS TO 60 MPH.</td>
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<tr>
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<td>IMPACT ATTENUATOR, J &amp; K PERMANENT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.</td>
<td>QUADGUARD M10</td>
<td>CORAL SALES COMPANY</td>
<td>05/14/12</td>
<td>4492</td>
<td>Q</td>
<td>TESTED FOR SPEEDS UP TO 60 MPH. WIDTHS 90&quot;, 69&quot;, 36&quot;, 30&quot;, 24&quot; 22' LENGTH</td>
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<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, J &amp; K PERMANENT, NARROW &amp; WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.</td>
<td>QUAD-GUARD (TL-3) 24&quot;, 30&quot;, 36&quot;, 70&quot;,90&quot;,&amp; 120&quot;W</td>
<td>JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>01/08/09</td>
<td>1572</td>
<td>Q</td>
<td>PROTECT ROADSIDE AND MEDIAN OBSTACLES AND HAZARDS. TESTED FOR IMPACT SPEEDS TO 60 MPH. LOW MAINTENANCE</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, J &amp; K PERMANENT, NARROW &amp; WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.</td>
<td>QUAD-GUARD ELITE - 11 BAY</td>
<td>JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>03/08/01</td>
<td>2413</td>
<td>Q</td>
<td>11 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 100KPH/60MPH. LOW MAINTENANCE.</td>
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<td>IMPACT ATTENUATOR, J &amp; K PERMANENT, NARROW &amp; WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.</td>
<td>QUAD-GUARD ELITE - 8 BAY</td>
<td>JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
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<td>4414</td>
<td>Q</td>
<td>8 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 100KPH/60MPH. LOW MAINTENANCE.</td>
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<td>IMPACT ATTENUATOR, J &amp; K PERMANENT, NARROW &amp; WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.</td>
<td>SCI100GM WORK AREA PROTECTION (SCI)</td>
<td>CORAL SALES 800/538-7245</td>
<td>12/14/06</td>
<td>2907</td>
<td>Q</td>
<td>LOW MAINTENANCE UNIT. TESTED FOR IMPACT SPEEDS UP TO 60 MPH. NARROW OR WIDE APPS. LENGTH: 216&quot; + TRANSITION.</td>
</tr>
<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, J * NO GORE LOCATION &gt;25K ADT NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.</td>
<td>HEART</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976, DON GRIPNE 360/943-9559, RANDY OLSON 800/772-7976</td>
<td>07/09/09</td>
<td>3649</td>
<td>Q</td>
<td>HDPE SIDE PANELS AND ROUNDEDFRONTAL NOSE PIECE. DAMAGE FROM SIDE IMPACTS COULD BE HIGHER THAN LOW MAINT.</td>
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<tr>
<td>00830.00</td>
<td>IMPACT ATTENUATOR, K PERMANENT, WIDE NCHRP 350 TL-3 RE-DIRECTIVE, NON-GATING.</td>
<td>REACT 350-WIDE (TL3) (60&quot;, 96&quot;, &amp; 120&quot; OBSTACLES)</td>
<td>JIM CROWLEY 312/467-6750, DAN MCCARTHY 760/518-9929, CORAL SALES 800/538-7245</td>
<td>03/08/07</td>
<td>2587</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 60 MPH. EARLIER VERSION HAD PROBLEMS. BUT THIS OK. P-1826. LOW MAINTENANCE.</td>
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<tr>
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<td>IMPACT ATTENUATOR, L</td>
<td>QUAD-GUARD HS</td>
<td>ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>01/08/09</td>
<td>2570</td>
<td>Q</td>
<td>9 BAY SYSTEM. TESTED FOR IMPACT SPEEDS TO 113KPH/70MPH. LOW MAINTENANCE</td>
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<td>00830.00</td>
<td>IMPACT ATTENUATOR, M</td>
<td>2005 FASTRACC</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-8559 RANDY OLSON 800/772-7976</td>
<td>11/10/05</td>
<td>3156</td>
<td>Q</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 70 MPH. 25'-8&quot; LONG. 30&quot; WIDE</td>
</tr>
<tr>
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<td>IMPACT ATTENUATOR, M</td>
<td>QUEST 115 SYSTEM</td>
<td>ENERGY ABSORPTION 888/323-6750 JIM CROWLEY 312/467-6750 DAN MCCARTHY 760/518-9929 CORAL SALES 800/538-7245</td>
<td>11/08/07</td>
<td>3555</td>
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<td>IMPACT ATTENUATOR, M</td>
<td>UNIVERSAL TAU-II (HS)</td>
<td>BARRIER SYSTEMS 707/374-6800 BYRON WEST 541/899-0888 ZUMAR 800/426-7967</td>
<td>03/12/09</td>
<td>2961</td>
<td>Q</td>
<td>FHWA APPROVED</td>
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<tr>
<td>00840.10</td>
<td>DELINEATOR - TYPE 1</td>
<td>FRANKLIN DELINEATORS TYPE 1</td>
<td>FRANKLIN INDUSTRIES 814/437-3726 TRAFFIC SAFETY 800/547-8518</td>
<td>11/16/00</td>
<td>2209</td>
<td>A</td>
<td>MET OUR REQUIREMENTS FOR RAIL STEEL</td>
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<tr>
<td>00840.10</td>
<td>DELINEATOR - TYPE 1U</td>
<td>FRANKLIN DELINEATORS TYPE 1U</td>
<td>FRANKLIN INDUSTRIES 814/437-3726 TRAFFIC SAFETY 800/547-8518</td>
<td>11/16/00</td>
<td>2210</td>
<td>A</td>
<td>MET OUR REQUIREMENTS FOR RAIL STEEL</td>
</tr>
<tr>
<td>00840.10</td>
<td>DELINEATOR - TYPE 2</td>
<td>CURV-FLEX ROADMARKER CFRM-400</td>
<td>CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518</td>
<td>05/01/88</td>
<td>1503</td>
<td>A</td>
<td>PULTRUDED FIELD MEASURE LENGTHS, SEE STANDARD DRAWING</td>
</tr>
<tr>
<td>00840.10</td>
<td>DELINEATOR - TYPE 2</td>
<td>FLEXSTAKE MODEL 600</td>
<td>FLEXSTAKE, INC. 800/348-9839 JIM ZADRONZNY PUBLIC WORKS SUPPLY 800/754-6551</td>
<td>10/11/01</td>
<td>823</td>
<td>A</td>
<td>PLASTIC ANCHOR, USE HINGE. USE H.I. SHEETING. FIELD MEASURE LENGTHS, SEE STANDARD DRAWING.</td>
</tr>
<tr>
<td>00840.10</td>
<td>DELINEATOR - TYPE 2</td>
<td>ROADMARKER CRM-375</td>
<td>CARSONITE INC. 800/648-7916 TRAFFIC SAFETY 800/547-8518</td>
<td>05/01/88</td>
<td>1504</td>
<td>A</td>
<td>FIELD MEASURE LENGTHS, SEE STANDARD DRAWING</td>
</tr>
</tbody>
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<tr>
<td>00840.10</td>
<td>DELINEATOR - TYPE 2</td>
<td>SAFE-HIT, TYPE II</td>
<td>SAFE-HIT CORP. 888/323-6374&lt;br&gt;DAN MCCARTHY 760/518-9929</td>
<td>05/01/88</td>
<td>1029</td>
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<td>ROUND TUBE W/FLAT FACE. GALV DRIVEN ANCHOR. TWIST/PIN LOCK. FIELD MEASURE LENGTHS, SEE STANDARD DRAWING.</td>
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<tr>
<td>00840.10</td>
<td>DELINEATOR - TYPE 3</td>
<td>SAFE-HIT, TYPE III</td>
<td>SAFE-HIT CORP. 888/323-6374&lt;br&gt;DAN MCCARTHY 760/518-9929</td>
<td>05/01/88</td>
<td>1030</td>
<td>A</td>
<td>ROUND TUBE W/ROUND FACE. 18&quot; GALV ANCHOR. TWIST/PIN LOCK. FIELD MEASURE LENGTHS, SEE STANDARD DRAWINGS</td>
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<tr>
<td>00840.10</td>
<td>DELINEATOR - TYPE 4 ALT 1 GUARDRAIL VERSION</td>
<td>CURV-FLEX ROADMARKER CFGR-427</td>
<td>CARSONITE INC. 800/648-7916&lt;br&gt;TRAFFIC SAFETY 800/547-8518</td>
<td>11/14/96</td>
<td>1591</td>
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<td>THE STANDARD DRW REQUIRES 4 LAG SCREWS TO ANCHOR UNIT.</td>
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<tr>
<td>00840.10</td>
<td>DELINEATOR - TYPE 4 ALT 1 GUARDRAIL VERSION</td>
<td>FLEXI-GUIDE 527 (FG-527)</td>
<td>PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638&lt;br&gt;BILL DALY 408/431-8689&lt;br&gt;TRAFFIC SAFETY 800/547-8518</td>
<td>07/09/98</td>
<td>1636</td>
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<td>NTPEP TEST DATA LOOKED GOOD FOR STAND ALONE APPLICATIONS.</td>
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<td>DELINEATOR - TYPE 4 ALT 1 GUARDRAIL VERSION</td>
<td>TD9100 MODEL 510242 GUARDFLEX</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>04/14/05</td>
<td>2696</td>
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<td>DELINEATOR TYPE 4 ALT 2</td>
<td>FRANKLIN INDUSTRIES 814/437-3726&lt;br&gt;TRAFFIC SAFETY 800/547-8518</td>
<td>12/18/12</td>
<td>4572</td>
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<td>CLOSE TO REQUIRED DIMENSIONS STEEL</td>
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<tr>
<td>00840.10</td>
<td>DELINEATOR - TYPE 5 BARRIER MARKER</td>
<td>ASTRO OPTICS JD-1 &amp; JD-2</td>
<td>ASTRO OPTICS LLC 847/488-9151&lt;br&gt;GARY KINBERG 847/951-3915</td>
<td>06/09/11</td>
<td>726</td>
<td>A</td>
<td>PRISMATIC LENS ON PLASTIC MARKER. JD-1: SIDE MOUNT, JD-2: TOP MOUNT.</td>
</tr>
<tr>
<td>00840.10</td>
<td>DELINEATOR - TYPE 5 BARRIER MARKER</td>
<td>PCBM-9CM BARRIER REFLECTOR</td>
<td>PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638&lt;br&gt;BILL DALY 408/431-8689&lt;br&gt;TRAFFIC SAFETY 800/547-8518</td>
<td>08/10/00</td>
<td>2267</td>
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<td>PRISMATIC PLASTIC UNITS MOUNTED ON FRONT OF PLASTIC FLANGE.</td>
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<tr>
<td>00840.10</td>
<td>DELINEATOR - TYPE 6 BUTTERFLY</td>
<td>BUTTERFLY GR MARKER MODEL 880 HI AND DG SHEETING</td>
<td>PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638&lt;br&gt;BILL DALY 408/431-8689&lt;br&gt;TRAFFIC SAFETY 800/547-8518</td>
<td>06/09/11</td>
<td>4343</td>
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<td>BOLTED ON VERSION</td>
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<th>Remarks</th>
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<tr>
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<td>Delineator - Type 6</td>
<td>BUTTERFLY GR MARKER MODEL 8GO</td>
<td>PEXCO LLC - DAVIDSON TRAFFIC CORP: 877/335-4638 BILL DALY 408/431-8689 TRAFFIC SAFETY 800/547-8518</td>
<td>06/09/11</td>
<td>4344</td>
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<td>00840.10</td>
<td>Delineator - Type 6</td>
<td>BUTTERFLY FOR GUARDRAIL</td>
<td>ASTRO OPTICS LLC 847/488-9151 GARY KINBERG 847/951-3915</td>
<td>06/09/11</td>
<td>3136</td>
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<td>PLASTIC UNIT THAT FITS IN THE W SHAPE OF THE GUARDRAIL.</td>
</tr>
<tr>
<td>00840.10</td>
<td>Delineator Reflection Center Mount For Types 1, 1U, &amp; 4A2</td>
<td>ASTRO OPTICS RT-90</td>
<td>ASTRO OPTICS LLC 847/488-9151 GARY KINBERG 847/951-3915</td>
<td>06/09/11</td>
<td>3851</td>
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<td>PLASTIC PRISMATIC REFLEX UNIT. NOT FOR FLEXIBLE DELINEATORS. ROUND.</td>
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<td>00850.00</td>
<td>Reflective Elements For Pavement Markings MMA</td>
<td>SWARCO 3131 BLEND</td>
<td>SWARCO INDUSTRIES 933/388-5900 MARK COLOMBO: 314/729-7197 MFG: 254/562-9879 TECH: 314/729-7197</td>
<td>08/28/12</td>
<td>3894</td>
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<td>Reflective Elements For Pavement Markings MMA</td>
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<td>SWARCO INDUSTRIES 933/388-5900 MARK COLOMBO: 314/729-7197 MFG: 254/562-9879 TECH: 314/729-7197</td>
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<td>3895</td>
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<td>COATED FOR USE WITH MMA</td>
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<td>00850.00</td>
<td>Reflective Elements For Pavement Markings Recycled - Regular</td>
<td>POTTERS M247 TYPE 1</td>
<td>POTTERS INDUSTRIES, INC. 503/266-7814 303/375-1293</td>
<td>12/14/95</td>
<td>1448</td>
<td>A</td>
<td>AASHTO M247-TYPE 1, 5 LB OF BEADS PER GAL OF PAINT FOR ODOT MAINTENANCE:</td>
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<tr>
<td>00850.00</td>
<td>Reflective Elements For Pavement Markings Thermoplastic</td>
<td>SWARCO 3130 BLEND</td>
<td>SWARCO INDUSTRIES 933/388-5900 MARK COLOMBO: 314/729-7197 MFG: 254/562-9879 TECH: 314/729-7197</td>
<td>10/14/10</td>
<td>3893</td>
<td>A</td>
<td>DESIGNED WITH A COATING THAT IS GOOD WITH THERMOPLASTIC MARKINGS.</td>
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<td>00855.00</td>
<td>Marker Adhesive - Bitumin Flexible</td>
<td>CRAFCO FLEXIBLE BIT ADHESIVE FORMULA #34270</td>
<td>CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330</td>
<td>06/09/05</td>
<td>2853</td>
<td>Q</td>
<td>OK - PERM JOBS. NOT FOR TEMPORARY INSTALLATIONS. TEST BY LOT.</td>
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<tr>
<td>00855.00</td>
<td>Marker Adhesive - Bitumin Flexible</td>
<td>HENRY # 184 FLEXIBLE DOTSTICK</td>
<td>HENRY CO. 800/851-1131 ALPINE PRODUCTS 800/591-9566</td>
<td>06/09/05</td>
<td>2876</td>
<td>Q</td>
<td>OK - PERM JOBS. NOT FOR TEMPORARY INSTALLATIONS. TEST BY LOT.</td>
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<tr>
<td>00855.00</td>
<td>MARKER ADHESIVE - BITUMIN STANDARD</td>
<td>CRAFCO BITUMINOUS ADHESIVE FORMULA #34269</td>
<td>CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330</td>
<td>05/08/97</td>
<td>238</td>
<td>Q</td>
<td>OK - PERM JOBS BID UNTIL 1/06. OK - TEMP JOBS, NO DATE LIMIT. TEST BY LOT, BUT TESTING NOT NEEDED FOR TEMPORARY PROJECTS.</td>
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<tr>
<td>00855.00</td>
<td>MARKER ADHESIVE - BITUMIN STANDARD</td>
<td>EVERGRIP-OR # 172542</td>
<td>GULF STATES ASPHALT CO. VERNON TURNER 800/662-0987</td>
<td>09/14/00</td>
<td>1807</td>
<td>Q</td>
<td>OK - PERM JOBS BID UNTIL 1/06. OK - TEMP JOBS, NO DATE LIMIT. TEST BY LOT, BUT TESTING NOT NEEDED FOR TEMPORARY PROJECTS.</td>
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<tr>
<td>00855.00</td>
<td>MARKER ADHESIVE - BITUMIN STANDARD</td>
<td>HENRY # 193 DOT STICK ADHESIVE</td>
<td>HENRY CO. 800/851-1131 ALPINE PRODUCTS 800/591-9566</td>
<td>10/09/08</td>
<td>2803</td>
<td>Q</td>
<td>OK - PERM JOBS BID UNTIL 1/06. OK - TEMP JOBS, NO DATE LIMIT. TESTING NOT NEEDED FOR TEMP PROJECTS.</td>
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<tr>
<td>00855.00</td>
<td>MARKER ADHESIVE - EPOXY</td>
<td>POLYCARB MARK 29</td>
<td>POLY-CARB 800/225-5649 DAN PATACCA 216/536-7777</td>
<td>07/14/05</td>
<td>2476</td>
<td>Q</td>
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<td>MARKER ADHESIVE - EPOXY</td>
<td>POLY-CARB MARK 29.9</td>
<td>POLY-CARB 800/225-5649 DAN PATACCA 216/536-7777</td>
<td>05/12/11</td>
<td>4361</td>
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<tr>
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<td>STIMSONITE 944P</td>
<td>ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118</td>
<td>12/13/07</td>
<td>633</td>
<td>A</td>
<td>SIZE: 2&quot; X 4&quot; X 5&quot;. EPOXY OR BIT ADHESIVE. GLASS FACED. RECESSED ONLY.</td>
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<td>PAVEMENT MARKER, RECESSED TYPE 1AR, REFLECTORIZED</td>
<td>STIMSONITE 948</td>
<td>ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118</td>
<td>12/13/08</td>
<td>148</td>
<td>A</td>
<td>2.3X 4.7X .52&quot;. ROUND CORNERS EPOXY OR BIT ADHESIVE. GLASS FACE ON REFLECTOR.</td>
</tr>
<tr>
<td>00855.00</td>
<td>PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED</td>
<td>3-M 290</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>03/22/12</td>
<td>1632</td>
<td>A</td>
<td>PASSED LAB TESTS. BODY MADE OF ENGINEERED THERMOPLASTIC. MFG RECOM BIT OR EPOXY ADHESIV</td>
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<td>PAVEMENT MARKER, TYPE 1 REFLECTORIZED, RAISED</td>
<td>RAY-O-LITE ALL ACRYLIC WHITE: #AA1W; YELLOW: #AA2A</td>
<td>RAY-O-LITE, DIV OF PAC-TEC 800/948-7025 ALPINE PRODUCTS 253/838-4318 TRAFFIC SAFETY 800/547-8518</td>
<td>12/09/99</td>
<td>529</td>
<td>A</td>
<td>SIZE: 4&quot; X 4&quot; X 3&quot;. BIT OR EPOXY ADHESIVES. LABS 91-7335 AND 91-7336</td>
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<th>Standard Spec #</th>
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<th>Product Name</th>
<th>Local Representative &amp;/or Manufacturer</th>
<th>Effective Date</th>
<th>Product Number</th>
<th>List</th>
<th>Remarks</th>
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<td>STIMSONITE 88</td>
<td>ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118</td>
<td>12/13/07</td>
<td>693 A</td>
<td>A</td>
<td>SIZE: 4&quot; X 4&quot; X 7&quot;. EPOXY OR BIT ADHESIVE. SAME AS MODEL 911 BUT W/O GLASS FACE.</td>
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<td>STIMSONITE 911</td>
<td>ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118</td>
<td>12/13/07</td>
<td>629 A</td>
<td>A</td>
<td>SIZE: 4&quot; X 4&quot; X 7&quot;. EPOXY OR BIT ADHESIVE. MODEL 911 HAS GLASS FACE.</td>
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<td>STIMSONITE 948</td>
<td>ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118</td>
<td>12/13/08</td>
<td>148 A</td>
<td>A</td>
<td>2.3X 4.7X 52&quot;, ROUND CORNERS EPOXY OR BIT ADHESIVE. GLASS FACE ON REFLECTOR.</td>
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<tr>
<td>00855.00</td>
<td>PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED, ABRASIVE RESISTANT</td>
<td>RAY-O-LITE ALL ACRYLIC ARC II WHITE: ARC1W; YELLOW: ARC2A</td>
<td>RAY-O-LITE, DIV OF PAC-TEC 800/648-7025 ALPINE PRODUCTS 253/838-4318 TRAFFIC SAFETY 800/547-8518</td>
<td>12/09/99</td>
<td>529 A</td>
<td>A</td>
<td>ABRASIVE RESISTANT VERSION IS MARKED WITH &quot;ARC&quot;, BIT OR EPOXY ADHESIVE. SIZE: 4&quot; X 4&quot; X 7&quot;.</td>
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<td>PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED, ABRASIVE RESISTANT</td>
<td>STIMSONITE 911</td>
<td>ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118</td>
<td>12/13/07</td>
<td>629 A</td>
<td>A</td>
<td>SIZE: 4&quot; X 4&quot; X 7&quot;. EPOXY OR BIT ADHESIVE. MODEL 911 HAS GLASS FACE.</td>
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<tr>
<td>00855.00</td>
<td>PAVEMENT MARKER, TYPE 1AR REFLECTORIZED, RAISED, ABRASIVE RESISTANT</td>
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<td>ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118</td>
<td>12/12/08</td>
<td>148 A</td>
<td>A</td>
<td>2.3X 4.7X 52&quot;, ROUND CORNERS EPOXY OR BIT ADHESIVE. GLASS FACE ON REFLECTOR.</td>
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<td>00855.00</td>
<td>PAVEMENT MARKER, TYPE 2 NON-REFLECTORIZED</td>
<td>DIAMOND BACK - POLYPROPYLENE</td>
<td>INTERSTATE SALES 800/237-7245</td>
<td>09/13/01</td>
<td>2235 A</td>
<td>A</td>
<td>APPROVED FOR USE WITH BITUMINOUS ADHESIVES ONLY. IS ON CALTRANS &amp; WSDOT QPL'S. 4&quot; DIAMETER.</td>
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<td>00856.10</td>
<td>MARKERS, TUBULAR SURFACE MOUNTED PERMANENT</td>
<td>TD5200-526859WFB/526859YFB</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>04/14/11</td>
<td>3598 Q</td>
<td>28&quot; TALL</td>
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<tr>
<td>00856.10</td>
<td>MARKERS, TUBULAR SURFACE MOUNTED PERMANENT</td>
<td>IRS 3&quot; TUFF POST TUBULAR MARKER</td>
<td>IMPACT RECOVERY SYSTEMS 800/736-5256</td>
<td>01/26/12</td>
<td>4557 Q</td>
<td>36&quot; &amp; 48&quot; Tall White or Yellow</td>
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<td>STANDARD SPEC #</td>
<td>CATEGORY</td>
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<td>TD5200-526950WFB</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>04/14/11</td>
<td>3706</td>
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<td>WHITE - 36&quot; TALL</td>
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<td>TD5200-526963YFB</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>04/14/11</td>
<td>3707</td>
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<td>YELLOW - 36&quot; TALL</td>
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<td>TD5200-527223WFB/527223YFB</td>
<td>THREE D TRAFFIC WORKS 877/843-9757</td>
<td>04/14/11</td>
<td>3596</td>
<td>Q</td>
<td>48&quot; TALL</td>
</tr>
<tr>
<td>00856.10</td>
<td>MARKERS, TUBULAR SURFACE MOUNTED 28&quot; &amp; 36&quot; HEIGHT</td>
<td>DURAPOST</td>
<td>SAFE-HIT CORP. 888/323-6374 DAN MCCARTHY 760/285-2699</td>
<td>01/21/14</td>
<td>1182</td>
<td>Q</td>
<td>100% URETHANE PLASTIC, PIN AT BASE HOLDS TOP ON. PRODUCT IS 3&quot; DIA.</td>
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<tr>
<td>00860.00</td>
<td>LONGITUDINAL PAINT WATERBORNE</td>
<td>COLUMBIA 17-123 CC</td>
<td>COLUMBIA PAINT A DIV OF SHERWIN WILLIAMS NEAL SHERMERHORN 832/444-9168</td>
<td>07/14/11</td>
<td>2366</td>
<td>A</td>
<td>INSTANT DRY ACRYLIC LATEX YELLOW TEST DECK 73000042-99 SERVICE LIFE INDEX=54</td>
</tr>
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<td>LONGITUDINAL PAINT WATERBORNE</td>
<td>COLUMBIA 17-123 WW</td>
<td>COLUMBIA PAINT A DIV OF SHERWIN WILLIAMS NEAL SHERMERHORN 832/444-9168</td>
<td>07/14/11</td>
<td>2364</td>
<td>A</td>
<td>INSTANT DRY ACRYLIC LATEX WHITE TEST DECK 73000042-99 SERVICE LIFE INDEX=120</td>
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<td>DURALINE 2000 (2706 RESIN) WHI WAS TMT PATHWAY OR95W5</td>
<td>ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118</td>
<td>08/11/11</td>
<td>1390</td>
<td>A</td>
<td>WATERBORNE TRAFFIC PAINT USING ROHM AND HAAS 2706 RESIN. WHITE. CONTROL ON 1999 TEST DECK - SERVICE LIFE INDEX=89</td>
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<td>DURALINE 2000 (2706 RESIN) YEL WAS TMT PATHWAY OR95Y7</td>
<td>ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118 JOHN STEFANI 503-569-0332</td>
<td>08/11/11</td>
<td>1390</td>
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<td>WATERBORNE TRAFFIC PAINT USING ROHM AND HAAS 2706 RESIN. YELLOW CONTROL ON 1999 TEST DECK - SERVICE LIFE INDEX=1</td>
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<tr>
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<td>LONGITUDINAL PAINT WATERBORNE</td>
<td>DURALINE 2000 (3427 RESIN) WHI WAS TMT PATHWAY OR95W5-1</td>
<td>ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118 JOHN STEFANI 503-569-0332</td>
<td>08/11/11</td>
<td>1916</td>
<td>A</td>
<td>WATERBORNE TRAFFIC PAINT USING ROHM AND HAAS 3427 RESIN. WHITE. CONTROL ON 2001 TEST DECK - SERVICE LIFE INDEX=42</td>
</tr>
</tbody>
</table>

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<td>08/11/11</td>
<td>1916</td>
<td>A</td>
<td>WATERBORNE TRAFFIC PAINT USING ROHM AND HAAS 3427 RESIN. YELLOW CONTROL ON 2001 TEST DECK - SERVICE LIFE INDEX=41</td>
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<td>11/16/00</td>
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<td>TEST DECK 73000029-01 SERVICE LIFE INDEX= 64 DAS BID 3057, EXP 3/18/06</td>
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<td>TMT PATHWAY O600W2</td>
<td>ENNIS PAINT 800/331-8118 KLYNE MCCARTY 800/331-8118 111 JOHN STEFANI 503-569-0332</td>
<td>04/13/06</td>
<td>2371 A</td>
<td>A</td>
<td>FAST DRY ACRYLIC WATERBORNE WHITE TEST DECK 73000042.99 SERVICE LIFE INDEX=126</td>
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<td>TMT PATHWAY O600Y3</td>
<td>ENNIS PAINT 800/331-8118 KLYNE MCCARTY 800/331-8118 111 JOHN STEFANI 503-569-0332</td>
<td>04/13/06</td>
<td>2369 A</td>
<td>A</td>
<td>FAST DRY ACRYLIC WATERBORNE YELLOW TEST DECK 73000042.99 SERVICE LIFE INDEX=79</td>
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<td>DURASET 3 - WHITE (999441W1)</td>
<td>ENNIS PAINT 800/331-8118</td>
<td>11/12/09</td>
<td>3068 Q</td>
<td>TESTED ON ROUTE 22 8/17/04 #1. CODE: 999441W1</td>
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<td>ENNIS PAINT 800/331-8118</td>
<td>11/12/09</td>
<td>3069 Q</td>
<td>TESTED ON ROUTE 22 8/17/04 #2.</td>
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<td>01/14/10</td>
<td>2826 Q</td>
<td>TESTED DECK '03 LINE 27 &amp; 28. CODE: 999655W CAT: 999655C 4:1 RATIO.</td>
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<td>THERMOPLASTIC LINE WITH BUMPS BEADS: SWARCO 3190</td>
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</table>

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<td>10/14/10</td>
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<td>TESTED DECK '03 LINE 27 &amp; 28 CODE: 999655W CAT: 999655C 4:1 RATIO.</td>
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<td>DURASET TYPE 3 (999441-W3A)</td>
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<td>4012 Q</td>
<td>TESTED ON ROUTE 22 2007 #78</td>
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<td>PERMALINE - WHITE (884029) PRIMERLESS</td>
<td>ENNIS PAINT 800/331-8118</td>
<td>09/09/10</td>
<td>1778</td>
<td>Q</td>
<td>MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. 120 MILS AS SPECIFIED. BEADS: SWARCO 3130</td>
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<td>09/09/10</td>
<td>1778</td>
<td>Q</td>
<td>MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. 120 MILS AS SPECIFIED. BEADS: SWARCO 3130</td>
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<tr>
<td>00865.00</td>
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<td>MFG SAYS PRODUCT MAY BE APPLIED W/O PRIMER. 120 MILS AS SPECIFIED. BEADS: SWARCO 3130</td>
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<td>METHOD C TAPE ROLLED IN &amp; GROOVED NON-PATTERNED</td>
<td>BRITE-LINE 1000 WHITE &amp; YELLOW</td>
<td>BRITE-LINE TECH: 888/375-1293 GORDON SILL 720/473-6217 PAT DONNELLY: 918/691-1248 BILL JUBAK: 702/649-9223</td>
<td>11/12/09</td>
<td>789</td>
<td>Q</td>
<td>NO F MIX APPLICATIONS. MAY NEED PRIMER. WAS METHOD G</td>
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<tr>
<td>00865.00</td>
<td>METHOD C TAPE ROLLED IN &amp; GROOVED PATTERNED</td>
<td>3-M STAMARK 380I ES SERIES WHITE: 380IIES &amp; YELLOW: 381IIES</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>09/11/08</td>
<td>2934</td>
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<td>METHOD C TAPE ROLLED IN &amp; GROOVED PATTERNED (CONTRAST)</td>
<td>3-M STAMARK 380-5</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>07/13/00</td>
<td>1410</td>
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<td>CONTRAST TAPE WITH BLACK ON EACH SIDE OF 4” WHITE. WAS METHOD G</td>
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<td>METHOD C TAPE ROLLED IN &amp; GROOVED PATTERNED (CONTRAST) WET WEATHER</td>
<td>3-M SERIES 380AW,381AW,&amp; 380-SAW</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>08/11/11</td>
<td>3915</td>
<td>Q</td>
<td>2010 TEST DECK # 47 &amp; 48. MICRO-CRYSTALINE BEADS 3-M SERIES 380-SAW CONTRAST WAS METHOD G</td>
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<td>LONGITUDINAL, HP - 1 METHOD 1 - SPRAY HI-BUILD PAINT, 25 MILS</td>
<td>3-M AWP SERIES 90 (LBB) LARGE BEAD BASE</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>08/13/09</td>
<td>3917</td>
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<td>LARGE BEAD BASE WITH 90% WET &amp; 10% DRY BEADS</td>
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<td>LONGITUDINAL, HP - 1 METHOD 1 - SPRAY HI-BUILD PAINT, 25 MILS</td>
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<td>01/14/10</td>
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<td>HPS-4</td>
<td>ENNIS TRAFFIC SAFETY SOLUTIONS 800/331-8118</td>
<td>08/11/11</td>
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<td>TESTED IN R-4 AND R-5 WITH GOOD SUCCESS.</td>
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<td>LONGITUDINAL, HP - 1 METHOD 1 - SPRAY POLYUREA, 20 MILS, SPRAY</td>
<td>EPOPLEX LS90</td>
<td>EPOPLEX CORP BOB CASEY 801/619-1442</td>
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<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>08/13/09</td>
<td>3917</td>
<td>Q</td>
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<td>2474</td>
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<td>02/14/02</td>
<td>2522</td>
<td>A</td>
<td>STAINLESS STEEL VERSION.</td>
</tr>
<tr>
<td>00930.00</td>
<td>PSST - SIGN SUPPORT</td>
<td>ANCHOR TUBE HEAVY WALL ANCHOR 21/2&quot; &amp; 3&quot; x 36&quot; -7GA</td>
<td>SERVICE STEEL TRAFFIC SAFETY SUPPLY CO INC</td>
<td>07/14/11</td>
<td>4430</td>
<td>Q</td>
<td>2.5&quot; X 2.5&quot; &amp; 3&quot; X 3&quot; 7GA 36&quot; ANCHORS FOR 2 &amp; 2.5&quot; POSTS PER ODOT TM687. MUST BE ASTM A500 GR B &amp; GALV PER ASTM A123</td>
</tr>
<tr>
<td>00930.00</td>
<td>PSST - SIGN SUPPORT</td>
<td>ONE PIECE TUBE ANCHOR HEAVY WALL ANCHOR</td>
<td>PACIFIC PRODUCTS TRAFFIC SAFETY 800/547-8518</td>
<td>05/13/10</td>
<td>3730</td>
<td>A</td>
<td>THE G140 VERSION MEETS OUR SPECS.</td>
</tr>
<tr>
<td>00930.00</td>
<td>PSST - SIGN SUPPORT</td>
<td>ULTI-MATE G140</td>
<td>ULTIMATE HIGHWAY PRODUCTS</td>
<td>10/14/10</td>
<td>1613</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>00930.00</td>
<td>PSST - SLIP BASE</td>
<td>REDI-TORQUE MODEL 280 (GALV) MODEL: RT8UX-25T36C-G 8&quot; R-T</td>
<td>XCESSORIES SQUARED DEV &amp; MFG 217/438-3535</td>
<td>10/14/10</td>
<td>4156</td>
<td>A</td>
<td>HARDWARE ON MFG# 021510. TOP ASSEMBLY ON MFG# 021910. BOTTOM BASE ON MFG#SB8-CTA-36G ASSEMBLY MUST BE GALVANIZED.</td>
</tr>
<tr>
<td>00990.43</td>
<td>TRAFFIC LOOP SEALANTS EPOXY</td>
<td>EAS-14</td>
<td>QCM COMPANY 800/321-0170</td>
<td>05/01/88</td>
<td>782</td>
<td>A</td>
<td>AC OR PCC. EPOXY. TYPES 1 &amp; 2; FOR HILLS &amp; FLAT GRADES. DAMP BUT NOT WET. SPECS REQ. 1 YR WARRANTY PAST JOB ACCEPTANCE.</td>
</tr>
</tbody>
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<tr>
<td>00990.43</td>
<td>TRAFFIC LOOP SEALANTS HOT MELT ASPHALT</td>
<td>BJ SUPER</td>
<td>DYNAMIC SURFACE APPLICATIONS 800/491-5663 NORTHWEST JOINTS 503/703-0765 WAS LAFARGE NOW DSA</td>
<td>05/13/04</td>
<td>2926</td>
<td>A</td>
<td>POLYMER MODIFIED ASPHALTIC BINDER.</td>
</tr>
<tr>
<td>00990.43</td>
<td>TRAFFIC LOOP SEALANTS HOT MELT ASPHALT</td>
<td>CRAFCO 34271 LOOP SEALANT</td>
<td>CRAFCO INC. 800/528-8242 GREG SHARP 503/284-4330</td>
<td>02/10/00</td>
<td>143</td>
<td>A</td>
<td>AC OR PCC HOT MELT, RUBBERIZED ASPHALT. HI TEMP CAN MELT WIRE INSULATION. CLEAN &amp; DRY. (WAS DISTRIBUTED BY MSI)</td>
</tr>
<tr>
<td>00990.43</td>
<td>TRAFFIC LOOP SEALANTS HOT MELT ASPHALT</td>
<td>DURAFLEX DETECTOR LOOP SEALANT #760</td>
<td>HENRY CO. 800/851-1131 ALPINE PRODUCTS 800/591-9466 916/849-9908</td>
<td>08/14/03</td>
<td>2804</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>00990.43</td>
<td>TRAFFIC LOOP SEALANTS POLYESTER</td>
<td>BONO P 6061</td>
<td>3-M TRAFFIC 404/661-1875 WAS BONDO CORP 800/241-3386</td>
<td>08/12/10</td>
<td>879</td>
<td>A</td>
<td>POLYESTER. IT'S POURABLE, SELF LEVELING, ASSURES PROTECTION TO WIRES. SPECS. REQ. 1 YEAR WARRANTY PAST JOB ACCEPTANCE.</td>
</tr>
<tr>
<td>00990.43</td>
<td>TRAFFIC LOOP SEALANTS POLYESTER</td>
<td>BONO P-606V</td>
<td>3-M TRAFFIC 404/661/1875 ADVANCED TRAFFIC PRODUCTS 425/347/6308</td>
<td>12/30/11</td>
<td>4348</td>
<td>A</td>
<td>POURABLE POLYESTER CURABLE BY FURNISHED MEKP</td>
</tr>
<tr>
<td>01010.03</td>
<td>SCF - SUSPENDED SOLIDS STORMWATER CONTROL FACIL</td>
<td>FLOGARD PERK FILTER</td>
<td>KrlStar Enterprises 951/970-0728</td>
<td>04/12/13</td>
<td>4605</td>
<td>A</td>
<td>CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.</td>
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<tr>
<td>01010.03</td>
<td>SCF-DISSOLVED METALS STORMWATER CONTROL FACIL</td>
<td>FILTERRA BIORETENTION SYSTEM</td>
<td>FILTERRA BIORETENTION SYSTEMS 866/349-3458 (AMERICAST)</td>
<td>01/14/10</td>
<td>3703</td>
<td>A</td>
<td>CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.</td>
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<tr>
<td>01010.03</td>
<td>SCF-OIL TREATMENT STORMWATER CONTROL FACIL</td>
<td>FILTERRA BIORETENTION SYSTEM</td>
<td>FILTERRA BIORETENTION SYSTEMS 866/349-3458 (AMERICAST)</td>
<td>01/14/10</td>
<td>3703</td>
<td>A</td>
<td>CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.</td>
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<tr>
<td>01010.03</td>
<td>SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL</td>
<td>CONTINUOUS DEFLECTIVE SEPARATOR</td>
<td>CONTECH STORMWATER SOLUTIONS 503/258-3105</td>
<td>09/11/08</td>
<td>3690</td>
<td>A</td>
<td>CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.</td>
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<tr>
<td>01010.03</td>
<td>SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL</td>
<td>DOWNSTREAM DEFENDER</td>
<td>HYDRO INTERNATIONAL</td>
<td>07/10/08</td>
<td>2001</td>
<td>A</td>
<td>CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.</td>
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<tr>
<td>01010.03</td>
<td>SCF-SEDIMENT PRE-TREAT STORMWATER CONTROL FACIL</td>
<td>VORTECHS SYSTEM</td>
<td>CONTECH STORMWATER SOLUTIONS 503/258-3105</td>
<td>09/11/08</td>
<td>3693</td>
<td>A</td>
<td>CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.</td>
</tr>
<tr>
<td>01010.03</td>
<td>SCF-SEDIMENT PRETREATMENT STORMWATER CONTROL FACIL</td>
<td>STORMCEPTOR</td>
<td>RINKER MATERIALS 800/909-7763 PETER VAN TILBURG 503/572-9894</td>
<td>04/08/10</td>
<td>1696</td>
<td>A</td>
<td>SEDIMENT CONTAINMENT CLEAN-OUT IS BY VACUUM TRUCK. CONSULT WITH GEOHYDRO.</td>
</tr>
<tr>
<td>01010.03</td>
<td>SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL</td>
<td>FILTERRA BIORETENTION SYSTEM</td>
<td>FILTERRA BIORETENTION SYSTEMS 866/349-3458 (AMERICAST)</td>
<td>01/14/10</td>
<td>3703</td>
<td>A</td>
<td>CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.</td>
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<td>01010.03</td>
<td>SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL</td>
<td>MEDIA FILTRATION SYSTEM</td>
<td>CONTECH STORMWATER SOLUTIONS 503/258-3105</td>
<td>09/11/08</td>
<td>3691</td>
<td>A</td>
<td>CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.</td>
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<td>01010.03</td>
<td>SCF-SUSPENDED SOLIDS STORMWATER CONTROL FACIL</td>
<td>STORMWATER MGT STORMFILTER</td>
<td>CONTECH STORMWATER SOLUTIONS 503/258-3105</td>
<td>09/11/08</td>
<td>3692</td>
<td>A</td>
<td>USE MEDIA ZPG CONSULT WITH GEO HYDRO STAFF PRIOR TO DESIGN AND/OR INSTALLATION.</td>
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<tr>
<td>01040.15</td>
<td>COMPOST</td>
<td>NATURE'S OWN LIVING HUMUS</td>
<td>NATURE'S NEEDS 503/647-9489</td>
<td>04/14/05</td>
<td>2947</td>
<td>A</td>
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<tr>
<td>01040.15</td>
<td>SOIL CONDITIONER ORGANIC</td>
<td>KIWI POWER</td>
<td>QUATTRO ENVIRONMENTAL 619/522-0044</td>
<td>11/08/01</td>
<td>2442</td>
<td>A</td>
<td>USED ON WINCHESTER SLIDE REVEG AND CAPE COVE SLIDE, AND LINN DUTTON ROD PROJECTS.</td>
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<tr>
<td>01040.17</td>
<td>SOIL BIO-AMENDMENT</td>
<td>MYCOAPPLY ENDO</td>
<td>MYCORRHIZAL APPLICATIONS 866/476-7800 OR 541/476-3985</td>
<td>02/11/10</td>
<td>3938</td>
<td>A</td>
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<tr>
<td>01040.17</td>
<td>SOIL BIO-AMENDMENT</td>
<td>MYCOAPPLY ENDO PLUS</td>
<td>MYCORRHIZAL APPLICATIONS 866/476-780 OR 541/476-3985</td>
<td>02/11/10</td>
<td>3939</td>
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<tr>
<td>01040.17</td>
<td>SOIL BIO-AMENDMENT</td>
<td>MYCOAPPLY ENDO/ECTO PLUS</td>
<td>MYCORRHIZAL APPLICATIONS 866/476-780 OR 541/476-3985</td>
<td>02/11/10</td>
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<tr>
<td>01040.17</td>
<td>SOIL BIO-AMENDMENT</td>
<td>MYCOAPPLY ENDONET</td>
<td>MYCORRHIZAL APPLICATIONS 866/476-780 OR 541/476-3985</td>
<td>02/11/10</td>
<td>3944</td>
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<tr>
<td>01040.17</td>
<td>SOIL BIO-AMENDMENT</td>
<td>MYCOAPPLY MICRONIZED ENDO</td>
<td>MYCORRHIZAL APPLICATIONS 866/476-780 OR 541/476-3985</td>
<td>02/11/10</td>
<td>3941</td>
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<tr>
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<td>SOIL BIO-AMENDMENT</td>
<td>MYCOAPPLY MICRONIZED ENDO/ECTO</td>
<td>MYCORRHIZAL APPLICATIONS 866/476-780 OR 541/476-3985</td>
<td>02/11/10</td>
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<td>SOIL BIO-AMENDMENT</td>
<td>MYCOAPPLY SOLUBLE MAXX</td>
<td>MYCORRHIZAL APPLICATIONS 866/476-780 OR 541/476-3985</td>
<td>02/11/10</td>
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<td>01040.17</td>
<td>SOIL BIO-AMENDMENT</td>
<td>NATURE'S OWN LIVING HUMUS</td>
<td>NATURE'S NEEDS 503/647-9489</td>
<td>04/14/05</td>
<td>2947</td>
<td>A</td>
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<tr>
<td>01040.21</td>
<td>HERBICIDES</td>
<td>BIOBARRIER II WEED CONTROL</td>
<td>REEMAY, INC., OLD HICKORY,TN 615/847-7000</td>
<td>05/18/98</td>
<td>1627</td>
<td>A</td>
<td>PROD. IS FABRIC, INCORPORATING HERBICIDE NODULES AT INTERVALS PROD. IS UV SENSITIVE, AND MUST BE COVERED WITH 2&quot; OF COVER MTL</td>
</tr>
<tr>
<td>01040.21</td>
<td>HERBICIDES</td>
<td>BIOBARRIER ROOT CONTROL</td>
<td>REEMAY, INC., OLD HICKORY,TN 615/847-7000</td>
<td>05/18/98</td>
<td>1626</td>
<td>A</td>
<td>PRODUCT GUARANTEED, 15 YRS. PROD. IS TIME-RELEASED HERBICIDE NODULES, IMBEDDED AT REGULAR INTERVALS IN FABRIC</td>
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<tr>
<td>01040.21</td>
<td>SOIL STERILIZATION</td>
<td>CASORON (GRANULAR)</td>
<td>LILLY MILLER 800/265-0761</td>
<td>05/01/88</td>
<td>1387</td>
<td>A</td>
<td>FOLLOW MFG INSTRUCTIONS FOR APPLICATION. DO NOT OVER APPLY.</td>
</tr>
<tr>
<td>01040.22</td>
<td>MOISTURE RETENTION CHEMICAL - FOR SOIL</td>
<td>SOIL MOIST - POLYMER</td>
<td>JRM CHEMICAL 800/962-4010 1675 MARYLHURST DR WEST LINN, OR 97088 503/636-8849</td>
<td>11/09/06</td>
<td>446</td>
<td>A</td>
<td>ACRYLIC POLYMER REDUCE WATERINGS BY 50% INTENDED FOR PLANTING IN LOW MOISTURE AREAS.</td>
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<tr>
<td>01040.22</td>
<td>MOISTURE RETENTION CHEMICAL - FOR SOIL</td>
<td>STOCKOSORB 660</td>
<td>EVONIK STOCKHAUSEN336/335-3871 INNOVATIVE TURF SOLUTIONS 513/317-8311</td>
<td>05/13/10</td>
<td>4137</td>
<td>A</td>
<td>USE CARE IN APPLICATION.</td>
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<tr>
<td>01070.00</td>
<td>MAILBOX SUPPORTS</td>
<td>T&amp;T MAILBOX SUPPORT MODELS 15001 &amp; 15002</td>
<td>TRAFFIC SAFETY/TAPCO 800/547-8518</td>
<td>07/14/05</td>
<td>3166</td>
<td>A</td>
<td>SLIGHT MODIFICATION OF TAPCO SUPPORT BY TRAFFIC SAFETY TO MEET OUR REQUIREMENTS - RD100. INCLUDES V-WING ANCHOR (20VR3)</td>
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<tr>
<td>02010.10</td>
<td>CEMENT, TYPE I</td>
<td>CAL PORTLAND - MOJAVE CEMENT</td>
<td>CalPortland Company Kevin Wolf 503/535-7713</td>
<td>12/11/08</td>
<td>3724</td>
<td>A</td>
<td>AASHTO TYPE I ONLY.</td>
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<tr>
<td>02010.10</td>
<td>CEMENT, TYPE I</td>
<td>CAL PORTLAND - NANJING</td>
<td>CalPortland Company Kevin Wolf 503/535-7713</td>
<td>05/14/09</td>
<td>1619</td>
<td>A</td>
<td>AASHTO TYPE I ONLY. SOURCE: ONODA (Nanjing).</td>
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<td>CEMENT, TYPE I</td>
<td>CAL PORTLAND-JURONG TCC CEMENT WAS CHIA HSIN JINGYANG</td>
<td>CalPortland Company Kevin Wolf 503/535-7713</td>
<td>09/11/08</td>
<td>3282</td>
<td>A</td>
<td>AASHTO TYPE I ONLY.</td>
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<tr>
<td>02010.10</td>
<td>CEMENT, TYPE I</td>
<td>NEVADA CEMENT</td>
<td>NEVADA CEMENT 775/575-2281 LAKEVIEW REDIMIX 541/947-2212</td>
<td>01/12/06</td>
<td>3229</td>
<td>A</td>
<td>SUBSTANCIALLY MET AASHTO M85 TYPE I, DID NOT MEET TYPE II REQUIREMENTS.</td>
</tr>
<tr>
<td>02010.10</td>
<td>CEMENT, TYPE I</td>
<td>ASH GROVE - JURONG TCC CEMENT WAS CHIA HSIN JINGYANG</td>
<td>ASHGROVE CEMENT CO. 206/623-5596</td>
<td>09/11/08</td>
<td>3465</td>
<td>A</td>
<td>AASHTO TYPE I ONLY.</td>
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<tr>
<td>02010.10</td>
<td>CEMENT, TYPE III</td>
<td>LAFARGE CEMENT - KAMLOOPS</td>
<td>LAFARGE CORPORATION</td>
<td>01/11/96</td>
<td>1475</td>
<td>A</td>
<td>KAMLOOPS PLANT AASHTO TYPE III ODOT ID# 1475B</td>
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<tr>
<td>02010.10</td>
<td>CEMENT, TYPE IP</td>
<td>LAFARGE CEMENT - SEATTLE</td>
<td>LAFARGE CORPORATION</td>
<td>12/09/99</td>
<td>1970</td>
<td>A</td>
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<tr>
<td>02010.10</td>
<td>CEMENT, TYPE I-S</td>
<td>LAFARGE MAXCEM (30%)</td>
<td>LAFARGE CORPORATION</td>
<td>09/08/05</td>
<td>3021</td>
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<td>SLAG MODIFIED - SEATTLE PLANT. TYPE 1 CEMENT WITH 30% SLAG.</td>
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<tr>
<td>02010.10</td>
<td>CEMENT, TYPE I-SM</td>
<td>LAFARGE MAXCEM (20%)</td>
<td>LAFARGE CORPORATION</td>
<td>02/14/02</td>
<td>2298</td>
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<td>SLAG MODIFIED - SEATTLE PLANT. TYPE 1 CEMENT WITH 20% SLAG.</td>
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| 02010.10        | CEMENT, TYPES I, II| LEHIGH CEMENT-DELTA WAS CALAVARAS THEN TILBURY| LEHIGH NORTHWEST CEMENT CO.  
          503/293-8459  
          JIM RENNIE 604/946-0411 | 01/07/98       | 1746            | A    | DELTA BC PLANT.                                                                                   |
| 02010.10        | CEMENT, TYPES I, II| ORDINARY PORTLAND CEMENT            | CalPortland Company                     | 07/26/13       | 4071           | A    |                                                                                                   |

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<td>W.R. GRACE &amp; CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023</td>
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<td>MODIFIER - SILICA FUME (MICROSILICA)</td>
<td>MASTERLIFE SF 100</td>
<td>BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOUTECH 503/806-1647 BOB ALLEN 503-329-7232</td>
<td>10/12/06</td>
<td>3053</td>
<td>Q</td>
<td>WAS RHEOMAC SF-100 1/14</td>
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<td>MODIFIER - LATEX ADMIX FOR DECK OVERLAY</td>
<td>STYROFAN 1186</td>
<td>BASF CORP, CHEMICALS DIV. JOHN SWEENEY 317/293-4250 800/251-0612</td>
<td>05/01/88</td>
<td>566</td>
<td>Q</td>
<td>SUBMIT AS PART OF MIX DESIGN REQUEST THRU MATERIALS LAB.</td>
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<td>MODIFIER - LATEX ADMIX FOR DECK OVERLAY</td>
<td>STYRON LATEX MODIFIER A/NA WAS DOW MODIFIER A</td>
<td>STYRON 766/694-2324 BRANDT TECH 630/787-1800</td>
<td>07/14/11</td>
<td>1305</td>
<td>Q</td>
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<td>MODIFIER - GGBF (SLAG)</td>
<td>DURA SLAG</td>
<td>ASHGROVE CEMENT CO. DAVE BURG 503/207-2109</td>
<td>09/10/09</td>
<td>3970</td>
<td>Q</td>
<td>GROUND GRANULATED BLAST FURNACE SLAG.</td>
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<td>MODIFIER - GGBF (SLAG)</td>
<td>LAFARGE NEWCEM</td>
<td>LAFARGE CORPORATION ROB SHOGREN 206/923-9953</td>
<td>09/08/05</td>
<td>3022</td>
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<td>MODIFIER-GGBF (Slag)</td>
<td>CALPORTLAND SLAG CEMENT</td>
<td>SAMPYO CORPORATION SOUTH KOREA CALPORTLAND 503/5357713</td>
<td>05/07/12</td>
<td>4491</td>
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<tr>
<td>02030.50</td>
<td>MODIFIER - METAKAOLIN HI REACTIVITY</td>
<td>POWER POZZ</td>
<td>GRACE DAVISON 803/648-9575 ADVANCED CEMENT TECHNOLOGIES KEN MCPHALEN 360/332-7060</td>
<td>04/10/08</td>
<td>2676</td>
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<td>02030.60</td>
<td>MODIFIER-BLENDED</td>
<td>NEWCEM PLUS</td>
<td>LAFARGE CORPORATION ROB SHOGREN 206/923-9953</td>
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<td>4070</td>
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<td>FLY ASH F &amp; GGBS BLEND</td>
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<th>REMARKS</th>
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<td>AIR TITE 60</td>
<td>W.R. GRACE &amp; CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023</td>
<td>01/09/97</td>
<td>1599</td>
<td>A</td>
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<td>NOW CALLED DARAVAIR AT60</td>
<td>W.R. GRACE &amp; CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023</td>
<td>04/11/02</td>
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<td>DARAVAIR 1000</td>
<td>W.R. GRACE &amp; CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023</td>
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<td>AIR ENTRAINING AGENT</td>
<td>DARAVAIR PAVE 10</td>
<td>W.R. GRACE &amp; CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023</td>
<td>04/14/11</td>
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<td>SAME AS DARAVAIR 1000</td>
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<td>AIR ENTRAINING AGENT</td>
<td>DAREX II AEA</td>
<td>W.R. GRACE &amp; CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023</td>
<td>06/10/93</td>
<td>1035</td>
<td>A</td>
<td>MFG HAS SUBMITTED TEST RESULTS CONFORMING TO ASTM C-260. USES ORGANIC ACID SALTS IN AN AQUEOUS SOLUTION.</td>
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<td>AIR ENTRAINING AGENT</td>
<td>EUCON AEA 92</td>
<td>EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560</td>
<td>09/09/04</td>
<td>2257</td>
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<td>AIR ENTRAINING AGENT</td>
<td>EUCON AIR 40</td>
<td>EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560</td>
<td>05/14/98</td>
<td>1741</td>
<td>A</td>
<td>LIQUID ADDITIVE, SAID BY MANUF. TO REDUCE PERMEABILITY, &amp; ENHANCE FREEZE/THAW &amp; DE-ICE CAPABILITY OF CONCRETE.</td>
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<td>02040.10</td>
<td>AIR ENTRAINING AGENT</td>
<td>EUCON AIR MIX 200</td>
<td>EUCLID CHEMICAL 800/321-7628 WILLIAMS CONCRETE 800/255-0560</td>
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<td>2256</td>
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<tr>
<td>02040.10</td>
<td>AIR ENTRAINING AGENT</td>
<td>FRITZ-PAK AIR PLUS</td>
<td>FRITZ-PAK 888/746-4116 MASONS SUPPLY 800/037-3407</td>
<td>07/08/93</td>
<td>1040</td>
<td>A</td>
<td>DRY, POWDERED AEA ADMIX 238ML UPS FULL LOAD 1/4 TO 1%. COMPATIBLE WALL AEA + CACl ADD OTHER ADMIX. SEPARATELY.</td>
</tr>
</tbody>
</table>

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</tr>
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</table>
| 02040.10        | AIR ENTRAINING AGENT | FRITZ-PAK SUPER AIR PLUS | FRITZ-PAK 888/746-4116  
MASON'S 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 + CAACL.  
ADD OTHER ADMIX SEPARATELY. |
| 02040.10        | AIR ENTRAINING AGENT | MASTERAIR AE 200 | BASF - ADMIXTURES 216/839-7500  
MARK PIECHUTA 216/839-7072  
GARY WOJTECH 503/806-1647  
BOB ALLEN 503/329-7232 | 10/12/06 | 2957 | A | WAS MICRO AIR 1/14 |
| 02040.10        | AIR ENTRAINING AGENT | MASTERAIR AE 400 | BASF - ADMIXTURES 216/839-7500  
MARK PIECHUTA 216/839-7072  
GARY WOJTECH 503/806-1647  
BOB ALLEN 503/329-7232 | 11/11/10 | 4264 | A | WAS EVAIR PLUS 1/14 |
| 02040.10        | AIR ENTRAINING AGENT | MASTERAIR AE 90 | BASF - ADMIXTURES 216/839-7500  
MARK PIECHUTA 216/839-7072  
GARY WOJTECH 503/806-1647  
BOB ALLEN 503/329-7232 | 10/12/06 | 1163 | A | WAS MB-AE 90 1/14 |
| 02040.10        | AIR ENTRAINING AGENT | MASTERAIR VR 10 | BASF - ADMIXTURES 216/839-7500  
MARK PIECHUTA 216/839-7072  
GARY WOJTECH 503/806-1647  
BOB ALLEN 503/329-7232 | 10/12/06 | 2047 | A | WAS MB-VR 1/14 |
| 02040.10        | AIR ENTRAINING AGENT | PAVE AIR 90 | BASF - ADMIXTURES 216/839-7500  
MARK PIECHUTA 216/839-7072  
GARY WOJTECH 503/806-1647  
BOB ALLEN 503/329-7232 | 06/11/09 | 3899 | A | |
| 02040.10        | AIR ENTRAINING AGENT | PAVE-AIR | BASF - ADMIXTURES 216/839-7500  
MARK PIECHUTA 216/839-7072  
GARY WOJTECH 503/806-1647  
BOB ALLEN 503/329-7232 | 10/12/06 | 1358 | A | |
| 02040.10        | AIR ENTRAINING AGENT | POLYCHEM AE | GENERAL RESOURCE TECHNOLOGY  
800/324-8154 OR 651/454-4151 | 11/14/02 | 2545 | A | |
| 02040.10        | AIR ENTRAINING AGENT | SIKA AIR | SIKA CORP 201/933-8800  
JAMES DEMARO 908/482-1427  
ATLAS SUPPLY 800/806-7952  
MASON'S SUPPLY 800/557-3407 | 01/12/06 | 3243 | A | |

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<td>AIR ENTRAINING AGENT</td>
<td>SIKA AIR 260</td>
<td>SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/557-3407</td>
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<td>AIR ENTRAINING AGENT</td>
<td>SIKA MULTI AIR 25</td>
<td>SIKA CORP 201/933-8800 JAMES DEMARO 908/552-1427 ATLAS SUPPLY 800/806-7952 MASONS SUPPLY 800/557-3407</td>
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<td>STABLE AIR</td>
<td>CELLULAR CONCRETE TECHNOLOGIES 949/754-0570</td>
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<td>TYPE A ADMIXTURE WATER REDUCER</td>
<td>ADVA FLEX</td>
<td>W.R. GRACE &amp; CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023</td>
<td>07/14/11</td>
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<td>TYPE A ADMIXTURE WATER REDUCER</td>
<td>ADVA XT2</td>
<td>W.R. GRACE &amp; CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023</td>
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<td>W.R. GRACE &amp; CO. 877/423-6491 DENISE WHITE 617/498-4555 KEITH TERRILL 503/333-0023</td>
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<td>GENERAL RESOURCE TECHNOLOGY 800/324-8154 OR 651/454-4151</td>
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<td>TYPE A ADMIXTURE WATER REDUCER</td>
<td>MASTERGLENIUM 7101</td>
<td>BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232</td>
<td>09/13/07</td>
<td>3484</td>
<td>A</td>
<td>WAS GLENIUM 7101 1/14 NOT COMPATIBLE WITH BETA-NAPHTHALENE SULFONATE ADDITIVE</td>
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<td>TYPE A ADMIXTURE WATER REDUCER</td>
<td>MASTERGLENIUM 7500</td>
<td>BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232</td>
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<td>WAS GLENIUM 7500 1/14 NOT COMPATIBLE WITH BETA-NAPHTHALENE SULFONATE ADDITIVE</td>
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<td>TYPE A ADMIXTURE WATER REDUCER</td>
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<td>BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232</td>
<td>10/12/06</td>
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<td>BASF - ADMIXTURES 216/839-7500 MARK PIECHUTA 216/839-7072 GARY WOJTECH 503/806-1647 BOB ALLEN 503/329-7232</td>
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<td>MASTERPOLYHEED 100</td>
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<td>STRUX BT50</td>
<td>W.R. GRACE &amp; CO. 877/423-6491&lt;br&gt;DENISE WHITE 617/498-4555&lt;br&gt;KEITH TERRILL 503/333-0023</td>
<td>01/21/14</td>
<td>4741</td>
<td>A</td>
<td>DOSE RATE OF 5 POUNDS PER CUBIC YARD OF CONCRETE</td>
</tr>
<tr>
<td>02045.30</td>
<td>SYNTHETIC FIBER REINFORCING</td>
<td>NOVOMESH 950</td>
<td>PROPEX OPERATING COMPANY, LLC&lt;br&gt;KEITH TERRILL 503/333-0023&lt;br&gt;DENISE WHITE 617/498-4555</td>
<td>01/21/14</td>
<td>4737</td>
<td>A</td>
<td>DOSE RATE OF 5 POUNDS PER CUBIC YARD OF CONCRETE</td>
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<tr>
<td>02050.10</td>
<td>CURING COMPOUND, CONCRETE TYPE 1, CLASS A</td>
<td>SEALTIGHT 1300 CLEAR&lt;br&gt;VOCS = 18G/L</td>
<td>W.R. MEADOWS 800/342-5976&lt;br&gt;CST-CONCRETE SPEC 541/567-8810&lt;br&gt;MASON'S SUPPLY 800/537-3407&lt;br.WESTSIDE CONCRETE 503/591-0203</td>
<td>05/01/88</td>
<td>776</td>
<td>Q</td>
<td>CLEAR WAX. WATCH SHELF LIFE. TEST BY LOT, EXCEPT CGC OK IF PRODUCT IS ON QPL.</td>
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<tr>
<td>02050.10</td>
<td>CURING COMPOUND, CONCRETE TYPE 2, CLASS A</td>
<td>AMERICAN WHITE WAX DOT CURE&lt;br&gt;VOCS = 42 G/L</td>
<td>AMERICAN CONCRETE SYSTEMS INC&lt;br&gt;REP: JAN WINN 619/578-5270&lt;br.WESTSIDE CONCRETE ACCESSORIES&lt;br&gt;BRIAN MCALLISTER 503/591-0203</td>
<td>02/13/92</td>
<td>832</td>
<td>Q</td>
<td>WHITE WAX. MIX WELL. TEST BY LOT, EXCEPT CGC OK IF ON QPL.</td>
</tr>
<tr>
<td>02050.10</td>
<td>CURING COMPOUND, CONCRETE TYPE 2, CLASS A</td>
<td>L &amp; M CURE W-2&lt;br&gt;VOC = 25 G/L</td>
<td>L &amp; M CONSTRUCTION CHEMICALS&lt;br&gt;800/362-3331 OR 420/453-6600&lt;br&gt;BILL PAVITT 425/562-6076</td>
<td>07/09/92</td>
<td>850</td>
<td>Q</td>
<td>WATERBASED. MIX WELL. TEST BY LOT, EXCEPT CGC OK IF PRODUCT IS ON QPL.</td>
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<tr>
<td>02050.10</td>
<td>CURING COMPOUND, CONCRETE TYPE 2, CLASS A</td>
<td>SEALTIGHT 1635&lt;br&gt;VOCS = 18 G/L</td>
<td>W.R. MEADOWS 800/342-5976&lt;br&gt;CST-CONCRETE SPEC 541/567-8810&lt;br&gt;MASON'S SUPPLY 800/537-3407&lt;br.WESTSIDE CONCRETE 503/591-0203</td>
<td>03/09/00</td>
<td>1038</td>
<td>Q</td>
<td>WHITE WAX. WATCH SHELF LIFE. TEST BY LOT, EXCEPT CGC OK IF PRODUCT IS ON QPL.</td>
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<tr>
<td>02050.10</td>
<td>CURING COMPOUND, CONCRETE TYPE 2, CLASS A &amp; B</td>
<td>SEALTIGHT 1200&lt;br&gt;VOCS = 69G/L</td>
<td>W.R. MEADOWS 800/342-5976&lt;br&gt;CST-CONCRETE SPEC 541/567-8810&lt;br&gt;MASON'S SUPPLY 800/537-3407&lt;br.WESTSIDE CONCRETE 503/591-0203</td>
<td>08/08/91</td>
<td>760</td>
<td>Q</td>
<td>WHITE RESIN. WATCH SHELF LIFE. TEST BY LOT, EXCEPT CGC OK IF PRODUCT IS ON QPL.</td>
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<tr>
<td>02050.30</td>
<td>CURING BLANKET, CONCRETE</td>
<td>GEOTEX CCB6</td>
<td>PROPEX OPERATING COMPANY, LLC&lt;br&gt;ACF WEST INC.&lt;br&gt;503/771-5115</td>
<td>12/10/12</td>
<td>4555</td>
<td>A</td>
<td>POLYPROPYLENE FABRIC. STILL NEEDS POLYETYLENE FABRIC AS WITH BURLAP.</td>
</tr>
</tbody>
</table>

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<th>LIST</th>
<th>REMARKS</th>
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<tr>
<td>02050.30</td>
<td>CURING BLANKET, CONCRETE</td>
<td>CURING BLANKET, CONCRETE</td>
<td>SKAPS VIA GEOTK 888/708-8835</td>
<td>04/13/06</td>
<td>3228</td>
<td>A</td>
<td>NON-WOVEN NEEDLE PUNCHED POLYPROPYLENE FABRIC. STILL NEEDS POLYETYLENE FABRIC AS WITH BURLAP.</td>
</tr>
<tr>
<td>02050.40</td>
<td>CONCR EVAPORATION REDUCER</td>
<td>E-CON</td>
<td>L &amp; M CONSTRUCTION CHEMICALS 402/453-6600 BILL PAVITT 425/785-3242</td>
<td>04/08/04</td>
<td>2882</td>
<td>A</td>
<td>USE IN ADDITION TO REGULAR CURE TREATMENTS.</td>
</tr>
<tr>
<td>02050.40</td>
<td>CONCR EVAPORATION REDUCER</td>
<td>EUCOBAR</td>
<td>EUCLID CHEMICAL 800/321-7628 RW SIMMONS ASSOC, 253/946-3740 WILLIAMS FORM 503/286-3647</td>
<td>12/09/04</td>
<td>2989</td>
<td>A</td>
<td>USE IN ADDITION TO REGULAR CURE TREATMENTS.</td>
</tr>
<tr>
<td>02050.40</td>
<td>CONCR EVAPORATION REDUCER</td>
<td>EVAPRE</td>
<td>W.R. MEADOWS 800/342-5976 CST-CONCRETE SPEC 541/567-8810 MASONS SUPPLY 800/537-3407 WESTSIDE CONCRETE 503/591-0203</td>
<td>12/09/04</td>
<td>2998</td>
<td>A</td>
<td>USE IN ADDITION TO REGULAR CURE TREATMENTS.</td>
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<tr>
<td>02050.40</td>
<td>CONCR EVAPORATION REDUCER</td>
<td>MBT CONFILM</td>
<td>BASF 952/496-6000 BRUCE JACKSON 503/722-4101</td>
<td>06/14/07</td>
<td>2883</td>
<td>A</td>
<td>USE IN ADDITION TO REGULAR CURE TREATMENTS. PRODUCT NAME CHANGE PENDING</td>
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<tr>
<td>02050.40</td>
<td>CONCR EVAPORATION REDUCER</td>
<td>PRO-FILM</td>
<td>Unitex by Dayton Superior David Minor 970/286-0229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100</td>
<td>09/11/03</td>
<td>2848</td>
<td>A</td>
<td>USE IN ADDITION TO REGULAR CURE TREATMENTS.</td>
</tr>
<tr>
<td>02060.00</td>
<td>CONCRETE SEALER, CHLORIDE BARRIER</td>
<td>HYDROZO 100</td>
<td>BASF BUILDING SYSTEMS TECH: 800/433-9517 OPTION 5 BRUCE JACKSON 503/722-4101</td>
<td>06/14/07</td>
<td>2177</td>
<td>A</td>
<td>PASSED ALBERTA DOT (TYPE 1C) PRODUCT NAME CHANGE PENDING</td>
</tr>
<tr>
<td>02060.00</td>
<td>CONCRETE SEALER, CHLORIDE BARRIER</td>
<td>SEALMASTER 100%</td>
<td>TECHNICAL BARRIER SYSTEMS 888/537-2888 BRUCE HOLLIDAY 503/646-0801</td>
<td>11/11/10</td>
<td>4155</td>
<td>A</td>
<td>100% SILANE. ALBERTA DOT 1C LIST APPROVED.</td>
</tr>
<tr>
<td>02060.00</td>
<td>CONCRETE SEALER, CHLORIDE BARRIER</td>
<td>SIL-ACT ATS 100</td>
<td>ADVANCED CHEMICAL TECHNOLOGIES KEVIN BROWN 800/335-0433 JIM SULLIVAN 206/484-8236</td>
<td>02/10/11</td>
<td>4337</td>
<td>A</td>
<td>IT MET OUR REQUIREMENTS, INCLUDING THE ALBERTA 1C LIST. 100% SILANE.</td>
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</table>
| 02060.00       | CONCRETE SEALER, CHLORIDE BARRIER | SW-244-100VOC | SHERWIN WILLIAMS 360/609-1879  
JOHN REISER 360/931-4645  
ERIC ZIMMERMAN 503/804-6924 | 08/12/10 | 4179 | A | IT MET OUR REQUIREMENTS, INCLUDING THE ALBERTA 1C LIST. 100% SILANE. |
| 02060.00       | CRACK SEALER - HIGH MOD EPOXY | CCS COATING EPOXY HEALER SEALR | CHEMCO SYSTEMS 800/757-6773  
650/261-3790 | 07/12/07 | 2338 | A | NO DAMPNESS. CHECK W/MFG. 40 - 117 DEG F. REMOVE EXCESS RESIN. |
| 02060.00       | CRACK SEALER - HIGH MOD EPOXY | DURAL 335 | TAMMS INDUSTRIES, 800/218-2667  
DAVE DILLON 425/338-4958  
MASONS SUPPLY 800/537-3407 | 03/10/05 | 1918 | A | MFG CLAIMS OK FOR DAMP SURFACE CRACKS: HL - .25" CHECK W/MFG 40-100 DEGREES F. REMOVE EXCESS RESIN. |
| 02060.00       | CRACK SEALER - HIGH MOD HMWM | KPW 103 | KWI BOND POLYMERS  
DAN ULDALL 360/600-7762 | 03/10/05 | 2597 | A | 3 PARTS. 6 MONTH SHELF LIFE. CRACKS: .004 -.118 CHECK W/MFG MFG CLAIMS OK FOR DAMP SURFACE 40-100 DEGREES F. REMOVE EXCESS |
| 02060.00       | CRACK SEALER - HIGH MOD HMWM | KPW 204 | KWI 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 EXCESS |
| 02060.00       | CRACK SEALER - HIGH MOD HMWM | SIKA PRONTO 19TF | SIKA CORP 300/933-7452  
THAD BROWN 425/486-5916  
MASONS SUPPLY 800/537-3407  
ATLAS SUPPLY 800/806-7952 | 03/10/05 | 1072 | A | CRACKS: .002 - .25" CHECK W/MFG MFG CLAIMS OK FOR DAMP SURFACE 35 - 90 DEGREES F. REMOVE EXCESS |
| 02060.00       | CRACK SEALER - LOW MOD EPOXY | DURAL 50 LM | TAMMS INDUSTRIES, 800/218-2667  
DAVE DILLON 425/338-4958 | 06/14/07 | 3447 | A | CRACKS: HL - .25" CHECK W/MFG. 50-90 DEGREES F. MFG CLAIMS OK FOR DAMP SURFACE REMOVE EXCESS RESIN. |
| 02060.00       | CRACK SEALER - LOW MOD EPOXY | POLYCARB MARK 135 | POLY-CARB 800/225-5649  
DAN PATACCA 216/536-7777 | 11/08/07 | 1859 | A | CRACKS: HL - 1.25" CHECK W/MFG MFG CLAIMS OK FOR DAMP SURFACE 40 - 180 DEGREES F. REMOVE EXCESS RESIN. |
| 02060.00       | CRACK SEALER - LOW MOD EPOXY | PRO-POXY 40 LV LM | Unites by Dayton Superior  
David Minor 970/286-9229  
WILLIAMS FORM ENG 800/255-0560  
KNIFE RIVER 503/648-3100 | 02/10/11 | 4159 | A | CRACKS: 0.010 - 0.25 AMBIENT AIR: 50-120 DEG F. OK IF DAMP. BUT CHECK WITH MFG REMOVE EXCESS RESIN. |

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<tr>
<td>02060.00</td>
<td>CRACK SEALER - LOW MOD</td>
<td>TRANSPO SEALATE T70MX-30</td>
<td>TRANSPO INDUSTRIES 914/636-1000</td>
<td>03/10/05</td>
<td>2488</td>
<td>A</td>
<td>3 PART. CRACKS; HL-.25&quot; CHECK W/MFG. NO DAMPNESS. 50 - 100 DEGREES F. REMOVE EXCESS RESIN.</td>
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<tr>
<td>02060.00</td>
<td>CRACK SEALER-LOW MOD EPOXY</td>
<td>E-BOND 523 PENETRATING SEALER CRACK HEALER PRIMER</td>
<td>E-BOND EPOXIES, INC 954/566-6555 TRANSPO INDUSTRIES 914/636-1000</td>
<td>01/21/14</td>
<td>4705</td>
<td>A</td>
<td>LOW VISCOSITY 100 CPS OR LOWER</td>
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<tr>
<td>02070.10</td>
<td>BONDING AGENT, EPOXY</td>
<td>EUCOPoxy LPL MV</td>
<td>EUCLID CHEMICAL 800/321-7628 DAVE DILLON 425/338-4958 MASON'S SUPPLY 800/537-3407</td>
<td>10/11/12</td>
<td>4514</td>
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<td>02070.10</td>
<td>BONDING AGENT, EPOXY</td>
<td>MBT CONCRESCIVE LIQUID LPL (FORMERLY CONCRESCIVE 1001 LPL)</td>
<td>BASF BUILDING SYSTEMS TECH: 800/433-6017 OPTION 5 BRUCE JACKSON 503/722-4101</td>
<td>06/14/07</td>
<td>654</td>
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<td>PRODUCT NAME CHANGE PENDING</td>
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<td>02070.10</td>
<td>BONDING AGENT, EPOXY</td>
<td>PRO-POXY 204</td>
<td>UniteX by Dayton Superior David Minor 970/286-9229 WILLIAM'S FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100</td>
<td>12/14/06</td>
<td>3122</td>
<td>A</td>
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<td>02070.10</td>
<td>BONDING AGENT, EPOXY</td>
<td>UNITEX SLOW SET BONDING AGENT</td>
<td>UniteX by Dayton Superior David Minor 970/286-9229 WILLIAM'S FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100</td>
<td>05/10/07</td>
<td>3123</td>
<td>A</td>
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<tr>
<td>02070.10</td>
<td>BONDING AGENT, EPOXY</td>
<td>ULTRABOND 2100</td>
<td>ADHESIVES TECHNOLOGY CORP. 954/782-2221</td>
<td>03/11/13</td>
<td>4600</td>
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<td>02070.20</td>
<td>BONDING AGENT, NON-EPOXY</td>
<td>EVERBOND</td>
<td>L &amp; M CONSTRUCTION CHEMICALS 800/362-3331 OR 420/453-6600</td>
<td>07/09/09</td>
<td>1315</td>
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<td>02070.20</td>
<td>BONDING AGENT, NON-EPOXY</td>
<td>TARGET POLYMER BONDING AGENT</td>
<td>TARGET PRODUCTS 800/575-7700 WILLAMETTE GRYSTN 541/726-7666 WILLAMETTE FORM ENG 800/255-0560</td>
<td>05/01/88</td>
<td>1194</td>
<td>A</td>
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<tr>
<td>02080.10</td>
<td>GROUT, EPOXY</td>
<td>EAS-8</td>
<td>QCM COMPANY 800/321-0170 930 S. CENTRAL KENT, WA 98032</td>
<td>12/07/89</td>
<td>475</td>
<td>A</td>
<td>MEETS ASTM C881 SPECS.</td>
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<td>GROUT, EPOXY</td>
<td>EAS-8 LPL</td>
<td>QCM COMPANY 800/321-0170 930 S. CENTRAL KENT, WA 98032</td>
<td>12/07/89</td>
<td>474</td>
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<tr>
<td>02080.10</td>
<td>GROUT, EPOXY</td>
<td>PRO-POXY 2500</td>
<td>Unitex by Dayton Superior David Minor 970/286-9229 WILLIAMS FORM ENG 800/255-0560 KNIFE RIVER 503/648-3100</td>
<td>10/09/08</td>
<td>3430</td>
<td>A</td>
<td>FOLLOW MFG RECOMMENDATIONS.</td>
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<tr>
<td>02080.20</td>
<td>GROUT, NON-EPOXY</td>
<td>WIL-X CEMENT</td>
<td>WILLIAMS FORM 800/255-0560</td>
<td>10/09/03</td>
<td>2890</td>
<td>A</td>
<td>NON SHRINK, NON METALLIC, NON CORROSION CEMENTITIOUS GROUT. APPROVED FOR ROCK GROUT APPLICATIONS.</td>
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<tr>
<td>02080.20</td>
<td>GROUT, NON-EPOXY</td>
<td>1107 ADVANTAGE GROUT</td>
<td>DAYTON SUPERIOR 800/745-3703 JOHN HUKEY 877/416-3439 X25108 JIMMY HASSAN 303/807-2164</td>
<td>12/10/98</td>
<td>1427</td>
<td>A</td>
<td>NON SHRINK, NON METALLIC, NON CORROSION CEMENTITIOUS GROUT. DO NOT MIX ADDITIVES TO THIS GROUT. 50 TO 80 DEG F. BEST.</td>
</tr>
<tr>
<td>02080.20</td>
<td>GROUT, NON-EPOXY</td>
<td>CRYSTEX</td>
<td>L &amp; M CONSTRUCTION CHEMICALS 800/362-3331 OR 420/453-6600 BILL PAVITT 425/562-6076</td>
<td>07/09/09</td>
<td>319</td>
<td>A</td>
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<tr>
<td>02080.20</td>
<td>GROUT, NON-EPOXY</td>
<td>EDOCO MULTIPURPOSE GROUT</td>
<td>DAYTON SUPERIOR 800/745-3703 JOHN HUKEY 877/416-3439 X25108 JIMMY HASSAN 303/807-2164</td>
<td>11/12/09</td>
<td>3997</td>
<td>A</td>
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<tr>
<td>02080.20</td>
<td>GROUT, NON-EPOXY</td>
<td>ENDURO 50 GROUT</td>
<td>CONSPEC 877/266-7732</td>
<td>04/14/05</td>
<td>993</td>
<td>A</td>
<td>NONSHRINK,NONMETALLIC,CEMENTITIOUS GROUT. DO NOT OVER-MIX OR OVER-WATER. TEMP MUST BE ABOVE 40 DEGREES F.</td>
</tr>
<tr>
<td>02080.20</td>
<td>GROUT, NON-EPOXY</td>
<td>EUCO NS GROUT</td>
<td>EUCLID CHEMICAL 800/321-7628 RW SIMMONS ASSOC, 253/346-3740 WILLIAMS CONCRETE 800/255-0560</td>
<td>10/09/08</td>
<td>1233</td>
<td>A</td>
<td>CEMENTITIOUS BASED.</td>
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<tr>
<td>02080.20</td>
<td>NON-EPOXY</td>
<td>GROUT, NON-SHRINK</td>
<td>FIVE STAR PRODUCT 800/243-2206</td>
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<td>AS WITH OTHER GROUTS, DONT ADD TOO MUCH WATER.</td>
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<td>MONDO BLOCK II</td>
<td>MONDO POLYMER TECHNOLOGIES RENO, OHIO; 614/376-9396</td>
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<td>ACRYTUFF # 87G102 FORREST PAINT</td>
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<td>05/09/96</td>
<td>1438</td>
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<td>SPECIALLY FORMULATED TO MEET OUR 100-82 FORMULA, ORIGINALLY: 99-87,24-04-0</td>
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<td>02210.30</td>
<td>LATEX EMULSION PAINT FOR CONCRETE FINISH</td>
<td>LOXON ACRYLIC COATING A24W351 SHERWIN WILLIAMS 360/609-1879 JOHN REISER 360/931-4645 ERIC ZIMMERMAN 503/804-6924</td>
<td>03/10/05</td>
<td>2249</td>
<td>A</td>
<td>COLOR: SW2093 OR SW2100</td>
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<td>LATEX EMULSION PAINT FOR CONCRETE FINISH</td>
<td>MILLER EXTERIOR ACRYLIC #9191 MILLER PAINT CO</td>
<td>503/233-4491</td>
<td>05/01/88</td>
<td>1721</td>
<td>A</td>
<td>DESIGNED TO MEET THE ODOT EMULSION FORMULA 100-82.</td>
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<td>02210.30</td>
<td>LATEX EMULSION PAINT FOR CONCRETE FINISH</td>
<td>RODDA EXTERIOR ACRYLIC #24735 RODDA PAINT</td>
<td>12000 SW GARDEN PLACE PORTLAND OR 97223 503/521-4300</td>
<td>05/01/88</td>
<td>1326</td>
<td>A</td>
<td>DESIGNED TO MEET ODOT EMULSION FORMULA 100-82. CONCRETE GRAY</td>
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<tr>
<td>02210.30</td>
<td>LATEX EMULSION PAINT FOR CONCRETE FINISH</td>
<td>TAMMSCOAT TAMMS INDUSTRIES, 800/218-2667 DAVE DILLON 425/338-4958 MASONS SUPPLY 800/537-3407</td>
<td>03/13/03</td>
<td>2765</td>
<td>A</td>
<td></td>
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<td>02320.10</td>
<td>GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT</td>
<td>ALLIANCE GEOSYNTHETICS BX2020 ALLIANCE GEOSYNTHETICS</td>
<td>503/261-3515</td>
<td>10/03/13</td>
<td>4698</td>
<td>Q</td>
<td>REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.</td>
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<td>GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT</td>
<td>COMBIGRID 30/30 Q1 151 GRK 3 NAUE AMERICA 208/661-7899 ADVANCED DRAINAGE 951/805-2079</td>
<td>07/14/11</td>
<td>4294</td>
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<td>02320.10</td>
<td>GEOGRID - SUBGRADE REINF. SUBGRADE REINFORCEMENT</td>
<td>E'GRID 2020 HANES GEO COMPONENTS</td>
<td>336/747-1645</td>
<td>04/24/13</td>
<td>4623</td>
<td>Q</td>
<td>REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.</td>
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<td>02320.10</td>
<td>GEOGRID - SUBGRADE REINF.</td>
<td>GEOSTAR GEOBASE GB2020</td>
<td>GEOSTAR TECHNOLOGIES 901/881-2517 FERGUSON 503/240-6747</td>
<td>08/26/13</td>
<td>4683 Q</td>
<td>REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.</td>
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<td>GEOGRID - SUBGRADE REINF.</td>
<td>GRIDPRO BXP12</td>
<td>PROPEX OPERATING COMPANY, LLC 423/553-2463 ACF WEST INC. 503/771-5115</td>
<td>07/20/12</td>
<td>4507 Q</td>
<td>REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.</td>
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<td>GEOGRID - SUBGRADE REINF.</td>
<td>SECUGRID 20/20 Q1</td>
<td>NAUE AMERICA 208/661-7899 ADVANCED DRAINAGE 951/805-2079</td>
<td>01/13/11</td>
<td>4295 Q</td>
<td>REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.</td>
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<td>GEOGRID - SUBGRADE REINF.</td>
<td>SECUGRID 30/30 Q1</td>
<td>NAUE AMERICA 208/661-7899 ADVANCED DRAINAGE 951/805-2079</td>
<td>01/13/11</td>
<td>4296 Q</td>
<td>REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.</td>
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<td>GEOGRID - SUBGRADE REINF.</td>
<td>TENSAR BX TYPE 2</td>
<td>TENSAR INTERNATIONAL CORP. 360/635-8418 ACF WEST 800/878-5115</td>
<td>01/13/11</td>
<td>4308 Q</td>
<td>REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.</td>
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<td>02320.10</td>
<td>GEOGRID - SUBGRADE REINF.</td>
<td>TENSAR TRIAX TX160</td>
<td>TENSAR INTERNATIONAL CORP. 360/635-8418 ACF WEST 800/878-5115</td>
<td>01/13/11</td>
<td>4307 Q</td>
<td>TRIANGULAR APERTURES EXCLUDE TRADITIONAL TESTING. REFER TO SPECS FOR CERT LEVEL REQUIRED FOR EACH PROJECT.</td>
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<td>GEOGRID - SUBGRADE REINF.</td>
<td>TERRAGRID RX1200</td>
<td>HANES GEO COMPONENTS 330/747-1645</td>
<td>04/24/13</td>
<td>4622 Q</td>
<td>REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.</td>
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<td>GEOGRID - SUBGRADE REINF.</td>
<td>TRIGRID EX2030</td>
<td>ALLIANCE GEOSYNTHETICS 503/261-3515</td>
<td>02/10/11</td>
<td>4339 Q</td>
<td>REFER TO THE SPECS FOR THE REQUIREMENTS PERTAINING TO THE CERTIFICATION LEVEL REQUIRED FOR EACH PROJECT.</td>
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<td>02320.10</td>
<td>GEOGRID - TYPE I MSEW</td>
<td>FORTRAC 110</td>
<td>HUESKER, INC. 800/942-9418 <a href="http://WWW.HUESKERNIC.COM">WWW.HUESKERNIC.COM</a> STEVE LOTHSPIECH 704/588-5500 EXT 120</td>
<td>03/12/09</td>
<td>3795 Q</td>
<td>ULTIMATE TENSILE: 7410 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3710 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>FORTRAC 20</td>
<td>HUESKER, INC. 800/942-9418 <a href="http://WWW.HUESKERINC.COM">WWW.HUESKERINC.COM</a> STEVE LOTHSPIECH 704/588-5500 EXT 120</td>
<td>03/12/09</td>
<td>3791</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 1500 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 713 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>02320.10</td>
<td>GEOGRID - TYPE I MSEW</td>
<td>FORTRAC 35</td>
<td>HUESKER, INC. 800/942-9418 <a href="http://WWW.HUESKERINC.COM">WWW.HUESKERINC.COM</a> STEVE LOTHSPIECH 704/588-5500 EXT 120</td>
<td>03/12/09</td>
<td>3792</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 2400 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1200 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>02320.10</td>
<td>GEOGRID - TYPE I MSEW</td>
<td>FORTRAC 55</td>
<td>HUESKER, INC. 800/942-9418 <a href="http://WWW.HUESKERINC.COM">WWW.HUESKERINC.COM</a> STEVE LOTHSPIECH 704/588-5500 EXT 120</td>
<td>03/12/09</td>
<td>3793</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 3710 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1860 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>02320.10</td>
<td>GEOGRID - TYPE I MSEW</td>
<td>FORTRAC 80</td>
<td>HUESKER, INC. 800/942-9418 <a href="http://WWW.HUESKERINC.COM">WWW.HUESKERINC.COM</a> STEVE LOTHSPIECH 704/588-5500 EXT 120</td>
<td>03/12/09</td>
<td>3794</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 5380 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2690 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>MIRAGRID 03XT - TENCATE</td>
<td>TENCATE (MIRAFI) <a href="http://WWW.TENCATE.COM">WWW.TENCATE.COM</a> KELLY LITTLE 706/693-1744</td>
<td>05/13/10</td>
<td>3744</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 3151 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1587 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>MIRAGRID 05XT - TENCATE</td>
<td>TENCATE (MIRAFI) <a href="http://WWW.TENCATE.COM">WWW.TENCATE.COM</a> KELLY LITTLE 706/693-1744</td>
<td>05/13/10</td>
<td>3745</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 4295 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1891 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>MIRAGRID 07XT - TENCATE</td>
<td>TENCATE (MIRAFI) <a href="http://WWW.TENCATE.COM">WWW.TENCATE.COM</a> KELLY LITTLE 706/693-1744</td>
<td>05/13/10</td>
<td>3746</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 5699 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2509 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>MIRAGRID 08XT - TENCATE</td>
<td>TENCATE (MIRAFI) <a href="http://WWW.TENCATE.COM">WWW.TENCATE.COM</a> KELLY LITTLE 706/693-1744</td>
<td>05/13/10</td>
<td>3747</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 6994 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3079 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>MIRAGRID 10XT - TENCATE</td>
<td>TENCATE (MIRAFI) <a href="http://WWW.TENCATE.COM">WWW.TENCATE.COM</a> KELLY LITTLE 706/693-1744</td>
<td>05/13/10</td>
<td>3748</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 9694 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4180 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>05/13/10</td>
<td>3749</td>
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<td>ULTIMATE TENSILE: 9357 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4120 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>MIRAGRID 20XT - TENCATE</td>
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<td>05/13/10</td>
<td>3750</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 12412 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 5465 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>MIRAGRID 22XT - TENCATE</td>
<td>TENCATE (MIRAFI) <a href="http://WWW.TENCATE.COM">WWW.TENCATE.COM</a> KELLY LITTLE 706/693-1744</td>
<td>05/13/10</td>
<td>3751</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 17748 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 7814 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>MIRAGRID 24XT - TENCATE</td>
<td>TENCATE (MIRAFI) <a href="http://WWW.TENCATE.COM">WWW.TENCATE.COM</a> KELLY LITTLE 706/693-1744</td>
<td>05/13/10</td>
<td>3752</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 25364 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 11167 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>PARAGRID 100/05</td>
<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4391</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 6849 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3446 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>05/12/11</td>
<td>4392</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 75344 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3790 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4393</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 8562 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4307 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>PARAGRID 150/05</td>
<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4394</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 10274 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 5169 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>PARAGRID 175/05</td>
<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4395</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 11986 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 6030 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>PARAGRID 180/05</td>
<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4396</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 12329 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 6203 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>PARAGRID 200/05</td>
<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4397</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 13699 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 6892 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>PARAGRID 30/05</td>
<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4383</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 2055 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1034 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>PARAGRID 40/05</td>
<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4384</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 2740 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1378 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>02320.10</td>
<td>GEOGRID - TYPE I MSEW</td>
<td>PARAGRID 50/05</td>
<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4385</td>
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<td>ULTIMATE TENSILE: 3425 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1723 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>PARAGRID 60/05</td>
<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4386</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 4110 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2068 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>PARAGRID 65/05</td>
<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4387</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 4552 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2240 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>PARAGRID 70/05</td>
<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4388</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 4795 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2412 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>02320.10</td>
<td>GEOGRID - TYPE I MSEW</td>
<td>PARAGRID 80/05</td>
<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4389</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 5479 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2756 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<th>REMARKS</th>
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<td>PARAGRID 90/05</td>
<td>LINEAR COMPOSITES - MACCAFERRI BEN BOADO 301/223-6910 <a href="http://WWW.LINEARCOMPOSITES.COM">WWW.LINEARCOMPOSITES.COM</a></td>
<td>05/12/11</td>
<td>4390</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 6164 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3101 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>02320.10</td>
<td>GEOGRID - TYPE I MSEW</td>
<td>RAUGRID 11X3N</td>
<td>LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275</td>
<td>05/13/10</td>
<td>4152</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 7535 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3399 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>RAUGRID 13X3N</td>
<td>LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275</td>
<td>05/13/10</td>
<td>4153</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 8905 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4018 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
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<td>LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275</td>
<td>05/13/10</td>
<td>4154</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 10275 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4636 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>RAUGRID 3X3N</td>
<td>LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275</td>
<td>05/13/10</td>
<td>4147</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 2055 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 927 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>RAUGRID 4X2N</td>
<td>LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275</td>
<td>05/13/10</td>
<td>4148</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 2740 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1236 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>05/13/10</td>
<td>4149</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 3425 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1545 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
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<td>05/13/10</td>
<td>4150</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 4110 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1854 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
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<td>LUCKENHAUS TECHNICAL TEXTILES PENNY CAMPBELL 866/513-6275</td>
<td>05/13/10</td>
<td>4151</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 5480 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2472 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>02320.10</td>
<td>GEOGRID - TYPE I MSEW</td>
<td>SF020</td>
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<td>05/13/10</td>
<td>4144</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 1939 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 800 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>02320.10</td>
<td>GEOGRID - TYPE I MSEW</td>
<td>SF035</td>
<td>SYNTENE TECHNICAL FABRICS <a href="http://WWW.SYNTEEN.COM">WWW.SYNTEEN.COM</a> DAN WINKLE 303/522-7830</td>
<td>01/08/09</td>
<td>3781</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 3055 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1260 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>SF055</td>
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<td>01/08/09</td>
<td>3782</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 4199 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1732 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>01/08/09</td>
<td>3783</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 7398 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3052 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>4145</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 8500 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3507 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>3784</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 10207 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 4211 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>SF350</td>
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<td>4146</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 27400 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 11305 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>SG150</td>
<td>STRATA SYSTEMS 800/680-7750 <a href="http://WWW.GEOGRID.COM">WWW.GEOGRID.COM</a></td>
<td>05/12/11</td>
<td>4376</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 1875 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 874 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>05/12/11</td>
<td>4377</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 3600 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 1678 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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</table>

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<td>ULTIMATE TENSILE: 5000 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2331 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>05/12/11</td>
<td>4380</td>
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<td>ULTIMATE TENSILE: 8150 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3800 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>UX01400HS</td>
<td>TENSAR EARTH TECH 800/292-4459 <a href="http://WWW.TENSARCORP.COM">WWW.TENSARCORP.COM</a> WILLIE LIEW 707/344-2090</td>
<td>05/13/10</td>
<td>3757</td>
<td>Q</td>
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<td>3762</td>
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<td>TENSAR EARTH TECH 800/292-4459 <a href="http://WWW.TENSARCORP.COM">WWW.TENSARCORP.COM</a> WILLIE LIEW 707/344-2090</td>
<td>05/13/10</td>
<td>3758</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 7810 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 2492 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>3763</td>
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<td>TENSAR EARTH TECH 800/292-4459 <a href="http://WWW.TENSARCORP.COM">WWW.TENSARCORP.COM</a> WILLIE LIEW 707/344-2090</td>
<td>05/13/10</td>
<td>3759</td>
<td>Q</td>
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<td>GEOGRID - TYPE I MSEW</td>
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<td>TENSAR EARTH TECH 800/292-4459 <a href="http://WWW.TENSARCORP.COM">WWW.TENSARCORP.COM</a> WILLIE LIEW 707/344-2090</td>
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<td>3764</td>
<td>Q</td>
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<td>GEOGRID - TYPE I MSEW</td>
<td>UX01700HS</td>
<td>TENSAR EARTH TECH 800/292-4459 <a href="http://WWW.TENSARCORP.COM">WWW.TENSARCORP.COM</a> WILLIE LIEW 707/344-2090</td>
<td>05/13/10</td>
<td>3760</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 11990 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3768 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>TENSAR EARTH TECH 800/292-4459 <a href="http://WWW.TENSARCORP.COM">WWW.TENSARCORP.COM</a> WILLIE LIEW 707/344-2090</td>
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<td>3765</td>
<td>Q</td>
<td>ULTIMATE TENSILE: 11990 LB/FT (PER ASTM D6637) LONG-TERM TENSILE: 3768 LB/FT (WSDOT STANDARD PRACTICE T925)</td>
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<td>12&quot; TO 60&quot; DIAMETERS.</td>
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<td>HANCOR, 888/367-7473 KELLY KOKESHE 425/457-1187</td>
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<td>ADS SANITITE HP TW 30&quot; - 60&quot;</td>
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<td>06/10/10</td>
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<td>APPROVED FOR WATER-TIGHT APPLICATIONS. 12&quot; TO 60&quot;</td>
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<td>LOOK FOR BLUE WRAP ON SEAL FOR WATERTIGHT VERSION. DIAMETERS: 4&quot; TO 60&quot;.</td>
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<td>ISCO INDUSTRIES 800/345-4726</td>
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<td>POLY WT PIPE - CULVERT CORRUGATED HDPE WT = WATER-TIGHT</td>
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<td>PRINSCO INC 815/635-3131 877/485-3316</td>
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<td>WEHOLITE (60&quot;) WELDED JOINTS</td>
<td>KWH PIPE 800/668-1892</td>
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<td>EXTRUSION WELDED JOINT BY MFG APPROVED TECHS.</td>
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<td>DUROMAXX WITH HP JOINTS 30&quot; - 72&quot;</td>
<td>CONTECH CONSTRUCTION PRODUCTS 800/522-0410</td>
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<td>POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT</td>
<td>16&quot; PACIFIC CORRUGATED HD-B&amp;S TYPE S BELL &amp; SPIGOT</td>
<td>PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990</td>
<td>03/12/09</td>
<td>3716 A</td>
<td>DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.</td>
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<tr>
<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT</td>
<td>18&quot; PACIFIC CORRUGATED HD-B&amp;S TYPE S BELL &amp; SPIGOT</td>
<td>PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990</td>
<td>09/13/07</td>
<td>3507 A</td>
<td>DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.</td>
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<tr>
<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT</td>
<td>24&quot; PACIFIC CORRUGATED HD-B&amp;S TYPE S BELL &amp; SPIGOT</td>
<td>PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990</td>
<td>09/13/07</td>
<td>3509 A</td>
<td>DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.</td>
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<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT</td>
<td>30&quot; PACIFIC CORRUGATED HD-B&amp;S TYPE S BELL &amp; SPIGOT</td>
<td>PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990</td>
<td>09/13/07</td>
<td>3511 A</td>
<td>DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. SOMETIMES CALLED STORM-TITE.</td>
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<tr>
<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT</td>
<td>36&quot; PACIFIC CORRUGATED HD-B&amp;S TYPE S BELL &amp; SPIGOT</td>
<td>PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990</td>
<td>05/08/08</td>
<td>3624 A</td>
<td>DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.</td>
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<tr>
<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT</td>
<td>42&quot; PACIFIC CORRUGATED HD-B&amp;S TYPE S BELL &amp; SPIGOT</td>
<td>PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990</td>
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<td>3955 A</td>
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<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT</td>
<td>48&quot; PACIFIC CORRUGATED HD-B&amp;S TYPE S BELL &amp; SPIGOT</td>
<td>PACIFIC CORRUGATED PLASTIC PIPE 503/263-3330 PACIFIC CORRUGATED PIPE CO. 541/461-0990</td>
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<td>3957 A</td>
<td>DOUBLE WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR.</td>
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<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT</td>
<td>ADS N-12 HP 36&quot;-60&quot;</td>
<td>ADVANCED DRAINAGE SYSTEMS, INC KELLY KOKESH 425/457-1187 SCOTT GORDANIER 360/798-3731</td>
<td>12/24/12</td>
<td>4559 A</td>
<td>DOUBLE WALL</td>
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<tr>
<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT</td>
<td>ADS N-12 WTIB WAS ADS PRO-LINK ULTRA WT IB</td>
<td>ADVANCED DRAINAGE SYSTEMS, INC KELLY KOKESH 425/457-1187 SCOTT GORDANIER 360/798-3731 800/733-8523</td>
<td>04/09/09</td>
<td>2482 A</td>
<td>DOUBLE WALL, CORRUGATIONS. 12&quot; TO 60&quot; DIAMETERS. HAS REINFORCED BELL.</td>
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<tr>
<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE WT = WATER-TIGHT</td>
<td>ADS SANITITE HP TW 30&quot; - 60&quot;</td>
<td>ADVANCED DRAINAGE SYSTEMS, INC KELLY KOKESH 425/457-1187 SCOTT GORDANIER 360/798-3731 800/733-8523</td>
<td>12/24/12</td>
<td>4558 A</td>
<td>TRIPLE WALL, CORRUGATIONS.</td>
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<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE</td>
<td>EAGLE CORR PE (DUAL WALL)</td>
<td>JM EAGLE 310/899-8200 EXT 7958</td>
<td>06/10/10</td>
<td>4136</td>
<td>A</td>
<td>APPROVED FOR WATER-TIGHT APPLICATIONS. 12&quot; TO 60&quot;</td>
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<tr>
<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE</td>
<td>HANCOR BLUESEAL</td>
<td>HANCOR, 888/367-7473</td>
<td>10/14/10</td>
<td>1891</td>
<td>A</td>
<td>LOOK FOR BLUE WRAP ON SEAL FOR WATERTIGHT VERSION. DIAMETERS: 4&quot; TO 60&quot;.</td>
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<tr>
<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE</td>
<td>HANCOR SURELOK WT</td>
<td>HANCOR, 888/367-7473</td>
<td>11/09/04</td>
<td>1891</td>
<td>A</td>
<td>DIAMETERS: 4&quot; TO 10&quot;. BLUE WRAP FOR &quot;WT&quot; VERSION.</td>
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<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE</td>
<td>ISCO SNAP TITE</td>
<td>ISCO INDUSTRIES</td>
<td>12/24/12</td>
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<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE</td>
<td>PRINSKO GOLDFLO WT (12&quot;-48&quot;) INTEGRAL BELL &amp; SPIGOT</td>
<td>PRINSKO INC 815/635-3131</td>
<td>01/10/08</td>
<td>3599</td>
<td>A</td>
<td>CORRUGATED HDPE</td>
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<tr>
<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE</td>
<td>PRINSKO GOLDFLO WT (60&quot;) INTEGRAL BELL &amp; SPIGOT</td>
<td>PRINSKO INC 815/635-3131</td>
<td>04/14/11</td>
<td>3599</td>
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<td>CORRUGATED HDPE</td>
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<tr>
<td>02410.60</td>
<td>POLY WT PIPE - STORM CORRUGATED HDPE</td>
<td>WEHOLITE (60&quot;) WELDED JOINTS</td>
<td>KWH PIPE 800/668-1892</td>
<td>01/10/08</td>
<td>2392</td>
<td>A</td>
<td>EXTRUSION WELDED JOIN BY MFG APPROVED TECHS.</td>
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<td>02410.60</td>
<td>POLY WT PIPE - STORM STEEL REINFORCED HDPE</td>
<td>DUROMAXX WITH HP JOINTS 30&quot; - 72&quot;</td>
<td>CONTECH CONSTRUCTION PRODUCTS</td>
<td>08/12/10</td>
<td>3993</td>
<td>A</td>
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<tr>
<td>02410.70</td>
<td>PVC DRAIN PIPE - PERF PERFORATED</td>
<td>A-2000</td>
<td>CONTECH CONSTRUCTION PRODUCTS</td>
<td>05/10/07</td>
<td>488</td>
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<td>02410.70</td>
<td>PVC DRAIN PIPE - PERF PERFORATED</td>
<td>IPEX PVC DRAIN PIPE 3&quot; AND 6&quot;</td>
<td>IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323</td>
<td>03/08/07</td>
<td>3433 A</td>
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<tr>
<td>02410.70</td>
<td>PVC DRAIN PIPE - SOLID SOLID</td>
<td>A-2000</td>
<td>CONTECH CONSTRUCTION PRODUCTS 800/522-0410</td>
<td>05/01/07</td>
<td>488 A</td>
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<td>PVC DRAIN PIPE - SOLID SOLID</td>
<td>IPEX PVC DRAIN PIPE 3&quot; AND 6&quot;</td>
<td>IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323</td>
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<td>PVC PIPE - IRRIGATION</td>
<td>A-2000</td>
<td>CONTECH CONSTRUCTION PRODUCTS 800/522-0410</td>
<td>05/10/07</td>
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<td>02410.70</td>
<td>PVC PIPE - IRRIGATION</td>
<td>IPEX BLUE BRUTE C800 4&quot; TO 12&quot;</td>
<td>IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323</td>
<td>03/08/07</td>
<td>2184 A</td>
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<td>PVC PIPE - SANITARY</td>
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<td>CONTECH CONSTRUCTION PRODUCTS 800/522-0410</td>
<td>05/10/07</td>
<td>488 A</td>
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<td>36&quot;-120&quot; FILL NON-INTERSTATE 12-18&quot; DIA. REVIEW W/LOCAL</td>
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<td>PVC PIPE - SANITARY</td>
<td>IPEX PVC ULTRA RIB PIPE 8&quot; TO 24&quot;</td>
<td>IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323</td>
<td>03/08/07</td>
<td>1508 A</td>
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<td>PVC PIPE - SANITARY</td>
<td>IPEX RING-TITE GASKETED 4&quot; TO 42&quot;</td>
<td>IPEX, INC. 800/663-5864 SCOTT HENRICH 925/389-4323</td>
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<td>CONTECH CONSTRUCTION PRODUCTS 800/522-0410</td>
<td>05/10/07</td>
<td>488 A</td>
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<td>PVC WT PIPE - CULVERT</td>
<td>PVC ULTRA RIB PIPE</td>
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<td>02410.70</td>
<td>PVC WT PIPE - STORM</td>
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<td>03/08/07</td>
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<td>02410.70</td>
<td>PVC WT PIPE - STORM</td>
<td>PVC ULTRA RIB PIPE</td>
<td>IPEX INC. 800/863-5864, SCOTT HENRICH 925/399-4323</td>
<td>03/08/07</td>
<td>1508</td>
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<td>02410.70</td>
<td>PVC WT PIPE - CULVERT</td>
<td>RING-TITE GASKETED PIPE</td>
<td>IPEX INC. 800/863-5864, SCOTT HENRICH 925/399-4323</td>
<td>03/08/07</td>
<td>2186</td>
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<td>02410.75</td>
<td>POLYPROPYLENE - SANITARY</td>
<td>SANITITE HP DW (DUAL WALL)</td>
<td>ADVANCED DRAINAGE SYSTEMS, INC</td>
<td>04/14/11</td>
<td>4167</td>
<td>A</td>
<td>DONT HANDLE IN TEMPS BELOW 0 DEGREES F.</td>
</tr>
<tr>
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<td>POLYPROPYLENE - SANITARY</td>
<td>SANITITE HP TW (TRIPLE)</td>
<td>ADVANCED DRAINAGE SYSTEMS, INC</td>
<td>04/14/11</td>
<td>4168</td>
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<td>POLYPROPYLENE - STORM</td>
<td>N-12 HP (DUAL WALL)</td>
<td>ADVANCED DRAINAGE SYSTEMS, INC</td>
<td>04/14/11</td>
<td>4166</td>
<td>A</td>
<td>DONT HANDLE IN TEMPS BELOW 0 DEGREES F.</td>
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<td>02420.20</td>
<td>POLYMERIC COATING FOR CORRUGATED STEEL AND SPIRAL RIB PIPE</td>
<td>TRENCHCOAT</td>
<td>DOW CHEMICAL 800/232-2346, PACIFIC CORRUGATED PIPE</td>
<td>03/14/02</td>
<td>2191</td>
<td>A</td>
<td>10 MILS POLYMERIC COATING REQUIRED ON BOTH SIDES OF PIPE TO GET 50 YEARS ADDITIONAL SERVICE LIFE. 12 GA &amp; THINNER.</td>
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<tr>
<td>02420.20</td>
<td>POLYMERIC COATING FOR CORRUGATED STEEL PIPE</td>
<td>TRISHIELD STEEL RIBBED PIPE</td>
<td>PACIFIC CORRUGATED PIPE</td>
<td>08/14/97</td>
<td>1647</td>
<td>A</td>
<td>POLYMERIC PRECOATED, POLYETHYLENE LINED GALV STEEL. APPROVED BY ODOT FOR 50 YEARS ADDITIONAL SERVICE LIFE.</td>
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<tr>
<td>02440.10</td>
<td>PREFORMED JOINT FILLER FOR CONCRETE</td>
<td>HOMEX 300</td>
<td>HOMASOTE COMPANY 800/257-9491</td>
<td>04/21/89</td>
<td>428</td>
<td>A</td>
<td>PREMOLDED WOOD FIBER STRIP FOR CONCRETE AND MASONRY JOINTS.</td>
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<tr>
<td>02440.10</td>
<td>PREFORMED JOINT FILLER FOR CONCRETE</td>
<td>REFLEX RUBBER EXPANSION JOINT</td>
<td>JD RUSSELL CO. 520/742-6194</td>
<td>12/14/00</td>
<td>2293</td>
<td>A</td>
<td>PREFORMED EXPANSION JOINT FILLER MATERIAL. LOW TO NO MOVEMENT APPLICATIONS.</td>
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<td>02440.10</td>
<td>PREFORMED JOINT FILLER FOR CONCRETE</td>
<td>RIGHT JOINT EXPANSION JOINT</td>
<td>RIGHT POINTE CO. 888/755-5700</td>
<td>02/10/05</td>
<td>3050</td>
<td>A</td>
<td>CELLULOSE LONG STRAND FIBERS IN AN ASPHALTIC BINDER.</td>
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<tr>
<td>02440.10</td>
<td>PREFORMED JOINT FILLER FOR CONCRETE</td>
<td>SEALTIGHT FIBRE EXPANSION JOIN</td>
<td>W.R. MEADOWS 860/342-5976</td>
<td>01/09/03</td>
<td>2412</td>
<td>A</td>
<td>CELLULAR FIBERS BONDED TOGETHER TOGETHER &amp; SATURATED WITH ASPHALT</td>
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<tr>
<td>02440.11</td>
<td>POURED JOINT SEALANT 2 PART SILICONE</td>
<td>BONDAFLEX SIL728 RCS</td>
<td>BONDAFLEX 800/641-0234</td>
<td>07/08/10</td>
<td>3163</td>
<td>Q</td>
<td>SELF LEVELING. DESIGN AND PROPER INSTALLATION IMPORTANT!</td>
</tr>
<tr>
<td>02440.11</td>
<td>POURED JOINT SEALANT 2 PART SILICONE</td>
<td>WABO 2-PART SELF-LEV SILICONE NOW: WABOSILICONE SEAL (7-02)</td>
<td>WATSON BOWMAN ACME 800/677-4922</td>
<td>10/14/04</td>
<td>1771</td>
<td>Q</td>
<td>CAUTION SHOULD BE USED WHEN USING. DO NOT TOUCH WITH BARE HANDS. 4 HOUR CURE TIME. WILL NOT BOND TO ASPHALT.</td>
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<tr>
<td>02440.14</td>
<td>BACKER ROD</td>
<td>CERA-ROD</td>
<td>W.R. MEADOWS 860/342-5976</td>
<td>05/01/88</td>
<td>74</td>
<td>A</td>
<td>CROSSLINKED, CLOSED CELL POLYOLEFIN FOR SEALANTS UP TO 445 DEGREES F.</td>
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<tr>
<td>02440.14</td>
<td>BACKER ROD</td>
<td>HBR</td>
<td>CONSTRUCTION FOAM PRODUCTS LISA JARVIS 919/380-6640 (CFM A DIV OF NOMACO)</td>
<td>07/14/11</td>
<td>820</td>
<td>A</td>
<td>POLYETHYLENE CLOSED CELL. FOR COLD SEALANTS TO 158 DEG F INSTALLATION MUST BE TOOLED SLIGHTLY CONCAVE.</td>
</tr>
<tr>
<td>02440.14</td>
<td>BACKER ROD</td>
<td>HBR-XL</td>
<td>CONSTRUCTION FOAM PRODUCTS LISA JARVIS 919/380-6640 (CFM A DIV OF NOMACO)</td>
<td>07/14/11</td>
<td>366</td>
<td>A</td>
<td>POLYETHYLENE CLOSED CELL. CROSS-LINKED FOR USE WITH SEALANTS UP TO 445 DEGREES F.</td>
</tr>
</tbody>
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<tr>
<td>02440.14</td>
<td>BACKER ROD</td>
<td>HOT-ROD XL</td>
<td>INDUSTRIAL THERMO POLYMERS LTD 800/387-3847 (CANADA) WHITE CAP 503/287-4151 VEN: ATLAS SUPPLY 800/806-7952</td>
<td>10/04/90</td>
<td>367 A</td>
<td>TRAFFIC APPROVED FOR USE 10/10/87 ON C. LOBAUGH'S JOB. CROSS-LINKED POLYETHYLENE FOR SEALANTS UP TO 410 DEGREES F.</td>
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<tr>
<td>02440.14</td>
<td>BACKER ROD</td>
<td>ITP BACKER ROD</td>
<td>INDUSTRIAL THERMO POLYMERS LTD 800/387-3847 (CANADA) WHITE CAP 503/287-4151 VEN: ATLAS SUPPLY 800/806-7952</td>
<td>03/14/91</td>
<td>665 A</td>
<td>POLYETHYLENE-FOR COLD Poured SEALANTS ONLY.&lt; 210 DEGREES F.</td>
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<tr>
<td>02440.30</td>
<td>Poured Joint Filler</td>
<td>#3405 Regular - Or</td>
<td>Right Pointe Co. 888/755-5700 815/754-5700 JIM SULLIVAN 206/484-8236</td>
<td>08/14/08</td>
<td>3672 A</td>
<td>INDEPENDENT TEST COMPLIED WITH AASHTO M324 TYPE 2</td>
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</tr>
<tr>
<td>02440.30</td>
<td>Poured Joint Filler</td>
<td>BERAM 195</td>
<td>MCASPHALT INDUSTRIES 800/268-4238 PHOENIX ASPHALT 503/289-6696</td>
<td>11/08/07</td>
<td>3538 A</td>
<td>INDEPENDENT TESTS COMPLIED WITH AASHTO M324 TYPE 2</td>
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<tr>
<td>02440.30</td>
<td>Poured Joint Filler</td>
<td>CRAFCO Roadsaaver 201</td>
<td>CRAFCO INC. 800/528-8242 GREG SHARP 971/645-1826</td>
<td>12/09/04</td>
<td>476 A</td>
<td>ASTM D 1190/D 3405. 18% RUBBER AND OF THAT 60% IS RECLAIMED TIRE RUBBER. ASPHALT AND CONCRETE RESPONDED TO MAY 2004 REQUEST.</td>
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<tr>
<td>02440.30</td>
<td>Poured Joint Filler</td>
<td>CRAFCO Roadsaaver 221</td>
<td>CRAFCO INC. 800/528-8242 GREG SHARP 971/645-1826</td>
<td>12/09/04</td>
<td>2099 A</td>
<td>ASTM D 1190/D 3405. ASPHALT OR CONCRETE. MEETS AASHTO M324 TYPE II</td>
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<tr>
<td>02440.30</td>
<td>Poured Joint Filler</td>
<td>NUVO 3405</td>
<td>MAXWELL PRODUCTS 801/972-2090</td>
<td>07/09/09</td>
<td>3870 A</td>
<td>AASHTO M324 TYPE II, ASTM D6690 TYPE II.</td>
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<td>02440.30</td>
<td>Poured Joint Filler</td>
<td>ROADSEAL 10312</td>
<td>ROADSEAL CANADA 604/451-0721 778/881-6984</td>
<td>01/14/10</td>
<td>4084 A</td>
<td>APPEARS TO MEET ASTM D6690-II. USES RECYCLED TIRES.</td>
<td></td>
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<tr>
<td>02440.30</td>
<td>Poured Joint Filler</td>
<td>DEERY 102 (PART# 80102)</td>
<td>CRAFCO 800/528-8242 WALLY SMITH 970/200-2596 PMSI 503/284-4330</td>
<td>04/14/11</td>
<td>3067 A</td>
<td>MFG SUBMITTED INDEPENDENT TESTS FOR AASHTO M-324 TYPE II.</td>
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<td>02440.30</td>
<td>Poured Joint Filler</td>
<td>Hot Poured Asphaltic</td>
<td>DEERY 102G (PART# 80102GL) CRAFCO 800/528-8342, WALLY SMITH 970/260-2596 PMSI 503/284-4330</td>
<td>04/14/11</td>
<td>3330</td>
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<td>MFG SUBMITTED INDEPENDENT TESTS FOR AASHTO M-324 TYPE II.</td>
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<tr>
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<td>ELASTOFLEX 500 MAXWELL PRODUCTS 801/972-2090</td>
<td>10/14/04</td>
<td>2823</td>
<td>A</td>
<td>MFG CLAIMS IT MEETS AASHTO M-324 TYPE II.</td>
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<td>Poured Joint Filler</td>
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<td>ELASTOFLEX 61 MAXWELL PRODUCTS 801/972-2090</td>
<td>10/14/04</td>
<td>1010</td>
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<td>MFG SUBMITTED INDEPENDENT TESTS FOR AASHTO M-324 TYPE II. WAS 61S (3/01) (ASTM D3405)</td>
</tr>
<tr>
<td>02440.30</td>
<td>Poured Joint Filler</td>
<td>Hot Poured Asphaltic</td>
<td>SA 102 MAXWELL PRODUCTS 801/972-2090 SPECIAL ASPHALT PRODUCTS GARY COOK 503/295-6490</td>
<td>04/24/13</td>
<td>4609</td>
<td>A</td>
<td>AASHTO M324 ASTM D6690 TYPE II. PAVEMENT TEMP. 40 F OR ABOVE</td>
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<tr>
<td>02440.30</td>
<td>Poured Joint Filler</td>
<td>Hot Poured Asphaltic</td>
<td>ELASTOFLEX 62 MAXWELL PRODUCTS 801/972-2090</td>
<td>10/14/04</td>
<td>1011</td>
<td>A</td>
<td>MFG SUBMITTED INDEPENDENT TESTS FOR AASHTO M-324 TYPE II. WAS 62R (3/01) (ASTM D3405)</td>
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<td>02440.40</td>
<td>Rubber Gaskets</td>
<td>Butyl</td>
<td>BUTYL-NEK PREFORMED PLASTIC JOINT SEALANT HENRY SEALANTS 800/231-4549</td>
<td>03/10/05</td>
<td>2789</td>
<td>A</td>
<td>PIPES, CULVERTS, OR MANHOLES.</td>
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<tr>
<td>02440.40</td>
<td>Rubber Gaskets</td>
<td>Butyl</td>
<td>RAM-NEK FLEXIBLE PLASTIC GASKET HENRY SEALANTS 800/231-4549</td>
<td>03/10/05</td>
<td>2790</td>
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<td>PIPES, CULVERTS, OR MANHOLES.</td>
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<tr>
<td>02440.40</td>
<td>Rubber Gaskets</td>
<td>Butyl</td>
<td>BEST SEAL C-56 BEST FITT GASKET CO. TARI KNOTT 253/863-9521</td>
<td>05/09/02</td>
<td>2457</td>
<td>A</td>
<td>MFG PROVIDED EVIDENCE THAT THIS PRODUCT MEETS AASHTO M198</td>
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<tr>
<td>02450.30</td>
<td>Manhole Steps</td>
<td>AMERICAN MANHOLE STEP ML-10 AMERICAN STEP COMPANY 770/467-9844</td>
<td>01/09/97</td>
<td>1610</td>
<td>A</td>
<td>CD-POLYMER POLYPROPYLENE USE WHERE 10&quot; STEPS ARE ALLOWED 10&quot; BETWEEN BARS. EXTENDS OUT 5.7&quot;.</td>
<td></td>
</tr>
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<tr>
<td>02450.30</td>
<td>MANHOLE STEPS</td>
<td>AMERICAN MANHOLE STEP ML-13</td>
<td>AMERICAN STEP COMPANY 770/467-9844</td>
<td>01/09/97</td>
<td>1608</td>
<td>A</td>
<td>CO-POLYMER POLYPROPYLENE. INTERIOR BARS ARE EPOXY COATED 13&quot; BETWEEN BARS. EXTENDS OUT 6&quot;.</td>
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<tr>
<td>02450.30</td>
<td>MANHOLE STEPS</td>
<td>AMERICAN MANHOLE STEP SML-13</td>
<td>AMERICAN STEP COMPANY 770/467-9844</td>
<td>01/09/97</td>
<td>1609</td>
<td>A</td>
<td>CO-POLYMER POLYPROPYLENE. INTERIOR BARS ARE EPOXY COATED 13&quot; BETWEEN BARS. EXTENDS OUT 5.1&quot;.</td>
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<tr>
<td>02450.30</td>
<td>MANHOLE STEPS</td>
<td>AMERICAN STEP # ML-10 (STD)</td>
<td>AMERICAN STEP COMPANY 800/988-7837</td>
<td>04/14/05</td>
<td>1870</td>
<td>A</td>
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<tr>
<td>02450.30</td>
<td>MANHOLE STEPS</td>
<td>AMERICAN STEP # ML-13 (STD)</td>
<td>AMERICAN STEP COMPANY 800/988-7837</td>
<td>04/14/05</td>
<td>1871</td>
<td>A</td>
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<tr>
<td>02450.30</td>
<td>MANHOLE STEPS</td>
<td>AMERICAN STEP # SML-13 (STD)</td>
<td>AMERICAN STEP COMPANY 800/988-7837</td>
<td>04/14/05</td>
<td>1872</td>
<td>A</td>
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<tr>
<td>02450.30</td>
<td>MANHOLE STEPS</td>
<td>BOWCO 93813R</td>
<td>BOWCO INDUSTRIES 503/266-9405</td>
<td>09/13/07</td>
<td>3518</td>
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<tr>
<td>02450.30</td>
<td>MANHOLE STEPS</td>
<td>LANE POLYPROPYLENE # P - 14850</td>
<td>LANE INTERNATIONAL CORP 503/692-9860 800/666-0076</td>
<td>07/23/12</td>
<td>4508</td>
<td>A</td>
<td>Replaces Model #13938</td>
</tr>
<tr>
<td>02450.30</td>
<td>MANHOLE STEPS</td>
<td>LANE POLYPROPYLENE # P - 14938</td>
<td>LANE INTERNATIONAL CORP 503/692-9860 800/666-0076</td>
<td>07/23/12</td>
<td>4509</td>
<td>A</td>
<td>Replaces Model #13938</td>
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<tr>
<td>02450.30</td>
<td>MANHOLE STEPS</td>
<td>MA MANHOLE STEPS PS2-PF</td>
<td>MA INDUSTRIES 800/241-8250 PIPE INC 503/285-8391</td>
<td>04/11/02</td>
<td>72</td>
<td>A</td>
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<tr>
<td>02510.11</td>
<td>COATING FOR REBAR EPOXY</td>
<td>GREENBAR #720A009</td>
<td>VALSPAR 816/421-7400 GARY SCHIMMEL WAS LILLY CORPORATION PRIOR TO 2/2001.</td>
<td>10/14/93</td>
<td>779</td>
<td>A</td>
<td>EPOXY POWDER COATING THAT IS FUSION BONDED TO REBAR FOR AN IMPERMEABLE COATING. RECOMMEND PIPE CLAD PATCH PATCHING MATL.</td>
</tr>
<tr>
<td>02510.11</td>
<td>COATING FOR REBAR EPOXY</td>
<td>NAP-GARD 7-2719</td>
<td>DUPONT POWDER COATINGS ROB PHILLIPPI 513/520-2657</td>
<td>06/14/01</td>
<td>2359</td>
<td>A</td>
<td>MEETS AASHTO M 284, PER VALLEY FORGE TESTING. MFG RECOMMENDED PATCH IS NAPGARD 7-1870.</td>
</tr>
<tr>
<td>02510.11</td>
<td>COATING FOR REBAR EPOXY</td>
<td>NAP-GARD 7-2750</td>
<td>DUPONT POWDER COATINGS ROB PHILLIPPI 513/520-2657</td>
<td>01/28/13</td>
<td>4596</td>
<td>A</td>
<td>PATCH IS NAPGARD 7-1868</td>
</tr>
<tr>
<td>02510.11</td>
<td>COATING FOR REBAR EPOXY</td>
<td>POWDAX E90</td>
<td>SEIBERT POWDER COATINGS 216/631-2002</td>
<td>05/11/95</td>
<td>1161</td>
<td>A</td>
<td>PATCH MATERIAL: TRU-GLAZE 4 EPOXY, CATALOG #12402 BY DEVOE &amp; REYNOLDS CO. AASHTO M284 TEST PERFORMED BY VALLEY FORGE</td>
</tr>
<tr>
<td>02510.11</td>
<td>COATING FOR REBAR EPOXY</td>
<td>RESICOAT RB-600</td>
<td>AKZO POWDER COATINGS FRITZ HERRMANN 615/995-5576</td>
<td>07/10/08</td>
<td>3586</td>
<td>A</td>
<td>MFG SUBMITTED INDEPENDENT TEST FOR AASHTO M-284. RECOMMENDED PATCHING MATERIAL IS DENSO PROTAL 7200.</td>
</tr>
<tr>
<td>02510.11</td>
<td>COATING FOR REBAR EPOXY</td>
<td>SCOTCHKOTE 215</td>
<td>3-M COMPANY (CORROSION) RJ LABRADOR 512/984-3525</td>
<td>12/12/91</td>
<td>635</td>
<td>A</td>
<td>DRY POWDER. PASSES AASHTO M284 PER RESULTS FROM VALLEY FORGE. MFG RECOM PATCHING MATERIAL IS 3M SCOTCHKOTE 413/215PC.</td>
</tr>
<tr>
<td>02510.11</td>
<td>COATING FOR REBAR EPOXY</td>
<td>SCOTCHKOTE 413</td>
<td>3-M COMPANY (CORROSION) RJ LABRADOR 512/984-3525</td>
<td>02/11/93</td>
<td>978</td>
<td>A</td>
<td>TEST RESULTS FROM VALLEY FORGE SHOWS COMPLIANCE WITH M 284. RECOMMENDED PATCHING MATERIAL IS 3M SCOTCHKOTE 413/215PC.</td>
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<tr>
<td>02510.11</td>
<td>COATING FOR REBAR SPLICES</td>
<td>3-M ITCSN HEAT SHRINK SLEEVES</td>
<td>3-M COMPANY 800/545-3573 WALT DAVIS 503/984-7564 PLATT ELECTRIC 503/581-7012</td>
<td>01/11/96</td>
<td>1375</td>
<td>A</td>
<td>THIS APPEARS TO WORK BETTER THAN FIELD APPLIED PATCHES.</td>
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<tr>
<td>02510.11</td>
<td>COATING FOR REBAR SPLICES</td>
<td>SPICSEAL (HEAT SHRINK)</td>
<td>RJ/INDUSTRIES, INC. 800/344-4753 WESTERN COATINGS, INC. 206/735-1070</td>
<td>04/10/97</td>
<td>953</td>
<td>A</td>
<td>THIS APPEARS TO WORK BETTER THAN FIELD APPLIED PATCHES. HEAT SHRINK TUBING</td>
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<tr>
<td>02510.25</td>
<td>HEADED BAR REINFORCEMENT</td>
<td>LENTON TERMINATOR D6 SERIES</td>
<td>ERICO PRODUCTS INC. 440-248-0100</td>
<td>01/21/14</td>
<td>3805</td>
<td>Q</td>
<td>#4 - #18</td>
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<tr>
<td>02530.71</td>
<td>GALVANIZING, REPAIR HOT-DIP</td>
<td>DEVCON Z</td>
<td>ITW DEVCON 978/777-1100</td>
<td>01/21/14</td>
<td>4743</td>
<td>A</td>
<td>BRUSH OR SPRAY APPLICATION 3 MIL DRY FILM THICKNESS MINIMUM</td>
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<tr>
<td>02530.71</td>
<td>GALVANIZING, REPAIR HOT-DIP</td>
<td>Z.R.C</td>
<td>ZRC WORLDWIDE 800/831-3275</td>
<td>01/21/14</td>
<td>4742</td>
<td>A</td>
<td>BRUSH OR SPRAY APPLICATION 3 MIL DRY FILM THICKNESS MINIMUM</td>
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<td>02530.71</td>
<td>GALVANIZING, REPAIR HOT-DIP</td>
<td>ZINGA</td>
<td>CARWELL 800/856-6798</td>
<td>01/21/14</td>
<td>4744</td>
<td>A</td>
<td>BRUSH OR SPRAY APPLICATION 3 MIL DRY FILM THICKNESS MINIMUM</td>
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<tr>
<td>02560.70</td>
<td>LUBRICANTS BLACK FASTENERS</td>
<td>MARVEL MYSTERY OIL</td>
<td>TURTLE WAX 800/887-8539</td>
<td>01/31/13</td>
<td>4598</td>
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<td>BLACK FASTENERS ONLY NOT FOR COATED OR GALVANIZED FASTENERS</td>
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<tr>
<td>02560.70</td>
<td>LUBRICANTS BLACK FASTENERS</td>
<td>ZEP 45</td>
<td>ZEP, INC. 877/428-9937 OR 404/352-1680</td>
<td>01/31/13</td>
<td>4599</td>
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<td>BLACK FASTENERS ONLY NOT FOR COATED OR GALVANIZED FASTENERS</td>
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<td>02560.70</td>
<td>LUBRICANTS FOR GALVANIZED FASTENERS</td>
<td>MACUGUARD TORQUE 'N TENSION</td>
<td>ABCO PRODUCTS OF SACRAMENTO 916/447-9931 OR 916/417-4142</td>
<td>06/10/10</td>
<td>3814</td>
<td>A</td>
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<tr>
<td>02560.70</td>
<td>LUBRICANTS FOR GALVANIZED FASTENERS</td>
<td>SAFETY FILM 639</td>
<td>CASTROL INDUSTRIAL 877/641-1600 IDG 503/288-3252 TYRE OIL 541/687-0076</td>
<td>12/10/93</td>
<td>921</td>
<td>A</td>
<td>USE AS CORROSION RESIST LUBRICANT ON VARIOUS FASTENERS. ALSO, USE AS A RUST PROTECTOR.</td>
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<tr>
<td>02560.70</td>
<td>LUBRICANTS FOR GALVANIZED FASTENERS</td>
<td>STICK-WAX WAS 145 STICK-WAX</td>
<td>CASTROL INDUSTRIAL 877/641-1600 IDG 503/288-3252 TYRE OIL 541/687-0076</td>
<td>09/10/09</td>
<td>920</td>
<td>A</td>
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<tr>
<td>02560.70</td>
<td>LUBRICANTS FOR STAINLESS FASTENERS</td>
<td>MOLYKOTE G-N</td>
<td>DOW CORNING 989/496-6000</td>
<td>08/23/13</td>
<td>4690 A</td>
<td>A</td>
<td>STAINLESS STEEL FASTENERS NOT FOR COATED OR GALVANIZED</td>
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<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL NCHRP 350 TL-2 1' FLARE ONLY (50:1) 'L'=50' 9&quot;</td>
<td>SOFTSTOP END TERMINAL ENERGY ABSORBING UNIT</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 8</td>
<td>01/21/14</td>
<td>4682 A</td>
<td>A</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 60MPH</td>
</tr>
<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL NCHRP 350 TL-2 20' - 32' FLARE 'L' = 25'</td>
<td>FLEAT 350 TL-2 ENERGY ABSORBING UNIT</td>
<td>ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825</td>
<td>02/10/00</td>
<td>1792 A</td>
<td>A</td>
<td>(FLEAT)FLARED ENERGY ABSORBING TERMINAL. TESTED AT IMPACT SPEEDS OF 70 KPH / 45 MPH. ENTIRE SYSTEM APPROVED.</td>
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<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL NCHRP 350 TL-2 NON-FLARED: 'L' = 25'</td>
<td>SKT 350 TL-2 ENERGY ABSORBING UNIT</td>
<td>ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825</td>
<td>02/10/00</td>
<td>1791 A</td>
<td>A</td>
<td>SEQUENTIAL KINKING TERMINAL. TESTED AT IMPACT SPEEDS OF 70 KPH/45 MPH. ENTIRE SYSTEM APPROVED.</td>
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<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL NCHRP 350 TL-2 NON-FLARED: 'L' = 25'</td>
<td>ET PLUS TL-2 (WAS ET2000 TL2) ENERGY ABSORBING UNIT</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 CORAL SALES 800/538-7245</td>
<td>01/12/06</td>
<td>2451 A</td>
<td>A</td>
<td>SHOULDER TERMINALS WITH 0 DEG FLARE. OK W/SYTP AND SYTP IN A TUBE (2 TUBE SYSTEMS) NOT FOR MEDIANS.ENTIRE SYSTEM APPROVED</td>
</tr>
<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL NCHRP 350 TL-3 0-4' FLARE 'L'&gt;37.5&quot;</td>
<td>TREND 350 FLARED END TERMINAL</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 800/772-7976</td>
<td>12/10/12</td>
<td>4569 A</td>
<td>A</td>
<td>ENERGY ABSORBING SHOULDER TERMINALS</td>
</tr>
<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL NCHRP 350 TL-3 0-4' FLARE 'L'&gt;37.5&quot;</td>
<td>X-LITE NON-ENERGY ABSORBING UNIT</td>
<td>LINDSAY TRANSPORTATION SOLUTIONS 707/374-6800 BARRIER SYSTEMS 704/473-6501</td>
<td>07/17/12</td>
<td>4505 A</td>
<td>A</td>
<td>NON-ENERGY ABSORBING TANGENT AND FLARED APPLICATION WAS TX TANGENT TERMINAL 10/15/13</td>
</tr>
<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL NCHRP 350 TL-3 1' FLARE ONLY (50:1) 'L'&gt;50' 9&quot;</td>
<td>SOFTSTOP END TERMINAL ENERGY ABSORBING UNIT</td>
<td>TRINITY INDUSTRIES, INC. MIKE MADDEN 800/772-7976 DON GRIPNE 360/943-9559 RANDY OLSON 8</td>
<td>01/21/14</td>
<td>4682 A</td>
<td>A</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 60MPH</td>
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<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL NCHRP 350 TL-3 2' FLARE 'L' = 37.5&quot;</td>
<td>FLEAT-MT ENERGY ABSORBING UNIT</td>
<td>ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825</td>
<td>05/08/03</td>
<td>2712 A</td>
<td>A</td>
<td>(FLEAT)FLARED ENERGY ABSORBING TERMINAL. TESTED AT IMPACT SPEEDS OF 100 KPH / 60 MPH. ENTIRE SYSTEM APPROVED.</td>
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<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL</td>
<td>NCHRP 350 TL-3; 30' - 48' FLARE; 'L' = 37.5'</td>
<td>ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825</td>
<td>09/10/98</td>
<td>1792 A</td>
<td>A</td>
<td>(FLEAT)FLARED ENERGY ABSORBING TERMINAL. TESTED AT IMPACT SPEEDS OF 100 KPH / 60 MPH. ENTIRE SYSTEM APPROVED.</td>
</tr>
<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL</td>
<td>NCHRP 350 TL-3; 3'-4' FLARE; 'L' = 37.5'</td>
<td>ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825</td>
<td>04/11/96</td>
<td>1490 A</td>
<td>A</td>
<td>RAIL END PIECE SRT-SLOTTED RAIL TERMINAL. ENTIRE SYSTEM APPROVED. 3/4 OR FULL WRAP ON END PIECE.</td>
</tr>
<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL</td>
<td>NCHRP 350 TL-3; NON-FLARED; 'L' = 37.5</td>
<td>ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825</td>
<td>11/13/08</td>
<td>3682 A</td>
<td>A</td>
<td>SEQUENTIAL KINKING TERMINAL. TESTED AT IMPACT SPEEDS OF 60 MPH. ENTIRE 7 POST SYSTEM APPROVED.</td>
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<td>02820.00</td>
<td>GUARDRAIL END TERMINAL</td>
<td>NCHRP 350 TL-3; NON-FLARED; 'L' = 50'</td>
<td>ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825</td>
<td>09/10/98</td>
<td>1791 A</td>
<td>A</td>
<td>SEQUENTIAL KINKING TERMINAL. TESTED AT IMPACT SPEEDS OF 100 KPH/60 MPH. ENTIRE SYSTEM APPROVED.</td>
</tr>
<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL</td>
<td>NCHRP 350 TL-3; NON-FLARED; 'L' = 37.5' ALSO FOR 'L' = 50'</td>
<td>ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825</td>
<td>01/12/06</td>
<td>2451 A</td>
<td>A</td>
<td>SHOULDER TERMINALS WITH 0 DEG FLARE. OK W/SYTP AND SYTP IN A TUBE (2 TUBE SYSTEMS) NOT FOR MEDIANS. ENTIRE SYSTEM APPROVED.</td>
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<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL</td>
<td>NCHRP 350 TL-3; STRAIGHT FLARE (4') 'L' = 37.5'</td>
<td>ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825</td>
<td>06/14/01</td>
<td>2433 A</td>
<td>A</td>
<td>RAIL END PIECE SRT-SLOTTED RAIL TERMINAL. ENTIRE SYSTEM APPROVED. 3/4 OR FULL WRAP ON END PIECE.</td>
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<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL</td>
<td>NCHRP 350 TL-3; TANGENT FLARE 0-2' 'L' = 37.5'</td>
<td>ROAD SYSTEMS, INC. JOHN DURKOS 330/346-0721 UNIVERSAL INDUSTRIAL SALES 800/424-9825</td>
<td>01/21/14</td>
<td>4701 A</td>
<td>A</td>
<td>TESTED FOR IMPACT SPEEDS UP TO 60 MPH</td>
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<tr>
<td>02820.00</td>
<td>GUARDRAIL END TERMINAL</td>
<td>NCHRP 350 TL-3; X-TENSION GR END TERMINAL 'L' = 43'</td>
<td>BARRIER SYSTEMS INC 707/374/6800 ZUMAR INDUSTRIES 503/701/1125</td>
<td>08/25/11</td>
<td>4220 Q</td>
<td>Q</td>
<td>ENERGY ABSORBING FLARE 0-4'; L=43'</td>
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<tr>
<td>02910.20</td>
<td>SIGN SHEETING - TYPE III ASTM D4956</td>
<td>NIKKALITE ULTRALITE GRADE II</td>
<td>NIPPON CARBIDE 800/821-4264 GEORGE TAMAYORI 562/777-1810</td>
<td>09/10/98</td>
<td>1704</td>
<td>A</td>
<td>ENCAPSULATED LENS. N512 WHITE, N504 YELLOW, N505 RED, N506 BLUE, N507 ORANGE, N509 BROWN.</td>
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<tr>
<td>02910.20</td>
<td>SIGN SHEETING - TYPE III ASTM D4956 PRISMATIC HIP</td>
<td>3-M SERIES 3930</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>09/28/05</td>
<td>2949</td>
<td>A</td>
<td>WHITE, YELLOW, ORANGE, BLUE, &amp; GREEN. (NO FLUORESCENT ORANGE)</td>
</tr>
<tr>
<td>02910.20</td>
<td>SIGN SHEETING - TYPE IV ASTM D4956 PRISMATIC</td>
<td>AVERY DENNISON T-6500</td>
<td>AVERY DENNISON 800/327-5917</td>
<td>09/08/05</td>
<td>1525</td>
<td>A</td>
<td>WHITE: T6500, YELLOW: T6501, ORANGE: T6504, RED: T6508, GREEN: T6507, BLUE: T6505, BROWN: T6509</td>
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<tr>
<td>02910.20</td>
<td>SIGN SHEETING - TYPE IV ASTM D4956 PRISMATIC</td>
<td>3-M SERIES 3930</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>09/08/05</td>
<td>2949</td>
<td>A</td>
<td>3930 WHITE, 3931 YELLOW, 3934 ORANGE, 3935 BLUE, &amp; 3937 GREEN. NO FLORESCENT ORANGE.</td>
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<tr>
<td>02910.20</td>
<td>SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC</td>
<td>3-M SERIES 4000 (DG3)</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>05/13/10</td>
<td>3115</td>
<td>A</td>
<td>OK FOR TYPE IX ONLY. COLORS: WHITE 4090, YELLOW 4091, RED 4092, BLUE 4095, GRN 4097, F-YELLOW 4081, F-YG 4083</td>
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<td>02910.20</td>
<td>SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC</td>
<td>AVERY DENNISON T-9500</td>
<td>AVERY DENNISON 800/327-5917</td>
<td>02/11/10</td>
<td>3605</td>
<td>A</td>
<td>T-9500 WHITE, T-9501 YELLOW, T-9505 BLUE, T-9507 GREEN T-9508 RED, T-9513 FL YEL/GRN, T-9511 FY.</td>
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<tr>
<td>02910.20</td>
<td>SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC</td>
<td>OMNICUBE T-11500 SERIES ASTM TYPE XI</td>
<td>AVERY DENNISON 240/925-6891</td>
<td>01/21/14</td>
<td>4502</td>
<td>A</td>
<td>T-11500 WHITE, T-11501 YELLOW T-11505 GREEN, T-11507 RED T-11508 BLUE, T-11513 FL. YELLOW-GREEN T-11511 FL. YELLOW</td>
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<tr>
<td>02910.20</td>
<td>SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC FLUORESCENT ORANGE</td>
<td>OMNICUBE W-11514 FLUO ORANGE</td>
<td>AVERY DENNISON 240/925-6891</td>
<td>01/21/14</td>
<td>4501</td>
<td>A</td>
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<tr>
<td>02910.20</td>
<td>SIGN SHEETING - TYPE IX ASTM D4956 PRISMATIC - FLUORESCENT YELLOW</td>
<td>3-M SERIES 3981</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>12/12/96</td>
<td>2843</td>
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<tr>
<td>02910.20</td>
<td>SIGN SHEETING - TYPE IX</td>
<td>3-M SERIES 3983</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>12/12/96</td>
<td>1898</td>
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<tr>
<td>02910.20</td>
<td>SIGN SHEETING - TYPE IX</td>
<td>3-M SERIES 3990 (VIP GRADE)</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>11/09/95</td>
<td>1328</td>
<td>A</td>
<td>FOR URBAN STREET LEVEL. WHITE 3990, YELLOW 3991, RED 3992, BLUE 3995, GREEN 3997</td>
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<tr>
<td>02910.60</td>
<td>ELECTRONIC CUTTABLE FILM</td>
<td>OL-2000 OVERLAY SERIES</td>
<td>AVERY DENNISON 240/925-6891</td>
<td>03/27/13</td>
<td>4285</td>
<td>A</td>
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<tr>
<td>02910.60</td>
<td>ELECTRONIC CUTTABLE FILM</td>
<td>3-M SERIES 1170</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>09/12/96</td>
<td>1414</td>
<td>A</td>
<td>NEED FOR LEGENDS ON HIGH INTENSITY SHEETING.</td>
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<tr>
<td>02910.70</td>
<td>ANTI-GRAFFITI COATING FOR SIGNS</td>
<td>3-M SERIES 1150 OVERLAY FILM FOR EG AND HI</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>05/09/96</td>
<td>1413</td>
<td>A</td>
<td>FOR 3-M SHEETING ONLY. DESIGNED TO ALLOW EASY REMOVAL OF GRAFFITI.</td>
</tr>
<tr>
<td>02910.70</td>
<td>ANTI-GRAFFITI COATING FOR SIGNS</td>
<td>3-M SERIES 1160 OVERLAY FILM FOR EG, HI, DG3, HIP</td>
<td>3-M COMPANY TSSD 800/553-1380 SCOTT ELLWOOD 503/309-9160</td>
<td>01/10/02</td>
<td>2436</td>
<td>A</td>
<td>FOR 3-M SHEETING ONLY. DESIGNED TO ALLOW EASY REMOVAL OF GRAFFITI.</td>
</tr>
<tr>
<td>02910.70</td>
<td>ANTI-GRAFFITI COATING FOR SIGNS</td>
<td>AVERY OL-1000 CLEAR FOR AVERY SIGNS</td>
<td>AVERY DENNISON 800/327-5917</td>
<td>12/10/09</td>
<td>3949</td>
<td>A</td>
<td>FOR AVERY DENNISON SHEETING ONLY.</td>
</tr>
<tr>
<td>02910.70</td>
<td>ANTI-GRAFFITI COATING FOR SIGNS</td>
<td>F-CAL PREMIUM PROTECTIVE FILM</td>
<td>NIPPON CARBIDE 800/821-4264 ROBERT PARRA 800/821-4264 JAMES JOHNSON 310/632-7500</td>
<td>07/10/03</td>
<td>1799</td>
<td>A</td>
<td>FOR NIPPON CARBIDE (NIKKOLITE) SHEETING ONLY.</td>
</tr>
<tr>
<td>03010.00</td>
<td>FENCING, CHAIN LINK</td>
<td>CYCLONE C-SECTION (ZINC)</td>
<td>GREGORY GALVANIZING 330/477-4800 JIM DESMITH</td>
<td>07/08/93</td>
<td>809</td>
<td>A</td>
<td>GALVANIZED STEEL C-SECTION MANUFACTURER HAS SHOWN CONFORM TO ASHTO M181, GRADE 1. HOT-DIP ZINC COATING.</td>
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<tr>
<td>03010.00</td>
<td>FENCING, CHAIN LINK</td>
<td>SS-40 POSTS</td>
<td>ALLIED TUBE AND CONDUIT 800/882-5543, EXT. 775 REP: PACIFIC FENCE 800/547-2410</td>
<td>12/13/90</td>
<td>374</td>
<td>A</td>
<td>MFG HAS COMPL WITH AASHTO M181 GRADE 2. SUITABLE FOR FENCING. SAMPLING PER SEC 01050 OF THE NON-FIELD TEST ACCEPTANCE GUIDE.</td>
</tr>
<tr>
<td>03010.00</td>
<td>FENCING, CHAIN LINK</td>
<td>WT-40</td>
<td>WHEATLAND TUBE CO. MICHAEL RYAN 724/342-6851 1587</td>
<td>04/08/99</td>
<td>1847</td>
<td>A</td>
<td>FOR USE IN STEEL FENCE POSTS, RAILS, AND GATE FRAMES. MFTR ASSERTS COMPLIANCE WITH AASHTO M181, AND ASTM F1043.</td>
</tr>
</tbody>
</table>
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.
Oregon DOT – QPL (January 2014) Attachment “A” Approved Rebar Producers (English Units)

ArcelorMittal Vinton, Inc. El Paso Texas ODOT # 1841

ArcelorMittal Vinton, Inc. (El Paso, TX)

Example for #4 grade 60 rebar:

Current SI marking

New in-lb marking

Nucor Steel Utah ODOT # 1112
#11 REBAR

Side  Back  Front

CMC Steel Mesa Arizona ODOT #4118
Bar sizes 4, 5, 6, 7, 8, 9, 10, 11, 14, 18.

Nucor Steel Seattle Washington ODOT # 2935
REBAR MARKINGS

- A615 - Grade 60 - Bar Sizes 4-18
  - R 1 0 S

- A615 - Grade 75 - Bar Sizes 4-18
  - R 1 1 S

- A615 - Grade 80 - Bar Sizes 4-18
  - R 1 4 S

- A706 - Grade 60 - Bar Sizes 4-18
  - R 1 0 W

- A706 - Grade 80 - Bar Sizes 4-18
  - R 1 1 W
Gerdau Ameristeel (revised markings)

S
Bars #13 through #57 only

W
Bars #13 through #57 only

S
Bars #13 through #57 only

S
Bars #14J and #18J ("Jumbo") only

S
Bars #19 through #57 only

S
Bars #19 through #57 only

Gerdau St. Paul Minnesota ODOT # 1623
A706/A615 GRADE 60 REBARS MARKINGS
Rebar sizes: #3 thru #6

NUCOR STEEL – KINGMAN, AZ
ODOT #4356