

# MCDOT APPROVED MATERIALS LIST

ITEM	MANUFACTURER
<p><b>Detectable Warnings</b></p> <p>Requests for product approval are to be directed to: MCDOT Roadway Maintenance Division, 2919 West Durango Street, Phoenix, 85009 Phone: (602) 506-4684</p>	<p>ADA Solutions, Inc.: Federal Yellow ADA Composite Wet Set Replaceable TWS Units, 1-800-372-0519</p> <p>Arcis Corp: ADA Arcis Tactile (Detectable Warning Panels – red is the only approved color), 1-503-647-5042</p> <p>Masco: CASTinTACT Detectable Warning Panels, 1-800-484-2261</p> <p>StrongGo: TekWay Dome Tiles, 1-866-439-3216</p> <p>Neenah Foundry: Detectable Warning Plates, 602-284-9468</p>
<p><b>GUARDRAIL MATERIALS</b></p> <p>Direct questions concerning roadside barrier materials to: Mazen Muradvich, Traffic Management Division (602) 506-8689, email: <a href="mailto:MazenMuradvich@mail.maricopa.gov">MazenMuradvich@mail.maricopa.gov</a></p>	
<p><b>Tangential Energy-Absorbing Terminals</b> for use with 28” high W-beam (rail splices on the post). <b>FOR EXISTING GUARDRAIL REPAIR &amp; MAINTENANCE OR APPROVED BY MCDOT.</b></p>	<p>Trinity Highway Products, LLC, Phone: 1-800-772-7976</p> <p>ET-PLUS Detail # SS 612 for 50.0 ft. terminal Detail # SS 611 for 37.5 ft. terminal Detail # SS 610 for 25.0 ft. terminal (Test Level 2).</p>
<p><b>Tangential Energy-Absorbing Terminals</b> for use with 31” high W-beam (rail splices between posts).</p>	<p>MASH tested end terminals that qualify for FHWA eligibility letter :</p> <ol style="list-style-type: none"> <li>1. Soft stop (Test Level 2 &amp; Test Level 3) Trinity Highway Centerville, UT. Phone: 801-299-5041</li> <li>2. Mash Sequential Kinking Terminal (MSKT) (Test Level 2 &amp; Test Level 3). Road System Inc. Technical Support Stow, OH 330-346-0721</li> <li>3. Max Tension (Test Level 3) – Lindsay Transportation Solution. Rio Vista, CA. 916-474-9644</li> </ol>
<p><b>Hot Dipped Galvanized Steel Surface Treatment</b> for use on guardrail installations (Proposed locations for use require MCDOT’s prior approval.) This treatment has been approved by Trinity Highway for use on NCHRP &amp; MASH terminals.</p>	<p>Natina Products, LLC: Natina®Steel, 1-877-762-8462</p>

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ITEM	MANUFACTURER
<b>TRAFFIC SIGNAL MATERIALS</b>	
Direct questions concerning traffic signal materials to: Efren Guevara, Traffic Signal Branch (602) 506-8660, email: <a href="mailto:efreguevara@mail.maricopa.gov">efreguevara@mail.maricopa.gov</a>	
Cabinet and Controller Assembly	Econolite TS-2, Type 1, (Plug n Go) with RS 77 cabinet, Cobalt Controller
Conduit warning tape	Presco
Elec. Service Pedestal	Tesco Cat. No. 26-000 (standalone meter) Tesco Cat. No. 27-22 meter/BBS Combination
Intersection Lighting Luminaires	GE (GE-M250A2) ITT COOPER (OVH-E03 LED E U SL3 AP) – 45' roadway width COOPER (OVH E04 LED E U SL3 AP) – 100' roadway width Signfy/Phillips RFM-72W32LED-4K-G2-R3M 45' Roadway Width RFM-90W40LED-4K-G2-RM3 100' Roadway Width
LED Count-down Pedestrian Signal Heads	GE Lumen Dialite
Liquid Waterproofing Splicing Compound	3M Scotch Kote
Pedestrian Pushbutton Signs	Pelco Products Inc McCain Traffic Supply Traffic Parts Inc Traffic Signal Hardware
Pedestrian Audible Pushbutton Station	Polara Navigator System EN49-CN1-B, PHCU4W, 850-28-12 Campbell Advisor AGPS
Pedestrian Pushbuttons	Traffic Parts Inc. #PB-S11-B01-B Advance Traffic Products #BDSP-014-X
Signal Battery Backup System	Tesco Model #22-000BBS
Traffic Signal Pull Boxes	Christy #3.5 - Fiberlite FL9, Christy #5 – FL30, Christy #7 Fiberlite FL36
Traffic Signal LED Lamp	GE Lumen Dialite TRASTAR Duralight

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Traffic Signal Poles, Signal and Luminaire Mast Arms	Ameron Valmont Millerbernd CEM TEC
Vehicular and Pedestrian Mounting Hardware	Econolite Control Products Inc Automatic Signal-Eagle Signal Pelco Products Inc McCain Traffic Supply Traffic Parts Inc. Traffic Signal Hardware
Vehicular Traffic Signal Heads	McCain Traffic Supply Eagle
Video Image Detection System	Econolite Autoscope Vision 4-Camera system. ITERIS Z4A cameras with EDGE II 4-Camera System ITERIS Vector cameras Video/Radar System
Wire Marking Tape	3M Scotchcode Wire Marker Tape Panduit
Wire nuts	IDEAL part numbers 451, 452 & 454