

Changes are shaded.

CRASH CUSHIONS

(NCHRP 350 Approved)

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| SCI PRODUCTS, INC. | TL-2 SCI-70GM TL-3 SCI-100GM | Re-directive Crash Cushion Re-directive Crash Cushion |
| ENERGY ABSORPTION SYSTEMS, INC. | TL-1 & TL-2 NEAT Non-Re-directive, Guards Pre-cast Traffic Barrier Service Concrete and QMB (CZ only) TL-2 QUADGUARD ELITE (7 BAY) TL-3 QUADGUARD ELITE (11 BAY) TL-1, TL-2 & TL-3 ENERGITE III TL-2 & TL-3 QUADGUARD TL-3 QUADGUARD-WIDE TL-3 QUADGUARD LMC Low Maintenance TL-3 BRAKEMASTER TL-3 CRASHGARD SAND BARREL SYSTEM | Re-directive Crash Cushion Re-directive Crash Cushion Non-Re-directive Sand Module (CZ or Permanent) Re-directive Crash Cushion (CZ or Permanent) Re-directive Crash Cushion (Permanent) Re-directive Crash Cushion (Permanent) Re-directive Terminal/Crash Cushion (Permanent) Non-Redirective Crash Cushion (CZ or permanent) |
| ROADWAY SAFETY SERVICE | TL-3 REACT 350 TL-1, TL-2 & TL-3 FITCH UNIVERSAL MODULE | Re-directive Crash Cushion (CZ or Permanent) Non-Re-directive Sand Module (CZ or Permanent) |
| TRINITY INDUSTRIES SYRO STEEL | TL-3 CAT TL-3 ADIEM TL-2 & TL-3 TRACC TL-3 FASTRACC TI-3 WIDETRACC TL-2 SHORTRACC | Re-directive Terminal/Crash Cushion (Permanent) Re-directive Lightweight Concrete Crash Cushion (For use in CZ only) Re-directive Crash Cushion (CZ or Permanent) Re-directive Crash Cushion (CZ or Permanent) Re-directive Crash Cushion (CZ or Permanent) Re-directive Crash Cushion (CZ or Permanent) |
| TRAFFIC DEVICES | TL-1, TL-2 & TL-3 BIG SANDY | Non-Re-directive Sand Module (CZ or Permanent) |
| BARRIER SYSTEMS, INC. | TL-2 & TL-3 ABSORB 350 TL-2 TAU-II (4 bay) TL-3 TAU-II (8 bay) | Non-Re-directive Crash Cushion for Precast Traffic Barrier Service Concrete and QMB Re-directive Crash Cushion (CZ or Permanent) Re-directive Crash Cushion (CZ or Permanent) |

TL-1, 30 MPH Max.
TL-2, 45 MPH Max.
TL-3, >45 MPH

Type I = Re-Directive Crash Cushion
Type IA = Re-Directive Crash Cushion (\leq 45 MPH)
Type II = Non Re-Directive Crash Cushion

Note: CZ refers to Construction Zone
QMB refers to Quickchange Moveable Barrier

TERMINALS
(NCHRP 350 Approved)

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| INTERSTATE STEEL/ROAD SYSTEMS, INC. | TL-3 BEST 350 | VDOT ST'D. GR-9 |
| | TL-3 SEQUENTIAL KINKING TERMINAL (SKT-350) | VDOT ST'D. GR-9 |
| TRINITY INDUSTRIES SYRO STEEL | TL-3 SLOTTED RAIL TERMINAL (SRT-350) for W. Beam Guardrail | VDOT ST'D. GR-7 |
| | TL-3 CAT | VDOT ST'D. GR-9 |
| | TL-3 ET-2000 ET-PLUS with SYTP (Steel Yielding Terminal Post) | VDOT ST'D. GR-9 VDOT ST'D. GR-9 |
| ROAD SYSTEMS, INC. | TL-3 FLARED ENERGY ABSORBING TERMINAL (FLEAT-350) | VDOT ST'D. GR-7 |
| ENERGY ABSORPTION | TL-3 BRAKEMASTER | VDOT ST'D. GR-9 |
| BARRIER SYSTEMS, INC. | TL-3 X-TENSION END TERMINAL | VDOT ST'D. GR-9 |

CRASHWORTHY LONGITUDINAL BARRIERS
(NCHRP 350 Approved)

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| BARRIER SYSTEMS, INC. | TL-3 Narrow Quick Change Moveable Barrier |
| IOWA DOT | TL- 3 Iowa PCB Temporary CMB F-shape with Pin and Loop Connection |
| ROCKINGHAM PRECAST | TL-3 Temporary CMB-F shape, 12'-0" long with Slotted Tube/T-Bar Connection |

**CRASHWORTHY LONGITUDINAL BARRIERS
(NCHRP 350 Approved unless otherwise noted)**

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| SMITH-MIDLAND | TL-3 Temporary Concrete Median Barrier F-shape with J-J Hook Connection |
| VIRGINIA DOT | Temporary Concrete Median Barrier F-shape with Pin and Loop connection (20'-0" Length) |
| BARRIER SYSTEMS, INC. | TL-3 Quickchange Moveable Barrier (QMB) Moveable Barrier |
| PENNSYLVANIA DOT | TL-3, 12'-6" Long Temporary Concrete Median Barrier F-Shape with Plate Connection |

**PORTABLE VERTICAL PANELS
(NCHRP 350 Approved)**

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| IMPACT RECOVERY SYSTEM | Vertical Panel |
| WOUDENBERG ENTERPRISES | Msi Durastem Vertical Panel w/ Lightweight Warning Light |
| FLASHER HANDLING CORP. | Air Spill Barricade Vertical Panel |
| BENT MANUFACTURING COMPANY | Vertical Panel w/ Lightweight Warning Light ULTRA Vertical Panel w/ Lightweight Warning Light |
| WLI INDUSTRIES, INC. | SafetyCade Vertical Panel SafetyCade Extended Vertical Panel w/ Lightweight Warning Light |
| SERVICE SIGNING, L.C. | Vertical Panel |
| EASTERN METAL / U.S.A. SIGNS | Melba Vertical Panel |

**MAILBOX SUPPORTS
(NCHRP 350 Approved)**

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| FRIEND INNOVATIONS | Snowplow Friendly Metal Cantilever Mailbox Support |
| FORESIGHT PRODUCTS, INC. | V-Loc Mailbox Support System |
| S-SQUARE TUBE PRODUCTS | Nex Tube Mailbox Support System |

CHANNELIZING DEVICES WITH AUXILIARY DEVICES*
(NCHRP 350 Approved)

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| FLASHER HANDLING CORP. | Plastic Substrate Sign Panel Mounted on face of Drum. |
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* Drums with Type A or C warning lights are acceptable as Category 1 devices and therefore will not be listed in this document.

PORTABLE SIGN SUPPORTS
(NCHRP 350 Approved)

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| EASTERN METAL/USA SIGNS | Super Flex Compact Stand with Fiberglass Leaf Spring C-102, C-132, C-142, C-200, C-202, C-232, C-242, C-802, C-832, C-842, C-902, C-942, X-501, X-550, X-551, X-600, X-601 Portable Sign Stands with roll-up signs only. Model Number X-842 with 2mm AL/LDPE (Alpolic, Reynolite and Dibond) laminated substrates, Model Number X-880 with 2mm AL/LDPE laminated substrate, and Model Numbers X552, X552b and X-602 with 2mm AL/LDPE laminated substrate. |
| FLASHER HANDLING CORP. | Bantam 2 portable sign stand, Featherweight 2 sign stand with roll-up signs. |
| DICKIE TOOL COMPANY | Model Numbers DL1003W, QLV-W, MSRIGID-30, QFV-60, QFV-84, PS-3330, PS-3330-S, DF3003, DF3000S, DF3003W, MSFLEX-30, QFV-48, DF3003S, PS-3000S, DF3000WQ, DF-4700, DF-4700TX, DF-4503, Uniflex 2000 and DL1003WQ with roll-up type sign only, and SLIP-60 with roll-up type sign. |
| MARKET DISPLAYS INTERNATIONAL (MDI) | Model Numbers 4814CS, 4814DLK, 4814HDK, 4814SSCK, 30CAM, 40CAM, 4814NSCK, 4884CS, 4860KA, 4850, 4812, 4815, 4814K with roll-up type signs. Model Numbers 4818 and 4860K with roll-up 10mm Coreplast and Inteplast corrugated plastic sign substrate or 2mm AL/LDPE (Alpolic, Reynolite and Dibond) aluminum laminated substrate signs. |

**PORTABLE SIGN SUPPORTS
(NCHRP 350 Approved)
continued**

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| <p style="text-align: center;">KORMAN SIGNS, INC.</p> | <p>Model Numbers SS560, SS560A, SS560E, and SS560AE with roll-up type signs or 0.100" and 0.080" aluminum type signs or 6.55mm Solid Plastic (ABS) substrate, or 2mm AL/LDPE (Alpolic, Reynolite and Dibond) laminated substrates. Minimum Mounting Height: 60" for diamond, 63" for rectangle. Model Numbers SS548, SS548A, SS548E, SS548AE, SS548C, SS548CE, SS548CA and S548CAE with roll-up type signs or 10mm corrugated plastic, or 2mm AL/LDPE (Alpolic, Reynolite and Dibond) laminated substrates. Minimum Mounting Height: 21". Model Numbers SS548UC, SS548UCA, SS548UCX and SS548UCAX with roll-up type signs or 2mm AL/LDPE (Alpolic, Reynolite and Dibond) laminated substrates. Model Numbers SS548UCR, SS548UCRA, SS560UCR, SS560UCRA, SS548UCRX, SS548UCRAX, SS560UCRX and SS560UCRAX with roll-up type sign only.</p> |
| <p style="text-align: center;">TRAFFIX DEVICES, INC.</p> | <p>Big Buster Dual Spring Folding Leg sign stand with roll-up, 0.080" aluminum or 2mm AL/LDPE (Alpolic, Reynolite and Dibond) aluminum laminated substrate, or 10mm Coreplast and Inteplast corrugated plastic sign substrate, Little Buster Dual Spring Folding Leg sign stand with roll-up, 0.080" aluminum mounted minimum 18 inches from bottom of sign, or 2mm AL/LDPE (Alpolic, Reynolite and Dibond) aluminum laminated substrate, or 10mm Coreplast and Inteplast corrugated plastic sign substrate, Econo Buster sign stands with roll-up or 2mm AL/LDPE sign.</p> |
| <p style="text-align: center;">SIGN UP CORPORATION</p> | <p>Model Numbers 1000X, 5000X, X-CELL, MS-2000xi, 27-SSX, 38-SSB, 48-SSB sign stands with roll-up type signs only.</p> |
| <p style="text-align: center;">RADIATOR SPECIALITY COMPANY</p> | <p>Model Numbers JL1000, JS3000, JS4000, JS4700 with roll-up signs only.</p> |

**PORTABLE SIGN SUPPORTS
(NCHRP 350 Approved)
(continued)**

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| PACIFIC SAFETY SUPPLY, INC. | Model Numbers PS-3330 and PS-3000-S sign stands with roll-up type signs. |
| LANG PRODUCTS INTERNATIONAL, INC. | Model Numbers Basic TM 48, Basic TM 48 stand w/SnapFlag TM Dual Warning Flag system, CrossWindTM 204-HD, CrossWindTM 204-HD w/SnapFlag Dual Warning Flag system, 404-HD2 and 405-HD2. All models are to use roll-up type signs. |
| FLEX-O-LITE SERVICES AND MATERIALS CO. | Model Numbers QLV-W, QFV60, QFV-W, QFV48 sign stands with roll-up type signs. |
| BONE SAFETY SIGNS | Model Numbers SZ-412, SZ-412/S, SZ-460, SZ-460/S, SZ-484, SZ-484/S sign stands with roll-up type signs. |

**TYPE III BARRICADES*
(NCHRP 350 Approved)**

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| BENT MANUFACTURING COMPANY | WZ-06 Approval Number |
| RECYCLED PLASTIC PRODUCTS | WZ-03 Approval Number |
| FLASHER HANDLING CORP. | WZ-12, WZ-40 Approval Number |
| CANTEL OF MEDFORD, INC. | WZ-31 Approval Number |
| DAVIDSON PLASTICS CORP. | WZ-39, WZ-63, WZ-179 Approval Number |
| EASTERN METAL/USA SIGNS. | WZ-59, WZ-103A Approval Number |
| PLASTIC SAFETY SYSTEMS, INC. | WZ-61, WZ-102, WZ-152, WZ-166, WZ-190, and WZ-196, WZ-233 Approval Number |
| AMERICAN FENCE & FAB, INC. | WZ-65 Approval Number |
| PROTECTION SERVICES, INC. | WZ-70 Approval Number |
| ST. LOUIS STEEL PRODUCTS | WZ-71 Approval Number |
| PLASTIC SAFETY SYSTEMS, INC. | WZ-72 Approval Number |
| BUNZL EXTRUSION TACOMA, INC. | WZ-77 Approval Number |

TYPE III BARRICADES*
(NCHRP 350 Approved
continued

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| THREE D TRAFFIC WORKS, INC. | WZ-82 Approval Number |
| TRAFFIC DEVICES, INC. | WZ-108 Approval Number |
| IMPACT RECOVERY SYSTEM, INC. | WZ-110 Approval Number |
| TRAFCON, INC. | Type III Barricade (WZ-116 Approval Number) |
| KORMAN SIGNS | WZ-100 through 100#7 Approval Number |
| PMG LOBO LIMITED | WZ-104 Approval Number |
| NES WORK SAFE | WZ-120 Approval Number |
| NES WORK SAFE | Type III Barricade (WZ-120 Approval Number) |
| XCESSORIES SQUARED | Type III Barricade (WZ-148 Approval Number) |
| UNITED RENTALS HIGHWAY TECHNOLOGIES | WZ-117, WZ-136 |
| DAVIDSON TRAFFIC CONTROL PRODUCTS | WZ-151 Approval Number |
| WESTERN HIGHWAY | WZ-155 Approval Number |
| TRAFFIC SAFETY SERVICES | WZ-197 AND 197#1 |

* Any Type III Barricade may have roll-up signs attached and still be in compliance with NCHRP 350 requirements. In addition, 10mm corrugated plastic or 2mm AL/LDPE (Alpolic, Reynolite and Dibond) laminated substitutes mounted a minimum of 87" to the top of the sign unless otherwise directed by the FHWA may be used and still be in compliance with NCHRP 350 requirements.

TRUCK MOUNTED ATTENUATORS *
(NCHRP 350 Approved)

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| ENERGY ABSORPTION | TL-3 ALPHA 100K TMA TL-3 SAFE STOP TMA |
| TRINITY INDUSTRIES SYRO STEEL | TL-3 MPS 350 TMA |
| IMPACT ABSORPTION | TL-3 VANDERBILT TMA |
| ALBERT UNRATH, INC. | TL-3 U-MAD 100K TMA |
| TRAFFIX DEVICES, INC. | TL-3 SCORPION C 10,000 TMA |
| RENCO, INC. | TL-3 RAM 100K TMA |

TRAILER MOUNTED ATTENUATORS *
(NCHRP 350 Approved)

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| ENERGY ABSORPTION SYSTEMS, INC. | TL-3 VORTEQ TMA |
| TRAFFIX DEVICES, INC. | TL-3 SCORPION TMA |
| U-MAD TRAILER | TL-2 & TL-3 BARRIER SYSTEMS |