

APPROVED PRODUCTS LIST  
FOR  
TRAFFIC CONTROL DEVICES  
IN  
WORK ZONES

NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM REPORT 350 STANDARDS &  
MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) STANDARDS

The Department pre-approves and lists all traffic control devices subject to impact by errant vehicles to be used on state construction and maintenance projects. These products must comply with the Federal Highway Administration's directive mandating that all such devices, used on the National Highway System, must be crash tested and meet all requirements and regulations stipulated by the 1993 National Cooperative Highway Research Program Report 350, "Recommended Procedures for the Safety Performance Evaluation of Highway Features" for devices manufactured prior to December 31, 2019. Devices manufactured on and after January 1, 2020 must be crash tested and meet all requirements and regulations stipulated by the Manual for Assessing Safety Hardware (MASH).

All traffic control devices are divided into four categories.

Category I Devices -- Category I includes small and lightweight channelizing and delineating devices. Formal and informal crash testing and years of experience have shown that an impact with these devices will cause very little change in the speed of the impacting vehicle and that the passenger compartment of the striking vehicle is unlikely to be penetrated by any part of these devices. Included in this category are single-piece plastic traffic cones, oversized cones, portable plastic drums, and temporary surface mounted delineator posts without attachments such as signs or warning lights.

Category II Devices -- Category II includes traffic control devices that are not expected to produce significant vehicular velocity changes to impacting vehicles. Also, acceptable devices in this category shall not be capable of penetrating the windshield or causing vehicular instability during a crash. Included in this category are Types I, II, and III barricades, vertical panels, portable sign supports with roll-up signs, and other traffic control devices with a mass of 45 kilograms (100 pounds) or less.

Category III Devices -- Category III includes traffic control devices that are expected to cause significant vehicular velocity changes to impacting vehicles. These devices have a mass greater than 45 kilograms (100 pounds). Included in this category are truck mounted attenuators, portable terminal impact attenuators, longitudinal barriers, fixed ground mounted sign assemblies, and other traffic control devices that do not meet the definitions of Category I or II.

Category IV Devices -- Category IV includes trailer mounted traffic control devices. Included in this category are advance warning arrow panels, changeable message signs, portable traffic signals, and portable lighting equipment. The FHWA and AASHTO are evaluating methods for making these devices crashworthy. The target date for requiring these devices to meet NCHRP Report 350 requirements has not been determined. No Category IV devices have been approved at this time.

Each traffic control device must be evaluated prior to inclusion on the approved products list. The evaluation process requires the manufacturer or vendor to submit product specifications and a product brochure for each traffic control device to be considered. Also, the manufacturer must submit a self-certification letter certifying the device meets the requirements of MASH for each of those devices included in Category I and a copy of the FHWA acceptance letter for those devices included in Categories II, III, and IV. Acceptance by the FHWA does not guarantee inclusion on this approved products list. The SCDOT reserves the right, as granted by the July 25, 1997 FHWA memorandum, "Action: Identifying Acceptable Highway Safety Features", to reject a product or place limitations on its use, require additional testing, or require in-service evaluation.

The "CONSUMER" column indicates the acceptable market for each device. "SCDOT" indicates the device may only be utilized by SCDOT forces. "CONTRACT" indicates the device may only be utilized by forces contracted to conduct work on behalf of the SCDOT. "ALL" indicates the device may be utilized by SCDOT and contractor forces.

Contact information for each manufacturer is provided at the end of this document. Additional information is available from Will McConnell in Traffic Engineering.

## APPROVED WORK ZONE TRAFFIC CONTROL DEVICES

## CATEGORY I

## CONES

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 603

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TC2-28PO64 WORK AREA TRAFFIC CONE BLACK BASE"	28" FLUORESCENT ORANGE TWO PIECE CONE CONSISTING OF POLYVINYL CHLORIDE (PVC) PLASTIC BODY AND 7 LB. BLACK INTERLOCKING RUBBER BASE	EASTERN METAL SIGNS & SAFET	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) MASH SELF-CERTIFICATION, (26-MAY-2023)
"TC2-28POH64 WORK AREA TRAFFIC CONE BLACK BASE"	28" FLUORESCENT ORANGE TWO PIECE CONE CONSISTING OF POLYVINYL CHLORIDE (PVC) PLASTIC BODY AND 10 LB. BLACK INTERLOCKING RUBBER BASE	EASTERN METAL SIGNS & SAFET	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) MASH SELF-CERTIFICATION, (26-MAY-2023)
"TC2-36PO64 WORK AREA TRAFFIC CONE BLACK BASE"	36" FLUORESCENT ORANGE TWO PIECE CONE CONSISTING OF POLYVINYL CHLORIDE (PVC) PLASTIC BODY AND 10 LB. BLACK INTERLOCKING RUBBER BASE	EASTERN METAL SIGNS & SAFET	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) MASH SELF-CERTIFICATION, (26-MAY-2023)
"TC2-36POH64 WORK AREA TRAFFIC CONE BLACK BASE"	36" FLUORESCENT ORANGE TWO PIECE CONE CONSISTING OF POLYVINYL CHLORIDE (PVC) PLASTIC BODY AND 12 LB. BLACK INTERLOCKING RUBBER BASE	EASTERN METAL SIGNS & SAFET	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) MASH SELF-CERTIFICATION, (26-MAY-2023)
"MODEL RC90045C" SINGLE PIECE TRAFFIC CONE	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH ORANGE BASE (10 LB.)	JBC SAFETY PLASTIC, INC.	CONTRACT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (19-JUL-02)
"MODEL RC70032C" WIDE BODY SINGLE PIECE TRAFFIC CONE  (For Retroreflective Collars – see Model RC70032C3M64)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH ORANGE BASE (7 LB.)	JBC SAFETY PLASTIC, INC.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (22-MAY-06)

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(Category I Continued)  
**CONES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MODEL RS70032C" WIDE BODY SINGLE PIECE TRAFFIC CONE  (For Retroreflective Collars – see Model RS70032C3M64)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (7 LB.)	JBC SAFETY PLASTIC, INC.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (13-JUN-06)
"MODEL RC70032CT" WIDE BODY SINGLE PIECE TRAFFIC CONE  (For Retroreflective Collars – see Model RC70032CT3M64)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH ORANGE BASE (7 LB.)	JBC SAFETY PLASTIC, INC.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (22-MAY-06)
"MODEL RS70032CT" WIDE BODY SINGLE PIECE TRAFFIC CONE  (For Retroreflective Collars – see Model RS70032CT3M64)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (7 LB.)	JBC SAFETY PLASTIC, INC.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (13-JUN-06)
"MODEL RC70032S" SLIM LINE SINGLE PIECE TRAFFIC CONE  (For Retroreflective Collars – see Model RC70032S3M64)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH ORANGE BASE (7 LB.)	JBC SAFETY PLASTIC, INC.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (22-MAY-06)
"MODEL RS70032S" SLIM LINE SINGLE PIECE TRAFFIC CONE  (For Retroreflective Collars – see Model RS70032S3M64)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (7 LB.)	JBC SAFETY PLASTIC, INC.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (13-JUN-06)
"MODEL RC70045C" WIDE BODY SINGLE PIECE TRAFFIC CONE  (For Retroreflective Collars – see Model RC70045C3M64)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH ORANGE BASE (10 LB.)	JBC SAFETY PLASTIC, INC.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (22-MAY-06)

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(Category I Continued)  
**CONES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MODEL RS70045C" WIDE BODY SINGLE PIECE TRAFFIC CONE  (For Retroreflective Collars – see Model RS70045C3M64)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (10 LB.)	JBC SAFETY PLASTIC, INC.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (13-JUN-06)
"MODEL RC70045S" SLIM LINE SINGLE PIECE TRAFFIC CONE  (For Retroreflective Collars – see Model RC70045S3M64)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH ORANGE BASE (10 LB.)	JBC SAFETY PLASTIC, INC.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (22-MAY-06)
"MODEL RS70045S" SLIM LINE SINGLE PIECE TRAFFIC CONE  (For Retroreflective Collars – see Model RS70045S3M64)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (10 LB.)	JBC SAFETY PLASTIC, INC.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (13-JUN-06)
"MODEL RC90045C" WIDE BODY SINGLE PIECE TRAFFIC CONE  (For Retroreflective Collars – see Model RC90045C3M64)	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH ORANGE BASE (10 LB.)	JBC SAFETY PLASTIC, INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (22-MAY-06)
"MODEL RS90045C" SINGLE PIECE TRAFFIC CONE  (For Retroreflective Collars – see Model RS90045CT3M64)	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (10 LB.)	JBC SAFETY PLASTIC, INC.	CONTRACT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (13-JUN-06)
"MODEL RC90055CT3M64" WIDE BODY SINGLE PIECE TRAFFIC CONE	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH ORANGE BASE (12 LB.) WITH RETROREFLECTIVE COLLARS	JBC SAFETY PLASTIC, INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (22-MAY-06)

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(Category I Continued)  
**CONES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MODEL RS90055CT3M64" WIDE BODY SINGLE PIECE TRAFFIC CONE	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (12 LB.) WITH RETROREFLECTIVE COLLARS	JBC SAFETY PLASTIC, INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (13-JUN-06)
"MODEL 16414" WIDE BODY TWO PIECE DW SERIES TRAFFIC CONE  (For Retroreflective Collars – see Model Nos. 16536 or 16519)	28" RED/ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (7 LBS.)	KIMBERLY-CLARK PROFESSIONAL.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (17-MAR-12)
"MODEL 16490" WIDE BODY TWO PIECE DW SERIES TRAFFIC CONE  (For Retroreflective Collars – see Model Nos. 16557 or 17847)	28" RED/ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (10 LBS.)	KIMBERLY-CLARK PROFESSIONAL.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (17-MAR-12)
"MODEL 16480" WIDE BODY TWO PIECE DW SERIES TRAFFIC CONE  (For Retroreflective Collars – see Model Nos. 16532 or 17336)	36" RED/ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (10 LBS.)	KIMBERLY-CLARK PROFESSIONAL.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (17-MAR-12)
"MODEL 16528" WIDE BODY TWO PIECE DW SERIES TRAFFIC CONE  (For Retroreflective Collars – see Model No. 17850)	36" RED/ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (12 LBS.)	KIMBERLY-CLARK PROFESSIONAL.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (17-MAR-12)
"MODEL 16479" WIDE BODY ONE PIECE W SERIES TRAFFIC CONE  (For Retroreflective Collars – see Model Nos. 16549 or 16538)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BASE (6.5 LBS.)	KIMBERLY-CLARK PROFESSIONAL.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (17-MAR-12)

(Category I Continued)  
CONES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MODEL 16496" WIDE BODY ONE PIECE W SERIES TRAFFIC CONE  (For Retroreflective Collars – see Model Nos. 16498 or 17418)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BASE (7 LBS.)	KIMBERLY-CLARK PROFESSIONAL.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (17-MAR-12)
"MODEL 16487" WIDE BODY ONE PIECE W SERIES TRAFFIC CONE  (For Retroreflective Collars – see Model Nos. 16560 or 16559)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BASE (10 LBS.)	KIMBERLY-CLARK PROFESSIONAL.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (17-MAR-12)
"MODEL 16484" WIDE BODY ONE PIECE W SERIES TRAFFIC CONE  (For Retroreflective Collars – see Model Nos. 16566 or 17851)	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BASE (10 LBS.)	KIMBERLY-CLARK PROFESSIONAL.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (17-MAR-12)
"MODEL 16569" WIDE BODY ONE PIECE W SERIES TRAFFIC CONE  (For Retroreflective Collars – see Model Nos. 16571 or 16570)	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BASE (12 LBS.)	KIMBERLY-CLARK PROFESSIONAL.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (17-MAR-12)
"MODEL 2815-10" SINGLE PIECE TRAFFIC CONE	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BASE (10 LBS.)	LAKESIDE PLASTICS	SCDOT	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION, (15-APR-23)
"MODEL 2825-10" SINGLE PIECE TRAFFIC CONE	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BASE (10 LBS.)	LAKESIDE PLASTICS	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (27-FEB-12)
"MODEL 2850-7" SINGLE PIECE TRAFFIC CONE	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BASE (7 LBS.)	LAKESIDE PLASTICS	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (27-FEB-12)

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(Category I Continued)  
CONES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MODEL 2880-10" SINGLE PIECE TRAFFIC CONE	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BASE (10 LBS.)	LAKESIDE PLASTICS	SCDOT	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION, (15-APR-23)
"MODEL 3650-8" SINGLE PIECE TRAFFIC CONE	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (8 LB.)	LAKESIDE PLASTICS, INC.	CONTRACT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (25-APR-01)
"MODEL 3650-10" SINGLE PIECE TRAFFIC CONE	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (10 LB.)	LAKESIDE PLASTICS, INC.	CONTRACT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (25-APR-01)
"MODEL 3650-12" SINGLE PIECE TRAFFIC CONE	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE (12 LB.)	LAKESIDE PLASTICS, INC.	CONTRACT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (25-APR-01)
"MODEL 3680-10" SINGLE PIECE TRAFFIC CONE	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BASE (10 LBS.)	LAKESIDE PLASTICS	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION, (15-APR-23)
"MODEL 3680-12" SINGLE PIECE TRAFFIC CONE	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BASE (12 LBS.)	LAKESIDE PLASTICS	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION, (15-APR-23)
"MODEL SC-28-7" SINGLE PIECE WIDE BODY TRAFFIC CONE	7 LB. - 28" RED/ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH ORANGE BASE	LAKESIDE PLASTICS, INC.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (11-JUL-11)
"MODEL SC-28-10" SINGLE PIECE WIDE BODY TRAFFIC CONE	10 LB. - 28" RED/ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH ORANGE BASE	LAKESIDE PLASTICS, INC.	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (11-JUL-11)
"MODEL SC-36-8" SINGLE PIECE WIDE BODY TRAFFIC CONE	8 LB. - 36" RED/ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH ORANGE BASE	LAKESIDE PLASTICS, INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (11-JUL-11)

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(Category I Continued)  
CONES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MODEL SC-36-10" SINGLE PIECE WIDE BODY TRAFFIC CONE	10 LB. - 36" RED/ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH ORANGE BASE	LAKESIDE PLASTICS, INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (11-JUL-11)
"MODEL SC-36-12" SINGLE PIECE WIDE BODY TRAFFIC CONE	12 LB. - 36" RED/ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH ORANGE BASE	LAKESIDE PLASTICS, INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (11-JUL-11)
"OG287064B"	28" WIDE BODY FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) WITH BLACK BASE AND TWO HIGH INTENSITY PRISMATIC COLLARS (7 LB.)	ORANGEGEAR, INC.	SCDOT	APPROVED MASH, (28-AUG-98), (WZ-3) SELF-CERTIFICATION
"OG2810064B"	28" WIDE BODY FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) WITH BLACK BASE AND TWO HIGH INTENSITY PRISMATIC COLLARS (10 LB.)	ORANGEGEAR, INC.	SCDOT	APPROVED MASH, (28-AUG-98), (WZ-3) SELF-CERTIFICATION
"OG3610064B"	36" WIDE BODY FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) WITH BLACK BASE AND TWO HIGH INTENSITY PRISMATIC COLLARS (10 LB.)	ORANGEGEAR, INC.	ALL	APPROVED MASH, (28-AUG-98), (WZ-3) SELF-CERTIFICATION
"OG3612064B-NS"	36" WIDE BODY FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) WITH BLACK BASE AND TWO HIGH INTENSITY PRISMATIC COLLARS (12 LB.)	ORANGEGEAR, INC.	ALL	APPROVED MASH, (28-AUG-98), (WZ-3) SELF-CERTIFICATION
28" TRAFFIC CONE	7 LB. - 28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE	PLASTICADE	SCDOT	SELF-CERTIFICATION - MASH, (01-MAR-22)
28" TRAFFIC CONE	10 LB. - 28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE	PLASTICADE	SCDOT	SELF-CERTIFICATION - MASH, (01-MAR-22)

(Category I Continued)  
CONES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
36" TRAFFIC CONE	10 LB. - 36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE	PLASTICADE	ALL	SELF-CERTIFICATION - MASH, (01-MAR-22)
36" TRAFFIC CONE	12 LB. - 36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BLACK BASE	PLASTICADE	ALL	SELF-CERTIFICATION - MASH, (01-MAR-22)
22538	28" WIDE BODY FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) WITH BLACK BASE AND TWO HIGH INTENSITY PRISMATIC COLLARS (7 LB.)	POWERPAK CIVIL AND SAFETY LLC	SCDOT	APPROVED MASH, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (1-JAN-25)
22568	28" WIDE BODY FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) WITH BLACK BASE AND TWO HIGH INTENSITY PRISMATIC COLLARS (10 LB.)	POWERPAK CIVIL AND SAFETY LLC	SCDOT	APPROVED MASH, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (1-JAN-25)
22569	36" WIDE BODY FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) WITH BLACK BASE AND TWO HIGH INTENSITY PRISMATIC COLLARS (10 LB.)	POWERPAK CIVIL AND SAFETY LLC	ALL	APPROVED MASH, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (1-JAN-25)
22604	36" WIDE BODY FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) WITH BLACK BASE AND TWO HIGH INTENSITY PRISMATIC COLLARS (12 LB.)	POWERPAK CIVIL AND SAFETY LLC	ALL	APPROVED MASH, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (1-JAN-25)
"MODEL SAS 7501-28" SINGLE PIECE TRAFFIC CONE	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BASE	SAS SAFETY CORPORATION	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (17-NOV-15)
"MODEL SAS 7501-36" SINGLE PIECE TRAFFIC CONE	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) PLASTIC WITH BASE	SAS SAFETY CORPORATION	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (17-NOV-15)

(Category I Continued)  
CONES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"UAT SERIES" 28 in. x 7 lb. CONE (For Retroreflective Collars – see Models CWOR28-07 or CW3M28-07)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) INJECTED TRAFFIC CONE WITH 100% RECYCLED BLACK BASE (7 LB.)	TAROKO INTERNATIONAL  Distributed by UAT, LLC	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (01-JAN-17)
"UAT SERIES" 28 in. x 10 lb. CONE (For Retroreflective Collars – see Models CWOR28-10 or CW3M28-10)	28" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) INJECTED TRAFFIC CONE WITH 100% RECYCLED BLACK BASE (10 LB.)	TAROKO INTERNATIONAL  Distributed by UAT, LLC	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (01-JAN-17)
"UAT SERIES" 36 in. x 10 lb. CONE (For Retroreflective Collars – see Models CWOR36-10 or CW3M36-10)	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) INJECTED TRAFFIC CONE WITH 100% RECYCLED BLACK BASE (10 LB.)	TAROKO INTERNATIONAL  Distributed by UAT, LLC	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (01-JAN-17)
"UAT SERIES" 36 in. x 12 lb. CONE (For Retroreflective Collars – see Models CWOR36-12 or CW3M36-12)	36" FLUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) INJECTED TRAFFIC CONE WITH 100% RECYCLED BLACK BASE (12 LB.)	TAROKO INTERNATIONAL  Distributed by UAT, LLC	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (01-JAN-17)
"UAT NEXT GENERATION TRAFFIC CONE NG3M28-07"	28" FLOURESCENT ORANGE POLYVINYL CHLORIDE (PVC) COMPOUND, 3M COLLARED WITH BLACK BASE (7 LBS.)	TAROKO INTERNATIONAL  Distributed by UAT, LLC	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (25-SEP-17) SCDOT ACCEPTANCE, (01-FEB-18)
"UAT NEXT GENERATION TRAFFIC CONE NG3M28-10"	28" FLOURESCENT ORANGE POLYVINYL CHLORIDE (PVC) COMPOUND, 3M COLLARED WITH BLACK BASE (10 LBS.)	TAROKO INTERNATIONAL  Distributed by UAT, LLC	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (25-SEP-17) SCDOT ACCEPTANCE, (01-FEB-18)

August 1, 2025

(Category I Continued)  
**CONES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"UAT NEXT GENERATION TRAFFIC CONE NG3M36-10"	36" FLOURESCENT ORANGE POLYVINYL CHLORIDE (PVC) COMPOUND, 3M COLLARED WITH BLACK BASE (10 LBS.)	TAROKO INTERNATIONAL  Distributed by UAT, LLC	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3)  SELF-CERTIFICATION, (25-SEP-17)  SCDOT ACCEPTANCE, (01-FEB-18)
"UAT NEXT GENERATION TRAFFIC CONE NG3M36-12"	36" FLOURESCENT ORANGE POLYVINYL CHLORIDE (PVC) COMPOUND, 3M COLLARED WITH BLACK BASE (12 LBS.)	TAROKO INTERNATIONAL  Distributed by UAT, LLC	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3)  SELF-CERTIFICATION, (25-SEP-17)  SCDOT ACCEPTANCE, (01-FEB-18)
"CB28OR07M3" 28" HD SERIES – 7 LBS	28" (7 LB.) FLOURESCENT ORANGE POLYVINYL CHLORIDE (PVC), WIDE BODY DESIGN, 3M COLLARED WITH BLACK BASE	TEG SAFETY	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3)  SELF-CERTIFICATION, (01-FEB-23)
"CB28OR10M3" 28" HD SERIES – 10 LBS	28" (10 LB.) FLOURESCENT ORANGE POLYVINYL CHLORIDE (PVC), WIDE BODY DESIGN, 3M COLLARED WITH BLACK BASE	TEG SAFETY	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3)  SELF-CERTIFICATION, (01-FEB-23)
"CB36OR10M3" 36" HD SERIES – 10 LBS	36" (10 LB.) FLOURESCENT ORANGE POLYVINYL CHLORIDE (PVC), WIDE BODY DESIGN, 3M COLLARED WITH BLACK BASE	TEG SAFETY	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3)  SELF-CERTIFICATION, (01-FEB-23)
"28 PVCS" SINGLE PIECE TRAFFIC CONE	28" (7 LB.) FUORESCENT ORANGE POLYVINYL CHLORIDE (PVC) WIDE BODY DESIGN WITH ORANGE BASE	WORK AREA PROTECTION CORPORATION	SCDOT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3)  SELF-CERTIFICATION, (18-NOV-02)
"36 PVCS" SINGLE PIECE TRAFFIC CONE	36" (10 LB.) RED/ORANGE POLYVINYL CHLORIDE (PVC) WIDE BODY DESIGN WITH ORANGE BASE	WORK AREA PROTECTION CORPORATION	CONTRACT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3)  SELF-CERTIFICATION, (18-JAN-99)

August 1, 2025

(Category I Continued)  
**CONES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"36" PVCH" SINGLE PIECE TRAFFIC CONE	36" (12 LB.) RED/ORANGE POLYVINYL CHLORIDE (PVC) WIDE BODY DESIGN WITH ORANGE BASE	WORK AREA PROTECTION CORPORATION	CONTRACT	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (18-JAN-99)
"OTC36-64" TRAFFIC CONE	36" (10 LB.) FLOURESCENT ORANGE POLYVINYL CHLORIDE (PVC), WIDE BODY DESIGN WITH REFLECTIVE COLLARED AND BLACK BASE	X POSE™ SAFETY	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (03-JUL-23)
"OTC36-64-12L" TRAFFIC CONE	36" (12 LB.) FLOURESCENT ORANGE POLYVINYL CHLORIDE (PVC), WIDE BODY DESIGN WITH REFLECTIVE COLLARED AND BLACK BASE	X POSE™ SAFETY	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (03-JUL-23)

(Category I Continued)  
**OVERSIZED CONES**

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 603

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"T-TOP STACKABLE CHANNELIZER" (OVERSIZED TRAFFIC CONE)	42" HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	BENT MANUFACTURING COMPANY	ALL	APPROVED NCHRP REPORT 350, (23-NOV-98), (WZ-6) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (23-NOV-98)
"TDS42 TEAR DROP STACKABLE CHANNELIZER" (OVERSIZED TRAFFIC CONE)	42" LOW OR HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	BENT MANUFACTURING COMPANY	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (28-DEC-09)
"GRIP N GO TRAILBLAZER CHANNELIZER" (OVERSIZED TRAFFIC CONE) MFR NO. 03-750-6HI	42" HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	CORTINA SAFETY PRODUCTS GROUP	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (31 DEC-14)
"RT-7000 SERIES" (OVERSIZED TRAFFIC CONE)	42" POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	EASTERN METAL / USA SIGN	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (19-APR-06)

(Category I Continued)  
**OVERSIZED CONES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
42" RING TOP STACKING CONE	42" HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH DIAMOND GRADE OR HIGH INTENSITY BANDS, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	EASTERN METAL SIGNS & SAFETY	ALL	APPROVED MASH, (22-NOV-2016), (WZ-347) SELF-CERTIFICATION, (21-JUL-2023)
"HIGHWAY TECH 42" TRIMLINE CHANNELIZER" (OVERSIZED TRAFFIC CONE)	42" LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE 16 POUND OR 30 POUND BASE	KIMBERLY-CLARK PROFESSIONAL.	ALL	APPROVED NCHRP REPORT 350, (23-NOV-98), (WZ-6) SELF-CERTIFICATION, (16-AUG-04)
"GRIP AND GO CHANNELIZER" (OVERSIZED TRAFFIC CONE)	42" LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	KIMBERLY-CLARK PROFESSIONAL.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (12-FEB-09)
"THE DIVERTOR" (OVERSIZED TRAFFIC CONE)	42" LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	LAKESIDE PLASTICS, INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (19-DEC-01)
"42" CHANNELIZER CONE" (OVERSIZED TRAFFIC CONE)	42" LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	LAKESIDE PLASTICS, INC.	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION, (26-SEP-12)

(Category I Continued)  
**OVERSIZED CONES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"NAVIGATOR CHANNELIZER" (OVERSIZED TRAFFIC CONE)	42" LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	PLASTIC SAFETY SYSTEMS	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (06-OCT-98)
"42" NAVICADE" (OVERSIZED TRAFFIC CONE)	42" HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	PLASTICADE PRODUCTS	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (03-MAR-09)
"42" CHANNELIZER" (OVERSIZED TRAFFIC CONE)	42" LINEAR LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	PROTECTION SERVICES, INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (02-JUN-03)
"RINGTOP TD7300 SERIES" (OVERSIZED TRAFFIC CONE)	42" HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	THREE D TRAFFIC WORKS, INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (24-APR-02)

(Category I Continued)

**OVERSIZED CONES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"RINGTOP TD7500 SERIES" (OVERSIZED TRAFFIC CONE)	42" LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	THREE D TRAFFIC WORKS, INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (18-JAN-07)
"THE GRABBER" (OVERSIZED TRAFFIC CONE)	42" LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	TRAFFIX DEVICES, INC.	ALL	APPROVED NCHRP REPORT 350, (28-DEC-99), (WZ-24) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (28-DEC-99)
"THE LOOPER" (OVERSIZED TRAFFIC CONE)	42" LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	TRAFFIX DEVICES, INC.	ALL	APPROVED NCHRP REPORT 350, (08-FEB-05), (WZ-189) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (DATE OF RECEIPT - 12-MAR-15)
"THE TRAFFIC LOGIX CHANNELIZER" (OVERSIZED TRAFFIC CONE)	42" LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	TRAFFIC LOGIX INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (01-JUL-04)
"NEXT GENERATION" CHANNELIZER WITH GORILLA GRIP TOP	42" LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	UAT	ALL	SELF-CERTIFICATION, (29-APR-19)

(Category I Continued)

**PORTABLE PLASTIC DRUMS**

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 603

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"42" CHANNELIZER" (OVERSIZED TRAFFIC CONE)	42" LINEAR LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	WORK AREA PROTECTION CORPORATION	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (02-JUN-03)
"TRAILBOSS" MODEL 1600 PORTABLE PLASTIC DRUM	SINGLE PIECE LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	KIMBERLY-CLARK PROFESSIONAL.	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (12-MAR-04)
"TRAILBOSS" MODEL 1610 PORTABLE PLASTIC DRUM	SINGLE PIECE HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	KIMBERLY-CLARK PROFESSIONAL.	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (12-MAR-04)
"SUPERDOME" PORTABLE PLASTIC DRUM	SINGLE PIECE HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	BENT MANUFACTURING COMPANY	ALL	APPROVED NCHRP REPORT 350, (23-NOV-98), (WZ-6) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (23-NOV-98)

(Category I Continued)

**PORTABLE PLASTIC DRUMS (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SUPERDOME TIRE RING" PORTABLE PLASTIC DRUM	SINGLE PIECE LOW OR HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND TIRE RING BALLAST BASE	BENT MANUFACTURING COMPANY	ALL	APPROVED NCHRP REPORT 350, (23-NOV-98), (WZ-6) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (23-NOV-98)
"SUPERDOME" PORTABLE PLASTIC DRUM	SINGLE PIECE LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	BENT MANUFACTURING COMPANY	ALL	APPROVED NCHRP REPORT 350, (23-NOV-98), (WZ-6) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (23-NOV-98)
"CHANNELIZER DRUM" PORTABLE PLASTIC DRUM MFR NO. 03-780-6HI	HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	CORTINA SAFETY PRODUCTS GROUP	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (12-DEC-14)
"ROADMAX 9100 TRAFFIC DRUM"	POLYETHYLENE PLASTIC WITH TWO 6" ORANGE HIGH INTENSITY GRADE BANDS AND TWO WHITE HIGH INTENSITY GRADE BANDS.	EASTERN METAL SIGN AND SAFETY	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (06-FEB-23)
"HIGHWAY TECH CHANNELIZING DRUM" PORTABLE PLASTIC DRUM MODEL HTHD-6HI	SINGLE PIECE HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	KIMBERLY-CLARK PROFESSIONAL.	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (20-JUN-02)

(Category I Continued)

**PORTABLE PLASTIC DRUMS (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"HIGHWAY TECH CHANNELIZING DRUM" PORTABLE PLASTIC DRUM MODEL HTLD-6HI	SINGLE PIECE LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	KIMBERLY-CLARK PROFESSIONAL.	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (20-JUN-02)
"THE DIRECTOR" PORTABLE PLASTIC DRUM	SINGLE PIECE LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	LAKESIDE PLASTICS, INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (12-19-02)
"SC-HD-46HIP" PORTABLE PLASTIC DRUM	POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	LAKESIDE PLASTICS, INC.	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION, (26-SEP-12)
"LIFEGARD" PORTABLE PLASTIC DRUM	SINGLE PIECE HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	PLASTIC SAFETY SYSTEMS, INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (06-OCT-98)

(Category I Continued)

**PORTABLE PLASTIC DRUMS (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"LIFEGARD II" PORTABLE PLASTIC DRUM	SINGLE PIECE HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	PLASTIC SAFETY SYSTEMS, INC.	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION, (17-JUN-02)
"COMMANDER DRUM"	SINGLE PIECE LOW DENSITY OR HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	PLASTICADE	ALL	SELF-CERTIFICATION - MASH, (08-JAN-21)
"ECONOCADE" PORTABLE PLASTIC DRUM	SINGLE PIECE HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH HIGH INTENSITY PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	PLASTICADE PRODUCTS	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (19-MAY-09)
"ECONOCADE II" PORTABLE PLASTIC DRUM	SINGLE PIECE LOW DENSITY OR HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	PLASTICADE PRODUCTS	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION, (06-OCT-10)

(Category I Continued)

**PORTABLE PLASTIC DRUMS (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"RHINO CHANNELIZER DRUM" PORTABLE PLASTIC DRUM	SINGLE PIECE HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	PLASTICADE PRODUCTS	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (13-MAR-02)
"MODEL 1510 CHANNELIZER" PORTABLE PLASTIC DRUM	SINGLE PIECE HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	KIMBERLY-CLARK PROFESSIONAL.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (03-APR-00)
"MODEL 1500 CHANNELIZER" PORTABLE PLASTIC DRUM	SINGLE PIECE LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	KIMBERLY-CLARK PROFESSIONAL.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (03-APR-00)
"THE TRAFFIC LOGIX CHANNELIZING DRUM" HDPE PORTABLE PLASTIC DRUM	SINGLE PIECE HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	TRAFFIC LOGIX INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (17-MAR-04)

(Category I Continued)

**PORTABLE PLASTIC DRUMS (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"THE TRAFFIC LOGIX CHANNELIZING DRUM" LDPE PORTABLE PLASTIC DRUM	SINGLE PIECE LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	TRAFFIC LOGIX INC.	ALL	APPROVED NCHRP REPORT 350, (28-AUG-98), (WZ-3) SELF-CERTIFICATION, (17-MAR-04)
"TRAFFIX GENERATION IV - MODEL #18000" PORTABLE PLASTIC DRUM	SINGLE PIECE HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	TRAFFIX DEVICES, INC.	ALL	APPROVED NCHRP REPORT 350, (28-DEC-99), (WZ-24) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (28-DEC-99)
"TRAFFIX GENERATION IV - MODEL #18000" PORTABLE PLASTIC DRUM	SINGLE PIECE LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	TRAFFIX DEVICES, INC.	ALL	APPROVED NCHRP REPORT 350, (28-DEC-99), (WZ-24) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (28-DEC-99)
"TRAFFIX TIRE RING" PORTABLE PLASTIC DRUM	SINGLE PIECE HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	TRAFFIX DEVICES, INC.	ALL	APPROVED NCHRP REPORT 350, (28-DEC-99), (WZ-24) SELF-CERTIFICATION PER FHWA APPROVAL LETTER, (28-DEC-99)

(Category I Continued)

**PORTABLE PLASTIC DRUMS (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"B 200" PORTABLE PLASTIC DRUM	SINGLE PIECE HIGH DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	WORK AREA PROTECTION CORPORATION	ALL	APPROVED NCHRP REPORT 350, (29-DEC-99), (WZ-26) SELF-CERTIFICATION, (18-JAN-99)
"B 400" PORTABLE PLASTIC DRUM	SINGLE PIECE LOW DENSITY POLYETHYLENE PLASTIC REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE, AND SEPARATE BASE	WORK AREA PROTECTION CORPORATION	ALL	APPROVED NCHRP REPORT 350, (29-DEC-99), (WZ-26) SELF-CERTIFICATION, (18-JAN-99)
"B 400A" PORTABLE PLASTIC DRUM	TWO PIECE LOW DENSITY POLYETHYLENE PLASTIC DRUM WITH A MAIN DRUM BODY AND A SEPARATE BASE REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE. THIS DRUM MAY ALSO UTILIZE A 25, 35 OR 40 LBS. RUBBER BASE.	WORK AREA PROTECTION CORPORATION	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION, (03-AUG-10)
"B 500 LC" PORTABLE PLASTIC DRUM	TWO PIECE POLYETHYLENE PLASTIC DRUM WITH A MAIN DRUM BODY AND A SEPARATE BASE REFLECTORIZED WITH TYPE III FLEXIBLE PRISMATIC RETROREFLECTIVE SHEETING, TWO ORANGE AND TWO WHITE ALTERNATING STRIPES 6" WIDE. THIS DRUM MAY ALSO BE SUPPLEMENTED WITH A 25 OR 40 LBS. RUBBER TIRE RING BASE.	WORK AREA PROTECTION CORPORATION	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54) SELF-CERTIFICATION, (28-JUN-10)

August 1, 2025

(Category I Continued)

**FLEXIBLE DELINEATOR POSTS**

**--SCDOT--**

SEE "QUALIFIED PRODUCTS POLICY FOR FLEXIBLE DELINEATOR POSTS", LATEST EDITION

FOR PRODUCT LISTING, SEE QUALIFIED PRODUCTS LISTING 50, AVAILABLE FROM THE RESEARCH AND MATERIALS ENGINEER

(Category I Continued)

**TEMPORARY SURFACE MOUNTED FLEXIBLE DELINEATOR POSTS**

**--ALL--**

SEE "QUALIFIED PRODUCTS POLICY FOR FLEXIBLE DELINEATOR POSTS", LATEST EDITION

FOR PRODUCT LISTING, SEE QUALIFIED PRODUCT LISTING 50, AVAILABLE FROM THE RESEARCH AND MATERIALS ENGINEER

**--CONTRACT--**

RESTRICTIONS -

*FOR WORK ZONES, ALL FLEXIBLE DELINEATOR POSTS SHALL BE SURFACE MOUNTED. THE COLOR OF THE POSTS AND THE REFLECTIVE SHEETING SHALL BE THE SAME AS THE COLOR OF THE ADJACENT EDGE LINE OR CENTER LINE.*

## APPROVED WORK ZONE TRAFFIC CONTROL DEVICES

### CATEGORY II

#### iCONE

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
ICONE INTELLIGENT TRAFFIC BEACON	PORTABLE PLASTIC DRUM WITH A 50 POUND SAND FILLED BASE AND INTELLIGENT TRANSPORTATION SYSTEM HARDWARE FOR MONITORING TRAFFIC CONDITIONS IN WORK ZONES	TELEMATICS SERVICES LLC TRAFFIX DEVICES	ALL	APPROVED NCHRP REPORT 350 DESIGN, (08-MAY-08), (WZ-272)

(Category II Continued)

**TYPE II BARRICADES**

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 604

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
TYPE II PLYWOOD PANEL BARRICADE WITH TWO 8" PANELS	<p>3' BARRICADE WITH PLYWOOD PANELS, 1/2" X 8" X 36" ON TOP AND BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON PAINTED OR GALVANIZED 45° 12 OR 14 GAUGE STEEL ANGLE IRON OR STEEL ROLL FORMED LEGS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATON OF THIS BARRICADE.</p>	<p>BENT MANUFACTURING COMPANY B. C. CANNON COMPANY, INC. SCDOT GUARDWAY CORPORATION STAY ALERT SAFETY SERVICES, INC.</p>	ALL	<p>APPROVED NCHRP REPORT 350, (23-NOV-98), (WZ-6) <u>TRI-STATE TRAFFIC SAFETY, INC.</u> -- APPROVED NCHRP REPORT 350 PER FHWA APPROVAL (23-NOV-98) OF DESIGN BY BENT MANUFACTURING COMPANY, (02-MAY-00) <u>B. C. CANNON COMPANY, INC.</u> -- APPROVED NCHRP REPORT 350 PER FHWA APPROVAL (23-NOV-98) OF DESIGN BY BENT MANUFACTURING COMPANY, (15-MAY-00) <u>SCDOT</u> -- APPROVED NCHRP REPORT 350 PER FHWA APPROVAL (23-NOV-98) OF DESIGN BY BENT MANUFACTURING COMPANY, (13-MAY-02) <u>GUARDWAY CORPORATION</u> -- APPROVED NCHRP REPORT 350 PER FHWA APPROVAL (23-NOV-98) OF DESIGN BY BENT MANUFACTURING COMPANY, (02-MAR-04) <u>STAY ALERT SAFETY SERVICES, INC.</u> -- APPROVED NCHRP REPORT 350 PER FHWA APPROVAL (23-NOV-98) OF DESIGN BY BENT MANUFACTURING COMPANY PURCHASE FROM GUARDWAY CORPORATION, (04-MAR-04)</p>

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
TYPE II PLYWOOD PANEL BARRICADE WITH A 12/8 PANEL DESIGN	<p>3' BARRICADE WITH PLYWOOD PANELS, 1/2" X 12" X 36" ON TOP AND 1/2" X 8" X 36" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON PAINTED OR GALVANIZED 45" 12 OR 14 GAUGE STEEL ANGLE IRON OR STEEL ROLL FORMED LEGS</p> <p><b>SPECIAL NOTE 1 for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2 for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	<p>BENT MANUFACTURING COMPANY B. C. CANNON COMPANY, INC. SCDOT</p>	ALL	<p>APPROVED NCHRP REPORT 350, (23-NOV-98), (WZ-6)</p> <p><i>TRI-STATE TRAFFIC SAFETY, INC.</i> -- APPROVED NCHRP REPORT 350 PER FHWA APPROVAL (23-NOV-98) OF DESIGN BY BENT MANUFACTURING COMPANY, (02-MAY-00)</p> <p><i>B. C. CANNON COMPANY, INC.</i> -- APPROVED NCHRP REPORT 350 PER FHWA APPROVAL (23-NOV-98) OF DESIGN BY BENT MANUFACTURING COMPANY, (15-MAY-00)</p> <p><i>SCDOT</i> -- APPROVED NCHRP REPORT 350 PER FHWA APPROVAL (23-NOV-98) OF DESIGN BY BENT MANUFACTURING COMPANY, (13-MAY-02)</p>

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"UNIVERSAL PLASTIC" TYPE II BARRICADE WITH 8" PANEL AREAS	<p>2' BARRICADE CONSTRUCTED OF A WHITE HIGH DENSITY POLYETHYLENE MATERIAL WITH AN 8" X 24" PANEL AREA ON TOP AND BOTTOM REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW</p> <p><b>SPECIAL NOTE</b> <b>for SCDOT MAINTENANCE</b> <b>FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	BENT MANUFACTURING COMPANY	SCDOT	APPROVED NCHRP REPORT 350, (23-NOV-98), (WZ-6)
"UNIVERSAL PLASTIC" TYPE II BARRICADE WITH A 12/8 PANEL DESIGN	<p>2' BARRICADE CONSTRUCTED OF A WHITE HIGH DENSITY POLYETHYLENE MATERIAL WITH A 12" X 24" TOP PANEL AREA AND AN 8" X 24" BOTTOM PANEL AREA REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, ON EACH PANEL AREA</p> <p><b>SPECIAL NOTE</b> <b>for SCDOT MAINTENANCE</b> <b>FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	BENT MANUFACTURING COMPANY	SCDOT	APPROVED NCHRP REPORT 350, (23-NOV-98), (WZ-6)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"WAFFLE BOARD PLASTIC PANEL" TYPE II BARRICADE WITH TWO 8" PANELS	<p>2' BARRICADE WITH WAFFLE BOARD PLASTIC PANELS CONSTRUCTED OF A HIGH DENSITY HOMOPOLYMER POLYETHYLENE MATERIAL, 1/2" X 8" X 24" ON TOP AND BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON PAINTED OR GALVANIZED 45° 12 OR 14 GAUGE STEEL ANGLE IRON OR STEEL ROLL FORMED LEGS</p> <p><b>SPECIAL NOTE for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	BENT MANUFACTURING COMPANY	SCDOT	APPROVED NCHRP REPORT 350, (23-NOV-98), (WZ-6)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"WAFFLE BOARD PLASTIC PANEL" TYPE II BARRICADE WITH A 12/8 PANEL DESIGN	<p>2' BARRICADE WITH WAFFLE BOARD PLASTIC PANELS CONSTRUCTED OF A HIGH DENSITY HOMOPOLYMER POLYETHYLENE MATERIAL, <math>\frac{1}{2}</math>" X 12" X 24" ON TOP AND <math>\frac{1}{2}</math>" X 8" X 24" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON PAINTED OR GALVANIZED 45" 12 OR 14 GAUGE STEEL ANGLE IRON OR STEEL ROLL FORMED LEGS</p> <p><b>SPECIAL NOTE for SC DOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	BENT MANUFACTURING COMPANY	SCDOT	APPROVED NCHRP REPORT 350, (23-NOV-98), (WZ-6)
"JAMMER WBT2" TYPE II PLASTIC PANEL BARRICADE WITH TWO 8" PANEL AREAS AND PLASTIC LEGS	<p>2' BARRICADE WITH PLASTIC PANELS, EITHER 1/2" X 8" X 24" OR 1" X 8" X 24", ON TOP AND BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON FOUR POLYETHYLENE PLASTIC LEGS</p> <p><b>SPECIAL NOTE for SC DOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	SCDOT	APPROVED NCHRP REPORT 350, (24-NOV-04), (WZ-100 AMENDMENT #5)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"JAMMER WBT2" TYPE II PLASTIC PANEL BARRICADE WITH TWO 8" PANEL AREAS AND STEEL LEGS	<p>2' BARRICADE WITH PLASTIC PANELS, EITHER 1" X 8" X 24", 3/8" X 8" X 24", OR 1/2" X 8" X 24", REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON FOUR 16 GAUGE GALVANIZED STEEL TUBING LEGS</p> <p><b>SPECIAL NOTE for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	SCDOT	APPROVED NCHRP REPORT 350, (24-NOV-04), (WZ-100 AMENDMENT #5)
"JAMMER WBT2" TYPE II PLASTIC PANEL BARRICADE WITH A 12"/8" PANEL DESIGN AND PLASTIC LEGS	<p>2' BARRICADE WITH PLASTIC PANELS, A 1/2" X 12" X 24" ON TOP AND A 1/2" X 8" X 24" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON FOUR POLYETHYLENE PLASTIC LEGS</p> <p><b>SPECIAL NOTE for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	SCDOT	APPROVED NCHRP REPORT 350, (24-NOV-04), (WZ-100 AMENDMENT #5)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"JAMMER WBT2" TYPE II PLASTIC PANEL BARRICADE WITH A 12"X8" PANEL DESIGN AND STEEL LEGS	<p>2' BARRICADE WITH PLASTIC PANELS, EITHER A 3/8" X 12" X 24" ON TOP AND A 3/8" X 8" X 24" ON BOTTOM OR A 1/2" X 12" X 24" ON TOP AND A 1/2" X 8" X 24" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON FOUR 16 GAUGE GALVANIZED STEEL TUBING LEGS</p> <p><b>SPECIAL NOTE for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	SCDOT	APPROVED NCHRP REPORT 350, (24-NOV-04), (WZ-100 AMENDMENT #5)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"JAMMER WBT2" TYPE II PLASTIC PANEL BARRICADE WITH TWO 8" PANEL AREAS AND PLASTIC LEGS	<p>3' BARRICADE WITH PLASTIC PANELS, 1" X 8" X 36", REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON FOUR POLYETHYLENE PLASTIC LEGS</p> <p><b><i>SPECIAL NOTE 1</i></b> <b><i>for CONTRACT WORK:</i></b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b><i>SPECIAL NOTE 2</i></b> <b><i>for SCDOT MAINTENANCE FORCES:</i></b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	ALL	APPROVED NCHRP REPORT 350, (24-NOV-04), (WZ-100 AMENDMENT #5)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"JAMMER WBT2" TYPE II PLASTIC PANEL BARRICADE WITH TWO 8" PANEL AREAS AND STEEL LEGS	<p>3' BARRICADE WITH PLASTIC PANELS, EITHER 3/8" X 8" X 36", 1/2" X 8" X 36, OR 1" X 8" X 36", REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON FOUR 16 GAUGE GALVANIZED STEEL TUBING LEGS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	ALL	APPROVED NCHRP REPORT 350, (24-NOV-04), (WZ-100 AMENDMENT #5)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"JAMMER WBT2" TYPE II PLASTIC PANEL BARRICADE WITH A 12"X8" PANEL DESIGN AND PLASTIC LEGS	<p>3' BARRICADE WITH PLASTIC PANELS, A 1/2" X 12" X 36" ON TOP AND A 1/2" X 8" X 36" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON FOUR POLYETHYLENE PLASTIC LEGS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZ ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	ALL	APPROVED NCHRP REPORT 350, (24-NOV-04), (WZ-100 AMENDMENT #5)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"JAMMER WBT2" TYPE II PLASTIC PANEL BARRICADE WITH A 12"X8" PANEL DESIGN AND STEEL LEGS	<p>3' BARRICADE WITH PLASTIC PANELS, EITHER A 3/8" X 12" X 36" ON TOP AND A 3/8" X 8" X 36" ON BOTTOM OR A 1/2" X 12" X 36" ON TOP AND A 1/2" X 8" X 36" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON FOUR 16 GAUGE GALVANIZED STEEL TUBING LEGS</p> <p><b><i>SPECIAL NOTE 1</i></b> <b><i>for CONTRACT WORK:</i></b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b><i>SPECIAL NOTE 2</i></b> <b><i>for SCOT MAINTENANCE FORCES:</i></b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	ALL	APPROVED NCHRP REPORT 350, (24-NOV-04), (WZ-100 AMENDMENT #5)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"FIBERCADE" TYPE II PLASTIC PANEL BARRICADE WITH TWO 8" PANEL AREAS	<p>2' BARRICADE WITH HIGH MOLECULAR WEIGHT POLYETHYLENE PANELS, 8" X 24" ON TOP AND BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW</p> <p><b>SPECIAL NOTE for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PLASTICADE PRODUCTS	SCDOT	APPROVED NCHRP REPORT 350, (28-MAY-99), (WZ-14)
"FIBERCADE" TYPE II PLASTIC PANEL BARRICADE WITH A 12/8 PANEL DESIGN	<p>2' BARRICADE WITH HIGH MOLECULAR WEIGHT POLYETHYLENE PANELS, 12" X 24" ON TOP AND 8" X 24" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW</p> <p><b>SPECIAL NOTE for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PLASTICADE PRODUCTS	SCDOT	APPROVED NCHRP REPORT 350, (28-MAY-99), (WZ-14)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TYPE 1C CONSTRUCTION BARRICADE" TYPE II PLASTIC PANEL BARRICADE WITH TWO 8" PANEL AREAS	<p>3' BARRICADE WITH POLYPROPYLENE PANELS, 8" X 36" ON TOP AND BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1-1/4" X 1-1/4" X 1/8" X 47" METAL LEGS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZ ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PROTECTION SERVICES, INC.	ALL	APPROVED NCHRP REPORT 350, (24-MAY-00), (WZ-36)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TYPE 1C CONSTRUCTION BARRICADE" TYPE II PLASTIC PANEL BARRICADE WITH A 12/8 PANEL DESIGN	<p>3' BARRICADE WITH POLYPROPYLENE PANELS, 12" X 36" ON TOP AND 8" X 36" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1-1/4" X 1-1/4" X 1/8" X 47" METAL LEGS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCUDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PROTECTION SERVICES, INC.	ALL	APPROVED NCHRP REPORT 350, (24-MAY-00), (WZ-36)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TYPE 1D CONSTRUCTION BARRICADE" TYPE II PLASTIC PANEL BARRICADE WITH TWO 8" PANEL AREAS	<p>3' BARRICADE WITH POLYPROPYLENE PANELS, 8" X 36" ON TOP AND BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 5/8" X 1-1/2" X 47" PLASTIC LEGS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZ ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PROTECTION SERVICES, INC.	ALL	APPROVED NCHRP REPORT 350, (24-MAY-00), (WZ-36)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TYPE 1D CONSTRUCTION BARRICADE" TYPE II PLASTIC PANEL BARRICADE WITH A 12/8 PANEL DESIGN	<p>3' BARRICADE WITH POLYPROPYLENE PANELS, 12" X 36" ON TOP AND 8" X 36" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 5/8" X 1-1/2" X 47" PLASTIC LEGS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PROTECTION SERVICES, INC.	ALL	APPROVED NCHRP REPORT 350, (24-MAY-00), (WZ-36)
"TYPE 2A CONSTRUCTION BARRICADE" TYPE II PLASTIC PANEL BARRICADE WITH TWO 8" PANEL AREAS	<p>2' BARRICADE WITH POLYPROPYLENE PANELS, 8" X 24" ON TOP AND BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1-1/4" X 1-1/4" X 1/8" X 47" METAL LEGS</p> <p><b>SPECIAL NOTE</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PROTECTION SERVICES, INC.	SCDOT	APPROVED NCHRP REPORT 350, (24-MAY-00), (WZ-36)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"CONSTRUCTION BARRICADE" TYPE II PLASTIC PANEL BARRICADE WITH A 12/8 PANEL DESIGN WITH STEEL LEGS	2' BARRICADE WITH POLYPROPYLENE PANELS, 12" X 24" ON TOP AND 8" X 24" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1-1/4" X 1-1/4" X 1/8" X 47" METAL LEGS  <b><i>SPECIAL NOTE for SCOT MAINTENANCE FORCES:</i></b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.	PROTECTION SERVICES, INC.	SCDOT	APPROVED NCHRP REPORT 350, (24-MAY-00), (WZ-36)
"TYPE 2B CONSTRUCTION BARRICADE" TYPE II PLASTIC PANEL BARRICADE WITH TWO 8" PANEL AREAS	2' BARRICADE WITH POLYPROPYLENE PANELS, 8" X 24" ON TOP AND BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 5/8" X 1-1/2" X 47" PLASTIC LEGS  <b><i>SPECIAL NOTE for SCOT MAINTENANCE FORCES:</i></b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.	PROTECTION SERVICES, INC.	SCDOT	APPROVED NCHRP REPORT 350, (24-MAY-00), (WZ-36)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"CONSTRUCTION BARRICADE" TYPE II PLASTIC PANEL BARRICADE WITH A 12/8 PANEL DESIGN WITH PLASTIC LEGS	<p>2' BARRICADE WITH POLYPROPYLENE PANELS, 12" X 24" ON TOP AND 8" X 24" BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 5/8" X 1-1/2" X 47" PLASTIC LEGS</p> <p><b>SPECIAL NOTE for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PROTECTION SERVICES, INC.	SCDOT	APPROVED NCHRP REPORT 350, (24-MAY-00), (WZ-36)
"SERIES 2100" TYPE II PLASTIC BARRICADE WITH A 12/8 PANEL DESIGN	<p>2' BARRICADE WITH PLASTIC PANELS, 12" X 24" ON TOP AND 8" X 24" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON 45-1/2" PLASTIC LEGS</p> <p><b>SPECIAL NOTE for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	THREE D TRAFFIC WORKS, INC.	SCDOT	APPROVED NCHRP REPORT 350, (24-MAY-00), (WZ-33)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TD2150 WORKS BARRICADE" TYPE II PLASTIC BARRICADE WITH A 12/8 PANEL DESIGN	2' BARRICADE WITH PLASTIC PANELS, 12" X 24 1/2" ON TOP AND 8" X 24 1/2" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON PLASTIC LEGS  <b><i>SPECIAL NOTE for SCOT MAINTENANCE FORCES:</i></b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.	THREE D TRAFFIC WORKS, INC.	SCDOT	APPROVED NCHRP REPORT 350, (17-MAY-05), (WZ-198)
"SERIES 2200" TYPE II PLASTIC PANEL BARRICADE WITH A 12/8 PANEL DESIGN	2' BARRICADE WITH PLASTIC PANELS, 12" X 24" ON TOP AND 8" X 24" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON PAINTED OR GALVANIZED 45" 12 OR 14 GAUGE STEEL ROLL FORMED LEGS  <b><i>SPECIAL NOTE for SCOT MAINTENANCE FORCES:</i></b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.	THREE D TRAFFIC WORKS, INC.	SCDOT	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TD2250 MODEL" TYPE II PLASTIC PANEL BARRICADE WITH A 8/8 PANEL DESIGN (24" WIDE) (32" WIDE)	2' AND 2 1/2' BARRICADES WITH PLASTIC PANELS, 8" X 24" OR 8" X 32" ON TOP AND BOTTOM, RESPECTIVELY, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON PAINTED OR GALVANIZED 45" 12 OR 14 GAUGE STEEL ROLL FORMED LEGS  <b><i>SPECIAL NOTE for SCDOT MAINTENANCE FORCES:</i></b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.	THREE D TRAFFIC WORKS, INC.	SCDOT	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TD2250 MODEL" TYPE II PLASTIC PANEL BARRICADE WITH A 8/8 PANEL DESIGN (36" WIDE)	<p>3' BARRICADE WITH PLASTIC PANELS, 8" X 36" ON TOP AND BOTTOM REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON PAINTED OR GALVANIZED 45" 12 OR 14 GAUGE STEEL ROLL FORMED LEGS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	THREE D TRAFFIC WORKS, INC.	ALL	APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SERIES 2300" TYPE II PLYWOOD PANEL BARRICADE WITH A 12/8 PANEL DESIGN	<p>3' BARRICADE WITH PLYWOOD PANELS, 1/2" X 12" X 36" ON TOP AND 1/2" X 8" X 36" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON PAINTED OR GALVANIZED 45" 12 OR 14 GAUGE STEEL ROLL FORMED LEGS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	THREE D TRAFFIC WORKS, INC.	ALL	APPROVED NCHRP REPORT 350, (24-MAY-00), (WZ-33)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"ECONOMY PLASTIC FOLDING" TYPE II PLASTIC PANEL BARRICADE WITH TWO 8" PANELS	<p>2' BARRICADE WITH PLASTIC PANELS, 8" X 24" ON TOP AND BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW</p> <p><b><i>SPECIAL NOTE for SCOT MAINTENANCE FORCES:</i></b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	TRAFFIX DEVICES, INC.	SCDOT	APPROVED NCHRP REPORT 350, (28-DEC-99), (WZ-24)
"A-FRAME BARRICADE" TYPE II PLYWOOD PANEL BARRICADE WITH A 12/8 PANEL DESIGN	<p>3' BARRICADE WITH PLYWOOD PANELS, 1/2" X 12" X 36" ON TOP AND BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON PAINTED OR GALVANIZED 45" 12 GAUGE STEEL ANGLE LEGS</p> <p><b><i>SPECIAL NOTE 1 for CONTRACT WORK:</i></b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b><i>SPECIAL NOTE 2 for SCOT MAINTENANCE FORCES:</i></b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	UNITED RENTALS HIGHWAY TECHNOLOGIES, INC.	ALL	APPROVED NCHRP REPORT 350, (6-MAY-00), (WZ-41) APPROVED NCHRP REPORT 350, (20-JUN-03), (WZ-41-AMENDMENT #1)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"A-FRAME BARRICADE" TYPE II PLYWOOD PANEL BARRICADE WITH TWO 8" PANEL AREAS	<p>3' BARRICADE WITH PLYWOOD PANELS, 1/2" X 12" X 36" ON TOP AND 1/2" X 8" X 36" ON BOTTOM, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON PAINTED OR GALVANIZED 45" 12 GAUGE STEEL ANGLE LEGS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE</b> <b>FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	UNITED RENTALS HIGHWAY TECHNOLOGIES, INC.	ALL	APPROVED NCHRP REPORT 350, (6-MAY-00), (WZ-41) APPROVED NCHRP REPORT 350, (20-JUN-03), (WZ-41-AMENDMENT #1)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"A-FRAME BARRICADE" TYPE II PLASTIC PANEL BARRICADE WITH A 12/8 PANEL DESIGN	<p>3' BARRICADE WITH 12" X 36" PANEL ON TOP AND 8" X 36" PANEL ON BOTTOM, FABRICATED FROM 0.350 INCH THICK HIGH DENSITY POLYETHYLENE, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON PAINTED OR GALVANIZED 45" 12 GAUGE STEEL ANGLE LEGS</p> <p><b><i>SPECIAL NOTE 1 for CONTRACT WORK:</i></b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b><i>SPECIAL NOTE 2 for SCOT MAINTENANCE FORCES:</i></b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	UNITED RENTALS HIGHWAY TECHNOLOGIES, INC.	ALL	APPROVED NCHRP REPORT 350, (6-MAY-00), (WZ-41) APPROVED NCHRP REPORT 350, (20-JUN-03), (WZ-41-AMENDMENT #1)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"A-FRAME BARRICADE" TYPE II PLASTIC PANEL BARRICADE WITH TWO 8" PANEL AREAS	<p>3' BARRICADE WITH 8" X 36" PANELS ON TOP AND BOTTOM, FABRICATED FROM 0.350 INCH THICK HIGH DENSITY POLYETHYLENE, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON PAINTED OR GALVANIZED 45" 12 GAUGE STEEL ANGLE LEGS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZIZATION OF THIS BARRICADE.</p>	UNITED RENTALS HIGHWAY TECHNOLOGIES, INC.	ALL	APPROVED NCHRP REPORT 350, (6-MAY-00), (WZ-41) APPROVED NCHRP REPORT 350, (20-JUN-03), (WZ-41-AMENDMENT #1)

(Category II Continued)

**TYPE II BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"STEELCADE TYPE II" TYPE II STEEL-LEGGED BARRICADES WITH WAFFLEBOARD PANELS	<p>2' BARRICADES WITH 8" X 24" PANELS ON TOP AND BOTTOM, FABRICATED FROM HIGH IMPACT POLYOLEFIN STRUCTURAL RESIN, REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON HIGH STRENGTH COLD ROLLED STEEL ANGLE IRON</p> <p><b><i>SPECIAL NOTE for SCOT MAINTENANCE FORCES:</i></b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	CORTENA SAFETY PRODUCTS	SCDOT	APPROVED NCHRP REPORT 350, (7-OCT-03), (WZ-165)

(Category II Continued)  
**TYPE III BARRICADES**

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 604

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
PORTABLE TYPE III PLYWOOD PANEL BARRICADE	<p>6' BARRICADE WITH 1" X 8" X 72" PLYWOOD PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1-1/2" X 1-1/2" X 3/16" X 63" ANGLE STEEL UPRIGHTS ATTACHED TO TWO 1-1/2" X 1-1/2" X 3/16" X 60" ANGLE STEEL BASE STANDS WITH 2" X 2" X 8" SQUARE STEEL TUBING RECEIVERS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZIZATION OF THIS BARRICADE.</p>	<p>B. C. CANNON COMPANY, INC. SCDOT GUARDWAY CORPORATION</p>	ALL	<p>APPROVED NCHRP REPORT 350, (23-NOV-98), (WZ-6)</p> <p><u>TRI-STATE TRAFFIC SAFETY, INC.</u> -- APPROVED NCHRP REPORT 350 PER FHWA APPROVAL (23-NOV-98) OF DESIGN BY BENT MANUFACTURING COMPANY, (02-MAY-00)</p> <p><u>B. C. CANNON COMPANY, INC.</u> -- APPROVED NCHRP REPORT 350 PER FHWA APPROVAL (23-NOV-98) OF DESIGN BY BENT MANUFACTURING COMPANY, (15-MAY-00)</p> <p><u>SCDOT</u> -- APPROVED NCHRP REPORT 350 PER FHWA APPROVAL (23-NOV-98) OF DESIGN BY BENT MANUFACTURING COMPANY, (13-MAY-02)</p> <p><u>GUARDWAY CORPORATION</u> -- APPROVED NCHRP REPORT 350 PER FHWA APPROVAL (23-NOV-98) OF DESIGN BY BENT MANUFACTURING COMPANY, (09-JUN-06)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

**TYPE III BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
PORTABLE TYPE III PLYWOOD PANEL BARRICADE	<p>8' BARRICADE WITH 3/4" X 8" X 96" PLYWOOD PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1-3/4" X 1-3/4" X 60" 12 GAUGE PERFORATED STEEL TUBING UPRIGHTS INSERTED INTO TWO 2" X 2" X 6" STEEL TUBE RECEIVERS ATTACHED TO TWO 2" X 2" ANGLE STEEL BASE SUPPORTS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	STAY ALERT SAFETY SERVICES, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (03-JUN-02), (WZ-120)</p> <p><i>STAY ALERT SAFETY SERVICES, INC. -- APPROVED NCHRP REPORT 350 PER FHWA APPROVAL (03-JUN-02) OF DESIGN BY NES WORK SAFE, (04-MAR-04)</i></p> <p><b><i>RESTRICTIONS</i></b> -- <b><i>SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</i></b></p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
PORTABLE TYPE III PLYWOOD PANEL BARRICADE	<p>4' – 8' BARRICADE WITH 1" X 8" X 48" – 96" PLYWOOD PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1-1/2" X 1-1/2" X 3/16" X 63" ANGLE STEEL UPRIGHTS ATTACHED TO TWO 1-1/2" X 1-1/2" X 3/16" X 60" ANGLE STEEL BASE STANDS WITH 2" X 2" X 8" SQUARE STEEL TUBING RECEIVERS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	BENT MANUFACTURING COMPANY	ALL	<p>APPROVED NCHRP REPORT 350, (23-NOV-98), (WZ-6)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

**TYPE III BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"T3B" TYPE III PLASTIC PANEL BARRICADE	<p>4' - 12' BARRICADE WITH 1" X 8" X 48" - 144" HOLLOW PLASTIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON 1-3/4" X 1-3/4" X 60" - 72" SQUARE PLASTIC UPRIGHTS ATTACHED TO TWO 2" X 2" X 60" - 72" PERFORATED SQUARE STEEL TUBING FEET WITH 2" X 2" X 6" PERFORATED SQUARE STEEL TUBING UPRIGHT RECEIVERS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PEXCO LLC	ALL	<p>APPROVED NCHRP REPORT 350, (29-JUN-00), (WZ-39)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

**TYPE III BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
BC-3000 TYPE III BARRICADE	<p>4'-8' BARRICADE WITH 1" X 8" X 48"-96" EXTRUDED PLASTIC RAILS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON GALVANIZED SQUARE TUBE BREAK-AWAY™ FRAMES WITH 5' UPRIGHTS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE</b> <b>FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	EASTERN METAL OF ELMIRA, INC	ALL	<p>APPROVED NCHRP REPORT 350, (29-JUN-00), (WZ-85)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

**TYPE III BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"IRS TYPE III" PLASTIC BARRICADE	<p>4'-12' BARRICADE WITH 1" X 8" X 48" – 144" HOLLOW PLASTIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON 1-3/4" X 1-3/4" X 60" – 72" SQUARE PLASTIC UPRIGHTS ATTACHED TO TWO PORTABLE 14" X 34" RECYCLED RUBBER BASES WITH A PATENTED QUICK RELEASE SYSTEM</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	IMPACT RECOVERY SYSTEMS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (22-MAR-02), (WZ-110)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"KSIBTIII-SW" TYPE III PLYWOOD PANEL BARRICADE	<p>4' – 8' BARRICADE WITH 1" X 8" X 48" – 96" PLYWOOD PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1 ¾" X 1 ¾" X 58" 12 GAUGE GALVANIZED PERFORATED SQUARE STEEL TUBING UPRIGHTS ATTACHED TO TWO 2" X 2" X 60" 12 GAUGE GALVANIZED PERFORATED SQUARE STEEL TUBING BASE STANDS BY TWO 2" X 2" X 6" RECEIVERS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (15-NOV-01), (WZ-85); (20-JUN-02), (WZ-100)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"KSIBTIII-133Z" TYPE III PLYWOOD PANEL BARRICADE	<p>4' – 8' BARRICADE WITH 1" X 8" X 48" – 96" PLYWOOD PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1 ¾" X 1 ¾" X 58" 12 GAUGE GALVANIZED PERFORATED SQUARE STEEL TUBING UPRIGHTS ATTACHED TO TWO 2" X 2" X 60" 12 GAUGE GALVANIZED PERFORATED SQUARE STEEL TUBING BASE STANDS BY TWO TL133-Z SHEAR PIN ASSEMBLIES FABRICATED BY XCESSORIES SQUARED</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (08-SEP-00), (WZ-51); (20-JUN-02), (WZ-100)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"WBT3-BR" TYPE III HOLLOW PLASTIC OR ALPOLIC PANEL BARRICADE	<p>4' – 12' BARRICADE WITH EITHER HOLLOW EXTRUDED PLASTIC OR ALPOLIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1 ¾" X 1 ¾" X 58" 12 GAUGE GALVANIZED PERFORATED SQUARE STEEL TUBING UPRIGHTS ATTACHED TO TWO 2" X 2" X 60" 12 GAUGE GALVANIZED PERFORATED SQUARE STEEL TUBING BASE STANDS BY SPLICING PLATE BRACKETS WITH NO HORIZONTAL CROSS BRACE</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (10-JUL-03), (WZ-100 AMENDMENT #3)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"WBT3-BRH" TYPE III HOLLOW PLASTIC OR ALPOLIC PANEL BARRICADE	<p>4' – 12' BARRICADE WITH EITHER HOLLOW EXTRUDED PLASTIC OR ALPOLIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1 ¾" X 1 ¾" X 58" 12 GAUGE GALVANIZED PERFORATED SQUARE STEEL TUBING UPRIGHTS ATTACHED TO TWO 2" X 2" X 60" 12 GAUGE GALVANIZED PERFORATED SQUARE STEEL TUBING BASE STANDS BY SPLICING PLATE BRACKETS WITH HORIZONTAL CROSS BRACE</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (10-JUL-03), (WZ-100 AMENDMENT #3)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"WBT3-SW" TYPE III HOLLOW PLASTIC OR ALPOLIC PANEL BARRICADE	<p>4' – 12' BARRICADE WITH EITHER HOLLOW EXTRUDED PLASTIC OR ALPOLIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1 ¾" X 1 ¾" X 58" 12 GAUGE GALVANIZED PERFORATED SQUARE STEEL TUBING UPRIGHTS ATTACHED TO TWO 2" X 2" X 60" 12 GAUGE GALVANIZED PERFORATED SQUARE STEEL TUBING BASE STANDS BY WELDED STUB RECEIVERS WITH NO HORIZONTAL CROSS BRACE</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (10-JUL-03), (WZ-100 AMENDMENT #3)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"WBT3-SWH" TYPE III HOLLOW PLASTIC OR ALPOLIC PANEL BARRICADE	<p>4' – 12' BARRICADE WITH EITHER HOLLOW EXTRUDED PLASTIC OR ALPOLIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1 ¾" X 1 ¾" X 58" 12 GAUGE GALVANIZED PERFORATED SQUARE STEEL TUBING UPRIGHTS ATTACHED TO TWO 2" X 2" X 60" 12 GAUGE GALVANIZED PERFORATED SQUARE STEEL TUBING BASE STANDS BY WELDED STUB RECEIVERS WITH HORIZONTAL CROSS BRACE</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	KORMAN SIGNS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (10-JUL-03), (WZ-100 AMENDMENT #3)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

**TYPE III BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
PORTABLE TYPE III HOLLOW CORE PLASTIC BARRICADE	<p>6' - 12' BARRICADE WITH 1" X 8" X 72" - 144" RECYCLED PLASTIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON 3-1/2" X 3-1/2" X 60" RECYCLED PLASTIC POSTS ATTACHED TO TWO SKIDS CONSTRUCTED OF FOUR 2" X 6" X 60" RECYCLED PLASTIC BOARDS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PLASTICADE PRODUCTS	ALL	<p>APPROVED NCHRP REPORT 350, (16-FEB-99), (WZ-11)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"ANGLE IRON" PORTABLE TYPE III BARRICADE	<p>6' – 12' BARRICADE WITH 1" X 8" X 72" – 144" HIGH DENSITY POLYETHYLENE PLASTIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 10 GAUGE GALVANIZED 1-1/2" X1-1/2" X 63" ANGLE IRON UPRIGHTS ATTACHED TO TWO 10 GAUGE GALVANIZED 1-1/2" X1-1/2" X 60" ANGLE IRON FEET</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZ ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PLASTICADE PRODUCTS	ALL	<p>APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54); (15-NOV-01), (WZ-85)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TELSPAR" PORTABLE TYPE III BARRICADE	<p>6' – 12' BARRICADE WITH 1" X 8" X 72" – 144" HIGH DENSITY POLYETHYLENE PLASTIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 14 GAUGE GALVANIZED 2" X 2" X 60" SQUARE STEEL TUBE UPRIGHTS ATTACHED TO TWO 14 GAUGE GALVANIZED 2" X 2" X 60" SQUARE STEEL TUBE FEET</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZ ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PLASTICADE PRODUCTS	ALL	<p>APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54); (15-NOV-01), (WZ-85)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"PST-III BARRICADE" TYPE III PLASTIC BARRICADE I	<p>6' - 12' BARRICADE WITH 205 mm X 22.75 mm X 1829 mm - 3658 mm HIGH DENSITY POLYETHYLENE PLASTIC HONEYCOMB EXTRUSION PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON 88 mm X 5.08 mm X 1521 mm VERTICAL MASTS ATTACHED TO TWO 98 mm X 4.44 mm X 1217 mm HORIZONTAL LEGS INTERCONNECTED BY A HIGH DESITY POLYETHYLENE PLASTIC EXTRUSION REFERRED TO AS A "BALLAST BOARD"</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PLASTIC SAFETY SYSTEMS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (13-DEC-00), (WZ-61)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"ANCHOR BARRICADE" "PST-III BARRICADE" TYPE III PLASTIC BARRICADE	<p>6' - 12' BARRICADE WITH 205 mm X 22.75 mm X 1829 mm - 3658 mm HIGH DENSITY POLYETHYLENE PLASTIC HONEYCOMB EXTRUSION PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON 88 mm X 5.08 mm X 1521 mm VERTICAL MASTS ATTACHED TO A BASE WITH TWO HIGH DENSITY POLYETHYLENE PLASTIC "HORIZONTAL LEGS".</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PLASTIC SAFETY SYSTEMS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (10-APR-03), (WZ-152)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"THE WAVE BARRICADE" "PST-III BARRICADE" TYPE III PLASTIC BARRICADE	<p>4' - 8' BARRICADE WITH 0.8" THICK X 8.25" WIDE X 48" - 96" LONG HIGH DENSITY POLYETHYLENE PLASTIC HONEYCOMB EXTRUSION PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON 88 mm X 5.08 mm X 1521 mm VERTICAL MASTS ATTACHED TO A BASE WITH TWO 98 mm SQUARE X 1217 mm "HORIZONTAL LEGS" WITH THE CAPABILITY TO BE FILLED WITH EITHER 45 lbs. OF SAND OR 35 lbs. OF WATER IN EACH "HORIZONTAL LEG".</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PLASTIC SAFETY SYSTEMS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (19-APR-04), (WZ-173)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SENTINEL TYPE III PLASTIC PANEL BARRICADE"	<p>4' -12' BARRICADE WITH 1" X 8" X 72" - 144" CORRUGATED PLASTIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON A 60" HIGH HOLLOW BLOW-MOLDED PLASTIC UPRIGHT FRAME WITH A 3-1/2" X 36" X 48" BASE</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	PMG LIMITED	ALL	<p>APPROVED NCHRP REPORT 350, (11-JAN-02), (WZ-104)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TD2400 MODEL" TYPE III PLASTIC PANEL BARRICADE WITH PLASTIC TUFF-1TM UPRIGHTS	<p>4' – 8' BARRICADE WITH 1" X 8" X 48" – 96" OR 2" X 8" X 48" – 96" EXTRUDED PLASTIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO PLASTIC TUFF-1TM UPRIGHTS ATTACHED TO EITHER TWO UNIVERSAL URB1827 RUBBER FOOT RUBBER BASES OR TWO 2" X 2" X 60" PERFORATED SQUARE STEEL TUBING OR TWO 1-1/2" X 1-1/2" X 60" 10 GAUGE ANGLE STEEL BASE STANDS WITH 2" X 2" X 8" SQUARE STEEL TUBING RECEIVERS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	THREE D TRAFFIC WORKS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (29-SEP-03), (WZ-132) APPROVED NCHRP REPORT 350, (23-AUG-05), (WZ-217)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SERIES 2500 WORKS" PORTABLE TYPE III PLYWOOD PANEL BARRICADE	<p>4' – 8' BARRICADE WITH 3/4" X 8" X 48" – 96" PLYWOOD PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1-1/2" X 1-1/2" X 63" ANGLE STEEL UPRIGHTS ATTACHED TO TWO 1-1/2" X 1-1/2" X 1/8" X 60" ANGLE STEEL BASE STANDS WITH 2" X 2" X 8" SQUARE STEEL TUBING RECEIVERS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	THREE D TRAFFIC WORKS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (15-SEP-00), (WZ-54)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TD2550 MODEL" TYPE III PLYWOOD PANEL BARRICADE WITH PERFORATED SQUARE STEEL TUBING UPRIGHTS AND BASES	<p>4' – 12' BARRICADE WITH 3/4" X 8" X 48" – 144" PLYWOOD PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1-1/2" X 1-1/2" X 63" PERFORATED SQUARE STEEL TUBING UPRIGHTS ATTACHED TO TWO 1-1/2" X 1-1/2" X 1 1/2" X 60" PERFORATED SQUARE STEEL TUBING BASES</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	THREE D TRAFFIC WORKS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (15-NOV-01), (WZ-85)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

**TYPE III BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TD2600 MODEL" TYPE III PLASTIC PANEL BARRICADE WITH PERFORATED SQUARE STEEL TUBING UPRIGHTS AND BASES	<p>4' – 12' BARRICADE WITH 1" X 8" X 48" – 144" OR 2" X 8" X 48" – 144" EXTRUDED PLASTIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1-1/2" X 1-1/2" X 63" ANGLE STEEL UPRIGHTS ATTACHED TO TWO 1-1/2" X 1-1/2" X 1/8" X 60" ANGLE STEEL BASE STANDS WITH 2" X 2" X 8" SQUARE STEEL TUBING RECEIVERS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	THREE D TRAFFIC WORKS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (12-JUL-02), (WZ-128)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TD2650 MODEL" TYPE III PLASTIC PANEL BARRICADE WITH ANGLE STEEL UPRIGHTS AND BASES	<p>4' – 12' BARRICADE WITH 1" X 8" X 48" – 144" OR 2" X 8" X 48" – 144" EXTRUDED PLASTIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1-1/2" X 1-1/2" X 62" PERFORATED SQUARE STEEL TUBING UPRIGHTS ATTACHED TO TWO 1-3/4" X 1-3/4" X 60" PERFORATED SQUARE STEEL TUBING BASES</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	THREE D TRAFFIC WORKS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (12-JUL-02), (WZ-128)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

**TYPE III BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
TRAFFIX TYPE III PLASTIC PANEL BARRICADE WITH STEEL POSTS UPRIGHTS	<p>4' – 12' BARRICADE WITH 3/4" X 8" X 48" – 144" CORRUGATED PLASTIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 1-3/4" X 1-3/4" 16 GAUGE STEEL UNISTRUT TELESPAR TUBING UPRIGHTS WITH TIE-BAR ATTACHED TO TWO 1-3/4" X 1-3/4" 16 GAUGE STEEL UNISTRUT TELESPAR TUBING BASE STRUCTURES WITH BREAKAWAY BRACKETS</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	TRAFFIX DEVICES, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (08-FEB-02), (WZ-108)</p> <p><b>RESTRICTIONS</b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

**TYPE III BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
YODOCK MODEL 2001 BARRIER w/ TYPE III BARRICADE KIT TYPE III BARRICADE WITH PLASTIC PANELS AND PLASTIC POST UPRIGHTS	<p>POLYETHYLENE PLASTIC BARRIER BASE, 24" WIDE X 46" TALL X 71.5" LONG.</p> <p>6' BARRICADE WITH 3/4" X 7.7" X 72.4" HOLLOW PLASTIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 2" X 2" X 102" SCHEDULE 80 PVC PIPE SUPPORTS.</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZ ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	VALTIR, LLC	ALL	<p>APPROVED NCHRP REPORT 350, (09-OCT-02), (WZ-127)</p> <p><b>RESTRICTIONS</b> – (1) THE POLYETHYLENE PLASTIC BARRIER BASE SHALL REMAIN EMPTY. WATER BALLAST IS PROHIBITED FOR USE IN THE POLYETHYLENE PLASTIC BARRIER BASE.</p> <p>(2) SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

## TYPE III BARRICADES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
YODOCK MODEL 2001M BARRIER w/ TYPE III BARRICADE KIT TYPE III BARRICADE WITH PLASTIC PANELS AND PLASTIC POST UPRIGHTS	<p>POLYETHYLENE PLASTIC BARRIER BASE, 18" WIDE X 32" TALL X 71.5" LONG.</p> <p>6' BARRICADE WITH 3/4" X 7.7" X 72.4" HOLLOW PLASTIC PANELS REFLECTORIZED WITH RETROREFLECTIVE SHEETING AS NOTED BELOW, MOUNTED ON TWO 2" X 2" X 102" SCHEDULE 80 PVC PIPE SUPPORTS.</p> <p><b>SPECIAL NOTE 1</b> <b>for CONTRACT WORK:</b> REFLECTORIZE ALL BARRICADES WITH TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING ON ALL PROJECTS LET TO CONTRACT AFTER MAY 1, 2012.</p> <p><b>SPECIAL NOTE 2</b> <b>for SCDOT MAINTENANCE FORCES:</b> TYPE VIII OR TYPE IX PRISMATIC RETROREFLECTIVE SHEETING MAY BE USED AS ALTERNATES TO TYPE III HIGH INTENSITY RETROREFLECTIVE SHEETING FOR REFLECTORIZATION OF THIS BARRICADE.</p>	VALTIR, LLC	ALL	<p>APPROVED NCHRP REPORT 350, (19-OCT-99), (WZ-22)</p> <p><b>RESTRICTIONS</b> – (1) THE POLYETHYLENE PLASTIC BARRIER BASE SHALL REMAIN EMPTY. WATER BALLAST IS PROHIBITED FOR USE IN THE POLYETHYLENE PLASTIC BARRIER BASE.</p> <p>(2) SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE OR AN APPROVED ALUMINUM LAMINATE SUBSTRATE. THE APPROVED ALUMINUM LAMINATE SUBSTRATES SHALL BE EITHER ACOPAN, ALPOLIC, DIBOND OR REYNOLITE. ATTACHING ANY OTHER TYPE OF RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

(Category II Continued)

**PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGNS ONLY**

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 604

THESE DEVICES ARE APPROVED FOR SUPPORT OF ROLL-UP SIGNS ONLY FABRICATED FROM APPROVED FABRIC SIGN SUBSTRATES INCLUDED IN THE "SIGN SUBSTRATES FOR PORTABLE SIGN SUPPORTS" SECTION

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SZ-460 SIGN STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE SQUARE STEEL TUBE MAST SUPPORTED BY A BREAKAWAY BASE AND SQUARE STEEL TUBE LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN NO LESS THAN 60" ABOVE THE GROUND	BONE SAFETY SIGNS	CONTRACT	APPROVED NCHRP REPORT 350, (26-JAN-01), (WZ-67) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)
"SZ-460/S SIGN STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE SQUARE STEEL TUBE MAST SUPPORTED BY A SINGLE TORSION SPRING AND SQUARE STEEL TUBE LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN NO LESS THAN 60" ABOVE THE GROUND	BONE SAFETY SIGNS	CONTRACT	APPROVED NCHRP REPORT 350, (26-JAN-01), (WZ-67) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)
"SZ-484 SIGN STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE SQUARE STEEL TUBE MAST SUPPORTED BY A BREAKAWAY BASE AND SQUARE STEEL TUBE LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN NO LESS THAN 60" AND UP TO 84" ABOVE THE GROUND	BONE SAFETY SIGNS	CONTRACT	APPROVED NCHRP REPORT 350, (26-JAN-01), (WZ-67) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)

(Category II Continued)

**PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGNS ONLY (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SZ-484/S SIGN STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE SQUARE STEEL TUBE MAST SUPPORTED BY A SINGLE TORSION SPRING AND SQUARE STEEL TUBE LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN NO LESS THAN 60" AND UP TO 84" ABOVE THE GROUND	BONE SAFETY SIGNS	CONTRACT	APPROVED NCHRP REPORT 350, (26-JAN-01), (WZ-67)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)
"DYNAFLEX 3000W SIGN STAND" (SYSTEM 24) PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY A DOUBLE-TORSION SPRING AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 12" ABOVE THE GROUND	DICKE SAFETY PRODUCTS  Distributed by DICKE SAFETY PRODUCTS	SCDOT	APPROVED NCHRP REPORT 350, (20-JUL-99), (WZ-17)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)
"DF 4503 SIGN STAND" (SYSTEM 56 & SYSTEM 57) PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY A DOUBLE-TORSION SPRING AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	DICKE SAFETY PRODUCTS  Distributed by DICKE SAFETY PRODUCTS	ALL	APPROVED NCHRP REPORT 350, (21-NOV-01), (WZ-99)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)
"TWIN FLEX MODEL NUMBER STF1008-RUB SIGN STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY TWO VERTICAL COIL SPRINGS AND STEEL LEGS FOR SUPPORTING A ROLL-UP SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	DICKE SAFETY PRODUCTS  Distributed by DICKE SAFETY PRODUCTS	CONTRACT	APPROVED NCHRP REPORT 350, (09-OCT-07), (WZ-250)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)  <b>* APPROVED FOR USE WITH APPROVED ROLL-UP SUBSTRATES ONLY</b>

(Category II Continued)

**PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGNS ONLY (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MS-FLEX-30 SIGN STAND" (SYSTEM 15) PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY A DOUBLE-TORSION SPRING AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 12" ABOVE THE GROUND	DICKE SAFETY PRODUCTS  Distributed by SIGNS AND SAFETY, Inc.	SCDOT	APPROVED NCHRP REPORT 350, (20-JUL-99), (WZ-17)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)
"MS-FLEX SIGN STAND" (SYSTEM 24) PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY A DOUBLE-TORSION SPRING AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 12" ABOVE THE GROUND	DICKE SAFETY PRODUCTS  Distributed by SIGNS AND SAFETY, Inc.	SCDOT	APPROVED NCHRP REPORT 350, (24-MAY-00), (WZ-25)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)
"STF1008" PORTABLE SIGN STAND	PORTABLE SIGN SUPPORT WITH AN TELESCOPING ALUMINUM MAST SUPPORTED BY A STEEL BASE WITH DUAL UPRIGHT SPRING AND STEEL LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	DICKE SAFETY PRODUCTS	ALL	APPROVED MASH, (15-DEC-2022), (WZ-434)  * APPROVED FOR USE WITH 48" X 48" ROLL-UP SUBSTRATES
"TF84-RUB" PORTABLE SIGN STAND	PORTABLE SIGN SUPPORT WITH AN TELESCOPING ALUMINUM MAST SUPPORTED BY A STEEL BASE WITH DUAL UPRIGHT SPRING AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 84" ABOVE THE GROUND	DICKE SAFETY PRODUCTS	ALL	* THIS DEVICE IS NOT ELIGIBLE FOR FEDERAL REIMBURSEMENT,  * THIS DEVICE HAS PASSED MASH TESTING AND IS WAITING TO RECEIVE A FEDERAL ELIGIBILITY LETTER.  * APPROVED FOR USE WITH 48" X 48" ROLL-UP SUBSTRATES

(Category II Continued)

**PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGNS ONLY (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TF60/84" PORTABLE SIGN STAND	PORTABLE SIGN SUPPORT WITH AN TELESCOPING ALUMINUM MAST SUPPORTED BY A STEEL BASE WITH DUAL UPRIGHT SPRING AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	DICKE SAFETY PRODUCTS	ALL	<p>* THIS DEVICE IS NOT ELIGIBLE FOR FEDERAL REIMBURSEMENT,</p> <p>* THIS DEVICE HAS PASSED MASH TESTING AND IS WAITING TO RECEIVE A FEDERAL ELIGIBILITY LETTER.</p> <p>* APPROVED FOR USE WITH 48" X 48" ROLL-UP SUBSTRATES</p>
"UF 2000W SIGN STAND" (SYSTEM 35 AND 45) PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY A SINGLE UPRIGHT COIL SPRING AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 12" ABOVE THE GROUND	DICKE SAFETY PRODUCTS  Distributed by SIGNS AND SAFETY, Inc.	SCDOT	<p>APPROVED NCHRP REPORT 350, (24-MAY-00), (WZ-25)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)</p>
APEX DUAL RECOIL MAX SIGN STAND	PORTABLE SIGN SUPPORT WITH TELESCOPING FULL-MAST SUPPORTED BY DUAL STEEL COIL-SPRINGS AND LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	EASTERN METAL / USA SIGN	ALL	<p>APPROVED MASH, (27-JUNE-22), (WZ-438)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)</p>
"C-202 SERIES WIND DEFLECTING SUPER-FLEX COMPACT STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN UPPER STEEL TUBE FOR A "MINI MAST" ATTACHED TO AN ADJUSTABLE FIBERGLASS LEAF SPRING BY A SCREW CLAMP AND 16 GAUGE COLD-FORMED ASTM A-500 STEEL SQUARE TUBING LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 12" ABOVE THE GROUND	EASTERN METAL / USA SIGN	SCDOT	<p>APPROVED NCHRP REPORT 350, (03-JUN-99), (WZ-13)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)</p>

(Category II Continued)

**PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGNS ONLY (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"C-902 SERIES WIND DEFLECTING SUPER-FLEX COMPACT STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN UPPER STEEL TUBE FOR A "MINI MAST" ATTACHED TO AN ADJUSTABLE FIBERGLASS LEAF SPRING BY A SCREW CLAMP AND 6061-T6 ALUMINUM SQUARE TUBING LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 12" ABOVE THE GROUND	EASTERN METAL / USA SIGN	SCDOT	APPROVED NCHRP REPORT 350, (03-JUN-99), (WZ-13) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)
"X-501" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN ALUMINUM MAST SUPPORTED BY TWO HEAVY COIL STEEL SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	EASTERN METAL / USA SIGN	CONTRACT	APPROVED NCHRP REPORT 350, (03-JUN-99), (WZ-13) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00) <b><i>RESTRICTIONS - THE MINIMUM MOUNTING HEIGHT IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</i></b>
"X-502" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN ALUMINUM MAST SUPPORTED BY TWO HEAVY COIL STEEL SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	EASTERN METAL / USA SIGN	CONTRACT	APPROVED NCHRP REPORT 350, (30-NOV-11), (WZ-297) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00) <b><i>RESTRICTIONS - THE MINIMUM MOUNTING HEIGHT IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</i></b>
"X-551 INTERSTATE SERIES SIGN STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE GALVANIZED STEEL MAST SUPPORTED BY TWO HEAVY COIL STEEL SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	EASTERN METAL / USA SIGN	CONTRACT	APPROVED NCHRP REPORT 350, (03-JUN-99), (WZ-13) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)

(Category II Continued)

**PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGNS ONLY (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"X-601 INTERSTATE SERIES SIGN STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY TWO HEAVY COIL STEEL SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	EASTERN METAL / USA SIGN	CONTRACT	APPROVED NCHRP REPORT 350, (03-JUN-99), (WZ-13) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)
"SS548AETL" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH KICK RELEASE LEG LATCHES AND A TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND RIGID TELESCOPIC ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND.	KORMAN SIGNS, INC.	ALL	APPROVED NCHRP REPORT 350, (17-FEB-00), (WZ-100) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00) <b>RESTRICTIONS – SCDOT AND CONTRACT WORK – THE MINIMUM MOUNTING HEIGHT IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</b>
"SS548ETL" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH KICK RELEASE LEG LATCHES AND A TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND RIGID TELESCOPIC ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND.	KORMAN SIGNS, INC.	ALL	APPROVED NCHRP REPORT 350, (17-FEB-00), (WZ-100) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00) <b>RESTRICTIONS – SCDOT AND CONTRACT WORK – THE MINIMUM MOUNTING HEIGHT IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</b>
"SS560UC" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH A TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND ALUMINUM TELESCOPIC LEGS FOR SUPPORTING A FABRIC SIGN WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	KORMAN SIGNS, INC.	ALL	APPROVED NCHRP REPORT 350, (20-JUN-02), (WZ-100) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)

(Category II Continued)

**PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGNS ONLY (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SS560UCA" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH A TELESCOPIC ALUMINUM MAST SUPPORTED BY TWO EXTENSION SPRINGS AND ALUMINUM TELESCOPIC LEGS FOR SUPPORTING A FABRIC SIGN WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	KORMAN SIGNS, INC.	ALL	APPROVED NCHRP REPORT 350, (17-FEB-00), (WZ-29) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)
"4814DLK WINDMASTER SIGNHOLDER" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY A DUAL SPRING BASE AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 12" ABOVE THE GROUND	MARKETING DISPLAYS INTERNATIONAL TRAFFIC CONTROL PRODUCTS	SCDOT	APPROVED NCHRP REPORT 350, (16-JUL-98), APPROVAL GRANTED BY MEMO (28-AUG-98), (WZ-3) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)
"4814HDK WINDMASTER SIGNHOLDER" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY A DUAL SPRING BASE AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 12" ABOVE THE GROUND	MARKETING DISPLAYS INTERNATIONAL TRAFFIC CONTROL PRODUCTS	SCDOT	APPROVED NCHRP REPORT 350, (16-JUL-98), APPROVAL GRANTED BY MEMO (28-AUG-98), (WZ-3) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)
"4815RBK WINDMASTER SIGNHOLDER" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY A DUAL SPRING BASE AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 12" ABOVE THE GROUND	MARKETING DISPLAYS INTERNATIONAL TRAFFIC CONTROL PRODUCTS	SCDOT	APPROVED NCHRP REPORT 350, (03-MAR-00), (WZ-28) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)

(Category II Continued)

**PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGNS ONLY (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"50SM-2S" TEMPORARY SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH TWO VERTICALLY MOUNTED WIND DEFLECTING STEEL COIL SPRINGS. A STEEL BASE ASSEMBLY, FOUR STEEL LEGS AND A TWO PIECE STEEL TELESCOPING UPRIGHT FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 84" ABOVE THE GROUND	MARKETING DISPLAYS INTERNATIONAL TRAFFIC CONTROL PRODUCTS	ALL	APPROVED MASH, (17-MAY-2024), (WZ-454) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)
"LITTLE BUSTER" PORTABLE SIGN STAND	PORTABLE SIGN SUPPORT WITH A TELESCOPIC HOT ROLLED STEEL SQUARE TUBING INNER MAST WITHIN A STEEL SQUARE TUBING OUTER MAST SUPPORTED BY TWO SPRINGS AND METAL LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	TRAFFIX DEVICES, INC.	CONTRACT	APPROVED NCHRP REPORT 350, (31-JUL-00), (WZ-46) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)

(Category II Continued)

**PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGN SUBSTRATES AND RIGID SIGN SUBSTRATES**

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 604

IN ADDITION TO ROLL-UP SIGNS, THESE DEVICES ARE ALSO APPROVED FOR SUPPORT OF RIGID SIGNS FABRICATED FROM APPROVED ALUMINUM LAMINATE COMPOSITE RIGID SIGN SUBSTRATES INCLUDED IN THE "SIGN SUBSTRATES FOR PORTABLE SIGN SUPPORTS" SECTION

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SZ-460-2S SIGN STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE SQUARE STEEL TUBE MAST SUPPORTED BY DUAL COIL SPRINGS AND SQUARE STEEL TUBE LEGS FOR SUPPORTING A FABRIC SIGN OR UP TO A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN NO LESS THAN 60" ABOVE THE GROUND	BONE SAFETY SIGNS	CONTRACT	APPROVED NCHRP REPORT 350, (24-SEP-08), (WZ-275)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)  <i>* APPROVED FOR USE WITH 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>
"SZ-484--2S SIGN STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE SQUARE STEEL TUBE MAST SUPPORTED BY DUAL COIL SPRINGS AND SQUARE STEEL TUBE LEGS FOR SUPPORTING A FABRIC SIGN OR UP TO A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN NO LESS THAN 60" AND UP TO 84" ABOVE THE GROUND	BONE SAFETY SIGNS	CONTRACT	APPROVED NCHRP REPORT 350, (24-SEP-08), (WZ-275)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)  <i>* APPROVED FOR USE WITH 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>
"TWIN FLEX 60 MODEL NUMBER TF60 SIGN STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY TWO VERTICAL COIL SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	DICKE SAFETY PRODUCTS  Distributed by DICKE SAFETY PRODUCTS	CONTRACT	APPROVED NCHRP REPORT 350, (30-DEC-03), (WZ-141)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)  <i>* APPROVED FOR USE WITH 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>

(Category II Continued)

## PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGN SUBSTRATES AND RIGID SIGN SUBSTRATES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TWIN FLEX 12 MODEL NUMBER TF12W SIGN STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN ALUMINUM MAST SUPPORTED BY TWO VERTICAL COIL SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 12" ABOVE THE GROUND	DICKE SAFETY PRODUCTS  Distributed by DICKE SAFETY PRODUCTS	SCDOT	APPROVED NCHRP REPORT 350, (30-DEC-03), (WZ-141)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)  <i>* APPROVED FOR USE WITH 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>
"QFV60 STAND" (SYSTEMS 9 AND 10) PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY A SINGLE HEAVY DUTY EXTENSION SPRING AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	DICKE SAFETY PRODUCTS  Distributed by KIMBERLY-CLARK PROFESSIONAL	ALL	APPROVED NCHRP REPORT 350, (20-JUL-99), (WZ-17) APPROVED NCHRP REPORT 350, (11-AUG-04), (WZ-182) - (ALPOLIC)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)  <i>* APPROVED FOR USE WITH 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>  <i>** MINIMUM MOUNTING HEIGHT IS 5 FEET</i>
"APEX SUMMIT" PORTABLE SIGN STAND	PORTABLE SIGN SUPPORT WITH AN TELESCOPING MAST WITH FIBERGLASS LEAF-SPRINGS AND ADJUSTABLE LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 84" ABOVE THE GROUND	EASTERN METAL SIGNS & SAFET	ALL	APPROVED MASH, (24-JUL-2023), (WZ-450)  <i>* APPROVED FOR USE WITH 48" X 48" RIGID ALUMINUM SUBSTRATES</i>

(Category II Continued)

## PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGN SUBSTRATES AND RIGID SIGN SUBSTRATES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"X-561 INTERSTATE SERIES SIGN STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE GALVANIZED STEEL MAST SUPPORTED BY TWO HEAVY COIL STEEL SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	EASTERN METAL / USA SIGN	ALL	APPROVED NCHRP REPORT 350, (12-OCT-00), (WZ-56) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)  <i>* APPROVED FOR USE WITH 48"X 60", 48"X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>
"X-602 INTERSTATE SERIES SIGN STAND" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH TWO RIGID SIGN HOLDERS AND AN EXTENDABLE ALUMINUM MAST SUPPORTED BY TWO HEAVY COIL STEEL SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	EASTERN METAL / USA SIGN	CONTRACT	APPROVED NCHRP REPORT 350, (15-JUN-01), (WZ-78A) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)  <i>* APPROVED FOR USE WITH 48"X 60", 48"X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>
"SS548E" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH A TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND RIGID STEEL LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH A BOLT-ON LIGHT WEIGHT BRACKET ON THE BACK OF THE SIGN WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	KORMAN SIGNS, INC.	CONTRACT	APPROVED NCHRP REPORT 350, (17-FEB-00), (WZ-100), (WZ-100, AMENDMENT 6) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)  <i>* APPROVED FOR USE WITH 48"X 60", 48"X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>  <b><i>RESTRICTIONS -- CONTRACT WORK - THE MINIMUM MOUNTING HEIGHT FOR CONTRACT WORK IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</i></b>

(Category II Continued)

**PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGN SUBSTRATES AND RIGID SIGN SUBSTRATES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SS548AE" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH A TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH A BOLT-ON LIGHT WEIGHT BRACKET ON THE BACK OF THE SIGN WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	KORMAN SIGNS, INC.	CONTRACT	<p>APPROVED NCHRP REPORT 350, (17-FEB-00), (WZ-100), (WZ-100, AMENDMENT 6)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)</p> <p>* APPROVED FOR USE WITH 48" X 60", 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</p> <p><b><i>RESTRICTIONS -- CONTRACT WORK - THE MINIMUM MOUNTING HEIGHT FOR CONTRACT WORK IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</i></b></p>
"SS548AEE" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH A LONGER TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN OR RIGID SIGN SUBSTRATE OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH A BOLT-ON LIGHT WEIGHT BRACKET ON THE BACK OF THE SIGN WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" AND UP TO 84" ABOVE THE GROUND	KORMAN SIGNS, INC.	CONTRACT	<p>APPROVED NCHRP REPORT 350, (10-JUL-03), (WZ-100, AMENDMENT #3), (WZ-100, AMENDMENT 6)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)</p> <p>* APPROVED FOR USE WITH 48" X 60", 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</p> <p><b><i>RESTRICTIONS -- CONTRACT WORK - THE MINIMUM MOUNTING HEIGHT FOR CONTRACT WORK IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</i></b></p>

(Category II Continued)

## PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGN SUBSTRATES AND RIGID SIGN SUBSTRATES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SS548CE" PORTABLE SIGN SUPPORT	<p>PORTABLE SIGN SUPPORT WITH A TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND RIGID STEEL LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING 21" TO 60" ABOVE THE GROUND.</p> <p>(60" MOUNTING HEIGHT - THE LIGHTWEIGHT BOLT-ON BRACKET ON THE BACK OF THE SIGN IS REQUIRED.)</p>	KORMAN SIGNS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (17-FEB-00), (WZ-100), (WZ-100, AMENDMENT 6)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)</p> <p>* APPROVED FOR USE WITH 48" X 60", 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</p> <p><b>RESTRICTIONS -- CONTRACT WORK</b> - THE MINIMUM MOUNTING HEIGHT FOR CONTRACT WORK IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</p>
"SS548CAE" PORTABLE SIGN SUPPORT	<p>PORTABLE SIGN SUPPORT WITH A TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING 21" TO 60" ABOVE THE GROUND</p> <p>(60" MOUNTING HEIGHT - THE LIGHTWEIGHT BOLT-ON BRACKET ON THE BACK OF THE SIGN IS REQUIRED.)</p>	KORMAN SIGNS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (17-FEB-00), (WZ-100), (WZ-100, AMENDMENT 6)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)</p> <p>* APPROVED FOR USE WITH 48" X 60", 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</p> <p><b>RESTRICTIONS -- CONTRACT WORK</b> - THE MINIMUM MOUNTING HEIGHT FOR CONTRACT WORK IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</p>

(Category II Continued)

## PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGN SUBSTRATES AND RIGID SIGN SUBSTRATES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SS548EE" PORTABLE SIGN SUPPORT	<p>PORTABLE SIGN SUPPORT WITH A LONGER TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND STEEL TUBE LEGS FOR SUPPORTING A FABRIC SIGN OR RIGID SIGN SUBSTRATE OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" AND UP TO 84" ABOVE THE GROUND</p> <p>(60" MOUNTING HEIGHT - THE LIGHTWEIGHT BOLT-ON BRACKET ON THE BACK OF THE SIGN IS REQUIRED.)</p>	KORMAN SIGNS, INC.	CONTRACT	<p>APPROVED NCHRP REPORT 350, (10-JUL-03), (WZ-100 AMENDMENT #3), (WZ-100, AMENDMENT 6)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)</p> <p>* APPROVED FOR USE WITH 48" X 60", 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</p> <p><b>RESTRICTIONS -- CONTRACT WORK</b> - THE MINIMUM MOUNTING HEIGHT FOR CONTRACT WORK IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</p>
"SS548UC" PORTABLE SIGN SUPPORT	<p>PORTABLE SIGN SUPPORT WITH A STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND TELESCOPIC STEEL LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING A MAXIMUM HEIGHT OF 21" ABOVE THE GROUND.</p> <p>(MOUNTING RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATES - AN ADAPTIVE FIBERGLASS RIB MUST BE ATTACHED TO THE BACK OF THE SIGN)</p>	KORMAN SIGNS, INC.	SCDOT	<p>APPROVED NCHRP REPORT 350, (17-FEB-00), (WZ-100), (WZ-100, AMENDMENT 1)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)</p> <p>* APPROVED FOR USE WITH 48" X 60", 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</p>

(Category II Continued)

## PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGN SUBSTRATES AND RIGID SIGN SUBSTRATES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SS548UCA" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH A STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND ALUMINUM TELESCOPIC LEGS FOR SUPPORTING A FABRIC SIGN SUBSTRATE OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING A MAXIMUM HEIGHT OF 21" ABOVE THE GROUND.  (MOUNTING RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATES - AN ADAPTIVE FIBERGLASS RIB MUST BE ATTACHED TO THE BACK OF THE SIGN)	KORMAN SIGNS, INC.	SCDOT	APPROVED NCHRP REPORT 350, (17-FEB-00), (WZ-100), (WZ-100, AMENDMENT 1)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR COMPACT SIGN STAND FOR USE WITH ROLL-UP SIGN", (01-MAY-00)  <i>* APPROVED FOR USE WITH 48" X 60", 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>
"SS560" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH A TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND RIGID STEEL LEGS FOR SUPPORTING A FABRIC OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	KORMAN SIGNS, INC.	CONTRACT	APPROVED NCHRP REPORT 350, (17-FEB-00), (WZ-29)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)  <i>* APPROVED FOR USE WITH 48" X 60", 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>
"SS560A" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH A TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	KORMAN SIGNS, INC.	ALL	APPROVED NCHRP REPORT 350, (17-FEB-00), (WZ-29)  APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)  <i>* APPROVED FOR USE WITH 48" X 60", 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>

(Category II Continued)

**PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGN SUBSTRATES AND RIGID SIGN SUBSTRATES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SS560AE" PORTABLE SIGN SUPPORT	<p>PORTABLE SIGN SUPPORT WITH A TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" AND UP TO 84" ABOVE THE GROUND</p> <p>(MOUNTING RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATES AT 84" MOUNTING HEIGHT - THE LIGHTWEIGHT BOLT-ON BRACKET ON THE BACK OF THE SIGN IS REQUIRED)</p>	KORMAN SIGNS, INC.	CONTRACT	<p>APPROVED NCHRP REPORT 350, (10-JUL-03), (WZ-100 AMENDMENT #3)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)</p> <p>* APPROVED FOR USE WITH 48" X 60", 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</p> <p><b><u>RESTRICTIONS – CONTRACT WORK – THE MINIMUM MOUNTING HEIGHT FOR CONTRACT WORK IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</u></b></p>
"SS560AEE" PORTABLE SIGN SUPPORT	<p>PORTABLE SIGN SUPPORT WITH A LONGER TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND ALUMINUM LEGS FOR SUPPORTING A FABRIC OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" AND UP TO 84" ABOVE THE GROUND</p>	KORMAN SIGNS, INC.	CONTRACT	<p>APPROVED NCHRP REPORT 350, (10-JUL-03), (WZ-100 AMENDMENT #3)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)</p> <p>* APPROVED FOR USE WITH 48" X 60", 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</p> <p><b><u>RESTRICTIONS – CONTRACT WORK – THE MINIMUM MOUNTING HEIGHT FOR CONTRACT WORK IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</u></b></p>

(Category II Continued)

## PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGN SUBSTRATES AND RIGID SIGN SUBSTRATES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SS560E" PORTABLE SIGN SUPPORT	<p>PORTABLE SIGN SUPPORT WITH A TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND STEEL LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" AND UP TO 84" ABOVE THE GROUND</p> <p>(MOUNTING RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATES AT 84" MOUNTING HEIGHT - THE LIGHTWEIGHT BOLT-ON BRACKET ON THE BACK OF THE SIGN IS REQUIRED)</p>	KORMAN SIGNS, INC.	CONTRACT	<p>APPROVED NCHRP REPORT 350, (10-JUL-03), (WZ-100 AMENDMENT #3)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)</p> <p>* APPROVED FOR USE WITH 48" X 60", 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</p> <p><b>RESTRICTIONS – CONTRACT WORK – THE MINIMUM MOUNTING HEIGHT FOR CONTRACT WORK IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</b></p>
"SS560EE" PORTABLE SIGN SUPPORT	<p>PORTABLE SIGN SUPPORT WITH A LONGER TELESCOPIC STEEL MAST SUPPORTED BY TWO EXTENSION SPRINGS AND STEEL TUBE LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" AND UP TO 84" ABOVE THE GROUND</p>	KORMAN SIGNS, INC.	CONTRACT	<p>APPROVED NCHRP REPORT 350, (10-JUL-03), (WZ-100 AMENDMENT #3)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00)</p> <p>* APPROVED FOR USE WITH 48" X 60", 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</p> <p><b>RESTRICTIONS -- CONTRACT WORK - THE MINIMUM MOUNTING HEIGHT FOR CONTRACT WORK IS FOR THE BOTTOM OF THE SIGN TO BE NO LESS THAN 60" ABOVE THE GROUND.</b></p>

(Category II Continued)

## PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGN SUBSTRATES AND RIGID SIGN SUBSTRATES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"4850RBK WINDMASTER SIGNHOLDER" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY A DUAL SPRING BASE AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	MARKETING DISPLAYS INTERNATIONAL TRAFFIC CONTROL PRODUCTS	ALL	APPROVED NCHRP REPORT 350, (03-MAR-00), (WZ-28) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR REFLECTIVE ROLL-UP SIGNS", (03-MAY-00) <i>* APPROVED FOR USE WITH 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>
"4860K WINDMASTER SIGNHOLDER" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY A DUAL SPRING BASE AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	MARKETING DISPLAYS INTERNATIONAL TRAFFIC CONTROL PRODUCTS	CONTRACT	APPROVED NCHRP REPORT 350, (03-MAR-00), (WZ-28) APPROVED NCHRP REPORT 350, (09-MAY-01), (WZ-69) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR REFLECTIVE ROLL-UP SIGNS", (03-MAY-00) <i>* APPROVED FOR USE WITH 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>
"4884K WINDMASTER SIGNHOLDER" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY A DUAL SPRING BASE AND ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" AND UP TO 84" ABOVE THE GROUND	MARKETING DISPLAYS INTERNATIONAL TRAFFIC CONTROL PRODUCTS	CONTRACT	APPROVED NCHRP REPORT 350, (27-FEB-03), (WZ-138) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR REFLECTIVE ROLL-UP SIGNS", (03-MAY-00) <i>* APPROVED FOR USE WITH 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>

(Category II Continued)

## PORTABLE SIGN SUPPORTS for USE WITH ROLL-UP SIGN SUBSTRATES AND RIGID SIGN SUBSTRATES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"4884KET WINDMASTER SIGNHOLDER" PORTABLE SIGN SUPPORT	PORTABLE SIGN SUPPORT WITH AN EXTENDABLE ALUMINUM MAST SUPPORTED BY A DUAL SPRING BASE AND TELESCOPIC ALUMINUM LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" AND UP TO 84" ABOVE THE GROUND	MARKETING DISPLAYS INTERNATIONAL TRAFFIC CONTROL PRODUCTS	ALL	APPROVED NCHRP REPORT 350, (27-FEB-03), (WZ-138) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR REFLECTIVE ROLL-UP SIGNS", (03-MAY-00) <i>* APPROVED FOR USE WITH 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>
"BIG BUSTER" PORTABLE SIGN STAND	PORTABLE SIGN SUPPORT WITH A TELESCOPIC SQUARE EXTRUDED ALUMINUM TUBING INNER MAST WITHIN AN ALUMINUM SQUARE TUBING OUTER MAST SUPPORTED BY TWO SPRINGS AND METAL LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" ABOVE THE GROUND	TRAFFIX DEVICES, INC.	ALL	APPROVED NCHRP REPORT 350, (28-DEC-99), (WZ-24) APPROVED NCHRP REPORT 350, (31-JUL-00), (WZ-46) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00) <i>* APPROVED FOR USE WITH 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>
"SUPER BUSTER" PORTABLE SIGN STAND	PORTABLE SIGN SUPPORT WITH A TELESCOPIC SQUARE EXTRUDED ALUMINUM TUBING INNER MAST WITHIN AN ALUMINUM SQUARE TUBING OUTER MAST SUPPORTED BY TWO SPRINGS AND METAL LEGS FOR SUPPORTING A FABRIC SIGN OR A RIGID ALUMINUM LAMINATE COMPOSITE SIGN SUBSTRATE WITH THE BOTTOM OF THE SIGN BEING NO LESS THAN 60" AND UP TO 84" ABOVE THE GROUND	TRAFFIX DEVICES, INC.	ALL	APPROVED NCHRP REPORT 350, (10-JUL-06), (WZ-234) APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR SIGN STAND FOR USE WITH ROLL-UP SIGN WITH FIVE FOOT MOUNTING HEIGHT", (02-MAY-00) <i>* APPROVED FOR USE WITH 48" X 48" OR SMALLER RIGID ALUMINUM LAMINATE SUBSTRATES NO THICKER THAN 2MM, KNOWN AS "ACOPAN", "ALPOLIC", "DIBOND" AND "REYNOLITE"</i>

(Category II Continued)

**SIGN SUBSTRATES FOR PORTABLE SIGN SUPPORTS**

SEE SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR REFLECTIVE ROLL-UP SIGNS", DATED 03-MAY-00

SEE QUALIFIED PRODUCTS LISTING 20

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
REFLECTIVE ROLL-UP SIGN	<p>TEMPORARY CONSTRUCTION SIGN CONSTRUCTED OF AN APPROVED REFLECTIVE FABRIC MATERIAL SUBSTRATE ATTACHED TO TWO FIBERGLASS BATTENS AND MOUNTED ON A PORTABLE SIGN SUPPORT OR TYPE III BARRICADE. THE APPROVED REFLECTIVE FABRIC MATERIALS SHALL BE MANUFACTURED BY EITHER 3-M TRAFFIC CONTROL MATERIALS DIVISION OR REFLEXITE NORTH AMERICA.</p> <p>THE 3-M REFLECTIVE MATERIAL SHALL BE EITHER THE DIAMOND GRADE FLORESCENT ORANGE OR THE DIAMOND GRADE WHITE.</p> <p>THE REFLEXITE REFLECTIVE MATERIAL SHALL BE EITHER THE MARATHON FLORESCENT ORANGE OR THE MARATHON WHITE.</p>	<p>EASTERN METAL / USA SIGN - (A)</p> <p>DICKE SAFETY PRODUCTS - (B)</p> <p>KORMAN SIGNS, INC. (C)</p> <p>MDI TRAFFIC CONTROL PRODUCTS - (D)</p> <p>SAFETY PRODUCTS, INC. - (E)</p> <p>TRAFFIX DEVICES, INC. - (F)</p> <p>SIGNS &amp; SAFETY, (G)</p> <p>BONE SAFETY SIGNS, (H)</p>	ALL	<p>(A) - APPROVED NCHRP REPORT 350, (03-JUN-99), (WZ-13)</p> <p>(B) - APPROVED NCHRP REPORT 350, (20-JUL-99), (WZ-17)</p> <p>(C) - APPROVED NCHRP REPORT 350, (17-FEB-00), (WZ-29)</p> <p>(D) - APPROVED NCHRP REPORT 350, (16-JUL-98), APPROVAL GRANTED BY MEMO (28-AUG-98), (WZ-3)</p> <p>(E) - APPROVAL GRANTED BY MEMO (15-NOV-01), (WZ-85)</p> <p>(F) - APPROVED NCHRP REPORT 350, (28-DEC-99), (WZ-24)</p> <p>(G) - APPROVED NCHRP REPORT 350, (20-JUL-99), (WZ-17)</p> <p>(H) - APPROVED NCHRP REPORT 350, (26-JAN-01), (WZ-67)</p> <p>APPROVED FOR SUPPLEMENTAL SPECIFICATION, "SPECIFICATIONS FOR REFLECTIVE ROLL-UP SIGNS", (03-MAY-00)</p> <p><b>RESTRICTIONS</b> -- ALL ROLL-UP RETROREFLECTIVE MATERIAL SHALL COMPLY WITH SCOT APPROVED QUALIFIED PRODUCTS POLICY AND ALL ACCEPTABLE PRODUCTS SHALL BE INCLUDED ON QUALIFIED PRODUCTS LISTING 20.</p>

(Category II Continued)

## SIGN SUBSTRATES FOR PORTABLE SIGN SUPPORTS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"ACOPAN" ALUMINUM LAMINATE COMPOSITE RIGID SIGN BLANK	TEMPORARY CONSTRUCTION SIGN CONSTRUCTED OF A RIGID LAMINATE COMPOSITE SIGN SUBSTRATE COMPOSED OF TWO SHEETS OF ALUMINUM WITH A LOW DENSITY POLYETHYLENE CORE MOUNTED ON A PORTABLE SIGN SUPPORT OR A GROUND MOUNTED SIGN SUPPORT	HUB INTERNATIONAL TRADE / ACOPAN.  Distributed by MIDDLE GEORGIA SIGNS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (6-DEC-07), (WZ-261)</p> <p><b><u>RESTRICTIONS -</u></b></p> <p>(1) <b>SIGN SUBSTRATES FABRICATED FROM THIS PRODUCT ARE RESTRICTED TO A MAXIMUM THICKNESS OF 2MM (.075").</b></p> <p>(2) <b>ALPOLIC, DIBOND AND REYNOLITE ARE CONSIDERED EQUAL ALTERNATIVES PER FHWA (WZ-78A) AND (WZ-261).</b></p> <p>(3) <b>APPROVED FOR USE WITH THOSE PORTABLE SIGN SUPPORTS DESIGNATED FOR USE WITH RIGID SIGN SUBSTRATES PER THIS APPROVED PRODUCTS LIST.</b> ALSO, APPROVED ONLY AS A 48" X 48" DIAMOND SHAPED SIGN EXCEPT FOR THOSE PORTABLE SIGN SUPPORTS INDICATED BELOW IN NOTE 4.</p> <p>(4) <b>APPROVED WITH EASTERN METALS / USA SIGN MODEL "X-602" AT A 48" X 60" SIZE SIGN. ONLY SIGN SUPPORT APPROVED WITH THIS SIZE SIGN.</b></p> <p>(5) <b>APPROVED FOR CENTER MOUNTING TO ALL APPROVED TYPE III BARRICADES.</b></p> <p>(6) <b>APPROVED AS AN ALTERNATE FOR 0.10" ALUMINUM SIGN BLANKS MOUNTED ON 3 PPF U-CHANNEL POSTS AND SQUARE STEEL TUBE POSTS.</b></p>

(Category II Continued)

## SIGN SUBSTRATES FOR PORTABLE SIGN SUPPORTS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"ALPOLIC" ALUMINUM LAMINATE COMPOSITE RIGID SIGN BLANK	TEMPORARY CONSTRUCTION SIGN CONSTRUCTED OF A RIGID LAMINATE COMPOSITE SIGN SUBSTRATE COMPOSED OF TWO SHEETS OF ALUMINUM WITH A POLYETHYLENE CORE FOR MOUNTING ON A PORTABLE SIGN SUPPORT OR A GROUND MOUNTED SIGN SUPPORT.	MITSUBISHI CHEMICAL AMERICA, INC.  Distributed by KORMAN SIGNS, INC.	ALL	<p>APPROVED NCHRP REPORT 350, (17-FEB-00), (WZ-29), (WZ-85)</p> <p><b><u>RESTRICTIONS -</u></b></p> <p>(1) SIGN SUBSTRATES FABRICATED FROM THIS PRODUCT ARE RESTRICTED TO A MAXIMUM THICKNESS OF 2MM (.075").</p> <p>(2) ACOPAN, DIBOND AND REYNOLITE ARE CONSIDERED EQUAL ALTERNATIVES PER FHWA (WZ-78A) AND (WZ-261 AND (WZ-261).</p> <p>(3) APPROVED FOR USE WITH THOSE PORTABLE SIGN SUPPORTS DESIGNATED FOR USE WITH RIGID SIGN SUBSTRATES PER THIS APPROVED PRODUCTS LIST. ALSO, APPROVED ONLY AS A 48" X 48" DIAMOND SHAPED SIGN EXCEPT FOR THOSE PORTABLE SIGN SUPPORTS INDICATED BELOW IN NOTE 4.</p> <p>(4) APPROVED WITH EASTERN METALS / USA SIGN MODEL "X-602" AT A 48" X 60" SIZE SIGN. ONLY SIGN SUPPORT APPROVED WITH THIS SIZE SIGN.</p> <p>(5) APPROVED FOR CENTER MOUNTING TO ALL APPROVED TYPE III BARRICADES.</p> <p>(6) APPROVED AS AN ALTERNATE FOR 0.10" ALUMINUM SIGN BLANKS MOUNTED ON 3 PPF U-CHANNEL POSTS AND SQUARE STEEL TUBE POSTS.</p>

(Category II Continued)

## SIGN SUBSTRATES FOR PORTABLE SIGN SUPPORTS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"DIBOND" ALUMINUM LAMINATE COMPOSITE RIGID SIGN BLANK	TEMPORARY CONSTRUCTION SIGN CONSTRUCTED OF A THERMOPLASTIC CORE SANDWICHED BETWEEN TWO SHEETS OF ALUMINUM COMPOSITE MATERIAL .012" THICK FOR MOUNTING ON A PORTABLE SIGN SUPPORT OR A GROUND MOUNTED SIGN SUPPORT.	ALCAN COMPOSITES USA INC.	ALL	<p>APPROVED NCHRP REPORT 350, (15-JUN-01), (WZ-79), (WZ-85)</p> <p><b><u>RESTRICTIONS -</u></b></p> <p>(1) SIGN SUBSTRATES FABRICATED FROM THIS PRODUCT ARE RESTRICTED TO A MAXIMUM THICKNESS OF 2MM (.075").</p> <p>(2) ACOPAN, ALPOLIC AND REYNOLITE ARE CONSIDERED EQUAL ALTERNATIVES PER FHWA (WZ-78A) AND (WZ-261).</p> <p>(3) APPROVED FOR USE WITH THOSE PORTABLE SIGN SUPPORTS DESIGNATED FOR USE WITH RIGID SIGN SUBSTRATES PER THIS APPROVED PRODUCTS LIST. ALSO, APPROVED ONLY AS A 48" X 48" DIAMOND SHAPED SIGN EXCEPT FOR THOSE PORTABLE SIGN SUPPORTS INDICATED BELOW IN NOTE 4.</p> <p>(4) APPROVED WITH EASTERN METALS / USA SIGN MODEL "X-602" AT A 48" X 60" SIZE SIGN. ONLY SIGN SUPPORT APPROVED WITH THIS SIZE SIGN.</p> <p>(5) APPROVED FOR CENTER MOUNTING TO ALL APPROVED TYPE III BARRICADES.</p> <p>(6) APPROVED AS AN ALTERNATE FOR 0.10" ALUMINUM SIGN BLANKS MOUNTED ON 3 PPF U-CHANNEL POSTS AND SQUARE STEEL TUBE POSTS.</p>

(Category II Continued)

## SIGN SUBSTRATES FOR PORTABLE SIGN SUPPORTS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"REYNOLITE" ALUMINUM LAMINATE COMPOSITE RIGID SIGN BLANK	TEMPORARY CONSTRUCTION SIGN CONSTRUCTED OF A RIGID LAMINATE COMPOSITE SIGN SUBSTRATE COMPOSED OF A THERMOPLASTIC COMPOUND CORE OF LOW DENSITY POLYETHYLENE SANDWICHEDE BETWEEN TWO CORROSION RESISTANT SHEETS OF ALLOY ALUMINUM .010" THICK FOR MOUNTING ON A PORTABLE SIGN SUPPORT OR A GROUND MOUNTED SIGN SUPPORT.	REYNOLDS ALUMINUM SUPPLY COMPANY	ALL	<p>APPROVED NCHRP REPORT 350, (15-JUN-01), (WZ-78A), (WZ-85)</p> <p><b><u>RESTRICTIONS -</u></b></p> <p>(1) SIGN SUBSTRATES FABRICATED FROM THIS PRODUCT ARE RESTRICTED TO A MAXIMUM THICKNESS OF 2MM (.075").</p> <p>(2) ACOPAN, ALPOLIC AND DIBOND ARE CONSIDERED EQUAL ALTERNATIVES PER FHWA (WZ-78A) AND (WZ-261).</p> <p>(3) APPROVED FOR USE WITH THOSE PORTABLE SIGN SUPPORTS DESIGNATED FOR USE WITH RIGID SIGN SUBSTRATES PER THIS APPROVED PRODUCTS LIST. ALSO, APPROVED ONLY AS A 48" X 48" DIAMOND SHAPED SIGN EXCEPT FOR THOSE PORTABLE SIGN SUPPORTS INDICATED BELOW IN NOTE 4.</p> <p>(4) APPROVED WITH EASTERN METALS / USA SIGN MODEL "X-602" AT A 48" X 60" SIZE SIGN. ONLY SIGN SUPPORT APPROVED WITH THIS SIZE SIGN.</p> <p>(5) APPROVED FOR CENTER MOUNTING TO ALL APPROVED TYPE III BARRICADES.</p> <p>(6) APPROVED AS AN ALTERNATE FOR 0.10" ALUMINUM SIGN BLANKS MOUNTED ON 3 PPF U-CHANNEL POSTS AND SQUARE STEEL TUBE POSTS.</p>

## APPROVED WORK ZONE TRAFFIC CONTROL DEVICES

## CATEGORY III

## TRUCK MOUNTED ATTENUATORS

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 605

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"U-MAD 70K" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 2)	CARTRIDGE	ALBERT W. UNRATH, INC.  Manufactured & Distributed by DIMENSIONAL PRODUCTS, INC.	ALL	APPROVED TEST LEVEL 2, (01-FEB-03), (CC-64B)  <b><i>RESTRICTIONS</i></b> – (1) APPROVED ONLY ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR LESS PRIOR TO CONSTRUCTION. (2) APPROVED ONLY WITH SUPPORT VEHICLES WITH A GROSS VEHICULAR WEIGHT OF 18,950 LBS.
"U-MAD 100K" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3)	CARTRIDGE	ALBERT W. UNRATH, INC.  Manufactured & Distributed by DIMENSIONAL PRODUCTS, INC.	ALL	APPROVED TEST LEVEL 3, (30-MAR-00), (CC-64) WEIGHT RESTRICTIONS BASED ON FHWA APPROVAL CLARIFICATION, (18-JUL-00), (CC-64A)  <b><i>RESTRICTIONS</i></b> -- APPROVED ONLY WITH SUPPORT VEHICLES WITH A GROSS VEHICULAR WEIGHT OF 18,950 LBS.
"ALPHA 70K" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 2)	CARTRIDGE	VALTIR, LLC	ALL	APPROVED TEST LEVEL 2, (19-MAR-96), (CC-32)  <b><i>RESTRICTIONS</i></b> -- APPROVED ONLY ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR LESS PRIOR TO CONSTRUCTION.
"ALPHA 100K" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3)	CARTRIDGE	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (24-APR-97), (CC-39)
"SAFE-STOP" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3)	CARTRIDGE	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (02-APR-99), (CC-59)  <b><i>RESTRICTIONS</i></b> – (1) APPROVED ONLY WITH SUPPORT VEHICLES WITH A GROSS VEHICULAR WEIGHT BETWEEN 16,090 LBS. AND 19,845 LBS.

(Category III Continued)

## TRUCK MOUNTED ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SAFE-STOP 180" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3)	CARTRIDGE	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (11-JUL-02), (CC-78)  <b>RESTRICTIONS</b> – (1) APPROVED ONLY WITH SUPPORT VEHICLES WITH A GROSS VEHICULAR WEIGHT BETWEEN 16,090 LBS. AND 19,845 LBS.
"SAFE-STOP TRAILER" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3)	CARTRIDGE TYPE TMA MOUNTED ON A TRAILER ATTACHED TO THE TRUCK VIA A TRAILER HITCH AND TRUCK MOUNTING PLATE AND TWO HYDRAULIC CYLINDERS	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (15-JUN-05), (CC-78C)
"VORTEQ TRAILER" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3)	MECHANICAL - TMA MOUNTED ON A TRAILER COMPOSED OF AN IMPACT HEAD, UPPER AND LOWER FRAME TUBES, AN X-BRACE, A SUSPENSION SYSTEM, AND TONGUE FOR ATTACHMENT TO THE TRUCK.	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (8-FEB-08), (CC-104)
"VORTEQ M TRAILER" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3) MASH	MECHANICAL - TMA MOUNTED ON A TRAILER COMPOSED OF AN IMPACT HEAD WITH FACE PLATE, ENERGY ABSORBING SHARPER RAILS AND TONGUE FOR ATTACHMENT TO THE TRUCK.	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (8-MAR-23), (CC-172)  <b>RESTRICTIONS</b> – (1) APPROVED ONLY WITH SUPPORT VEHICLES WITH A MINIMUM GROSS VEHICULAR WEIGHT OF 12,200 LBS.
"TTMA 100" TRAILER TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3)	MECHANICAL - TMA COMPOSED OF AN IMPACT HEAD ASSEMBLY, A THREE LEVEL ABSORPTION SYSTEM OF BURSTING METAL TUBES MOUNTED ON A TRAILER WITH HITCH ASSEMBLY FOR ATTACHMENT TO A TRUCK.	GREGORY INDUSTRIES	ALL	APPROVED TEST LEVEL 3, (15-APR-05), (CC-90) (18-SEP-06), (CC-90A)
"TTMA 200" TRAILER TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3) MASH	MECHANICAL	GREGORY INDUSTRIES	ALL	APPROVED TEST LEVEL 3, (06-MAR-19), (CC-152)

(Category III Continued)

## TRUCK MOUNTED ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SCORPION A 10,000" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 2)	CARTRIDGE	TRAFFIX DEVICES, INC.	ALL	APPROVED TEST LEVEL 2, (14-JUL-00), (CC-65) WEIGHT RESTRICTIONS BASED ON FHWA APPROVAL CLARIFICATION, (18-JUL-00), (CC-64A)  <b>RESTRICTIONS</b> -- (1) APPROVED ONLY WITH SUPPORT VEHICLES WITH A GROSS VEHICULAR WEIGHT BETWEEN 18,850 LBS. AND 20,834 LBS. (2)- APPROVED ONLY ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR LESS PRIOR TO CONSTRUCTION.
"SCORPION C 10,000" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3)	CARTRIDGE	TRAFFIX DEVICES, INC.	ALL	APPROVED TEST LEVEL 3, (14-JUL-00), (CC-65) WEIGHT RESTRICTIONS BASED ON FHWA APPROVAL CLARIFICATION, (18-JUL-00), (CC-64A)  <b>RESTRICTIONS</b> -- APPROVED ONLY WITH SUPPORT VEHICLES WITH A GROSS VEHICULAR WEIGHT BETWEEN 18,850 LBS. AND 20,834 LBS.
"SCORPION TRAILER ATTENUATOR" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3)	CARTRIDGE TYPE TMA MOUNTED ON A TRAILER ATTACHED TO THE TRUCK VIA A TRAILER HITCH AND A TELESCOPING ANTI-ROTATIONAL SYSTEM	TRAFFIX DEVICES, INC.	ALL	APPROVED TEST LEVEL 3, (16-MAR-07), (CC-65B) (3-MAR-08), (CC-65C)  <b>RESTRICTIONS</b> -- APPROVED ONLY WITH SUPPORT VEHICLES WITH A GROSS VEHICULAR WEIGHT OF 10,000 LBS, OR GREATER.
"SCORPION II TL-3" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3 - MASH)	CARTRIDGE	TRAFFIX DEVICES, INC.	ALL	APPROVED MASH TEST LEVEL 3, (15-JUN-17), (CC-132)  <b>RESTRICTIONS</b> -- APPROVED ONLY WITH SUPPORT VEHICLES WITH A GROSS VEHICULAR WEIGHT OF 15,000 LBS. OR GREATER.
"SCORPION II TL-3 TRAILER ATTENUATOR" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3 - MASH)	CARTRIDGE TYPE TMA MOUNTED ON A TRAILER ATTACHED TO THE TRUCK VIA A TRAILER HITCH AND A TELESCOPING ANTI-ROTATIONAL SYSTEM	TRAFFIX DEVICES, INC.	ALL	APPROVED MASH TEST LEVEL 3, (15-SEP-17), (CC-138)  <b>RESTRICTIONS</b> -- APPROVED ONLY WITH SUPPORT VEHICLES WITH A GROSS VEHICULAR WEIGHT OF 12,000 LBS. OR GREATER.

(Category III Continued)

**TRUCK MOUNTED ATTENUATORS (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MPS 350" TRUCK MOUNTED ATTENUATOR Aka: (MPS 350-X TRUCK MOUNTED ATTENATOR (TEST LEVEL 2) (TEST LEVEL 3)	MECHANICAL	VALTIR, LLC	ALL	APPROVED TEST LEVEL 2, (12-JUN-96), (CC-34) APPROVED TEST LEVEL 3, (30-OCT-96), (CC-34A)
BLADE TMA (TEST LEVEL 3 - MASH)	MECHANICAL	VERDEGRO USA LLC	ALL	APPROVED MASH TEST LEVEL 3, (07-JUL-17), (CC-136)
"SMT" TRAILER MOUNTED ATTENUATOR (TEST LEVEL 3 – MASH)	CARTRIDGE	VALTIR, LLC	ALL	APPROVED MASH TEST LEVEL 3, (01-APR-20), (CC-160) <b>RESTRICTIONS</b> – APPROVED ONLY WITH SUPPORT VEHICLES WITH A GROSS VEHICULAR WEIGHT OF 12,000 LBS. TO 25,000 LBS.
"SS180" TRUCK MOUNTED ATTENUATOR (TEST LEVEL 3 – MASH)	CARTRIDGE	VALTIR, LLC	ALL	APPROVED MASH TEST LEVEL 3, (01-APR-20), (CC-159) <b>RESTRICTIONS</b> – APPROVED ONLY WITH SUPPORT VEHICLES WITH A GROSS VEHICULAR WEIGHT OF 13,500 LBS. TO 25,000 LBS.

(Category III Continued)

**PORTABLE TERMINAL IMPACT ATTENUATORS**

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 605

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"ABSORB 350" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3)	NON-REDIRECTIVE AND GATING MULTIPLE WATER-FILLED LOW DENSITY POLYETHYLENE CARTRIDGE SYSTEM WITH EIGHT CARTRIDGES	BARRIER SYSTEMS, INC.	CONTRACT	<p>APPROVED TEST LEVEL 3, (11-MAY-00), (CC-66)            APPROVED for "SAFEGUARD LINK SYSTEM", TEST LEVEL 3, (09-DEC-03), (CC-66B)</p> <p><b><i>RESTRICTIONS</i></b> -- (1) MAY ONLY ACT AS AN END TREATMENT FOR "QUICK CHANGE MEDIAN BARRIER" AND "SAFEGUARD LINK SYSTEM".            (2) ACCEPTANCE APPROVED FOR TEST LEVEL 3 CONDITIONS ONLY.            (3) MAY ONLY BE USED IN SPECIFIC SITUATIONS WITH "QUICK CHANGE MEDIAN BARRIER" AND "SAFEGUARD LINK SYSTEM" OR AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS</p>
"TAU-II" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 2)	4 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	BARRIER SYSTEMS, INC.	ALL	<p>APPROVED TEST LEVEL 2, (14-SEP-01), (CC-75)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b><i>RESTRICTIONS</i></b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 45 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p>
"TAU-II" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 60 MPH)	8 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	BARRIER SYSTEMS, INC.	ALL	<p>APPROVED TEST LEVEL 3, (14-SEP-01), (CC-75)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b><i>RESTRICTIONS</i></b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p>

(Category III Continued)

## PORTABLE TERMINAL IMPACT ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TAU-II" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 70 MPH)	8 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	BARRIER SYSTEMS, INC.	ALL	APPROVED TEST LEVEL 3, (20-DEC-02), (CC-75A)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"TAU-II-R" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 2)  REUSABLE / RESTORABLE UNIT	"NARROW" - 4 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES. CARTRIDGES ARE RE-USEABLE / RESTORABLE ELEMENTS FABRICATED FROM PROPRIETARY HYPERELASTIC POLYURETHANE.	BARRIER SYSTEMS, INC.	ALL	APPROVED TEST LEVEL 2, (18-AUG-11), (CC-75D)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 45 MPH OR LESS PRIOR TO THE PRESENCE OF A WORK ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"TAU-II-R" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 60 MPH)  REUSABLE / RESTORABLE UNIT	"NARROW" - 8 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES. CARTRIDGES ARE RE-USEABLE / RESTORABLE ELEMENTS FABRICATED FROM PROPRIETARY HYPERELASTIC POLYURETHANE.	BARRIER SYSTEMS, INC.	ALL	APPROVED TEST LEVEL 2, (18-AUG-11), (CC-75D)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A WORK ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"TAU-II-R" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 60 MPH)  REUSABLE / RESTORABLE UNIT	"FLARED" - 7 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES. CARTRIDGES ARE RE-USEABLE / RESTORABLE ELEMENTS FABRICATED FROM PROPRIETARY HYPERELASTIC POLYURETHANE.	BARRIER SYSTEMS, INC.	ALL	APPROVED TEST LEVEL 2, (18-AUG-11), (CC-75D)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A WORK ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.

(Category III Continued)

## PORTABLE TERMINAL IMPACT ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TAU-II-R" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 60 MPH) REUSABLE / RESTORABLE UNIT	"WIDE FLARED" - 7 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES. CARTRIDGES ARE RE-USEABLE / RESTORABLE ELEMENTS FABRICATED FROM PROPRIETARY HYPERELASTIC POLYURETHANE.	BARRIER SYSTEMS, INC.	ALL	APPROVED TEST LEVEL 2, (18-AUG-11), (CC-75D)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A WORK ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"TAU-II-R" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 70 MPH) REUSABLE / RESTORABLE UNIT	"NARROW" - 10 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES. CARTRIDGES ARE RE-USEABLE / RESTORABLE ELEMENTS FABRICATED FROM PROPRIETARY HYPERELASTIC POLYURETHANE.	BARRIER SYSTEMS, INC.	ALL	APPROVED TEST LEVEL 2, (18-AUG-11), (CC-75D)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A WORK ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"HERCULES CRASH CUSHION" (TEST LEVEL 3)	COLLAPSABLE BEAM MADE UP OF 10 MODULES WITH REDIRECTIVE AND NON-GATING CAPABILITIES. MADE OF STEEL AND IS REPAIRABLE.	SMA ROAD SAFETY	ALL	APPROVED TEST LEVEL 3, (19-NOV-19), (CC-156)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A WORK ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"SMARTPOD" CRASH CUSHION MASH TEST LEVEL 3	7 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	HILL & SMITH, INC.	ALL	APPROVED TEST LEVEL 3, (12-JAN-24), (CC-177)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A WORK ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.

(Category III Continued)

## PORTABLE TERMINAL IMPACT ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"QUADGUARD" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 2)	3 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	VALTIR, LLC	ALL	APPROVED TEST LEVEL 2, (17-JUN-99), (CC-35C)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b><i>RESTRICTIONS</i></b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 45 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"QUADGUARD" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 60 MPH)	6 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (05-AUG-96), (CC-35A)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b><i>RESTRICTIONS</i></b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"QUADGUARD" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 70 MPH)	9 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (13-AUG-00), (CC-35D)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b><i>RESTRICTIONS</i></b> -- (1) MAY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A WORK ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.

(Category III Continued)

## PORTABLE TERMINAL IMPACT ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"QUADGUARD HS" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 70 MPH)	<p>9 BAY CARTRIDGE AND SPACE - FRAME DIAPHRAGM SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES.</p> <p>BAYS 1 AND 2 ARE FORMED WITH 3 SPACE - FRAME DIAPHRAGMS AND CONTAIN NO CARTRIDGES.</p> <p>BAYS 3 AND 4 CONTAIN TYPE I CARTRIDGES.</p> <p>BAYS 5 THROUGH 9 CONTAIN TYPE II CARTRIDGES.</p>	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 3, (19-OCT-01), (CC-35E)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p>
"QUADGUARD CZ" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 2)	3 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES MOUNTED ON MODULAR STEEL PLATE	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 2, (17-JUN-99), (CC-35C)</p> <p>APPROVED MOUNTING ON MODULAR STEEL PLATE, (10-DEC-03), (CC-35F)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 45 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p>
"QUADGUARD CZ" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 60 MPH)	6 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES MOUNTED ON MODULAR STEEL PLATE	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 3, (05-AUG-96), (CC-35A)</p> <p>APPROVED MOUNTING ON MODULAR STEEL PLATE, (10-DEC-03), (CC-35F)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p>

(Category III Continued)

## PORTABLE TERMINAL IMPACT ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"QUADGUARD CZ" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 70 MPH)	9 BAY CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (13-AUG-00), (CC-35D)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A WORK ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"QUADGUARD HS CZ" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 70 MPH)	9 BAY CARTRIDGE AND SPACE - FRAME DIAPHRAGM SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES MOUNTED ON MODULAR STEEL PLATE  BAYS 1 AND 2 ARE FORMED WITH 3 SPACE - FRAME DIAPHRAGMS AND CONTAIN NO CARTRIDGES.  BAYS 3 AND 4 CONTAIN TYPE I CARTRIDGES.  BAYS 5 THROUGH 9 CONTAIN TYPE II CARTRIDGES.	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (19-OCT-01), (CC-35E) APPROVED MOUNTING ON MODULAR STEEL PLATE, (10-DEC-03), (CC-35F)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"QUADGUARD II CZ" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 2)	2 BAY CARTRIDGE SYSTEM WITH A 14 GAUGE STEEL NOSE COVER AND WITH REDIRECTIVE AND NON-GATING CAPABILITIES MOUNTED ON MODULAR STEEL PLATE	VALTIR, LLC	ALL	APPROVED TEST LEVEL 2, (20-MAR-09), (CC-35I) APPROVED MOUNTING ON MODULAR STEEL PLATE, (10-DEC-03), (CC-35F)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 45 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.

(Category III Continued)

**PORTABLE TERMINAL IMPACT ATTENUATORS (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"QUADGUARD II CZ" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3)	5 BAY CARTRIDGE SYSTEM WITH A 14 GAUGE STEEL NOSE COVER AND WITH REDIRECTIVE AND NON-GATING CAPABILITIES MOUNTED ON MODULAR STEEL PLATE	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 3, (20-MAR-09), (CC-35I)            APPROVED MOUNTING ON MODULAR STEEL PLATE, (10-DEC-03), (CC-35F)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p>
"QUADGUARD II WIDE CZ" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3)	5 BAY CARTRIDGE SYSTEM WITH A 14 GAUGE STEEL NOSE COVER AND WITH REDIRECTIVE AND NON-GATING CAPABILITIES MOUNTED ON MODULAR STEEL PLATE	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 3, (20-MAR-09), (CC-35I)            APPROVED MOUNTING ON MODULAR STEEL PLATE, (10-DEC-03), (CC-35F)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p>
"TRITON" WATER FILLED BARRIER (TEST LEVEL 2) (TEST LEVEL 3 - 60 MPH)	PORTABLE LOW DENSITY POLYETHYLENE WATER FILLED BARRIER SYSTEM WITH NON-REDIRECTIVE TERMINAL CAPABILITY TO SERVE AS ITS OWN END PROTECTION WITHOUT THE USE OF AN ADDITIONAL ATTENUATOR.	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 2, (07-JAN-94), (B-26)            APPROVED TEST LEVEL 3, (08-MAY-98), (CC-47)</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY ACT AS AN END TREATMENT FOR TRITON BARRIER.            REQUIRES ADDITION OF PLASTIC PEDESTALS FOR TEST LEVEL 3 CONDITIONS.            (2) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS            (3) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p>

(Category III Continued)

## PORTABLE TERMINAL IMPACT ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"THE QUEST SYSTEM" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 2 - 45 MPH)	W-BEAM FENDER PANELS SUPPORTED BY DIAPHRAGMS WITH REDIRECTIVE AND NON-GATING CAPABILITIES	VALTIR, LLC	CONTRACT	APPROVED TEST LEVEL 3, (10-OCT-06), (CC-87B)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b><i>RESTRICTIONS</i></b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 45 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"THE QUEST SYSTEM" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 60 MPH)	W-BEAM FENDER PANELS SUPPORTED BY DIAPHRAGMS WITH REDIRECTIVE AND NON-GATING CAPABILITIES	VALTIR, LLC	CONTRACT	APPROVED TEST LEVEL 3, (17-FEB-05), (CC-87)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b><i>RESTRICTIONS</i></b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"THE QUEST 115 SYSTEM" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 70 MPH)	W-BEAM FENDER PANELS SUPPORTED BY DIAPHRAGMS WITH REDIRECTIVE AND NON-GATING CAPABILITIES	VALTIR, LLC	CONTRACT	APPROVED TEST LEVEL 3, (17-FEB-05), (CC-87C)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b><i>RESTRICTIONS</i></b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.

(Category III Continued)

## PORTABLE TERMINAL IMPACT ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"REACT 350 (36")" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 3 - 60 MPH)	REUSABLE UNIT COMPOSED OF HIGH-DENSITY POLYETHYLENE CYLINDERS WITH THE ABILITY TO RECOVER A MAJOR PORTION OF SHAPE, POSITION, AND CAPABILITIES AFTER AN IMPACT. CYLINDERS ARE 36" WIDE AND 48" HIGH. THE CYLINDERS ARE CONTAINED BY A RESTRAINING CABLE SYSTEM ATTACHED TO AND EXTENDING BETWEEN THE FRONT ANCHOR AND THE BACKUP ASSEMBLY.	VALTIR, LLC	ALL	<p>APPROVED CONDITIONAL TEST LEVEL 3, (3-MAR-95), (CC-26)</p> <p>APPROVED UNCONDITIONAL TEST LEVEL 3, (12-APR-95), (CC-26A)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p> <p>(2) MAY ONLY BE USED IN LOCATIONS OUTSIDE OF SIGHT TRIANGLES. INSTALLATION ADJACENT TO THESE LOCATIONS REQUIRE THE ENGINEER'S APPROVAL PRIOR TO INSTALLATION.</p>
"TRACC" PORTABLE TERMINAL IMPACT ATTENUATOR a.k.a. TRINITY ATTENUATING CRASH CUSHION (TEST LEVEL 3 - 60 MPH)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 3, (13-NOV-98), (CC-54)</p> <p>APPROVED MODULAR DESIGN, (13-JAN-04), (CC-54F)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p>
"TRACC05" PORTABLE TERMINAL IMPACT ATTENUATOR a.k.a. TRINITY ATTENUATING CRASH CUSHION (TEST LEVEL 3 - 60 MPH)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES  UNIT UTILIZES HORIZONTALLY-ORIENTED RIP PLATES WITH A VERTICAL SHREDDER ASSEMBLY	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 3, (13-NOV-98), (CC-54)</p> <p>APPROVED MODULAR DESIGN, (13-JAN-04), (CC-54F)</p> <p>APPROVED RIP PLATE REVISION, (09-MAR-05), (CC-54G)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p>

(Category III Continued)

## PORTABLE TERMINAL IMPACT ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SHORTRACC" PORTABLE TERMINAL IMPACT ATTENUATOR a.k.a. TRINITY ATTENUATING CRASH CUSHION - TL-2 (TEST LEVEL 2)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	VALTIR, LLC	ALL	APPROVED TEST LEVEL 2, (08-SEP-00), (CC-54A) APPROVED MODULAR DESIGN, (13-JAN-04), (CC-54F)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 45 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"SHORTRACC05" PORTABLE TERMINAL IMPACT ATTENUATOR a.k.a. TRINITY ATTENUATING CRASH CUSHION - TL-2 (TEST LEVEL 2)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES  UNIT UTILIZES HORIZONTALLY-ORIENTED RIP PLATES WITH A VERTICAL SHREDDER ASSEMBLY	VALTIR, LLC	ALL	APPROVED TEST LEVEL 2, (08-SEP-00), (CC-54A) APPROVED MODULAR DESIGN, (13-JAN-04), (CC-54F) APPROVED RIP PLATE REVISION, (09-MAR-05), (CC-54G)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 45 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"FASTRACC" PORTABLE TERMINAL IMPACT ATTENUATOR a.k.a. TRINITY ATTENUATING CRASH CUSHION (TEST LEVEL 3 - 70 MPH)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (10-APR-01), (CC-54B) APPROVED MODULAR DESIGN, (13-JAN-04), (CC-54F)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.

(Category III Continued)

## PORTABLE TERMINAL IMPACT ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"FASTRACC05" PORTABLE TERMINAL IMPACT ATTENUATOR a.k.a. TRINITY ATTENUATING CRASH CUSHION (TEST LEVEL 3 - 70 MPH)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES  UNIT UTILIZES HORIZONTALLY-ORIENTED RIP PLATES WITH A VERTICAL SHREDDER ASSEMBLY	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (10-APR-01), (CC-54B) APPROVED MODULAR DESIGN, (13-JAN-04), (CC-54F) APPROVED RIP PLATE REVISION, (09-JUN-05), (CC-54H)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"WIDETRACC" PORTABLE TERMINAL IMPACT ATTENUATOR a.k.a. TRINITY ATTENUATING CRASH CUSHION (TEST LEVEL 3 - 60 MPH)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (05-SEP-02), (CC-54D) APPROVED MODULAR DESIGN, (13-JAN-04), (CC-54F)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"WIDETRACC05" PORTABLE TERMINAL IMPACT ATTENUATOR a.k.a. TRINITY ATTENUATING CRASH CUSHION (TEST LEVEL 3 - 60 MPH)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES  UNIT UTILIZES HORIZONTALLY-ORIENTED RIP PLATES WITH A VERTICAL SHREDDER ASSEMBLY	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (05-SEP-02), (CC-54D) APPROVED MODULAR DESIGN, (13-JAN-04), (CC-54F) APPROVED RIP PLATE REVISION, (09-MAR-05), (CC-54G)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.

(Category III Continued)

## PORTABLE TERMINAL IMPACT ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SHORTWIDETRACC" PORTABLE TERMINAL IMPACT ATTENUATOR  a.k.a. TRINITY ATTENUATING CRASH CUSHION (TEST LEVEL 2 - 45 MPH)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (05-SEP-02), (CC-54D) APPROVED MODULAR DESIGN, (13-JAN-04), (CC-54F)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 45 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"SHORTWIDETRACC05" PORTABLE TERMINAL IMPACT ATTENUATOR  a.k.a. TRINITY ATTENUATING CRASH CUSHION (TEST LEVEL 2 - 45 MPH)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES  UNIT UTILIZES HORIZONTALLY-ORIENTED RIP PLATES WITH A VERTICAL SHREDDER ASSEMBLY	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (05-SEP-02), (CC-54D) APPROVED MODULAR DESIGN, (13-JAN-04), (CC-54F) APPROVED RIP PLATE REVISION, (09-MAR-05), (CC-54G)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 45 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"FASTWIDETRACC" PORTABLE TERMINAL IMPACT ATTENUATOR  a.k.a. TRINITY ATTENUATING CRASH CUSHION (TEST LEVEL 3 - 70 MPH)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (05-SEP-02), (CC-54D) APPROVED MODULAR DESIGN, (13-JAN-04), (CC-54F)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.

(Category III Continued)

## PORTABLE TERMINAL IMPACT ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"FASTWIDETRACC05" PORTABLE TERMINAL IMPACT ATTENUATOR  a.k.a. TRINITY ATTENUATING CRASH CUSHION (TEST LEVEL 3 - 70 MPH)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES  UNIT UTILIZES HORIZONTALLY-ORIENTED RIP PLATES WITH A VERTICAL SHREDDER ASSEMBLY	VALTIR, LLC	ALL	APPROVED TEST LEVEL 3, (05-SEP-02), (CC-54D) APPROVED MODULAR DESIGN, (13-JAN-04), (CC-54F) APPROVED RIP PLATE REVISION, (09-MAR-05), (CC-54G)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 70 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"HEART" PORTABLE TERMINAL IMPACT ATTENUATOR  a.k.a. HYBRID ENERGY ABSORBING REUSABLE TERMINAL (TEST LEVEL 3 - 60 MPH)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES  UNIT UTILIZES HIGH MOLECULAR WEIGHT / HIGH DENSITY POLYETHYLENE (HMW / HDPE) PANELS ALONG EACH SIDE CONNECTED TO STEEL DIAPHRAGMS MOUNTED ON TUBULAR STEEL TRACKS	VALTIR, LLC	CONTRACT	APPROVED TEST LEVEL 3, (05-MAR-05), (CC-89) APPROVED TRANSITION PANEL PER E-MAIL (ARTIMOVICH TO SMITH), (08-SEP-03)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.
"SCI 70GM" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 2)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	WORK AREA PROTECTION CORPORATION	ALL	APPROVED TEST LEVEL 2, (9-FEB-05), (CC-85A)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 45 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.

(Category III Continued)

## PORTABLE TERMINAL IMPACT ATTENUATORS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SCI 100GM" PORTABLE TERMINAL IMPACT ATTENUATOR (TEST LEVEL 2) (TEST LEVEL 3 - 60 MPH)	MULTIPLE BAY NON-CARTRIDGE SYSTEM WITH REDIRECTIVE AND NON-GATING CAPABILITIES	WORK AREA PROTECTION CORPORATION	ALL	<p>APPROVED TEST LEVEL 2, (12-SEP-03), (CC-85)          APPROVED TEST LEVEL 3, (12-SEP-03), (CC-85)          SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p>

(Category III Continued)

**LONGITUDINAL CHANNELIZING DEVICES (Water-Filled)****PROHIBITED AS A POSITIVE PROTECTION DEVICE**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
ROCK ROAD WB300 (TEST LEVEL 2)	HIGH DENSITY POLYETHYLENE WATER FILLED BARRIER SYSTEM WITH GATING AND NONREDIRECTIVE PROPERTIES. MINIMUM LENGTH OF NEED IS 154 FEET (25 SECTIONS).  <b>NOT TO BE USED AS A "POSITIVE PROTECTION" BARRIER</b>	POWERPAK CIVIL AND SAFETY LLC	ALL	APPROVED TEST LEVEL 2, (17-MAY-24), (WZ-456)  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. (2) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 40 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT. (3) MAY NOT BE USED AS A "POSITIVE" BARRIER AS THEY ARE NOT DESIGNED TO REDIRECT OR CAPTURE AN ERRANT VEHICLE. (4) DEVICE IS TO BE USED TO DELINEATE TRAFFIC SIMILAR TO HOW PLASTIC CONES AND PORTABLE PLASTIC DRUMS DELINATE TRAFFIC.
"GUARDSAFE 36" LONGITUDINAL CHANNELIZING DEVICE (MASH TEST LEVEL 1)	PORTABLE POLYETHYLENE WATER FILLED BARRIER SYSTEM 3' TALL) WITH GATING CAPABILITIES WITHIN THE LENGTH OF NEED AREA FILLED WITH 5 GALLONS OF WATER EACH. MINIMUM LENGTH OF NEED IS 120 FEET (20 SECTIONS).  <b>NOT TO BE USED AS A "POSITIVE PROTECTION" BARRIER</b>	REMCON PLASTICS INC	ALL	APPROVED TEST LEVEL 1, (13-NOV-18), (WZ-360)  <b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. (2) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 30 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT. (3) MAY NOT BE USED AS A "POSITIVE" BARRIER AS THEY ARE NOT DESIGNED TO REDIRECT OR CAPTURE AN ERRANT VEHICLE. (4) DEVICE IS TO BE USED TO DELINEATE TRAFFIC SIMILAR TO HOW PLASTIC CONES AND PORTABLE PLASTIC DRUMS DELINATE TRAFFIC.

(Category III Continued)

**LONGITUDINAL BARRIERS (Water-Filled)**

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 605

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TRITON" WATER FILLED BARRIER (TEST LEVEL 2) (TEST LEVEL 3)	<p>PORTABLE LOW DENSITY POLYETHYLENE WATER FILLED BARRIER SYSTEM WITH NON-GATING CAPABILITIES WITHIN THE LENGTH OF NEED AREA. MINIMUM LENGTH OF NEED IS 100 FEET (15 SECTIONS).</p> <p>TEST LEVEL 2 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 11.48 FEET</p> <p>TEST LEVEL 3 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 22.63 FEET</p>	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 2, (27-NOV-92), (B-21) APPROVED TEST LEVEL 3, (07-MAY-98), (B-48)</p> <p><b><i>RESTRICTIONS</i></b> -- (1) APPROVED FOR TEST LEVEL 3 WHEN INTERIOR U-BOLTS ARE DOUBLE-NUTTED AND EACH MODULE IS SUPPLEMENTED WITH TWO 178-mm HIGH PLASTIC PEDESTALS. (2) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS (3) END PROTECTION REQUIREMENTS -- MAY ACT AS OWN END TREATMENT WHEN INSTALLED IN ACCORDANCE WITH SCDOT REQUIREMENTS AND MANUFACTURER SPECIFICATIONS</p>
"GUARDIAN SAFETY BARRIER" (TEST LEVEL 2) (TEST LEVEL 3)	<p>PORTABLE POLYETHYLENE WATER FILLED BARRIER SYSTEM WITH NON-GATING CAPABILITIES WITHIN THE LENGTH OF NEED AREA WHEN SUPPLEMENTED WITH THE 350 HIGHWAY KIT. MINIMUM LENGTH OF NEED IS 198 FEET (33 SECTIONS).</p> <p>TEST LEVEL 2 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 6.49 FEET</p> <p>TEST LEVEL 3 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 11.15 FEET</p>	ARMORCAST PRODUCTS COMPANY	ALL	<p>APPROVED TEST LEVEL 2, (17-JAN-95), (B-30) APPROVED TEST LEVEL 3, (CONDITIONAL APPROVAL) (29-JAN-96), (B-34) APPROVED TEST LEVEL 3, (FULL APPROVAL) (07-FEB-97), (B-34B) APPROVAL AFFIRMATION, (GUARDIAN SAFETY BARRIER, Las Vegas, NV), (20-DEC-00), (B-34D) 350 HIGHWAY KIT MODIFICATION, (ARMORCAST PRODUCTS COMPANY, North Hollywood, CA), (11-JUL-02), (B-34E)</p> <p><b><i>RESTRICTIONS</i></b> -- (1) APPROVED FOR HIGHWAY USE WHEN SUPPLEMENTED WITH THE 350 HIGHWAY KIT. (2) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS (3) END TREATMENT REQUIREMENTS -- SAME AS CONCRETE BARRIER WALL</p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Water-Filled) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"RHINO SAFETY BARRIER" WATER-FILLED BARRIER (TEST LEVEL 2)	<p>PORTABLE POLYETHYLENE WATER FILLED BARRIER SYSTEM WITH NON-GATING CAPABILITIES WITHIN THE LENGTH OF NEED AREA WHEN REINFORCED WITH FRONT AND BACKSIDE DEFLECTOR STRIPS AND CONNECTED WITH STEEL REINFORCED POLYETHYLENE PINS AND 11 GAUGE GALVANIZED STEEL BRIDGING STRIPS. MINIMUM LENGTH OF NEED IS 223 FEET (34 SECTIONS).</p> <p>TEST LEVEL 2 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 13.12 FEET</p>	RHINO SAFETY BARRIER	ALL	<p>APPROVED TEST LEVEL 2, (01-JUL-02), (B-101)</p> <p><b>RESTRICTIONS</b> -- (1) APPROVED FOR TEST LEVEL 2 WHEN REINFORCED WITH SIDE DEFLECTOR PANELS, REINFORCED CONNECTING PINS, AND STEEL BRIDGING CONNECTOR STRIPS.</p> <p>(2) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS</p> <p>(3) END TREATMENT REQUIREMENTS - SAME AS CONCRETE BARRIER WALL</p>
SB-1-TL SAFETY BARRIER SYSTEM (TEST LEVEL 3)	<p>PORTABLE POLYETHYLENE WATER FILLED BARRIER SYSTEM (24" WIDE X 84" LONG X 42" TALL) WITH NON-GATING CAPABILITIES WITHIN THE LENGTH OF NEED AREA WHEN SEGMENTS ARE CONNECTED VIA THE ALUMINUM TUBING THREADED WITH THE STEEL CABLES. MINIMUM LENGTH OF NEED IS 140 FEET (20 SECTIONS).</p> <p>TEST LEVEL 3 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 16 FEET</p>	SAFETY BARRIERS, INC.	ALL	<p>APPROVED TEST LEVEL 3, (19-MAR-04), (B-125)</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p> <p>(2) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p> <p>(3) END TREATMENT REQUIREMENTS - SAME AS CONCRETE BARRIER WALL</p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Water-Filled) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SENTRY WATER-CABLE BARRIER" WATER-FILLED BARRIER (TEST LEVEL 2)	<p>PORTABLE POLYETHYLENE WATER FILLED BARRIER SYSTEM (2'-1" WIDE X 3'-8" TALL X 7'-0" LONG) WITH NON-GATING CAPABILITIES WITHIN THE LENGTH OF NEED AREA. MINIMUM LENGTH OF NEED IS 25 SECTIONS.</p> <p>TEST LEVEL 2 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 6 FEET</p>	TRAFFIX DEVICES, INC.	ALL	<p>APPROVED TEST LEVEL 2, (9-SEP-09), (B-196)</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p> <p>(2) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 45 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p> <p>(3) END TREATMENT REQUIREMENTS -- SAME AS CONCRETE BARRIER WALL</p>
"SENTRY WATER-CABLE BARRIER" WATER-FILLED BARRIER (TEST LEVEL 3)	<p>PORTABLE POLYETHYLENE WATER FILLED BARRIER SYSTEM (2'-1" WIDE X 3'-8" TALL X 7'-0" LONG) WITH NON-GATING CAPABILITIES WITHIN THE LENGTH OF NEED AREA. MINIMUM LENGTH OF NEED IS 25 SECTIONS.</p> <p>TEST LEVEL 2 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 9 FEET</p>	TRAFFIX DEVICES, INC.	ALL	<p>APPROVED TEST LEVEL 3, (9-SEP-09), (B-196)</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p> <p>(2) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 60 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p> <p>(3) END TREATMENT REQUIREMENTS -- SAME AS CONCRETE BARRIER WALL</p>
"TRAFFIX WATER-CABLE BARRIER" WATER-FILLED BARRIER (TEST LEVEL 1 - MASH)	<p>PORTABLE POLYETHYLENE WATER FILLED BARRIER SYSTEM (18" WIDE X 32" TALL X 72" LONG) WITH NON-GATING CAPABILITIES WITHIN THE LENGTH OF NEED AREA. THREE 3/8" DIAMETER STRANED STEEL CABLES ARE MOLDED INTO THE WALL. MINIMUM LENGTH OF NEED IS 25 SECTIONS.</p> <p>TEST LEVEL 1 DEFLECTION FOR 1100 KG SEDAN @ 25 DEGREE IMPACT ANGLE -- 7 FEET</p>	TRAFFIX DEVICES, INC.	ALL	<p>APPROVED MASH TEST LEVEL 1, (01-FEB-17), (B-271)</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p> <p>(2) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 30 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p> <p>(3) END TREATMENT REQUIREMENTS -- SAME AS CONCRETE BARRIER WALL</p>

(Category III Continued)

**LONGITUDINAL BARRIERS (Water-Filled) (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"TRAFFIX WATER-CABLE BARRIER" WATER-FILLED BARRIER (TEST LEVEL 2 - MASH)	<p>PORTABLE POLYETHYLENE WATER FILLED BARRIER SYSTEM (18" WIDE X 32" TALL X 72" LONG) WITH NON-GATING CAPABILITIES WITHIN THE LENGTH OF NEED AREA. THREE 3/8" DIAMETER STRANED STEEL CABLES ARE MOLDED INTO THE WALL. MINIMUM LENGTH OF NEED IS 25 SECTIONS.</p> <p>TEST LEVEL 2 DEFLECTION FOR 2270 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 17 FEET</p>	TRAFFIX DEVICES, INC.	ALL	<p>APPROVED MASH TEST LEVEL 2, (01-FEB-17), (B-272)</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p> <p>(2) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 45 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p> <p>(3) END TREATMENT REQUIREMENTS -- SAME AS CONCRETE BARRIER WALL</p>
"TRAFFIX WATER-WALL BARRIER" WATER-FILLED BARRIER (TEST LEVEL 1)	<p>PORTABLE POLYETHYLENE WATER FILLED BARRIER SYSTEM (18" WIDE X 32" TALL X 72" LONG) WITH NON-GATING CAPABILITIES WITHIN THE LENGTH OF NEED AREA. MINIMUM LENGTH OF NEED IS 21 SECTIONS.</p> <p>TEST LEVEL 1 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 15.5 FEET</p>	TRAFFIX DEVICES, INC.	ALL	<p>APPROVED TEST LEVEL 1, (30-NOV-04), (B-130)</p> <p><b>RESTRICTIONS</b> -- (1) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p> <p>(2) MAY ONLY BE USED WHERE POSTED REGULATORY SPEED LIMITS ARE 30 MPH OR LESS PRIOR TO THE PRESENCE OF A CONSTRUCTION ZONE OR THE INSTALLATION OF A TEMPORARY REDUCED SPEED LIMIT.</p> <p>(3) END TREATMENT REQUIREMENTS -- SAME AS CONCRETE BARRIER WALL</p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Water-Filled) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
YODOCK "MODEL 2001M" BARRIER SYSTEM WATER-FILLED BARRIER (TEST LEVEL 2)	<p>PORTABLE POLYETHYLENE WATER FILLED BARRIER SYSTEM (2'-3 3/4" TALL) WITH NON-GATING CAPABILITIES WITHIN THE LENGTH OF NEED AREA WHEN SUPPLEMENTED WITH THE STEEL TUBING SIDE RAILS. MINIMUM LENGTH OF NEED IS 150 FEET (25 SECTIONS).</p> <p>TEST LEVEL 2 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 12.07 FEET</p>	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 2, (27-MAR-02), (B-97)</p> <p><b><u>RESTRICTIONS</u></b> -- (1) APPROVED FOR TEST LEVEL 2 WHEN SUPPLEMENTED WITH THE STEEL TUBING RAILS. (2) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS (3) END TREATMENT REQUIREMENTS -- SAME AS CONCRETE BARRIER WALL</p>
YODOCK "MODEL 2001" BARRIER SYSTEM WATER-FILLED BARRIER (TEST LEVEL 3)	<p>PORTABLE POLYETHYLENE WATER FILLED BARRIER SYSTEM (2'-8" TALL) WITH NON-GATING CAPABILITIES WITHIN THE LENGTH OF NEED AREA WHEN SUPPLEMENTED WITH THE STEEL TUBING SIDE RAILS. MINIMUM LENGTH OF NEED IS 150 FEET (25 SECTIONS).</p> <p>TEST LEVEL 3 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 14.04 FEET</p>	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 3, (27-MAR-02), (B-97)</p> <p><b><u>RESTRICTIONS</u></b> -- (1) APPROVED FOR TEST LEVEL 3 WHEN SUPPLEMENTED WITH THE STEEL TUBING RAILS. (2) MAY ONLY BE USED IN SPECIFIC SITUATIONS AS DIRECTED BY THE DEPARTMENT AND IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS (3) END TREATMENT REQUIREMENTS -- SAME AS CONCRETE BARRIER WALL</p>

(Category III Continued)

**LONGITUDINAL BARRIERS (Composite)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
APE BARRIER SYSTEM	<p>FIBER-REINFORCED POLYMER BARRIER WALLS. 20 INCH WIDE x 32 INCH TALL x 24 FEET LONG SECTIONS.</p> <p>TEST LEVEL 3 DEFLECTION FOR 2270 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 1.67 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 240 FEET (10 SECTIONS)</p>	ASYNT SOLUTIONS	ALL	<p>APPROVED TEST LEVEL 3, (9-JUL-25), (B-390)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>APE BARRIER SYSTEM IS AN ANCHORED SYSTEM. INSTALL THE SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION.</b></p>

(Category III Continued)

**LONGITUDINAL BARRIERS (Concrete)**

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 605

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
SAFETY SHAPE TEMPORARY CONCRETE BARRIER WITH J-J HOOK CONNECTIONS (ALTERNATE 1)	<p>SAFETY SHAPE (NEW JERSEY) CONCRETE BARRIER WALLS. 12' SECTIONS WITH J-J HOOK CONNECTIONS.</p> <p>TEST LEVEL 3 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 4.26 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 144 FEET (12 SECTIONS)</p>	<p><u>CHERRY PRECAST</u> IDENTIFICATION INITIALS - SCO Now <u>SMITH-COLUMBIA</u> IDENTIFICATION INITIALS - SCO</p> <p><u>PRECISION CONCRETE, INC.</u> IDENTIFICATION INITIALS - PC</p> <p><u>SEMINOLE PRECAST MANUFACTURING, INC.</u> IDENTIFICATION INITIALS - SPI</p> <p><b>SEE QUALIFIED PRODUCTS LIST 54 FOR APPROVAL / EXPIRATION DATE INFORMATION</b></p>	ALL	<p>APPROVED TEST LEVEL 3, (26-MAR-99), (B-52)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>TEMPORARY CONCRETE BARRIER WALLS (SAFETY SHAPE ALTERNATE 1) SHALL COMPLY WITH NCHRP REPORT 350 GUIDELINES AND THE "STANDARD DRAWINGS FOR ROAD CONSTRUCTION" ON ALL PROJECTS LET TO CONTRACT AFTER OCTOBER 1, 2002.</b></p> <p><b>ACCEPTANCE AS AN APPROVED TEMPORARY CONCRETE BARRIER SHALL INCLUDE SUCCESSFUL INSPECTION OF THE MANUFACTURERS' PLANTS AND THE MANUFACTURING PROCESS BY THE DEPARTMENT'S OFFICE OF RESEARCH AND MATERIALS. THE DATE OF ACCEPTANCE WILL BE IMPRINTED ON THE TOP OF THE BARRIER.</b></p> <p><b>NCHRP REPORT 350 COMPLIANT BARRIERS WITH J-J HOOK CONNECTIONS CURRENTLY IN USE THAT DO NOT HAVE A RECESSED APPROVAL STAMP AS REQUIRED BY SCOT STANDARD DRAWINGS, SHALL NO LONGER BE ACCEPTABLE ON PROJECTS LET TO CONTRACT AFTER OCTOBER 1, 2007 WITHOUT AN APPROVED SUPPLEMENTAL IDENTIFICATION PLATE. NCHRP REPORT 350 COMPLIANT BARRIERS WITH THE J-J HOOK CONNECTIONS THAT HAVE A "SCOT 350" RECESSED APPROVAL STAMP WILL CONTINUE TO BE ACCEPTABLE AFTER OCTOBER 1, 2007.</b></p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Concrete) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
SAFETY SHAPE TEMPORARY CONCRETE BARRIER WITH J-J HOOK CONNECTIONS (MASH)	<p>SAFETY SHAPE (NEW JERSEY) CONCRETE BARRIER WALLS. 12' SECTIONS WITH J-J HOOK CONNECTIONS.</p> <p>TEST LEVEL 3 DEFLECTION FOR 2270 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 5.35 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 192 FEET (16 SECTIONS)</p>	SEE QUALIFIED PRODUCTS LIST 54 FOR APPROVAL / EXPIRATION DATE INFORMATION	ALL	<p>APPROVED TEST LEVEL 3, (09-FEB-18), (B-300)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p>TEMPORARY CONCRETE BARRIER WALLS (SAFETY SHAPE MASH) SHALL COMPLY WITH MASH GUIDELINES AND THE "STANDARD DRAWINGS FOR ROAD CONSTRUCTION".</p> <p>ACCEPTANCE AS AN APPROVED TEMPORARY CONCRETE BARRIER SHALL INCLUDE SUCCESSFUL INSPECTION OF THE MANUFACTURERS' PLANTS AND THE MANUFACTURING PROCESS BY THE DEPARTMENT'S OFFICE OF RESEARCH AND MATERIALS. THE DATE OF ACCEPTANCE WILL BE IMPRINTED ON THE TOP OF THE BARRIER.</p>
SAFETY SHAPE TEMPORARY CONCRETE BARRIER WITH J-J HOOK CONNECTIONS - PINNED (MASH)	<p>SAFETY SHAPE (NEW JERSEY) CONCRETE BARRIER WALLS. 12.5' SECTIONS WITH J-J HOOK CONNECTIONS.</p> <p>TEST LEVEL 3 DEFLECTION FOR 2270 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 8.76 INCHES</p> <p>PINNED TO 2 INCH DEEP ASPHALT PAD ON 6 INCH ROAD BASE</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 200 FEET</p>	SEE QUALIFIED PRODUCTS LIST 54 FOR APPROVAL / EXPIRATION DATE INFORMATION	ALL	<p>APPROVED TEST LEVEL 3, (20-DEC-12), (B-52C)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p>TEMPORARY CONCRETE BARRIER WALLS (SAFETY SHAPE MASH) SHALL COMPLY WITH MASH GUIDELINES AND THE "STANDARD DRAWINGS FOR ROAD CONSTRUCTION".</p> <p>ACCEPTANCE AS AN APPROVED TEMPORARY CONCRETE BARRIER SHALL INCLUDE SUCCESSFUL INSPECTION OF THE MANUFACTURERS' PLANTS AND THE MANUFACTURING PROCESS BY THE DEPARTMENT'S OFFICE OF RESEARCH AND MATERIALS. THE DATE OF ACCEPTANCE WILL BE IMPRINTED ON THE TOP OF THE BARRIER.</p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Concrete) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
SAFETY SHAPE TEMPORARY CONCRETE BARRIER (ALTERNATE 2)	<p>SAFETY SHAPE (NEW JERSEY) CONCRETE BARRIER WALLS. 10' LONG SECTIONS WITH PIN AND LOOP CONNECTIONS. THE PIN WILL BE A 26" LONG ASTM-A36 1-1/4" DIAMETER GALVANIZED STEEL PIN SECURED BY A 1-1/4" GALVANIZED NUT WITHOUT ANY LOCKING NUT OR OTHER PIN RETENTION DEVICE.</p> <p>BASED ON "NORTH CAROLINA" DESIGN.</p> <p>TEST LEVEL 3 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 5.00 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 130 FEET (13 SECTIONS)</p>	<u>UTILITY PRECAST, INC.</u> IDENTIFICATION INITIALS - UP  <u>CURTIN</u> IDENTIFICATION INITIALS - CT  <u>METROMONT MATERIALS, LLC</u> Now <u>CEMEX CONSTRUCTION MATERIALS</u> IDENTIFICATION INITIALS - MM  <u>LINDSAY PRECAST</u> IDENTIFICATION INITIALS - LP  SEE QUALIFIED PRODUCTS LIST 54 FOR APPROVAL / EXPIRATION DATE INFORMATION	ALL	<p>APPROVED TEST LEVEL 3, (10-MAY-02), (B-98)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p>TEMPORARY CONCRETE BARRIER WALLS (SAFETY SHAPE ALTERNATE 2) SHALL COMPLY WITH NCHRP REPORT 350 GUIDELINES AND THE "STANDARD DRAWINGS FOR ROAD CONSTRUCTION" ON ALL PROJECTS LET TO CONTRACT AFTER OCTOBER 1, 2002.</p> <p>ACCEPTANCE AS AN APPROVED TEMPORARY CONCRETE BARRIER SHALL INCLUDE SUCCESSFUL INSPECTION OF THE MANUFACTURERS' PLANTS AND THE MANUFACTURING PROCESS BY THE DEPARTMENT'S RESEARCH AND MATERIALS LABORATORY. THE DATE OF ACCEPTANCE WILL BE IMPRINTED ON THE TOP OF THE BARRIER.</p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Concrete) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
SAFETY SHAPE TEMPORARY CONCRETE BARRIER (ALTERNATE 3)	<p>NEW JERSEY SHAPE CONCRETE BARRIER WALLS. 20' LONG SECTIONS WITH PIN AND LOOP CONNECTIONS. THE PIN WILL BE EITHER A 25" LONG A-307 HEX BOLT SECURED BY A 1-1/4" A-536 HEAVY HEX NUT WITH F844 WIDE TYPE A WASHERS OR A 26" LONG A-36 STEEL PIN WITHOUT ANY LOCKING NUT OR OTHER PIN RETENTION DEVICE.</p> <p>BASED ON "IDAHO" DESIGN.</p> <p>TEST LEVEL 3 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 1.00 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 240 FEET (12 SECTIONS)</p>	<p>PENDING OFFICE OF RESEARCH AND MATERIALS INSPECTION AND APPROVAL</p> <p><b>SEE QUALIFIED PRODUCTS LIST 54 FOR APPROVAL / EXPIRATION DATE INFORMATION</b></p>	ALL	<p>APPROVED TEST LEVEL 3, (17-JUL-00), (B-70)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p>TEMPORARY CONCRETE BARRIER WALLS (SAFETY SHAPE ALTERNATE 3) SHALL COMPLY WITH NCHRP REPORT 350 GUIDELINES AND THE "STANDARD DRAWINGS FOR ROAD CONSTRUCTION" ON ALL PROJECTS LET TO CONTRACT AFTER OCTOBER 1, 2002.</p> <p>ACCEPTANCE AS AN APPROVED TEMPORARY CONCRETE BARRIER SHALL INCLUDE SUCCESSFUL INSPECTION OF THE MANUFACTURERS' PLANTS AND THE MANUFACTURING PROCESS BY THE DEPARTMENT'S OFFICE OF RESEARCH AND MATERIALS. THE DATE OF ACCEPTANCE WILL BE IMPRINTED ON THE TOP OF THE BARRIER.</p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Concrete) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
F-SHAPE TEMPORARY CONCRETE BARRIER (ALTERNATE 1)	<p>F-SHAPE CONCRETE BARRIER WALLS. 12.5' LONG SECTIONS WITH A BASE WIDTH OF 22-1/2" AND WITH PIN AND LOOP CONNECTIONS. THE PIN IS AN A-36 STEEL PIN SECURED WITH A 1/2" BOLT WITH NUT THROUGH A HOLE IN THE PIN 1-1/2" FROM THE BOTTOM OF THE PIN.</p> <p>BASED ON "IOWA" DESIGN.</p> <p>TEST LEVEL 3 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 3.77 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 140 FEET (11 SECTIONS)</p>	<p>PENDING OFFICE OF RESEARCH AND MATERIALS INSPECTION AND APPROVAL</p> <p><b>SEE QUALIFIED PRODUCTS LIST 54 FOR APPROVAL / EXPIRATION DATE INFORMATION</b></p>	ALL	<p>APPROVED TEST LEVEL 3, (10-OCT-97), (B-41)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p>TEMPORARY CONCRETE BARRIER WALLS (F-SHAPE ALTERNATE 1) SHALL COMPLY WITH NCHRP REPORT 350 GUIDELINES AND THE "STANDARD DRAWINGS FOR ROAD CONSTRUCTION" ON ALL PROJECTS LET TO CONTRACT AFTER OCTOBER 1, 2002.</p> <p>ACCEPTANCE AS AN APPROVED TEMPORARY CONCRETE BARRIER SHALL INCLUDE SUCCESSFUL INSPECTION OF THE MANUFACTURERS' PLANTS AND THE MANUFACTURING PROCESS BY THE DEPARTMENT'S RESEARCH AND MATERIALS LABORATORY. THE DATE OF ACCEPTANCE WILL BE IMPRINTED ON THE TOP OF THE BARRIER.</p>
F-SHAPE TEMPORARY CONCRETE BARRIER (ALTERNATE 2)	<p>F-SHAPE CONCRETE BARRIER WALLS. 20' LONG SECTIONS WITH PIN AND LOOP CONNECTIONS. THE PIN WILL BE EITHER A 25" LONG 1-1/4" DIAMETER STEEL BAR (ASTM A36) SECURED BY A 1-1/4" HEAVY HEX NUT WITH A 1-3/8" X 2-1/2" STEEL WASHER.</p> <p>BASED ON "VIRGINIA" DESIGN.</p> <p>TEST LEVEL 3 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 6.00 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 140 FEET (7 SECTIONS)</p>	<p><u>AMERICAST / BARNWELL PLANT IDENTIFICATION INITIALS - ACB</u></p> <p><b>SEE QUALIFIED PRODUCTS LIST 54 FOR APPROVAL / EXPIRATION DATE INFORMATION</b></p>	ALL	<p>APPROVED TEST LEVEL 3, (18-MAY-99), (B-54)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p>TEMPORARY CONCRETE BARRIER WALLS (SAFETY SHAPE ALTERNATE 2) SHALL COMPLY WITH NCHRP REPORT 350 GUIDELINES AND THE "STANDARD DRAWINGS FOR ROAD CONSTRUCTION" ON ALL PROJECTS LET TO CONTRACT AFTER OCTOBER 1, 2002.</p> <p>ACCEPTANCE AS AN APPROVED TEMPORARY CONCRETE BARRIER SHALL INCLUDE SUCCESSFUL INSPECTION OF THE MANUFACTURERS' PLANTS AND THE MANUFACTURING PROCESS BY THE DEPARTMENT'S OFFICE OF RESEARCH AND MATERIALS. THE DATE OF ACCEPTANCE WILL BE IMPRINTED ON THE TOP OF THE BARRIER.</p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Concrete) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
F-SHAPE TEMPORARY CONCRETE BARRIER WITH T-LOK CONNECTIONS (ALTERNATE 2-A)	<p>F-SHAPE CONCRETE BARRIER WALLS. 12' LONG SECTIONS WITH T-LOK CONNECTIONS.</p> <p>BASED ON "VIRGINIA" DESIGN.</p> <p>TEST LEVEL 3 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 4.50 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 192 FEET (16 SECTIONS)</p>	<p>PENDING OFFICE OF RESEARCH AND MATERIALS INSPECTION AND APPROVAL</p> <p><b>SEE QUALIFIED PRODUCTS LIST 54 FOR APPROVAL / EXPIRATION DATE INFORMATION</b></p>	ALL	<p>APPROVED TEST LEVEL 3, (20-OCT-97), (B-42) APPROVED TEST LEVEL 3, (17-JUL-09), (B-42B)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p>TEMPORARY CONCRETE BARRIER WALLS (F-SHAPE ALTERNATE 2-A) SHALL COMPLY WITH NCHRP REPORT 350 GUIDELINES AND THE "STANDARD DRAWINGS FOR ROAD CONSTRUCTION" ON ALL PROJECTS LET TO CONTRACT AFTER OCTOBER 1, 2002.</p> <p>ACCEPTANCE AS AN APPROVED TEMPORARY CONCRETE BARRIER SHALL INCLUDE SUCCESSFUL INSPECTION OF THE MANUFACTURERS' PLANTS AND THE MANUFACTURING PROCESS BY THE DEPARTMENT'S OFFICE OF RESEARCH AND MATERIALS. THE DATE OF ACCEPTANCE WILL BE IMPRINTED ON THE TOP OF THE BARRIER.</p>
F-SHAPE TEMPORARY CONCRETE BARRIER (ALTERNATE 3)	<p>F-SHAPE CONCRETE BARRIER WALLS. 12.5' LONG SECTIONS WITH A BASE WIDTH OF 24" WITH PIN AND LOOP CONNECTIONS. THE PIN IS AN ASTM A449 1" DIAMETER STEEL PIN.</p> <p>BASED ON "OREGON" DESIGN.</p> <p>TEST LEVEL 3 DEFLECTION FOR 2000 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 2.50 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 200 FEET (16 SECTIONS)</p>	<p>PENDING OFFICE OF RESEARCH AND MATERIALS INSPECTION AND APPROVAL</p> <p><b>SEE QUALIFIED PRODUCTS LIST 54 FOR APPROVAL / EXPIRATION DATE INFORMATION</b></p>	ALL	<p>APPROVED TEST LEVEL 3, (17-AUG-01), (B-86)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p>TEMPORARY CONCRETE BARRIER WALLS (F-SHAPE ALTERNATE 3) SHALL COMPLY WITH NCHRP REPORT 350 GUIDELINES AND THE "STANDARD DRAWINGS FOR ROAD CONSTRUCTION" ON ALL PROJECTS LET TO CONTRACT AFTER OCTOBER 1, 2002.</p> <p>ACCEPTANCE AS AN APPROVED TEMPORARY CONCRETE BARRIER SHALL INCLUDE SUCCESSFUL INSPECTION OF THE MANUFACTURERS' PLANTS AND THE MANUFACTURING PROCESS BY THE DEPARTMENT'S OFFICE OF RESEARCH AND MATERIALS. THE DATE OF ACCEPTANCE WILL BE IMPRINTED ON THE TOP OF THE BARRIER.</p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Concrete) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
F-SHAPE TEMPORARY CONCRETE BARRIER (MASH)	<p>F-SHAPE CONCRETE BARRIER WALLS. 12.5' LONG SECTIONS WITH A BASE WIDTH OF 22.5" WITH PIN AND LOOP CONNECTIONS. THE PIN IS AN ASTM A36 1.25" DIAMETER STEEL PIN.</p> <p>BASED ON "KANSAS" DESIGN.</p> <p>TEST LEVEL 3 DEFLECTION FOR 2270 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE</p> <ul style="list-style-type: none"> <li>-- 6.70 FEET (FREESTANDING)</li> <li>-- 1.20 FEET (ANCHORED)</li> </ul> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 212.5 FEET (17 SECTIONS)</p>	<p>PENDING OFFICE OF RESEARCH AND MATERIALS INSPECTION AND APPROVAL</p> <p><b>SEE QUALIFIED PRODUCTS LIST 54 FOR APPROVAL / EXPIRATION DATE INFORMATION</b></p>	ALL	<p>APPROVED TEST LEVEL 3, (10-FEB-11), (B-215)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>TEMPORARY CONCRETE BARRIER WALLS (F-SHAPE MASH) SHALL COMPLY WITH MASH GUIDELINES AND THE "STANDARD DRAWINGS FOR ROAD CONSTRUCTION".</b></p> <p><b>ACCEPTANCE AS AN APPROVED TEMPORARY CONCRETE BARRIER SHALL INCLUDE SUCCESSFUL INSPECTION OF THE MANUFACTURERS' PLANTS AND THE MANUFACTURING PROCESS BY THE DEPARTMENT'S OFFICE OF RESEARCH AND MATERIALS. THE DATE OF ACCEPTANCE WILL BE IMPRINTED ON THE TOP OF THE BARRIER.</b></p>
QUICKCHANGE BARRIER	MOVEABLE CONCRETE BARRIER SYSTEM WITH 24" X 32" X 37" CONCRETE BARRIER WALLS WITH T-SHAPED TOP FOR QUICK RELOCATION WITH SPECIALIZED MACHINE WITHOUT DISASSEMBLY	BARRIER SYSTEMS, INC.	ALL	<p>APPROVED TEST LEVEL 3, (05-JAN-00), (B-63)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Concrete) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
REBLOC+ 80SAH_12 FREESTANDING LONGITUDINAL BARRIER (MASH TEST LEVEL 3)	<p>39.4' LONG SECTIONS WITH A BASE WIDTH OF 11.8' CONNECTED BY TONGUE AND GROOVE CONNECTIONS MADE OF STEEL SHOES THAT ARE INTERGRATED IN THE ELEMENTS WITH MATING PROJECTIONS AND INDENTIONS.</p> <p>TEST LEVEL 3 DEFLECTION FOR 2270 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 4.3 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 354 FEET (9 SECTIONS)</p>	HILL & SMITH INC.	ALL	<p>APPROVED MASH TEST LEVEL 3, (27-AUG-21), (B-360)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>BARRIER MUST BE TERMINATED IN THE CLEARZONE. A TRANSITION FROM THE BARRIER WALL TO AN ATTENUATOR HAS NOT BEEN APPROVED.</b></p>
REBLOC+ 80SAH_12_8B ANCHORED LONGITUDINAL BARRIER (MASH TEST LEVEL 3)	<p>39.4' LONG SECTIONS WITH A BASE WIDTH OF 11.8' CONNECTED BY TONGUE AND GROOVE CONNECTIONS MADE OF STEEL SHOES THAT ARE INTERGRATED IN THE ELEMENTS WITH MATING PROJECTIONS AND INDENTIONS. ANCHORED TO GROUND WITH 8 SCREWBOLTS</p> <p>TEST LEVEL 3 DEFLECTION FOR 2270 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 0.92 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 196.85 FEET (5 SECTIONS)</p>	HILL & SMITH INC.	ALL	<p>APPROVED MASH TEST LEVEL 3, (27-AUG-21), (B-361)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>BARRIER MUST BE TERMINATED IN THE CLEARZONE. A TRANSITION FROM THE BARRIER WALL TO AN ATTENUATOR HAS NOT BEEN APPROVED.</b></p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Concrete) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
REBLOC+ 80SAH_12 <> ZONEBLOC+ 80SAH_12_8B FREESTANDING TO ANCHORED TRANSITION LONGITUDINAL BARRIER (MASH TEST LEVEL 3)	<p>39.4' LONG SECTIONS WITH A BASE WIDTH OF 11.8' CONNECTED BY TONGUE AND GROOVE CONNECTIONS MADE OF STEEL SHOES THAT ARE INTERGRATED IN THE ELEMENTS WITH MATING PROJECTIONS AND INDENTIONS.</p> <p>THE TRANSITION ELEMENT HAS 4 SCREWBOLTS ANCHORED TO GROUND</p> <p>TEST LEVEL 3 DEFLECTION FOR 2270 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 1.02 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 275.58 FEET (7 SECTIONS)</p>	HILL & SMITH INC.	ALL	<p>APPROVED MASH TEST LEVEL 3, (27-AUG-21), (B-362)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><i>SEE MANUFACTURER'S INSTRUCTION FOR THE CORRECT INSTALLATION OF THE TRANSITION SECTION.</i></p> <p><i>BARRIER MUST BE TERMINATED IN THE CLEARZONE. A TRANSITION FROM THE BARRIER WALL TO AN ATTENUATOR HAS NOT BEEN APPROVED.</i></p>

(Category III Continued)

**LONGITUDINAL BARRIERS (Structural Steel)**

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 605

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
SAFEGUARD LINK SYSTEM STRUCTURAL STEEL BARRIER WALL TEST LEVEL 2	STRUCTURAL STEEL BARRIER SYSTEM WITH 28" X 33" X 28'-0" STRUCTURAL STEEL BARRIER WALLS EQUIPPED WITH CASTER WHEEL AND JACK ASSEMBLIES TO PROVIDE FOR RELOCATION	BARRIER SYSTEMS, INC.	ALL	APPROVED TEST LEVEL 2, (04-NOV-02), (B-108)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b><i>RESTRICTIONS -- TEST LEVEL 2 -- MINIMUM INSTALLATION LENGTH OF 112 FEET (4 SECTIONS) IS REQUIRED TO MEET TEST LEVEL 2 PERFORMANCE REQUIREMENTS.</i></b>
SAFEGUARD LINK SYSTEM STRUCTURAL STEEL BARRIER WALL TEST LEVEL 3	STRUCTURAL STEEL BARRIER SYSTEM WITH 28" X 33" X 28'-0" STRUCTURAL STEEL BARRIER WALLS EQUIPPED WITH CASTER WHEEL AND JACK ASSEMBLIES TO PROVIDE FOR RELOCATION	BARRIER SYSTEMS, INC.	ALL	APPROVED TEST LEVEL 3, (04-NOV-02), (B-108)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b><i>RESTRICTIONS -- TEST LEVEL 3 -- MINIMUM INSTALLATION LENGTH OF 224 FEET (8 SECTIONS) IS REQUIRED TO MEET TEST LEVEL 3 PERFORMANCE REQUIREMENTS.</i></b>
BARRIERGUARD 800 STRUCTURAL STEEL BARRIER WALL TEST LEVEL 4	STRUCTURAL STEEL BARRIER SYSTEM WITH 31" X 21" X 39'-4" STRUCTURAL STEEL BARRIER WALLS	HIGHWAY CARE	ALL	APPROVED TEST LEVEL 4, (30-NOV-04), (B-131)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b><i>RESTRICTIONS -- TEST LEVEL 4 -- MINIMUM INSTALLATION LENGTH OF 236 FEET (6 SECTIONS) IS REQUIRED TO MEET TEST LEVEL 4 PERFORMANCE REQUIREMENTS.</i></b>  <b><i>ANCHORAGE, TRANSITION, AND END PROTECTION REQUIREMENTS ARE SPECIFIC TO THIS PRODUCT. THE USER SHALL OBTAIN ALL ANCHORAGE, TRANSITION, AND END PROTECTION SPECIFICATIONS FROM THE MANUFACTURER AND INSTALL AND MAINTAIN THE BARRIER WALL IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</i></b>

(Category III Continued)

## LONGITUDINAL BARRIERS (Structural Steel) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
4M VULCAN BARRIER PORTABLE STEEL THRIE BEAM LONGITUDINAL BARRIER  TEST LEVEL 2	STRUCTURAL STEEL BARRIER SYSTEM WITH 13'-6" X 2'-8" X 1'-9 1/2" STRUCTURAL STEEL BARRIER WALLS	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 2, (14-FEB-05), (B-134)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b><i>RESTRICTIONS</i></b> -- TEST LEVEL 2 -- FREESTANDING INSTALLATION WITHOUT ANCHORAGE REQUIRES A MINIMUM INSTALLATION LENGTH OF 24 SECTIONS TO MEET TEST LEVEL 2 PERFORMANCE REQUIREMENTS. THIS INSTALLATION REQUIRES A MINIMUM OF 4 SECTIONS UPSTREAM AND 4 SECTIONS DOWNSTREAM FLANKING A MINIMUM OF 16 SECTIONS WITHIN THE LENGTH OF NEED (LON) AREA IMMEDIATELY ADJACENT TO THE WORK AREA.</p> <p>ANCHORAGE, TRANSITION, AND END PROTECTION REQUIREMENTS ARE SPECIFIC TO THIS PRODUCT. THE USER SHALL OBTAIN ALL ANCHORAGE, TRANSITION, AND END PROTECTION SPECIFICATIONS FROM THE MANUFACTURER AND INSTALL AND MAINTAIN THE BARRIER WALL IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Structural Steel) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
4M VULCAN BARRIER PORTABLE STEEL THRIE BEAM LONGITUDINAL BARRIER  TEST LEVEL 3	STRUCTURAL STEEL BARRIER SYSTEM WITH 13'-6" X 2'-8" X 1'-9 1/2" STRUCTURAL STEEL BARRIER WALLS	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 3, (14-FEB-05), (B-134)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b><i>RESTRICTIONS</i></b> -- TEST LEVEL 3 -- FREESTANDING INSTALLATION WITHOUT ANCHORAGE REQUIRES A MINIMUM INSTALLATION LENGTH OF 62 SECTIONS TO MEET TEST LEVEL 3 PERFORMANCE REQUIREMENTS. THIS INSTALLATION REQUIRES A MINIMUM OF 23 SECTIONS UPSTREAM AND 23 SECTIONS DOWNSTREAM FLANKING A MINIMUM OF 16 SECTIONS WITHIN THE LENGTH OF NEED (LON) AREA IMMEDIATELY ADJACENT TO THE WORK AREA.</p> <p>ANCHORAGE, TRANSITION, AND END PROTECTION REQUIREMENTS ARE SPECIFIC TO THIS PRODUCT. THE USER SHALL OBTAIN ALL ANCHORAGE, TRANSITION, AND END PROTECTION SPECIFICATIONS FROM THE MANUFACTURER AND INSTALL AND MAINTAIN THE BARRIER WALL IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Structural Steel) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
12M VULCAN BARRIER PORTABLE STEEL THRIE BEAM LONGITUDINAL BARRIER  TEST LEVEL 2	STRUCTURAL STEEL BARRIER SYSTEM WITH 38'-7" X 2'-8" X 1'-9 1/2" STRUCTURAL STEEL BARRIER WALLS	VALTIR, LLC	ALL	<p>APPROVED TEST LEVEL 2, (28-JUL-08), (B-134C)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b><i>RESTRICTIONS</i></b> -- TEST LEVEL 2 -- FREESTANDING INSTALLATION WITHOUT ANCHORAGE REQUIRES A MINIMUM INSTALLATION LENGTH OF 10 SECTIONS TO MEET TEST LEVEL 2 PERFORMANCE REQUIREMENTS. THIS INSTALLATION REQUIRES A MINIMUM OF 2 SECTIONS UPSTREAM AND 2 SECTIONS DOWNSTREAM FLANKING A MINIMUM OF 6 SECTIONS WITHIN THE LENGTH OF NEED (LON) AREA IMMEDIATELY ADJACENT TO THE WORK AREA.</p> <p><b><i>ANCHORAGE, TRANSITION, AND END PROTECTION REQUIREMENTS</i></b> ARE SPECIFIC TO THIS PRODUCT. THE USER SHALL OBTAIN ALL ANCHORAGE, TRANSITION, AND END PROTECTION SPECIFICATIONS FROM THE MANUFACTURER AND INSTALL AND MAINTAIN THE BARRIER WALL IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Structural Steel) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
ZONEGUARD PORTABLE STEEL LONGITUDINAL BARRIER MASH TEST LEVEL 3	<p>STRUCTURAL STEEL BARRIER SYSTEM WITH 16'-8" X 2'-8" X 2'-3 9/16" STRUCTURAL STEEL BARRIER WALLS WITH BOTH END SECTIONS AND EVERY 33'-4" ALONG THE LENGTH OF THE RUN ANCHORED</p> <p>TEST LEVEL 3 DEFLECTION FOR 2270 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 25.1 INCHES</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 250 FEET (15 SECTIONS)</p>	HILL & SMITH	ALL	<p>APPROVED TEST LEVEL 3, (3-MAY-19), (B-320). APPROVED TEST LEVEL 3, (9-JUNE-20), (B-343)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>ZONEGUARD PORTABLE STEEL LONGITUDINAL BARRIER IS AN ANCHORED SYSTEM. INSTALL THE SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION.</b></p>
ZONEGUARD PORTABLE STEEL LONGITUDINAL BARRIER MASH TEST LEVEL 3	<p>STRUCTURAL STEEL BARRIER SYSTEM WITH 50' X 2'-8" X 2'-3 9/16" STRUCTURAL STEEL BARRIER WALL</p> <p><b>ONLY END SECTIONS ANCHORED</b></p> <p>DEFLECTION -- 81.4 INCHES</p> <p><b>END SECTIONS AND EVERY 50' ANCHORED</b></p> <p>DEFLECTION -- 38.9 INCHES</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 250 FEET (5 SECTIONS)</p>	HILL & SMITH	ALL	<p>APPROVED TEST LEVEL 3, (3-MAY-19), (B-176B). APPROVED TEST LEVEL 3, (9-JUNE-20), (B-176C)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>ZONEGUARD PORTABLE STEEL LONGITUDINAL BARRIER IS AN ANCHORED SYSTEM. INSTALL THE SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION.</b></p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Structural Steel) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
ZONEGUARD PORTABLE STEEL LONGITUDINAL BARRIER TEST LEVEL 4	STRUCTURAL STEEL BARRIER SYSTEM WITH 50' X 2'-8" X 2'-3 9/16" STRUCTURAL STEEL BARRIER WALLS	HILL & SMITH	ALL	<p>APPROVED TEST LEVEL 4, (27-JUNE-08), (B-176)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b><i>RESTRICTIONS -- TEST LEVEL 4 -- MINIMUM INSTALLATION LENGTH OF 250 FEET (5 SECTIONS) IS REQUIRED TO MEET TEST LEVEL 4 PERFORMANCE REQUIREMENTS.</i></b></p> <p><b><i>ANCHORAGE, TRANSITION, AND END PROTECTION REQUIREMENTS ARE SPECIFIC TO THIS PRODUCT. THE USER SHALL OBTAIN ALL ANCHORAGE, TRANSITION, AND END PROTECTION SPECIFICATIONS FROM THE MANUFACTURER AND INSTALL AND MAINTAIN THE BARRIER WALL IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</i></b></p>
HIGHWAYGUARD™ MASH TEST LEVEL 3	<p>ANCHORED STEEL BARRIER SYSTEM WITH 20' X 2'-7.5" X 1'-9.25" STEEL BARRIER WALLS</p> <p>TEST LEVEL 3 DEFLECTION FOR 2270 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 6.33 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 394 FEET</p>	TRINITY HIGHWAY	ALL	<p>APPROVED MASH TEST LEVEL 3, (21-APR-20), (B-329)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b><i>RESTRICTIONS -- TEST LEVEL 3 -- MINIMUM INSTALLATION LENGTH OF 394 FEET IS REQUIRED TO MEET TEST LEVEL 3 PERFORMANCE REQUIREMENTS.</i></b></p> <p><b><i>ANCHORAGE, TRANSITION, AND END PROTECTION REQUIREMENTS ARE SPECIFIC TO THIS PRODUCT. THE USER SHALL OBTAIN ALL ANCHORAGE, TRANSITION, AND END PROTECTION SPECIFICATIONS FROM THE MANUFACTURER AND INSTALL AND MAINTAIN THE BARRIER WALL IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</i></b></p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Structural Steel) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
HIGHWAYGUARD™ LOWER DEFLECTION SYSTEM (LDS) MASH TEST LEVEL 3	<p>ANCHORED STEEL BARRIER SYSTEM WITH 20' X 2'-7.5" X 1'-9.25" STEEL BARRIER WALLS</p> <p>TEST LEVEL 3 DEFLECTION FOR 2270 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 2.23 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 197 FEET</p>	TRINITY HIGHWAY	ALL	<p>APPROVED MASH TEST LEVEL 3, (09-AUG-19), (B-322)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>RESTRICTIONS</b> -- TEST LEVEL 3 – MINIMUM INSTALLATION LENGTH OF 197 FEET IS REQUIRED TO MEET TEST LEVEL 3 PERFORMANCE REQUIREMENTS.</p> <p>ANCHORAGE, TRANSITION, AND END PROTECTION REQUIREMENTS ARE SPECIFIC TO THIS PRODUCT. THE USER SHALL OBTAIN ALL ANCHORAGE, TRANSITION, AND END PROTECTION SPECIFICATIONS FROM THE MANUFACTURER AND INSTALL AND MAINTAIN THE BARRIER WALL IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p>
HIGHWAYGUARD MDS	<p>ANCHORED STEEL BARRIER SYSTEM WITH 20' X 2'-7.5" X 1'-9.25" STEEL BARRIER WALLS</p> <p>TEST LEVEL 3 DEFLECTION FOR 2270 KG PICKUP TRUCK @ 25 DEGREE IMPACT ANGLE -- 0.56 FEET</p> <p>MINIMUM INSTALLATION LENGTH (CONTINUOUS RUN with NO BREAKS) -- 118 FEET</p>	VALTIR LLC	ALL	<p>APPROVED TEST LEVEL 4, (14-JUNE-23), (B-370)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b>RESTRICTIONS</b> -- TEST LEVEL 3 – MINIMUM INSTALLATION LENGTH OF 197 FEET IS REQUIRED TO MEET TEST LEVEL 3 PERFORMANCE REQUIREMENTS.</p> <p>ANCHORAGE, TRANSITION, AND END PROTECTION REQUIREMENTS ARE SPECIFIC TO THIS PRODUCT. THE USER SHALL OBTAIN ALL ANCHORAGE, TRANSITION, AND END PROTECTION SPECIFICATIONS FROM THE MANUFACTURER AND INSTALL AND MAINTAIN THE BARRIER WALL IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Structural Steel) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
BG800 TO HIGHWAYGUARD™ LOWER DEFLECTION SYSTEM (LDS) TRANSITION  MASH TEST LEVEL 3	STEEL BARRIER TRANSITION FROM BG800 TO HIGHWAYGUARD™ LOWER DEFLECTION SYSTEM (LDS)  20' X 2'-7.5" X 1'-9.25" STEEL BARRIER SECTION	TRINITY HIGHWAY	ALL	APPROVED MASH TEST LEVEL 3, (09-AUG-19), (B-323)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- TEST LEVEL 3 – MINIMUM INSTALLATION LENGTH OF 118 FEET OF HIGHWAYGUARD™ LOWER DEFLECTION SYSTEM (LDS) AND 177 FEET OF BG800 IS REQUIRED TO MEET TEST LEVEL 3 PERFORMANCE REQUIREMENTS FOR THE TRANSITION.  ANCHORAGE, TRANSITION, AND END PROTECTION REQUIREMENTS ARE SPECIFIC TO THIS PRODUCT. THE USER SHALL OBTAIN ALL ANCHORAGE, TRANSITION, AND END PROTECTION SPECIFICATIONS FROM THE MANUFACTURER AND INSTALL AND MAINTAIN THE BARRIER WALL IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
12M VULCAN BARRIER PORTABLE STEEL THRIE BEAM LONGITUDINAL BARRIER  TEST LEVEL 3	STRUCTURAL STEEL BARRIER SYSTEM WITH 38'-7" X 2'-8" X 1'-9 1/2" STRUCTURAL STEEL BARRIER WALLS	VALTIR, LLC	ALL	APPROVED TEST LEVEL 2, (28-JUL-08), (B-134C)  SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION  <b>RESTRICTIONS</b> -- TEST LEVEL 3 – FREESTANDING INSTALLATION WITHOUT ANCHORAGE REQUIRES A MINIMUM INSTALLATION LENGTH OF 24 SECTIONS TO MEET TEST LEVEL 3 PERFORMANCE REQUIREMENTS. THIS INSTALLATION REQUIRES A MINIMUM OF 9 SECTIONS UPSTREAM AND 9 SECTIONS DOWNSTREAM FLANKING A MINIMUM OF 6 SECTIONS WITHIN THE LENGTH OF NEED (LON) AREA IMMEDIATELY ADJACENT TO THE WORK AREA.  ANCHORAGE, TRANSITION, AND END PROTECTION REQUIREMENTS ARE SPECIFIC TO THIS PRODUCT. THE USER SHALL OBTAIN ALL ANCHORAGE, TRANSITION, AND END PROTECTION SPECIFICATIONS FROM THE MANUFACTURER AND INSTALL AND MAINTAIN THE BARRIER WALL IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

(Category III Continued)

## LONGITUDINAL BARRIERS (Structural Steel) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
DEFENDER BARRIER 100 HC TEST LEVEL 4 (MASH)	ANCHORED STRUCTURAL STEEL BARRIER SYSTEM WITH 12'-9" X 2'-7 1/2" X 2'-3" STRUCTURAL STEEL BARRIER WALLS	SAFE BARRIERS	ALL	<p>APPROVED TEST LEVEL 4, (14-FEB-18), (B-298)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b><i>RESTRICTIONS</i></b> -- TEST LEVEL 3 --INSTALLATION REQUIRES A MINIMUM INSTALLATION LENGTH OF 256 FEET TO MEET TEST LEVEL 4 PERFORMANCE REQUIREMENTS.</p> <p><b><i>ANCHOR ON 6" ASPHALT OVER 6" COMPACTED SUB-BASE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</i></b></p> <p><b><i>SUPPLEMENT WITH THE TAU-II CUSHION (MASH) WHEN END PROTECTION IS NECESSARY.</i></b></p> <p><b><i>ONLY USE WHEN THERE IS AT LEAST 8 FEET AVAILABLE BEHIND THE BARRIER WALL FOR DEFLECTION.</i></b></p>
DEFENDER BARRIER 100 LDS TEST LEVEL 3 (MASH)	ANCHORED STRUCTURAL STEEL BARRIER SYSTEM WITH 12'-9" X 2'-7 1/2" X 2'-3" STRUCTURAL STEEL BARRIER WALLS	SAFE BARRIERS	ALL	<p>APPROVED TEST LEVEL 3, (14-FEB-18), (B-297)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b><i>RESTRICTIONS</i></b> -- TEST LEVEL 3 --INSTALLATION REQUIRES A MINIMUM INSTALLATION LENGTH OF 256 FEET TO MEET TEST LEVEL 3 PERFORMANCE REQUIREMENTS.</p> <p><b><i>ANCHOR ON 6" ASPHALT OVER 6" COMPACTED SUB-BASE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</i></b></p> <p><b><i>SUPPLEMENT WITH THE TAU-II CUSHION (MASH) WHEN END PROTECTION IS NECESSARY.</i></b></p> <p><b><i>ONLY USE WHEN THERE IS AT LEAST 3 FEET AVAILABLE BEHIND THE BARRIER WALL FOR DEFLECTION.</i></b></p>

(Category III Continued)

## LONGITUDINAL BARRIERS (Structural Steel) (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
HV2 STEEL BARRIER TEST LEVEL 4 (MASH)	STEEL BARRIER SYSTEM WITH 19 <sup>3/8</sup> " X 2'-11 7/16" X 1'-5 11/16" STEEL BARRIER WALLS	SAFEROADS	ALL	<p>APPROVED TEST LEVEL 4, (17-SEP-18), (B308)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b><i>RESTRICTIONS</i></b> -- TEST LEVEL 4 --INSTALLATION REQUIRES A MINIMUM INSTALLATION LENGTH OF 913 FEET TO MEET TEST LEVEL 4 PERFORMANCE REQUIREMENTS.</p> <p><b><i>ANCHORAGE, TRANSITION, AND END PROTECTION REQUIREMENTS ARE SPECIFIC TO THIS PRODUCT. THE USER SHALL OBTAIN ALL ANCHORAGE, TRANSITION, AND END PROTECTION SPECIFICATIONS FROM THE MANUFACTURER AND INSTALL AND MAINTAIN THE BARRIER WALL IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</i></b></p> <p><b><i>ONLY USE WHEN THERE IS AT LEAST 5 FEET AVAILABLE BEHIND THE BARRIER WALL FOR DEFLECTION.</i></b></p>
HV2 TRANSITION TEST LEVEL 3 (MASH)	.39" STEEL BASEPLATE MEASURING 74.8" X 42" WELDED TO BODY SECTION WITH TRANSITION FENDER PANELS AND KNUCKLE CONNECTOR FOR ATTACHEMENT TO HV2 BARRIER SEGMENTS.	SAFEROADS	ALL	<p>APPROVED TEST LEVEL 3, (17-SEP-18), (B306)</p> <p>SEE THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION</p> <p><b><i>RESTRICTIONS</i></b> -- ANCHORAGE, TRANSITION, AND END PROTECTION REQUIREMENTS ARE SPECIFIC TO THIS PRODUCT. THE USER SHALL OBTAIN ALL ANCHORAGE, TRANSITION, AND END PROTECTION SPECIFICATIONS FROM THE MANUFACTURER AND INSTALL AND MAINTAIN THE TRANSITION IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p>

(Category III Continued)

**GROUND MOUNTED U-CHANNEL POSTS**

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 602

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
3 PPF U-CHANNEL POST	3 POUND PER FOOT GALVANIZED U-CHANNEL POSTS MANUFACTURED OF HIGH STRENGTH REROLLED RAIL STEEL CONFORMING TO ASTM A499 FOR SUPPORTING A RIGID SIGN BLANK SUBSTRATE (i.e. AN ALUMINUM SIGN BLANK)	CHICAGO HEIGHTS STEEL	ALL	APPROVED FHWA, (7-MAR-96), (SS-59) APPROVED NCHRP REPORT 350, (28-AUG-98) TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".
"FRANKLIN FLANGED CHANNEL SIGN POST" 3 PPF U-CHANNEL POST	3 POUND PER FOOT GALVANIZED U-CHANNEL POSTS MANUFACTURED OF HIGH STRENGTH REROLLED RAIL STEEL CONFORMING TO ASTM A499-81, GRADE 60 FOR SUPPORTING A RIGID SIGN BLANK SUBSTRATE (i.e. AN ALUMINUM SIGN BLANK)	FRANKLIN INDUSTRIES	ALL	APPROVED FHWA, (16-MAR-89), (SS-9) APPROVED NCHRP REPORT 350, (28-AUG-98) TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".
"RIB-BAK" 3 PPF U-CHANNEL POST	3 POUND PER FOOT GALVANIZED U-CHANNEL POSTS MANUFACTURED OF HIGH STRENGTH REROLLED RAIL STEEL CONFORMING TO ASTM A499 FOR SUPPORTING A RIGID SIGN BLANK SUBSTRATE (i.e. AN ALUMINUM SIGN BLANK)	MARION STEEL COMPANY	ALL	APPROVED FHWA, (31-AUG-89), (SS-13) APPROVED NCHRP REPORT 350, (28-AUG-98) TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".

(Category III Continued)

**GROUND MOUNTED U-CHANNEL POSTS - BREAKAWAY ASSEMBLIES**

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 602

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SAFETY SPLICE" BREAKAWAY SYSTEM FOR 3 PPF U-CHANNEL POSTS (DUAL SPACERS)	3'-0" LONG GROUND SUPPORT (STUB) DRIVEN INTO THE GROUND WITH THE TOP EXTENDING NO MORE THAN 4" ABOVE THE GROUND ATTACHED TO THE FRONT OF THE U-CHANNEL SIGN SUPPORT WITH A SAFETY SPLICE BREAKAWAY SYSTEM CONSISTING OF TWO 5/16" X 1-1/2" GRADE 9 BOLTS SPACED 4" APART WITH TWO GRADE 9 CUT WASHERS, TWO 1" X 1" X 3/8" SPACERS WITH 13/32" DIAMETER CENTER PUNCHED HOLES, AND A SELF LOCKING FLANGE NUT FOR EACH BOLT.	CHICAGO HEIGHTS STEEL	ALL	APPROVED FHWA, (07-MAR-96), (SS-59) APPROVED NCHRP REPORT 350, (28-AUG-98) TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".
"SAFETY SPLICE" BREAKAWAY SYSTEM FOR 3 PPF U-CHANNEL POSTS (SINGLE SPACER BAR)	3'-0" LONG GROUND SUPPORT (STUB) DRIVEN INTO THE GROUND WITH THE TOP EXTENDING NO MORE THAN 4" ABOVE THE GROUND ATTACHED TO THE FRONT OF THE U-CHANNEL SIGN SUPPORT WITH A SAFETY SPLICE BREAKAWAY SYSTEM CONSISTING OF A 3/8" THICK SINGLE STEEL SPACER BAR DRILLED AND TAPPED WITH THREADED HOLES 4" APART AND ATTACHED WITH TWO 5/16" X 1-1/2" GRADE 9 BOLTS, TWO GRADE 9 CUT WASHERS, AND A SELF LOCKING FLANGE NUT FOR EACH BOLT.	CHICAGO HEIGHTS STEEL	ALL	APPROVED FHWA, (29-APR-96), (SS-59A) APPROVED NCHRP REPORT 350, (28-AUG-98) TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".

(Category III Continued)

## GROUND MOUNTED U-CHANNEL POSTS - BREAKAWAY ASSEMBLIES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"EZE-ERECT RETAINER-SPACER STRAP" BREAKAWAY SYSTEM FOR "FRANKLIN FLANGED CHANNEL SIGN POST" 3 PPF U-CHANNEL POSTS	GROUND SUPPORT (STUB) DRIVEN INTO THE GROUND WITH THE TOP EXTENDING NO MORE THAN 4" ABOVE THE GROUND ATTACHED TO THE FRONT OF THE U-CHANNEL SIGN SUPPORT WITH A RETAINER-STRAP BREAKAWAY SYSTEM CONSISTING OF A 1.00" X 0.375" X 17.125" ASTM A123 GALVANIZED STEEL STRAP WITH A 0.375" OFFSET ATTACHED WITH THREE ASTM A354 5/16" -18 UNC X 2" GRADE BD BOLTS WITH AN ASTM A563 5/16" -UNC GRADE DH HEX HEAD NUT S AND LOCK WASHER FOR EACH BOLT.	FRANKLIN INDUSTRIES	ALL	APPROVED FHWA, (16-MAR-89), (SS-9) APPROVED NCHRP REPORT 350, (28-AUG-98) TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".
"FRANKLIN BASE BOLTED" BREAKAWAY SYSTEM FOR 3 PPF U-CHANNEL POSTS	GROUND SUPPORT (STUB) DRIVEN INTO THE GROUND WITH THE TOP EXTENDING NO MORE THAN 4" ABOVE THE GROUND ATTACHED TO THE FRONT OF THE U-CHANNEL SIGN SUPPORT WITH A FRANKLIN BASE BOLTED BREAKAWAY SYSTEM CONSISTING OF TWO 5/16" -18 UNC X 2-1/4" GRADE 9 BOLTS SPACED 4" APART WITH A 5/16" GRADE 9 CUT WASHER, A ROUND 1" DIAMETER X 0.625" THICK SPACER WITH A 0.438" DIAMETER CENTER HOLE, AND A HEX HEAD FLANGED LOCK NUT OR STANDARD GRADE 9 HEX HEAD BOLT AND LOCKWASHER FOR EACH BOLT.	FRANKLIN INDUSTRIES	ALL	APPROVED FHWA, (9-SEP-96), (SS-67) APPROVED NCHRP REPORT 350, (28-AUG-98) TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".

(Category III Continued)

**GROUND MOUNTED U-CHANNEL POSTS - BREAKAWAY ASSEMBLIES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"LAP SPLICE BREAKAWAY" SYSTEM FOR 3 PPF RIB-BAK U-CHANNEL POSTS	3'-2-1/2" LONG GROUND SUPPORT (STUB) DRIVEN INTO THE GROUND WITH THE TOP EXTENDING NO MORE THAN 4" ABOVE THE GROUND ATTACHED TO THE FRONT OF THE U-CHANNEL SIGN SUPPORT WITH A LAP SPLICE BREAKAWAY SYSTEM CONSISTING OF A 3/4" X 1/2" X 5" SINGLE STEEL SPACER BAR DRILLED AND TAPPED WITH THREADED HOLES 4" APART AND ATTACHED WITH TWO HIGH STRENGTH 5/16" X 1-1/2" PLATED GRADE 9 BOLTS WITH A SELF LOCKING FLANGE NUT AND GRADE 9 CUT WASHER FOR EACH BOLT.	MARION STEEL COMPANY	ALL	APPROVED FHWA, (14-MAR-96), (SS-56A) APPROVED NCHRP REPORT 350, (28-AUG-98)  TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".
"SLIP SAFE REUSABLE SLIP BASE" BREAKAWAY SYSTEM FOR 3 PPF U-CHANNEL POSTS	3'-6" LONG GROUND SUPPORT (STUB) DRIVEN INTO THE GROUND WITH THE TOP EXTENDING NO MORE THAN 4" ABOVE THE GROUND WITH A SLIP SAFE BASE CASTING ATTACHED TO THE FRONT OF THE U-CHANNEL GROUND SUPPORT. THE BASE CASTING IS TOPPED WITH A KEEPER PLATE TO SEPARATE THE GROUND SUPPORT AND THE SIGN SUPPORT. THE SIGN SUPPORT IS ATTACHED TO THE GROUND SUPPORT BY MEANS OF THE SLIP SAFE CASTING ATTACHED TO THE FRONT OF THE U-CHANNEL SIGN SUPPORT. EACH SLIP SAFE CASTING IS ATTACHED TO EACH U-CHANNEL POST WITH TWO 8mm X 40 mm SOCKET HEAD ATTACHMENT BOLTS. THE SLIP SAFE CASTINGS AND THE KEEPER PLATE ARE ATTACHED WITH TWO 13mm X 55mm ATTACHMENT BOLTS.	MARION STEEL COMPANY	ALL	APPROVED FHWA, (18-SEP-96), (SS-69) APPROVED FHWA FOR WEAK SOIL, (04-APR-97) APPROVED NCHRP REPORT 350, (28-AUG-98)  TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".

(Category III Continued)

**GROUND MOUNTED U-CHANNEL POSTS - BREAKAWAY ASSEMBLIES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"UNIVERSAL SPACER BAR" BREAKAWAY SYSTEM FOR 3 PPF U-CHANNEL POSTS	GROUND SUPPORT (STUB) DRIVEN INTO THE GROUND WITH THE TOP EXTENDING NO MORE THAN 4" ABOVE THE GROUND ATTACHED TO THE FRONT OF THE U-CHANNEL SIGN SUPPORT WITH A UNIVERSAL SPACER BAR BREAKAWAY SYSTEM CONSISTING OF A 3/4" X 1-1/8" X 6" SINGLE STEEL SPACER BAR DRILLED AND TAPPED WITH THREADED HOLES 4" APART AND ATTACHED WITH TWO HIGH STRENGTH 5/16" -18 UNC X 2-1/4" GRADE 9 BOLTS WITH A ROUND 1" DIAMETER X 0.625" THICK SPACER WITH A 0.438" DIAMETER CENTER HOLE, AND A HEX HEAD FLANGED LOCK NUT OR STANDARD GRADE 9 HEX HEAD BOLT AND LOCKWASHER FOR EACH BOLT	FRANKLIN INDUSTRIES for PENNSYLVANIA DEPARTMENT OF TRANSPORTATION DESIGN	ALL	APPROVED FHWA, (24-FEB-97), (SS-73)  APPROVED NCHRP REPORT 350, (28-AUG-98)  TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".
"SNAP 'N SAFE" U-CHANNEL SURFACE MOUNT BREAKAWAY COUPLER	ASTM A48 GRAY IRON CLASS 35 COUPLER ATTACHED TO U-CHANNEL SIGN SUPPORT AND GROUND SUPPORT WITH 5/16" HEX HEAD BOLTS	DESIGNOVATIONS, INC.	ALL	APPROVED FHWA, (06-DEC-07), (SS-156)  APPROVED NCHRP REPORT 350, (28-AUG-98)
"SNAP 'N SAFE" U-CHANNEL IN GROUND BREAKAWAY COUPLER (4 FOOT STUB)	ASTM A48 GRAY IRON CLASS 35 COUPLER ATTACHED TO U-CHANNEL SIGN SUPPORT AND GROUND SUPPORT WITH 5/16" HEX HEAD BOLTS	DESIGNOVATIONS, INC.	ALL	APPROVED FHWA, (06-DEC-07), (SS-156)  APPROVED NCHRP REPORT 350, (28-AUG-98)

(Category III Continued)

## GROUND MOUNTED SQUARE STEEL TUBE POSTS

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
TELESPAR SQUARE STEEL TUBE POST SIGN SUPPORT SYSTEM	<p>2" x 2" PERFORATED 12 GAUGE OR 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT</p> <p>2½" x 2½" PERFORATED 12 GAUGE SQUARE STEEL TUBE POST GROUND SUPPORT</p> <p>2¼" x 2¼" PERFORATED 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT</p>	ALLIED TUBE & CONDUIT	ALL	<p>APPROVED FHWA, (31-MAR-89), (SS-08)</p> <p>APPROVED NCHRP REPORT 350, (28-AUG-98)</p> <p>TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".</p> <p><b><i>RESTRICTIONS</i></b> – (1) <i>INSTALL A 2" x 2" 12 GAUGE OR A 2" x 2" 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT BY INSERTION INTO A 2½" x 2½" 12 GAUGE SQUARE STEEL TUBE POST GROUND SUPPORT OR BY A DIRECT EMBEDMENT METHOD ONLY.</i>  <i>(2) INSTALL A 2¼" x 2¼" 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT BY INSERTION INTO AN APPROVED 3" x 3" 7 GAUGE BREAKAWAY ANCHOR ONLY.</i></p>
ULTI-MATE TELESCOPIC SQUARE SIGN SUPPORTS	<p>2" x 2" PERFORATED 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT</p> <p>2 ¼ " x 2 ¼ " PERFORATED 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT</p> <p>2 ½ " x 2 ½ " PERFORATED 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT</p> <p>2" x 2" PERFORATED 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT</p> <p>2 ¼ " x 2 ¼ " PERFORATED 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT</p>	ULTIMATE HIGHWAY SOLUTIONS	ALL	<p>APPROVED FHWA, (03-JUN-96), (SS-62)</p> <p>TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".</p> <p><b><i>RESTRICTIONS</i></b> – (1) <i>A 2" x 2" 14.GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT IN A SINGLE POST SIGN ASSEMBLY IS PROHIBITED.</i>  <i>(2) THE TOTAL SQUARE FOOTAGE OF SIGN PANELS ATTACHED TO A SINGLE POST SIGN ASSEMBLY WITH A 2" x 2" 12 GAUGE STEEL TUBE POST SIGN SUPPORT SHALL NOT EXCEED 14 SQUARE FEET.</i></p> <p>SCDOT ACCEPTANCE, (16-AUG-19)</p>

(Category III Continued)

## GROUND MOUNTED SQUARE STEEL TUBE POSTS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
S-SQUARE SQUARE STEEL TUBE POST SIGN SUPPORT SYSTEM	2" x 2" PERFORATED 12 GAUGE OR 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT  2 $\frac{1}{4}$ " x 2 $\frac{1}{4}$ " PERFORATED 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT	S-SQUARE TUBE PRODUCTS, INC.	ALL	APPROVED FHWA, (02-JUL-96), (SS-63)  APPROVED NCHRP REPORT 350, (28-AUG-98)  TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".  <b>RESTRICTIONS</b> – (1) INSTALL A 2" x 2" 12 GAUGE OR A 2" x 2" 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT BY INSERTION INTO A 2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " 12 GAUGE SQUARE STEEL TUBE POST GROUND SUPPORT OR BY A DIRECT EMBEDMENT METHOD ONLY. (2) INSTALL A 2 $\frac{1}{4}$ " x 2 $\frac{1}{4}$ " 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT BY DIRECT EMBEDMENT METHOD ONLY.
2" x 2" S-SQUARE 12 GAUGE OR 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT SYSTEM  2 $\frac{1}{4}$ " x 2 $\frac{1}{4}$ " S-SQUARE 12 GAUGE STEEL TUBE POST SIGN SUPPORT  DIRECT EMBEDMENT OF 2" x 2" 12 GAUGE OR 14 GAUGE S-SQUARE SQUARE STEEL TUBE POST SIGN SUPPORTS  (MULTIPLE POST SIGN ASSEMBLY)	2" x 2" PERFORATED 12 GAUGE OR 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT INSERTED INTO AND SECURED TO A MINIMUM 30" LONG 2 $\frac{1}{4}$ " x 2 $\frac{1}{4}$ " 12 GAUGE SQUARE STEEL TUBE POST GROUND SUPPORT EMBEDDED NO LESS THAN 28" INTO THE GROUND WITH NO MORE THAN 2" OF THE GROUND SUPPORT EXPOSED ABOVE THE SURFACE OF THE GROUND.  THE 2" x 2" PERFORATED 12 GAUGE OR 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT MAY BE DIRECTLY EMBEDDED INTO THE GROUND TO A MINIMUM DEPTH OF 36" AS AN ALTERNATIVE INSTALLATION OPTION.	S-SQUARE TUBE PRODUCTS, INC.	ALL	APPROVED FHWA, (02-JUL-96), (SS-63)  APPROVED NCHRP REPORT 350, (28-AUG-98)  TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".  <b>RESTRICTIONS</b> – (1) INSTALL EACH POST OF A MULTIPLE POST SIGN ASSEMBLY BY THE SAME METHOD; VARIABLE POST INSTALLATION METHODS IN A MULTIPLE POST SIGN ASSEMBLY IS PROHIBITED.

(Category III Continued)

## GROUND MOUNTED SQUARE STEEL TUBE POSTS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
2" x 2" S-SQUARE 12 GAUGE OR 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT SYSTEM  2 $\frac{1}{4}$ " x 2 $\frac{1}{4}$ " S-SQUARE 12 GAUGE STEEL TUBE POST SIGN SUPPORT  DIRECT EMBEDMENT OF 2" x 2" 12 GAUGE OR 14 GAUGE S-SQUARE SQUARE STEEL TUBE POST SIGN SUPPORTS  (SINGLE POST SIGN ASSEMBLY)	2" x 2" PERFORATED 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT INSERTED INTO AND SECURED TO A MINIMUM 30" LONG 2 $\frac{1}{4}$ " x 2 $\frac{1}{4}$ " 12 GAUGE SQUARE STEEL TUBE POST GROUND SUPPORT EMBEDDED NO LESS THAN 28" INTO THE GROUND WITH NO MORE THAN 2" OF THE GROUND SUPPORT EXPOSED ABOVE THE SURFACE OF THE GROUND.  THE 2" x 2" PERFORATED 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT MAY BE DIRECTLY EMBEDDED INTO THE GROUND TO A MINIMUM DEPTH OF 36" AS AN ALTERNATIVE INSTALLATION OPTION.	S-SQUARE TUBE PRODUCTS, INC.	ALL	APPROVED FHWA, (02-JUL-96), (SS-63)  APPROVED NCHRP REPORT 350, (28-AUG-98)  TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".  <b><i>RESTRICTIONS</i></b> – (1) A 2" x 2" 14.GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT IN A SINGLE POST SIGN ASSEMBLY IS PROHIBITED. (2) THE TOTAL SQUARE FOOTAGE OF SIGN PANELS ATTACHED TO A SINGLE POST SIGN ASSEMBLY WITH A 2" x 2" 12 GAUGE STEEL TUBE POST SIGN SUPPORT SHALL NOT EXCEED 14 SQUARE FEET.  SCDOT ACCEPTANCE, (13-AUG-13)

(Category III Continued)

## GROUND MOUNTED SQUARE STEEL TUBE POSTS - BREAKAWAY ASSEMBLIES

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
2" x 2" TELESPAR 12 GAUGE OR 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT SYSTEM  2 $\frac{1}{4}$ " x 2 $\frac{1}{4}$ " 12 GAUGE TELESPAR SQUARE STEEL TUBE POST GROUND SUPPORT  DIRECT EMBEDMENT OF 2" x 2" 12 GAUGE OR 14 GAUGE TELESPAR SQUARE STEEL TUBE POST SIGN SUPPORTS  (MULTIPLE POST SIGN ASSEMBLY)	2" x 2" PERFORATED 12 GAUGE OR 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT INSERTED INTO AND SECURED TO A MINIMUM 30" LONG 2 $\frac{1}{4}$ " x 2 $\frac{1}{4}$ " 12 GAUGE SQUARE STEEL TUBE POST GROUND SUPPORT EMBEDDED NO LESS THAT 28" INTO THE GROUND WITH NO MORE THAN 2" OF THE GROUND SUPPORT EXPOSED ABOVE THE SURFACE OF THE GROUND. ALSO, THE 2" x 2" PERFORATED 12 GAUGE OR 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT MAY BE DIRECTLY EMBEDDED INTO THE GROUND TO A MINIMUM DEPTH OF 36" AS AN ALTERNATIVE INSTALLATION OPTION.	ALLIED TUBE & CONDUIT	ALL	APPROVED FHWA, (31-MAR-89), (SS-08)  APPROVED NCHRP REPORT 350, (28-AUG-98)  TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".  <b>RESTRICTIONS</b> -- INSTALL EACH POST OF A MULTIPLE POST SIGN ASSEMBLY BY THE SAME METHOD; VARIABLE INSTALLATION METHODS IN A MULTIPLE POST SIGN ASSEMBLY IS PROHIBITED.
2" x 2" TELESPAR 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT SYSTEM  2 $\frac{1}{4}$ " x 2 $\frac{1}{4}$ " 12 GAUGE TELESPAR SQUARE STEEL TUBE POST GROUND SUPPORT  DIRECT EMBEDMENT OF 2" x 2" 12 GAUGE TELESPAR SQUARE STEEL TUBE POST SIGN SUPPORT  (SINGLE POST SIGN ASSEMBLY)	2" x 2" PERFORATED 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT INSERTED INTO AND SECURED TO A MINIMUM 30" LONG 2 $\frac{1}{4}$ " x 2 $\frac{1}{4}$ " 12 GAUGE SQUARE STEEL TUBE POST GROUND SUPPORT EMBEDDED NO LESS THAT 28" INTO THE GROUND WITH NO MORE THAN 2" OF THE GROUND SUPPORT EXPOSED ABOVE THE SURFACE OF THE GROUND. ALSO, THE 2" x 2" PERFORATED 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT MAY BE DIRECTLY EMBEDDED INTO THE GROUND TO A MINIMUM DEPTH OF 36" AS AN ALTERNATIVE INSTALLATION OPTION.	ALLIED TUBE & CONDUIT	ALL	APPROVED FHWA, (31-MAR-89), (SS-08)  APPROVED NCHRP REPORT 350, (28-AUG-98)  TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".  <b>RESTRICTIONS</b> – (1) A 2" x 2" 14 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT IN A SINGLE POST SIGN ASSEMBLY IS PROHIBITED. (2) THE TOTAL SQUARE FOOTAGE OF SIGN PANELS ATTACHED TO A SINGLE POST SIGN ASSEMBLY WITH A 2" x 2" 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT SHALL NOT EXCEED 14 SQUARE FEET.

(Category III Continued)

## GROUND MOUNTED SQUARE STEEL TUBE POSTS - BREAKAWAY ASSEMBLIES (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
2½" x 2½" TELESPAR 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT SYSTEM  3" x 3" 7 GAUGE SQUARE STEEL TUBE BREAKAWAY ANCHOR  (SINGLE POST SIGN ASSEMBLY)	2½" x 2½" PERFORATED 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT INSERTED INTO AND SECURED TO A BREAKAWAY ANCHOR CONSTRUCTED OF A 3" x 3" 7 GAUGE STRUCTURAL SQUARE STEEL TUBE EMBEDDED NO LESS THAN 33" INTO THE GROUND WITH NO MORE THAN 3" OF THE BREAKAWAY ANCHOR EXPOSED ABOVE THE SURFACE OF THE GROUND.	ALLIED TUBE & CONDUIT	ALL	APPROVED FHWA, (31-MAR-89), (SS-08)  APPROVED NCHRP REPORT 350, (28-AUG-98)  TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".  <b>RESTRICTIONS</b> – (1) THE TOTAL SQUARE FOOTAGE OF SIGN PANELS ATTACHED TO THIS SINGLE POST SIGN ASSEMBLY WITH A 2½" x 2½" 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT SHALL BE GREATER THAN 14 SQUARE FEET BUT SHALL NOT EXCEED 20 SQUARE FEET.
2½" x 2½" TELESPAR 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT SYSTEM  3" x 3" x 3/16" 7 GAUGE STRUCTURAL STEEL ANGLE BREAKAWAY ANCHOR  (SINGLE POST SIGN ASSEMBLY)	2½" x 2½" PERFORATED 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT INSERTED INTO AND SECURED TO A BREAKAWAY ANCHOR CONSTRUCTED OF A 3" x 3" x 3/16" 7 GAUGE STRUCTURAL STEEL ANCHOR ATTACHED TO A 2½" x 2½" SQUARE STEEL TUBE EMBEDDED NO LESS THAN 36" INTO THE GROUND WITH NO MORE THAN 3" OF THE BREAKAWAY ANCHOR EXPOSED ABOVE THE SURFACE OF THE GROUND.	ALLIED TUBE & CONDUIT	ALL	APPROVED FHWA, (31-MAR-89), (SS-08)  APPROVED NCHRP REPORT 350, (28-AUG-98)  TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".  <b>RESTRICTIONS</b> – (1) THE TOTAL SQUARE FOOTAGE OF SIGN PANELS ATTACHED TO THIS SINGLE POST SIGN ASSEMBLY WITH A 2½" x 2½" 12 GAUGE SQUARE STEEL TUBE POST SIGN SUPPORT SHALL BE GREATER THAN 14 SQUARE FEET BUT SHALL NOT EXCEED 20 SQUARE FEET.
"SNAP 'N SAFE" SQUARE TUBE POST SURFACE MOUNT BREAKAWAY COUPLER	ASTM A48 GRAY IRON CLASS 35 COUPLER ATTACHED TO SQUARE TUBE SIGN SUPPORT AND GROUND SUPPORT	DESIGNOVATIONS, INC.	ALL	APPROVED FHWA, (04-APR-04), (SS-123) APPROVED FHWA, (28-FEB-07), (SS-123 Amendment #1)  APPROVED NCHRP REPORT 350, (28-AUG-98)
"SNAP 'N SAFE" SQUARE TUBE POST IN GROUND BREAKAWAY COUPLER	ASTM A48 GRAY IRON CLASS 35 COUPLER ATTACHED TO SQUARE TUBE SIGN SUPPORT AND GROUND SUPPORT	DESIGNOVATIONS, INC.	ALL	APPROVED FHWA, (04-APR-04), (SS-123) APPROVED FHWA, (28-FEB-07), (SS-123 Amendment #1)  APPROVED NCHRP REPORT 350, (28-AUG-98)

(Category III Continued)

**GROUND MOUNTED SQUARE STEEL TUBE POSTS - BREAKAWAY ASSEMBLIES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"HDWA250" ANGLE LEG WINGED ANCHOR FOR PERFORATED SQUARE STEEL TUBE POSTS	<p>36" ANGLE LEG WINGED ANCHOR FOR 2-1/2" PERFORATED SQUARE STEEL POST DRIVEN INTO THE GROUND WITH THE TOP EXTENDING NO MORE THAN 2" ABOVE THE GROUND WITH A 2-1/2" X 12' X 10 GAUGE PERFORATED SQUARE STEEL POST INSERTED 9-1/4" INTO THE ANGLE LEG WINGED ANCHOR AND ATTACHED WITH A 5/16" - 18 UNC GRADE 2 LARGE CORNER BOLT AND A 5/16" - 18 UNC GRADE 2 SERRATED FLANGE NUT.</p> <p>RIGID SIGN SUBSTRATE ATTACHED TO TWO 15" 6061-T6 ALUMINUM ALLOY SIGN BRACES WITH 1/8" NOMINAL WALL THICKNESS WITH FOUR 3/8" ALUMINUM SHELL STEEL PIN DRIVE RIVETS.</p> <p>SIGN ASSEMBLY ATTACHED TO ONE 2-1/2" X 12' X 10 GAUGE PERFORATED SQUARE STEEL POST WITH TWO 2-1/2" STAINLESS STEEL SQUARE SIGN BRACE POST CLAMPS.</p>	XCESSORIES SQUARED DEVELOPMENT & MANUFACTURING INC.	ALL	<p>APPROVED FHWA, (31-MAR-89), (SS-08)</p> <p>APPROVED NCHRP REPORT 350, (28-AUG-98)</p> <p>TO MAINTAIN ACCEPTANCE UNDER THE GUIDELINES OF THE "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".</p>

## APPROVED WORK ZONE TRAFFIC CONTROL DEVICES

### CATEGORY IV

ADVANCE WARNING ARROW PANELS, CHANGEABLE MESSAGE SIGNS, PORTABLE TRAFFIC SIGNALS, PORTABLE LIGHTING EQUIPMENT

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS

The FHWA and AASHTO are evaluating methods for making these devices crashworthy. The target date for requiring these devices to meet MASH requirements has not been determined. No Category IV devices have been approved at this time.

## APPROVED WORK ZONE TRAFFIC CONTROL DEVICES

SUPPLEMENTAL DEVICES  
&  
MISCELLANEOUS HARDWARE

## WARNING LIGHTS

SEE 2025 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 608

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"B4DH" HIGH INTENSITY WARNING LIGHT	TYPE "B" FLASHING HIGH INTENSITY WARNING LIGHT. LED LIGHT SOURCE POWERED BY 4 D-CELL BATTERIES.	DICKE SAFETY PRODUCTS	ALL	<p>APPROVED FHWA, (15-NOV-01), (WZ-85)</p> <p><b>RESTRICTIONS</b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). DETACHABLE BATTERY PACKS THAT REST ON THE GROUND ARE ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>
"EMPCO-Y2K" WARNING LIGHT	TYPE "A" FLASHING OR TYPE "C" STEADY BURNING LOW INTENSITY WARNING LIGHT. LED LIGHT SOURCE POWERED BY 4 D-CELL BATTERIES.	EMPCO-LITE	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b>RESTRICTIONS</b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). DETACHABLE BATTERY PACKS THAT REST ON THE GROUND ARE ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>

## (Supplemental Devices &amp; Miscellaneous Hardware Continued)

## WARNING LIGHTS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"EMPCO-Y2K-HIGH LITE" WARNING LIGHT	TYPE "B" FLASHING HIGH INTENSITY WARNING LIGHT. LED LIGHT SOURCE POWERED BY 4 D-CELL BATTERIES.	EMPCO-LITE	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b><u>RESTRICTIONS</u></b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). DETACHABLE BATTERY PACKS THAT REST ON THE GROUND ARE ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>
"MODEL 212-3DSL" SOLAR ASSIST DETACHABLE WARNING LIGHT	TYPE "B" FLASHING HIGH INTENSITY WARNING LIGHT. LED LIGHT SOURCE POWERED BY 4 D-CELL BATTERIES AND SUPPLEMENTAL SOLAR PANEL WITH A DETACHABLE BATTERY COMPARTMENT.	EMPCO-LITE	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b><u>RESTRICTIONS</u></b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). DETACHABLE BATTERY PACKS THAT REST ON THE GROUND ARE ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>

(Supplemental Devices &amp; Miscellaneous Hardware Continued)

**WARNING LIGHTS (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MODEL 212-3LW" WARNING LIGHT	TYPE "B" FLASHING HIGH INTENSITY WARNING LIGHT. LED LIGHT SOURCE POWERED BY 4 D-CELL BATTERIES.	EMPCO-LITE	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b><u>RESTRICTIONS</u></b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). DETACHABLE BATTERY PACKS THAT REST ON THE GROUND ARE ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>
"MODEL 212-3S" WARNING LIGHT	TYPE "B" FLASHING HIGH INTENSITY WARNING LIGHT. LED LIGHT SOURCE POWERED BY FOUR (4) 1.5 VOLT NONRECHARGEABLE ALKALINE BATTERIES.	EMPCO-LITE	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b><u>RESTRICTIONS</u></b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). DETACHABLE BATTERY PACKS THAT REST ON THE GROUND ARE ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>

(Supplemental Devices &amp; Miscellaneous Hardware Continued)

**WARNING LIGHTS (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MODEL 212-6 TYPE B" WARNING LIGHT	TYPE "B" FLASHING HIGH INTENSITY WARNING LIGHT. LED LIGHT SOURCE POWERED BY 1 (ONE) 6-VOLT BATTERY.	EMPCO-LITE	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b>MODEL 212-6 SPECIFIC WEIGHT RESTRICTIONS:</b>  <u>THE "MODEL 212-6 TYPE B" WARNING LIGHT, AT AN OPERATING WEIGHT OF 3.05 LBS, COMPLIES WITH THE 3.3 LBS. (1.5 KG) WEIGHT RESTRICTION WHEN POWERED BY ONLY 1 (ONE) 6-VOLT BATTERY.</u></p> <p><b>GENERAL WEIGHT RESTRICTIONS</b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN.  (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG).</p>

(Supplemental Devices &amp; Miscellaneous Hardware Continued)

**WARNING LIGHTS (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MODEL 212-6 TYPE B DH" WARNING LIGHT	TYPE "B" FLASHING HIGH INTENSITY WARNING LIGHT. LED LIGHT SOURCE POWERED BY 1 (ONE) OR 2 (TWO) 6-VOLT BATTERIES WITH A DETACHEABLE HEAD.	EMPCO-LITE	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b>MODEL 212-6 DH SPECIFIC WEIGHT RESTRICTIONS:</b>  <b>THE "MODEL 212-6 TYPE B DH" WARNING LIGHT COMPLIES WITH THE 3.3 LBS. (1.5 KG) WEIGHT RESTRICTION <u>ONLY</u> WHEN THE LENS AND CIRCUIT ASSEMBLY IS DETACHED FROM THE BATTERY CASE TO ALLOW THE BATTERY CASE TO BE PLACED ON THE GROUND / PAVEMENT SURFACE. THE OPERATING WEIGHT OF THE LENS AND CIRCUIT ASSEMBLY <u>ONLY</u> IS 1.55 LBS.</b></p> <p><b>RESTRICTIONS</b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN.  (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING POWER SOURCE. ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). A DETACHABLE BASE THAT RESTS ON THE GROUND IS ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>

## (Supplemental Devices &amp; Miscellaneous Hardware Continued)

## WARNING LIGHTS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MODEL 499L3" WARNING LIGHT	TYPE "A" FLASHING OR TYPE "C" STEADY BURNING LOW INTENSITY WARNING LIGHT. LED LIGHT SOURCE POWERED BY ONE 3 VOLT AIR ALKALINE BATTERY.	EMPCO-LITE	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b>RESTRICTIONS</b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). DETACHABLE BATTERY PACKS THAT REST ON THE GROUND ARE ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>
"MODEL 2006 TYPE A" WARNING LIGHT	TYPE "A" FLASHING WARNING LIGHT. LED LIGHT SOURCE POWERED BY 4 D-CELL BATTERIES.	EMPCO-LITE	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b>RESTRICTIONS</b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). DETACHABLE BATTERY PACKS THAT REST ON THE GROUND ARE ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>

## (Supplemental Devices &amp; Miscellaneous Hardware Continued)

## WARNING LIGHTS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MODEL 2006 TYPE C" WARNING LIGHT	TYPE "C" STEADY BURN WARNING LIGHT. LED LIGHT SOURCE POWERED BY 4 D-CELL BATTERIES.	EMPCO-LITE	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b><u>RESTRICTIONS</u></b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). DETACHABLE BATTERY PACKS THAT REST ON THE GROUND ARE ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>
"SOLAR MASTERS DUAL FUNCTION HAZARD LIGHT"	TYPE "A" FLASHING OR TYPE "C" STEADY BURNING LOW INTENSITY WARNING LIGHT. LED LIGHT SOURCE POWERED BY 0.4 WATT SOLAR PANEL.	SOLAR MASTERS	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b><u>RESTRICTIONS</u></b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING POWER SOURCE. ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). A DETACHABLE BASE THAT RESTS ON THE GROUND IS ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>

(Supplemental Devices &amp; Miscellaneous Hardware Continued)

**WARNING LIGHTS (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
+ "SOLAR MASTERS TYPE B HAZARD LIGHT"	TYPE "B" FLASHING HIGH INTENSITY WARNING LIGHT. LED LIGHT SOURCE POWERED BY 1.6 WATT SOLAR PANEL.	SOLAR MASTERS	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b>RESTRICTIONS</b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING POWER SOURCE. ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). A DETACHABLE BASE THAT RESTS ON THE GROUND IS ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>
"MODEL PF4P" LED PROTECT-O-FLASH WARNING LIGHT	TYPE "A" FLASHING OR TYPE "C" STEADY BURNING LOW INTENSITY WARNING LIGHT. LED LIGHT SOURCE POWERED BY A SINGLE 6-VOLT BATTERY.	WORK AREA PROTECTION CORPORATION	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b>RESTRICTIONS</b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). DETACHABLE BATTERY PACKS THAT REST ON THE GROUND ARE ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>

## (Supplemental Devices &amp; Miscellaneous Hardware Continued)

## WARNING LIGHTS (Continued)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"MODEL 200" LED PROTECT-O-FLASH" WARNING LIGHT	TYPE "B" FLASHING HIGH INTENSITY WARNING LIGHT. LED LIGHT SOURCE POWERED BY TWO 6-VOLT BATTERIES. DETACHABLE HEAD TO ACCOMMODATE WEIGHT RESTRICTIONS.	WORK AREA PROTECTION CORPORATION	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b>RESTRICTIONS</b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). DETACHABLE BATTERY PACKS THAT REST ON THE GROUND ARE ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>
CONTRACTOR+ LIGHTS BARRICADE	<p>MODEL BC3.AC.D3.YA - TYPE "A" OR "C" LED LIGHT SOURCE POWERED BY 3-VOLT BATTERY. WEIGHS 1.4LBS.</p> <p>MODEL BC6.AC.D3.YA - TYPE "A" OR "C" LED LIGHT SOURCE POWERED BY 6-VOLT BATTERY. WEIGHS 1.5LBS.</p> <p>MODEL BR3.B.D3.YA - TYPE "B" LED LIGHT SOURCE POWERED BY 3-VOLT BATTERY. WEIGHS 1.5LBS.</p> <p>MODEL BR6.B.D3.YA - TYPE "B" LED LIGHT SOURCE POWERED BY 6-VOLT BATTERY. WEIGHS 1.5LBS.</p> <p>MODEL BR3.D.D3.YA - TYPE "D" LED LIGHT SOURCE POWERED BY 6-VOLT BATTERY. WEIGHS 1.1LBS.</p>	PI-LIT	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b>RESTRICTIONS</b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN. (2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). DETACHABLE BATTERY PACKS THAT REST ON THE GROUND ARE ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>

(Supplemental Devices &amp; Miscellaneous Hardware Continued)

**WARNING LIGHTS (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
SOLAR BARRICADE WARNING LAMPS	<p>MODELS BS.AC.D1.YA, BS.AC.D2.YA, BS.AC1.D1.YA AND BS.AC1.D2.YA - TYPE "A" OR "C" LED LIGHT SOURCE. WEIGHS 1.5LBS.</p> <p>MODELS BS.B.D1.YA AND BS.B.D2.YA - TYPE "B" LED LIGHT SOURCE. WEIGHS 3LBS.</p> <p>MODEL BS.B.D3. YA - TYPE "B" LED LIGHT SOURCE. WEIGHS 1.5LBS.</p> <p>MODELS BS.D.D1.YA AND BS.D.D2.YA - TYPE "D" LED LIGHT SOURCE WEIGHS 1.25LBS.</p>	PI-LIT	ALL	<p>APPROVED FHWA, (15-SEP-00), (WZ-54)</p> <p><b><i>RESTRICTIONS</i></b> -- (1) LIGHTS MAY ONLY SUPPLEMENT TYPES II AND III BARRICADES AND GROUND MOUNTED SIGNS AS DIRECTED BY THE TRAFFIC CONTROL PLAN.</p> <p>(2) WEIGHT OF LIGHT MAY NOT EXCEED 3.3 LBS. (1.5 KG) (INCLUDING BATTERIES IF LENS IS MOUNTED ON TOP OF THE BATTERY CASE). ANY PORTION OF THE LIGHT ATTACHED TO A BARRICADE OR SIGN MAY NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS (1.5 KG). DETACHABLE BATTERY PACKS THAT REST ON THE GROUND ARE ACCEPTABLE PROVIDED THE LENS PORTION ATTACHED TO THE BARRICADE OR SIGN DOES NOT EXCEED THE MAXIMUM WEIGHT OF 3.3 LBS. (1.5 KG).</p>

(Supplemental Devices & Miscellaneous Hardware Continued)  
ACCESS HARDWARE FOR LONGITUDINAL BARRIERS (Concrete)

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"SAFEGUARD" LINK SYSTEM	A 28' LONG SECTION OF LONGITUDINAL BARRIER CONSTRUCTED OF 8 GAUGE A36 GALVANIZED STEEL PANELS ATTACHED TO TEMPORARY CONCRETE BARRIER TO FUNCTION AS A REMOVABLE GATE.	BARRIER SYSTEMS, INC.	ALL	<p>APPROVED FHWA, (04-NOV-02), (B-108)</p> <p><b>RESTRICTIONS</b> – (1) THE "SAFEGUARD" LINK SYSTEM MAY ONLY BE USED AS A REMOVABLE GATE FOR AN ACCESS POINT IN A LINE OF APPROVED TEMPORARY CONCRETE BARRIER WALL. THIS SYSTEM MAY NOT BE USED AS A STAND ALONE BARRIER OR AS A TRANSITION LINK BETWEEN DIFFERENT BARRIER DESIGNS.</p> <p>(2) NO LESS THAN FOUR SEGMENTS OF APPROVED TEMPORARY CONCRETE BARRIER WALL SHALL ALWAYS BE IN PLACE BETWEEN THE "SAFEGUARD" LINK SYSTEM AND THE BEGINNING POINT OF THE LENGTH OF NEED.</p> <p>(3) THE CONCRETE SEGMENTS OF TEMPORARY CONCRETE BARRIER ADJACENT TO EACH END OF THE "SAFEGUARD" LINK SYSTEM SHALL HAVE A MINIMUM LENGTH OF 20'.</p>
ArmorGuard™ Barrier	A 28' LONG SECTION OF LONGITUDINAL BARRIER ATTACHED TO TEMPORARY CONCRETE BARRIER TO FUNCTION AS A REMOVABLE GATE.	LINDSAY TRANSPORTATION SOLUTIONS	ALL	<p>APPROVED FHWA, (25-MAR-08), (B-173)</p> <p>RESTRICTIONS – (1) THE ArmorGuard™ Barrier SYSTEM MAY ONLY BE USED AS A REMOVABLE GATE FOR AN ACCESS POINT IN A LINE OF APPROVED TEMPORARY CONCRETE BARRIER WALL. THIS SYSTEM MAY NOT BE USED AS A STAND ALONE BARRIER OR AS A TRANSITION LINK BETWEEN DIFFERENT BARRIER DESIGNS.</p> <p>(2) NO LESS THAN FOUR SEGMENTS OF APPROVED TEMPORARY CONCRETE BARRIER WALL SHALL ALWAYS BE IN PLACE BETWEEN THE "SAFEGUARD" LINK SYSTEM AND THE BEGINNING POINT OF THE LENGTH OF NEED.</p> <p>(3) THE CONCRETE SEGMENTS OF TEMPORARY CONCRETE BARRIER ADJACENT TO EACH END OF THE ArmorGuard™ Barrier SYSTEM SHALL HAVE A MINIMUM LENGTH OF 20'.</p>

(Supplemental Devices &amp; Miscellaneous Hardware Continued)

**SUPPLEMENTAL HARDWARE FOR LONGITUDINAL BARRIERS (Concrete)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"EASY VIEW REFLECTOR" TEMPORARY CONCRETE BARRIER WALL DELINEATOR	PLASTIC RECTANGULAR SHAPED PADDLE WITH A MINIMUM DIMENSION OF 8" X 12" REFLECTORIZED WITH YELLOW OR WHITE TYPE IX SHEETING ATTACHED TO TEMPORARY CONCRETE BARRIER WALLS WITH MECHANICAL FASTENERS PER SCDOT REQUIREMENTS AS A LARGE DELINEATOR.	HIGHWAY SAFETY SPECIALISTS	CONTRACT	APPROVED SCDOT, (07-NOV-05)
"FLEX-O-MATIC TEMPORARY CONCRETE BARRIER WALL DELINEATOR #300-1(C)" FLEXIBLE	RECTANGULAR SHAPED PVC PADDLE WITH A MINIMUM DIMENSION OF 3.25" X 4.5" WITH YELLOW OR WHITE TYPE IX SHEETING ATTACHED TO TEMPORARY CONCRETE BARRIER WALLS WITH MECHANICAL FASTENERS PER SCDOT REQUIREMENTS AS A SIDE MOUNT DELINEATOR.	HIGHWAY SAFETY SPECIALIST	ALL	APPROVED SCDOT, (01-FEB-18)
"L-FRAME #260-2" TEMPORARY CONCRETE BARRIER WALL FLEXIBLE DELINEATOR	RECTANGULAR SHAPED PVC PADDLE WITH 13.5 SQUARE FEET OF YELLOW OR WHITE TYPE IX SHEETING ATTACHED TO TEMPORARY CONCRETE BARRIER WALLS WITH MECHANICAL FASTENERS PER SCDOT REQUIREMENTS AS A SIDE MOUNT DELINEATOR.	HIGHWAY SAFETY SPECIALIST	ALL	APPROVED SCDOT, (01-FEB-18)
"PCBM-51" TEMPORARY CONCRETE BARRIER WALL DELINEATOR	HIGH IMPACT THERMOPLASTIC RECTANGULAR SHAPED PADDLE, 0.080" THICK, WITH A MINIMUM DIMENSION OF 3.5" X 17" REFLECTORIZED WITH YELLOW OR WHITE TYPE IX SHEETING ATTACHED TO TEMPORARY CONCRETE BARRIER WALLS WITH MECHANICAL FASTENERS PER SCDOT REQUIREMENTS AS A SIDE MOUNT DELINEATOR.	PEXCO TACOMA	ALL	APPROVED SCDOT, (10-MAY-07)

(Supplemental Devices &amp; Miscellaneous Hardware Continued)

**SUPPLEMENTAL HARDWARE FOR LONGITUDINAL BARRIERS (Concrete)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"BAM" TEMPORARY CONCRETE BARRIER WALL DELINEATOR	PLASTIC RECTANGULAR SHAPED FLEXIBLE DELINEATOR WITH A HINGE DESIGN REFLECTORIZED WITH AN ACRYLIC REFLECTIVE LENS IN EITHER YELLOW OR WHITE TO PROVIDE 8.9 SQUARE INCHES OF REFLECTIVE AREA ATTACHED TO TEMPORARY CONCRETE BARRIER WALLS WITH MECHANICAL FASTENERS PER SCDOT REQUIREMENTS AS A SMALL DELINEATOR.	PLASTIC SYSTEMS	SAFETY ALL	APPROVED SCDOT, (05-SEP-21)
"QUICK MARK" TEMPORARY DELINEATOR	PLASTIC RECTANGULAR SHAPED PADDLE WITH A MINIMUM DIMENSION OF 6" X 12" REFLECTORIZED WITH YELLOW OR WHITE TYPE IX SHEETING ATTACHED TO TEMPORARY CONCRETE BARRIER WALLS WITH MECHANICAL FASTENERS PER SCDOT REQUIREMENTS AS A LARGE DELINEATOR.	PLASTIC SYSTEMS	SAFETY ALL	APPROVED SCDOT, (02-MAR-25)
"LITTLE DOG" PORTABLE CONCRETE BARRIER MARKERS	HIGH IMPACT THERMOPLASTIC RECTANGULAR SHAPED PADDLE, 0.090" THICK, WITH A MINIMUM DIMENSION OF 6" X 12" REFLECTORIZED WITH YELLOW OR WHITE TYPE IX SHEETING ATTACHED TO TEMPORARY CONCRETE BARRIER WALLS WITH MECHANICAL FASTENERS PER SCDOT REQUIREMENTS AS A LARGE DELINEATOR.	PEXCO LLC	ALL	APPROVED SCDOT, (04-APR-06)

(Supplemental Devices &amp; Miscellaneous Hardware Continued)

**BREAKAWAY HARDWARE FOR TYPE III BARRICADES**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
HINGE PLATE BRACKET	<p>A SPLICE PLATE BRACKET CONSISTING OF ONE OR TWO HINGE PLATES BOLTED OR WELDED TO A HORIZONTAL SKID.</p> <p>THE HINGE PLATE BRACKET MAY BE USED WITH ANY OF THE PLYWOOD OR PLASTIC PANEL BARRICADE FABRICATED BY KORMAN SIGNS, INC. INCLUDED ON THIS APPROVED PRODUCTS LIST</p>	KORMAN SIGNS, INC.	ALL	<p>APPROVED FHWA, (29-JAN-04), (WZ-100 AMENDMENT #4)</p> <p><b><i>RESTRICTIONS</i></b> -- <b><i>SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE. ATTACHING A RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</i></b></p>
STUB TEE BRACKET	<p>TWO SHORT SECTIONS OF PERFORATED SQUARE STEEL TUBE WELDED TOGETHER TO FORM A "TEE" TO BE BOLTED TO A SKID.</p> <p>THE STUB TEE BRACKET MAY BE USED WITH ANY OF THE PLYWOOD OR PLASTIC PANEL BARRICADE FABRICATED BY KORMAN SIGNS, INC. INCLUDED ON THIS APPROVED PRODUCTS LIST</p>	KORMAN SIGNS, INC.	ALL	<p>APPROVED FHWA, (29-JAN-04), (WZ-100 AMENDMENT #4)</p> <p><b><i>RESTRICTIONS</i></b> -- <b><i>SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE. ATTACHING A RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</i></b></p>

(Supplemental Devices &amp; Miscellaneous Hardware Continued)

**BREAKAWAY HARDWARE FOR TYPE III BARRICADES (Continued)**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
TBB3-C BARRICADE BRACKET	<p>TWO SPECIFICALLY DESIGNED STEEL COLLAPSABLE BARRICADE PLATES ATTACHED BY TWO 3/8"-16 X 3" GRADE 8 FLANGE BOLTS &amp; SERRATED FLANGE NUTS TO FORM THE ATTACHMENT BETWEEN A GALVANIZED PERFORATED SQUARE STEEL TUBING BASE AND A GALVANIZED PERFORATED SQUARE STEEL TUBING UPRIGHT.</p> <p>THE STEEL COLLAPSABLE BARRICADE PLATES MAY BE USED WITH A 6' BARRICADE WITH 1" X 8" X 72" PLYWOOD PANELS OR 1" X 8" X 72" PLASTIC PANELS</p>	XCESSORIES SQUARED DEVELOPMENT & MANUFACTURING INC.	ALL	<p>APPROVED FHWA, (08-SEP-00), (WZ-51)</p> <p><b><i>RESTRICTIONS</i></b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE. ATTACHING A RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>
TL132-C	<p>TWO SPECIFICALLY DESIGNED STEEL SHEAR PIN BARRICADE PLATES ATTACHED BY TWO 3/8"-16 X 3" GRADE 8 FLANGE BOLTS &amp; SERRATED FLANGE NUTS AND TWO 1/4"-20 X 3" GRADE 2 HEX HEAD CAP SCREWS &amp; HEX NUTS TO FORM THE ATTACHMENT BETWEEN A GALVANIZED PERFORATED SQUARE STEEL TUBING BASE AND A GALVANIZED PERFORATED SQUARE STEEL TUBING UPRIGHT.</p> <p>THE STEEL SHEAR PIN BARRICADE PLATES MAY BE USED WITH A 6' BARRICADE WITH 1" X 8" X 72" PLYWOOD PANELS OR 1" X 8" X 72" PLASTIC PANELS</p>	XCESSORIES SQUARED DEVELOPMENT & MANUFACTURING INC.	ALL	<p>APPROVED FHWA, (08-SEP-00), (WZ-51)</p> <p><b><i>RESTRICTIONS</i></b> -- SUPPLEMENTARY SIGNS ATTACHED TO TYPE III BARRICADES SHALL BE CONSTRUCTED WITH AN APPROVED REFLECTIVE FABRIC SIGN SUBSTRATE. ATTACHING A RIGID SIGN SUBSTRATE TO A TYPE III BARRICADE IS PROHIBITED.</p>

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(Supplemental Devices & Miscellaneous Hardware Continued)

**SUPPLEMENTAL HARDWARE FOR SIGN POSTS**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
ASB125 ADJUST-A-SIGN SIGN MOUNTING BRACE AND BRACKET SYSTEM	A 1.25" WIDE ALUIMINUM BRACE AND BRACKET SYSTEM THAT FUNCTIONS AS AN INTERMEDIARY ATTACHMENT BETWEEN THE SIGN PANEL AND THE SIGN POST THAT FACILITATES ATTACHMENT AN HEIGHT ADJUSTMENTS.	XCESSORIES SQUARED DEVELOPMENT & MANUFACTURING INC.	ALL	APPROVED SCUDOT, (11-JUNE-12)
ASB150 ADJUST-A-SIGN SIGN MOUNTING BRACE AND BRACKET SYSTEM	A 1.50" WIDE ALUIMINUM BRACE AND BRACKET SYSTEM THAT FUNCTIONS AS AN INTERMEDIARY ATTACHMENT BETWEEN THE SIGN PANEL AND THE SIGN POST THAT FACILITATES ATTACHMENT AN HEIGHT ADJUSTMENTS.	XCESSORIES SQUARED DEVELOPMENT & MANUFACTURING INC.	ALL	APPROVED SCUDOT, (11-JUNE-12)
ASB200 ADJUST-A-SIGN SIGN MOUNTING BRACE AND BRACKET SYSTEM	A 2.00" WIDE ALUIMINUM BRACE AND BRACKET SYSTEM THAT FUNCTIONS AS AN INTERMEDIARY ATTACHMENT BETWEEN THE SIGN PANEL AND THE SIGN POST THAT FACILITATES ATTACHMENT AN HEIGHT ADJUSTMENTS.	XCESSORIES SQUARED DEVELOPMENT & MANUFACTURING INC.	ALL	APPROVED SCUDOT, (11-JUNE-12)

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(Supplemental Devices & Miscellaneous Hardware Continued)

**RETROREFLECTIVE SIGN POST PANELS**

DEVICE	DESCRIPTION	MANUFACTURER	CONSUMER	REMARKS
"REFLECTIVE SIGN COVER SUPPORT" (RSSC)	RECYCLED PLASTIC PANEL, 3.5" WIDE WITH RETROREFLECTIVE SHEETING	CARSONITE COMPOSITES	ALL	APPROVED 04-NOV-03.
BRITESIDE MODEL BSX SERIES	EXTRUSION WITH RETROREFLECTIVE SHEETING THAT MOUNTS INSIDE U-CHANNEL POSTS	LORDON, INC.	ALL	APPROVED 02-APR-02.
FIBERCON REFLECTIVE SIGN POST COVER	WHITE REINFORCED FIBERGLASS PANEL, 3.9" WIDE, WITH RETROREFLECTIVE SHEETING	DISTRIBUTED BY MATLACK SALES AND MARKETING, INC.	ALL	APPROVED 26-JAN-05.
SIGN POSTS PANELS	3" WIDE THERMOPLASTIC ALLOY PANEL WITH RETROREFLECTIVE SHEETING	FILTRONA EXTRUSION, INC.	ALL	APPROVED 04-AUG-09
ALPOLIC 350 REFLECTIVE DELINEATOR	ALUMINUM COMPOSITE PANEL. TWO ALUMINUM SHEETS ON BOTH SIDES OF A THERMOPLASTIC CORE WITH RETROREFLECTIVE SHEETING	KORMAN SIGNS, INC.	ALL	APPROVED 09-JUL-07.

**DESIGNERS, MANUFACTURERS, AND  
DISTRIBUTORS OF  
APPROVED PRODUCTS**

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(Manufacturer & Distributor) BARRIER SYSTEMS, INC. 180 RIVER ROAD RIO VISTA, CALIFORNIA 94571-1208 (707) 374-6800 FAX: (707) 374-6801	(Manufacturer & Distributor) B. C. CANNON COMPANY, INC. 2501 RUTHERFORD ROAD GREENVILLE, SOUTH CAROLINA 29608 (864) 235-7979 FAX: (864) 235-7676  Web site: <a href="http://www.bccannon.com">www.bccannon.com</a>	(Designer, Manufacturer, & Distributor) BENT MANUFACTURING COMPANY 17311 NICHOLS STREET HUNTINGTON BEACH, CALIFORNIA 92647-5721 (714) 842-0600 FAX: (714) 842-2959 Web site: <a href="http://www.bentmfg.com">www.bentmfg.com</a>	(Designer, Manufacturer, & Distributor) BONE SAFETY SIGNS 1761 McCOBA DRIVE, SUITE A SMYRNA, GEORGIA 30080 (800) 873-2399 (770) 333-1639 Web site: <a href="http://www.bonesafety.com">www.bonesafety.com</a>
(Designer, Manufacturer, & Distributor) CARSONITE INTERNATIONAL 605 BOB GIFFORD BOULEVARD EARLY BRANCH, SOUTH CAROLINA 29916-0098 (800) 648-7974 FAX: (803) 943-3375	(Designer, Manufacturer, & Distributor) CHICAGO HEIGHTS STEEL 211 EAST MAIN P. O. BOX 129 CHICAGO HEIGHTS, ILLINOIS 60411 (708) 756-5662 FAX: (708) 756-5628 (800) 424-4487	(Manufacturer & Distributor) CORTINA SAFETY PRODUCTS GROUP 10706 WEST GRAND AVENUE FRANKLIN PARK, ILLINOIS 60131 (847) 455-2800 FAX: (847) 451-7247 Web site: <a href="http://www.cortinaco.com">www.cortinaco.com</a>	(Manufacturer & Distributor) CURTIN P. O. BOX 241717 CHARLOTTE, NORTH CAROLINA 28224 (704) 588-7055
(Designer, Manufacturer, & Distributor) DAVIDSON PLASTICS CORPORATION 3110 70 <sup>TH</sup> AVENUE EAST TACOMA, WASHINGTON 98424 (425) 251-8140 FAX: (425) 251-8303 Web site: <a href="http://www.davidsonplastics.net">www.davidsonplastics.net</a>	(Designer, Manufacturer, & Distributor) DESIGNOVATIONS, INC. 339 WILDWOOD ROAD STILLMAN VALLEY, ILLINOIS 61084 (888) 868-6588 FAX: (815) 645-2389 Web site: <a href="http://www.designovations.com">www.designovations.com</a>	(Designer, Manufacturer, & Distributor) DICKE SAFETY PRODUCTS 1201 WARREN AVENUE P. O. BOX 518 DOWNERS GROVE, ILLINOIS 60515 (708) 969-0050 FAX: (708) 969-3973 Web site: <a href="http://www.dicketool.com">www.dicketool.com</a>	(Manufacturer & Distributor) DIMENSIONAL PRODUCTS, INC. P. O. BOX 27177 BALTIMORE, MARYLAND 21230 (410) 646-0040 FAX: (410) 644-8594
(Designer, Manufacturer, & Distributor) EASTERN METAL / USA SIGN 1430 SULLIVAN STREET ELMIRA, NEW YORK 14907-1698 (800) 872-7446 FAX: (607) 734-8783 Web site: <a href="http://www.usa-sign.com">www.usa-sign.com</a>	(Distributor) EMPCO-LITE PATRICO, INC. DICK A. PATRICK P. O. BOX 27177 BALTIMORE, MARYLAND 21230 (410) 244-0771 FAX: (410) 347-9846 Web site: <a href="http://www.empco-lite.com">www.empco-lite.com</a>	ENERGY ABSORPTION SYSTEMS, INC. 35 EAST WACKER DRIVE SUITE 1100 CHICAGO, ILLINOIS 60601 (888) 323-6374 FAX: (800) 770-6755 Web site: <a href="http://www.energyabsorption.com">www.energyabsorption.com</a>  <b>(NOW REFERENCED AS VALTIR, LLC – 7/22/22)</b>	(Designer, Manufacturer, & Distributor) FLEXSTAKE, INC. 2150 ANDREA LANE FORT MYERS, FLORIDA 33912 (941) 481-3539 FAX: (941) 482-3539 (800) 348-9839 Web site: <a href="http://www.flexstake.com">www.flexstake.com</a>

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(Manufacturer, & Distributor) HIGHWAY CARE USA 7068 FIRE OPAL DRIVE LAS VEGAS, NEVADA 89131 (702) 341-7374 FAX: (702) 242-4733  Web site: <a href="http://www.highwaycareusa.com">www.highwaycareusa.com</a>	(Designer, Manufacturer, & Distributor) HIGHWAY SAFETY SPECIALISTS 2826 SOUTH CALHOUN STREET FORT WAYNE, INDIANA 46807 (866) 603-6290 FAX: (260) 444-0006	(Designer, Manufacturer, & Distributor) HILL & SMITH 1000 BUCKEYE PARK ROAD COLUMBUS, OHIO 43207 (614) 340-6294 FAX: (614) 340-6296  Web Site: <a href="http://www.hillandsmith.com">www.hillandsmith.com</a>	(Designer, Manufacturer, & Distributor) IMPACT RECOVERY SYSTEMS, INC. 6299 WILLOWGATE DALLAS, TEXAS 75230 (214) 673-1563 FAX: (972) 490-8042
(Designer, Manufacturer, & Distributor) JBC SAFETY PLASTIC INC. ST. LOUIS, MISSOURI 63122 (866) 966-2663 FAX: (314) 733-0821  Web Site: <a href="http://www.jbcsafety.com">www.jbcsafety.com</a>	(Designer, Manufacturer, & Distributor) KIMBERLY-CLARK PROFESSIONAL 5801 SAFETY DRIVE NE BENTON, MICHIGAN 49306 (800) 241-3146 FAX: (800) 654-8270 Web site: <a href="http://www.kcprofessional.com/us/">www.kcprofessional.com/us/</a>	(Designer, Manufacturer, & Distributor) KORMAN SIGNS, INC. 3029 LINCOLN AVENUE RICHMOND, VIRGINIA 23228 (804) 262-6050 FAX: (804) 261-1040 Web site: <a href="http://www.kormansigns.com">www.kormansigns.com</a>	(Manufacturer & Distributor) LAKESIDE PLASTICS, INC. 450 W. 33 <sup>RD</sup> AVENUE P.O. BOX 2384 OSHKOSH, WISCONSIN 54903-2384 (920) 235-3620 Web site: <a href="http://www.lakesideplastics.com">www.lakesideplastics.com</a>
(Designer, Manufacturer, & Distributor) MARION STEEL 912 CHENEY AVENUE MARION, OHIO 43302 (740) 383-4011 Web site: <a href="http://www.marionsteel.com">www.marionsteel.com</a>	(Designer, Manufacturer, & Distributor) MARKETING DISPLAYS INTERNATIONAL TRAFFIC CONTROL PRODUCTS 38271 TWELVE MILE ROAD FARMINGTON HILLS, MICHIGAN 48331-6776 (248) 553-1900 FAX: (248) 488-5700 Web site: <a href="http://www.mdiworldwide.com">www.mdiworldwide.com</a>	(Manufacturer & Distributor) METROMONT MATERIALS, LLC P.O. BOX 1292 SPARTANBURG, SC 29304 (864) 415-1397	(Distributor) MIDDLE GEORGIA SIGNS, INC. 246 NORTH SECOND STREET COCHRAN, GA 31014 (478) 934-1094 FAX: (478) 934-0888  Web site: <a href="http://www.middlegeorgiasigns.com">www.middlegeorgiasigns.com</a>
(Manufacturer, & Distributor) ORANGEGEAR 3115 W TAMBAY AVENUE TAMPA, FLORIDA 33611  Web site: <a href="http://www.orangegear.com">www.orangegear.com</a>	(Designer, Manufacturer, & Distributor) PEXCO TACOMA 3110 70TH AVENUE EAST TACOMA, WASHINGTON 98424 (253) 284-8001 FAX: (253) 284-8094  Web site: <a href="http://www.pexco.com">www.pexco.com</a>	(Designer, Manufacturer, & Distributor) PI-LIT 3002 DOW AVENUE SUITE #138 TUSTIN, CA 92780 Web site: <a href="http://www.pi-lit.com">www.pi-lit.com</a>	(Designer, Manufacturer, & Distributor) PLASTICADE PRODUCTS 7700 AUSTIN AVENUE SKOKIE, ILLINOIS 60077 (847) 470-0400 FAX: (847) 470-0420 (800) 772-0355 Web site: <a href="http://www.plasticade.com">www.plasticade.com</a>

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(Designer, Manufacturer, & Distributor) SAS SAFETY CORPORATION 3031 GARDENIA AVENUE LONG BEACH, CALIFORNIA 90807 (800) 262-0200 FAX: (800) 244-1938  Web site: <a href="http://www.sassafety.com">www.sassafety.com</a>	(Designer & Manufacturer) SCI PRODUCTS INC. 635 LUCKNOW ROAD HARRISBURG, PENNSYLVANIA 17110-1635 (717) 234-3106 FAX: (717) 234-8518  <b>(NOW REFERENCED AS WORK AREA PROTECTION CORPORATION – 2/29/16)</b>	(Manufacturer & Distributor) SEMINOLE PRECAST MANUFACTURING, INC. P.O. BOX 3177 MACON, GEORGIA 31205 (478) 781-2090	(Distributor) SIGNS AND SAFETY EQUIPMENT, INC. 95 HIBBARD ROAD P. O. BOX 102 BIG FLATS, NEW YORK 14814 (607) 562-8463 FAX: (607) 562-8183
(Manufacturer & Distributor) SMA ROAD SAFETY 81025 MARCIANISE (CE) - ITALY TEL:+39 0823 821560 Web site: <a href="http://www.smaroadsafety.com">www.smaroadsafety.com</a>	(Designer, Manufacturer, & Distributor) SOLAR MASTERS 500 HARRINGTON STREET UNIT C-1 CORONA, CALIFORNIA 92880 (877) 917-6527 FAX: (951)-582-0774 Web site: <a href="http://www.solar-masters.com">www.solar-masters.com</a>	(Designer, Manufacturer, & Distributor) S-SQUARE TUBE PRODUCTS P. O. BOX 306 COMMERCE CITY, COLORADO 80037 (303) 286-7051 FAX: (866)-639-5717 Web site: <a href="http://www.s-squaretube.com">www.s-squaretube.com</a>	(Manufacturer & Distributor) STAY ALERT SAFETY SERVICES, INC. P. O. BOX 467 KERNERSVILLE, NORTH CAROLINA 27284 (336) 993-2828 FAX: (336) 993-6929
(Designer, Manufacturer, & Distributor) TEG SAFETY 1081 OHIO DRIVE PLANO, TX 75093 (800) 708-1568 Web site: <a href="http://www.TEGsafety.com">www.TEGsafety.com</a>	(Designer, Manufacturer, & Distributor) TELEMATICS SERVICES LLC 620 OLD LIVERPOOL ROAD LIVERPOOL, NEW YORK 13088 (315) 626-6800  Web site: <a href="http://www.iconeproducts.com">www.iconeproducts.com</a>	(Designer, Manufacturer, & Distributor) THREE D TRAFFIC WORKS, INC. 430 N. VARNEY STREET BURBANK, CALIFORNIA 91502 (877) 843-9757 FAX: (818) 841-5096  Web site: <a href="http://www.trafficwks.com">www.trafficwks.com</a>	(Designer, Manufacturer, & Distributor) TRAFFIC LOGIX, INC. 2783 WEST 5th STREET JACKSONVILLE, FLORIDA 32254 (800) 641-4143 FAX: (866) 995-6449 Web site: <a href="http://www.trafficlogix.com">www.trafficlogix.com</a>

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<p>(Designer, Manufacturer, &amp; Distributor) VALTIR, LLC 15601 DALLAS PARKWAY, SUITE 525 ADDISON, TX 75001 (888) 323-6374 Web site: <a href="http://www.valtir.com">www.valtir.com</a></p>	<p>(Manufacturer &amp; Distributor) VERDEGRO USA LLC 888 BISCAYNE BLVD., SUITE 505 MIAMI, FL 33132 (786) 408 5709 FAX: (786) 431 3097 Web site: <a href="http://www.verdegro.com">www.verdegro.com</a></p>	<p>(Designer, Manufacturer, &amp; Distributor) WORK AREA CORPORATION P. O. BOX 4087 ST. CHARLES, ILLINOIS 60174-9081 (630) 377-9100 FAX: (630) 377-9270 Web site: <a href="http://www.protectionservices.com">www.protectionservices.com</a></p>	<p>(Distributor) X-POSE SAFETY 509 TEMPLE HILL ROAD NEW WINDSOR, NY 12553 (800) 376-8415 Web site: <a href="http://www.xposesafety.com">www.xposesafety.com</a></p>
<p>(Designer, Manufacturer, &amp; Distributor) XCESSORIES SQUARED DEVELOPMENT &amp; MANUFACTURING INC. P. O. BOX 135 7350 W. ST. RT. 104 AUBURN, ILLINOIS 62615 (800) 621-7948 FAX: (217) 438-3917</p>			