

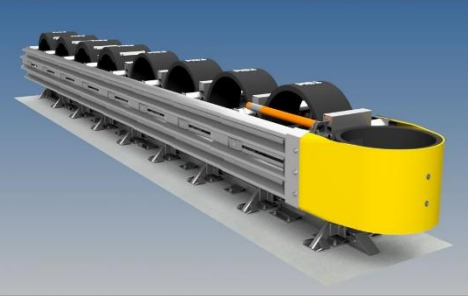



CATEGORIZED CRASH CUSHION ATTENUATORS ♦





LOW MAINTENANCE (Redirective, Non-Gating)

				
<p align="center">SMART CUSHION (N)</p>	<p align="center">SMART CUSHION (W)</p>		<p align="center">QGELITE (M10)(N)</p>	<p align="center">QGELITE (M10)(W)</p>
<p align="center">SCI 100 GM – (Narrow) by Work Area Protection Corp. www.workareaprotection.com</p>	<p align="center">SCI 100 GM – (Wide) by Work Area Protection Corp. www.workareaprotection.com</p>		<p align="center">Quadguard® Elite M10 Crash Cushion System (Narrow) by Valtir, LLC www.valtir.com</p>	<p align="center">Quadguard® Elite M10 Crash Cushion System (Wide) by Valtir, LLC www.valtir.com</p>
<ul style="list-style-type: none"> • Redirective, Non-Gating • Meets TL-2 and TL-3 • Permanent or Temporary Work Zone • Requires Paved Pad • Unidirectional / Bidirectional 	<ul style="list-style-type: none"> • Redirective, Non-Gating • Meets TL-2 and TL-3 • Permanent or Temporary Work Zone • Requires Paved Pad • Unidirectional / Bidirectional 		<ul style="list-style-type: none"> • Redirective, Non-Gating • Meets TL-3 • Permanent or Temporary Work Zone • Requires Paved Pad • Unidirectional / Bidirectional 	<ul style="list-style-type: none"> • Redirective, Non-Gating • Meets TL-3 • Permanent or Temporary Work Zone • Requires Paved Pad • Unidirectional / Bidirectional
<ul style="list-style-type: none"> • Shoulder Protection • Point Protection • Median Protection • Gore Two-Side Protection 	<ul style="list-style-type: none"> • Shoulder Protection • Point Protection • Median Protection • Gore Two-Side Protection 		<ul style="list-style-type: none"> • Shoulder Protection • Point Protection • Median Protection • Gore Two-Side Protection 	<ul style="list-style-type: none"> • Shoulder Protection • Point Protection • Median Protection • Gore Two-Side Protection
<p align="center">BACKUP WIDTH: 24" to 36"</p>	<p align="center">BACKUP WIDTH: 41" to 120"</p>		<p align="center">BACKUP WIDTH: 24"</p>	<p align="center">BACKUP WIDTH: 69"</p>
<p align="center">HEIGHT: 2'-9 3/8"</p>	<p align="center">HEIGHT: 2'-9 3/8"</p>		<p align="center">HEIGHT: 2'-8"</p>	<p align="center">HEIGHT: 2'-8"</p>
<p align="center">LENGTH: 13'-6" (TL-2) 21'-6" (TL-3)</p>	<p align="center">LENGTH: 20'-1" TO 41'-11" (TL-2) 28'-1" TO 49'-11" (TL-3) (See Manufacturer's Chart) Varies with Width of Back-up Needed</p>		<p align="center">LENGTH: 8 Bay – 27'-2" (TL-3)</p>	<p align="center">LENGTH: 8 Bay – 27'-1" (TL-3)</p>
<p align="center">Latest Statewide Standard: SMTC(N)-16 (MASH COMPLIANT)</p>	<p align="center">Latest Statewide Standard: SMTC(W)-16 (MASH COMPLIANT)</p>		<p align="center">Latest Statewide Standard: QGELITE (M10)(N)-20 (MASH COMPLIANT)</p>	<p align="center">Latest Statewide Standard: QGELITE(M10)(W)-20 (MASH COMPLIANT)</p>

♦ This table is provided for informational purposes only, refer to manufacturer's details for the most up to date information.
* Capacity (70mph)
NCHRP 350 OR MASH: TL 2 ≤ 45 mph; TL 3 ≥ 50 mph. If MASH compliant, designated "(MASH Compliant)".

CATEGORIZED CRASH CUSHION ATTENUATORS ♦

LOW MAINTENANCE (Redirective, Non-Gating (Cont'd))

																																																																																
<p>REACT (M) REACT (M) (Narrow) by Valtir, LLC www.valtir.com</p>	<p>REACT (W) Reusable Energy Absorbing Crash Terminal (Wide) by Valtir, LLC www.valtir.com</p>	<p>TAU-II-R (N) TAU-II-R™ (NARROW) by LTS-Barrier Systems, Inc. www.barriersystemsinc.com</p>	<p>TAU-II-R (W) TAU-II-R™ (WIDE) by LTS-Barrier Systems, Inc. www.barriersystemsinc.com</p>																																																																													
<ul style="list-style-type: none"> • Redirective, Non-Gating • Meets TL-3 • Permanent or Temporary Work Zone • Requires Concrete Paved Pad • Unidirectional / Bidirectional 	<ul style="list-style-type: none"> • Redirective, Non-Gating • Meets TL-2 and TL-3 • Permanent or Temporary Work Zone • Requires Paved Pad • Unidirectional / Bidirectional 	<ul style="list-style-type: none"> • Redirective, Non-Gating • Meets TL-2 and TL-3 • Permanent or Temporary Work Zone • Requires Asphalt or Concrete Paved Pad • Unidirectional / Bidirectional 	<ul style="list-style-type: none"> • Redirective, Non-Gating • Meets TL-2 and TL-3 • Permanent or Temporary Work Zone • Requires Asphalt or Concrete Paved Pad • Unidirectional / Bidirectional 																																																																													
<ul style="list-style-type: none"> • Shoulder Protection • Point Protection • Median Protection • Gore Two-Side Protection 	<ul style="list-style-type: none"> • Shoulder Protection • Point Protection • Median Protection • Gore Two-Side Protection 	<ul style="list-style-type: none"> • Shoulder Protection • Point Protection • Median Protection • Gore Two-Side Protection • 30" protects gores between 27" and 30" or narrower • 36" protects gores between 36" and 40" wide • PCB (Concrete Barrier) Backstop – PCTB and CSB • Flush Mount Backstop – SSCB, T66 and C412 • Compact (Stand Alone) Backstop – T1F, T1W, T101, T221, T223, T401, T402, T411, T551, T552, T6, T77, SSTR, T80HT, T80SS, C1W, C221, C223, C402, C411 	<ul style="list-style-type: none"> • Shoulder Protection • Point Protection • Median Protection • Gore Two-Side Protection • 42" protects gores between 42" – 47" W • 48" protects gores between 48" – 53" W • 54" protects gores between 54" – 59" W • 60" protects gores between 60" – 65" W • 66" protects gores between 66" – 71" W • 72" protects gores between 72" – 77" W • 78" protects gores between 78" – 83" W • 84" protects gores between 84" – 89" W • 90" protects gores between 90" – 95" W • 96" protects gores between 96" – 101" W • 102" protects gores between 102" – 107" W 																																																																													
<p>BACKUP WIDTH: 30"</p>	<p>BACKUP WIDTH: 60, 96" or 120"</p>	<p>BACKUP WIDTH: 30" or 36"</p>	<p>BACKUP WIDTH: 42" up to 102" in 6" increments</p>																																																																													
<p>HEIGHT: 4' – 4 ¾"</p>	<p>HEIGHT: 3'–2" TO 3'–10"</p>	<p>HEIGHT: 2'-8"</p>	<p>HEIGHT: 2'-8"</p>																																																																													
<p>LENGTH: <table border="1" data-bbox="254 1548 472 1578"> <tr> <td>TL-3</td> <td>22'-2 ¾"</td> </tr> </table></p>	TL-3	22'-2 ¾"	<p>LENGTH: W60 – 60" – 18'-10" – (TL-2) W60 – 60" – 30'-10" – (TL-3) W96 – 96" – 18'-10" – (TL-2) W96 – 96" – 34'-9" – (TL-3) W120 – 120" – 33'-10" – (TL-3)</p>	<p>LENGTH: <table border="1" data-bbox="1106 1548 1588 1649"> <thead> <tr> <th></th> <th>Compact</th> <th>Flush</th> <th>PCB</th> </tr> </thead> <tbody> <tr> <td>TL-2</td> <td>15'-3"</td> <td>14'-0"</td> <td>13'-7"</td> </tr> <tr> <td>TL-3</td> <td>29'-6"</td> <td>28'-3"</td> <td>27'-10"</td> </tr> <tr> <td>70</td> <td>32'-3"</td> <td>31'-0"</td> <td>30'-7"</td> </tr> </tbody> </table></p>		Compact	Flush	PCB	TL-2	15'-3"	14'-0"	13'-7"	TL-3	29'-6"	28'-3"	27'-10"	70	32'-3"	31'-0"	30'-7"	<p>LENGTH: <table border="1" data-bbox="1659 1528 2526 1628"> <thead> <tr> <th rowspan="2">Speed</th> <th colspan="10">System Width</th> </tr> <tr> <th>42"</th> <th>48"</th> <th>54"</th> <th>60"</th> <th>66"</th> <th>72"</th> <th>78"</th> <th>84"</th> <th>90"</th> <th>96"</th> <th>102"</th> </tr> </thead> <tbody> <tr> <td>TL-2</td> <td>15'-4"</td> <td>15'-4"</td> <td>15'-4"</td> <td>12'-5"</td> <td>12'-5"</td> <td>12'-5"</td> <td>12'-5"</td> <td>12'-5"</td> <td>12'-5"</td> <td>12'-5"</td> <td></td> </tr> <tr> <td>TL-3</td> <td>29'-5"</td> <td>29'-5"</td> <td>29'-5"</td> <td>29'-5"</td> <td>26'-7"</td> <td>26'-7"</td> <td>26'-7"</td> <td>26'-7"</td> <td>26'-7"</td> <td>26'-7"</td> <td></td> </tr> <tr> <td>70</td> <td>32'-3"</td> <td>32'-3"</td> <td>32'-3"</td> <td>32'-3"</td> <td>29'-5"</td> <td>26'-7"</td> <td>26'-7"</td> <td>26'-7"</td> <td>26'-7"</td> <td>26'-7"</td> <td>26'-7"</td> </tr> </tbody> </table></p>	Speed	System Width										42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	TL-2	15'-4"	15'-4"	15'-4"	12'-5"	12'-5"	12'-5"	12'-5"	12'-5"	12'-5"	12'-5"		TL-3	29'-5"	29'-5"	29'-5"	29'-5"	26'-7"	26'-7"	26'-7"	26'-7"	26'-7"	26'-7"		70	32'-3"	32'-3"	32'-3"	32'-3"	29'-5"	26'-7"	26'-7"	26'-7"	26'-7"	26'-7"	26'-7"	
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<p>Latest Statewide Standard: REACT (M)-21 (MASH COMPLIANT)</p>	<p>Latest Statewide Standard: REACT (W)-16</p>	<p>Latest Statewide Standard: TAU-II R(N)-16</p>	<p>Latest Statewide Standard: TAU-II R(W)-16</p>																																																																													

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CATEGORIZED CRASH CUSHION ATTENUATORS ♦

REUSABLE (Redirective, Non-Gating)

																																																																										
<p>QUADGUARD (M10) (N) QUADGUARD M10 (Narrow) by Valtir, LLC www.valtir.com</p>	<p>QUADGUARD (M) (W) QUADGUARD (M) (WIDE) by Valtir, LLC www.valtir.com</p>	<p>TAU(M) (N) TAU-M™ (Narrow) by LTS-Barrier Systems, Inc. www.barriersystemsinc.com</p>	<p>TAU-II (W) TAU-II™ (Wide) by LTS-Barrier Systems, Inc. www.barriersystemsinc.com</p>	<p>DELTA CC (N) DELTA CC (Narrow) by Traffix Devices, Inc. www.traffixdevices.com/</p>	<p>TRACC (W) Trinity Attenuating Crash Cushion (Wide) by Valtir, LLC www.valtir.com</p>																																																																					
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<p>BACKUP WIDTH: 24"</p>	<p>BACKUP WIDTH: 69"</p>	<p>BACKUP WIDTH: 30"</p>	<p>BACKUP WIDTH: 42" up to 102" in 6" increments</p>	<p>BACKUP WIDTH: 30-1/8"</p>	<p>BACKUP WIDTH: WideFASTTRACC: 71" – 141" WideTRACC: 58" – 127" WideSHORT: 39" – 108"</p>																																																																					
<p>HEIGHT: 2'-8"</p>	<p>HEIGHT: 2'-8 1/8"</p>	<p>HEIGHT: 2'-10"</p>	<p>HEIGHT: 2'-8"</p>	<p>HEIGHT: 31-1/2"</p>	<p>HEIGHT: 2'-8"</p>																																																																					
<p>LENGTH: 3 Bay –13'-0" (TL-2) 6 Bay –22'-0" (TL-3)</p>	<p>LENGTH: <table border="1" data-bbox="571 1520 789 1550"> <tr><td>TL-3</td><td>22'-0"</td></tr> </table></p>	TL-3	22'-0"	<p>SYSTEM LENGTH: <table border="1" data-bbox="1006 1499 1224 1600"> <tr><th colspan="2">Compact Backstop</th></tr> <tr><td>TL-2</td><td>15'-5"</td></tr> <tr><td>TL-3</td><td>23'-11"</td></tr> </table></p>	Compact Backstop		TL-2	15'-5"	TL-3	23'-11"	<table border="1" data-bbox="1348 1499 2094 1641"> <thead> <tr> <th rowspan="2"></th> <th colspan="11">System Width</th> </tr> <tr> <th>42"</th> <th>48"</th> <th>54"</th> <th>60"</th> <th>66"</th> <th>72"</th> <th>78"</th> <th>84"</th> <th>90"</th> <th>96"</th> <th>102"</th> </tr> </thead> <tbody> <tr> <td>TL-2</td> <td>14'-4"</td> <td>14'-4"</td> <td>14'-4"</td> <td>11'-5"</td> <td>11'-5"</td> <td>11'-5"</td> <td>11'-5"</td> <td>11'-5"</td> <td>11'-5"</td> <td>11'-5"</td> <td></td> </tr> <tr> <td>TL-3</td> <td>28'-5"</td> <td>28'-5"</td> <td>28'-5"</td> <td>28'-5"</td> <td>25'-7"</td> <td>25'-7"</td> <td>25'-7"</td> <td>25'-7"</td> <td>25'-7"</td> <td>25'-7"</td> <td></td> </tr> <tr> <td>70</td> <td>31'-3"</td> <td>31'-3"</td> <td>31'-3"</td> <td>31'-3"</td> <td>28'-5"</td> <td>25'-7"</td> <td>25'-7"</td> <td>25'-7"</td> <td>25'-7"</td> <td>25'-7"</td> <td>25'-7"</td> </tr> </tbody> </table>		System Width											42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	TL-2	14'-4"	14'-4"	14'-4"	11'-5"	11'-5"	11'-5"	11'-5"	11'-5"	11'-5"	11'-5"		TL-3	28'-5"	28'-5"	28'-5"	28'-5"	25'-7"	25'-7"	25'-7"	25'-7"	25'-7"	25'-7"		70	31'-3"	31'-3"	31'-3"	31'-3"	28'-5"	25'-7"	25'-7"	25'-7"	25'-7"	25'-7"	25'-7"	<p>LENGTH: <table border="1" data-bbox="2250 1520 2467 1550"> <tr><td>TL-3</td><td>21'-0"</td></tr> </table></p>	TL-3	21'-0"	<p>WideSHORT LENGTH: 17' to 39'-3" – (TL-2) WideTRACC LENGTH: 23'-0" to 46'-4" – (TL-3) WideFASTTRACC LENGTH: * 27'-11" to 51'-1" - (70 mph) Varies with Width of Back-up Needed</p>
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<p>Latest Statewide Standard: QUADGUARD (M10)(N)-20 (MASH COMPLIANT)</p>	<p>Latest Statewide Standard: QG (M)(W)-21 (MASH COMPLIANT)</p>	<p>Latest Statewide Standard: TAU(M) (N)-19 (MASH COMPLIANT)</p>	<p>Latest Statewide Standard: TAU-II(W)-16</p>	<p>Latest Statewide Standard: DELTA CC (N)-22 (MASH COMPLIANT)</p>	<p>Latest Statewide Standard: TRACC(W)-16</p>																																																																					

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CATEGORIZED CRASH CUSHION ATTENUATORS ♦

	SACRIFICIAL (Non-Redirective, Gating)			SACRIFICIAL (Redirective, Gating)
				
	ABSORB-M	SLED MINI	SLED	BEAT-SSCC
	ABSORB-M by LTS-Barrier Systems, Inc. www.barriersystemsinc.com	SLED MINI by Traffix Devices, Inc. www.traffixdevices.com	SLED by Traffix Devices, Inc. www.traffixdevices.com	Box Beam Bursting Energy Absorbing Terminal – Single Side Crash Cushion by Road Systems Inc. www.roadsystems.com
	<ul style="list-style-type: none"> • Non-Redirective, Gating • Water-filled • Meets TL-2 and TL-3 • Temporary Work Zone Only • Connects to Temporary Concrete Barrier. • Limited to Barrier Height of 42" or Less • Does <u>not</u> Require Paved Surface • Standard Barrier (SB) – PCTB • Wide Barrier (WB) – CSB • Extra Wide Barrier (XB) – SSCB • Unidirectional / Bidirectional 	<ul style="list-style-type: none"> • Non-Redirective, Gating • Water-filled • Meets TL-2 • Temporary Work Zone Only • Connects to Temporary Concrete • Does <u>not</u> Require Paved Surface • Unidirectional / Bidirectional 	<ul style="list-style-type: none"> • Non-Redirective, Gating • Water-filled • Meets TL-3 • Temporary Work Zone Only • Connects to Temporary Concrete Barrier (limited to barrier height of 43" or less) • Does <u>not</u> Require Paved Surface • Standard Barrier (SB) – PCTB • Wide Barrier (WB) – CSB • Extra Wide Barrier (XB) – SSCB • Unidirectional / Bidirectional 	<ul style="list-style-type: none"> • Redirective, Gating • Meets TL-3 • Permanent or Temporary Work Zone • Connects to Rigid Barriers • Does <u>not</u> Require Paved Surface • Unidirectional Only
	<ul style="list-style-type: none"> • Shoulder Protection • Point Protection 	<ul style="list-style-type: none"> • Shoulder Protection • Point Protection 	<ul style="list-style-type: none"> • Shoulder Protection • Point Protection 	<ul style="list-style-type: none"> • Shoulder Protection • Point Protection
	BACKUP WIDTH: 24"	BACKUP WIDTH: 23"	BACKUP WIDTH: 27"	BACKUP WIDTH: 24"
	HEIGHT: 3' – 6"	HEIGHT: 2' – 8"	HEIGHT: 45 7/8"	HEIGHT: 2'-4"
	EFFECTIVE LENGTH: 2 Element – 14'-7 3/4" (TL-2) 3 Element – 20'-11 3/4" (TL-3)	LENGTH: 12' – 0"	LENGTH: 25'-3"	LENGTH: 28'-0" (TL-3)
	Latest Statewide Standard: ABSORB(M)-19 (MASH COMPLIANT)	Latest Statewide Standard: SLEDMINI-19 (MASH COMPLIANT)	Latest Statewide Standard: SLED-19 (MASH COMPLIANT)	Latest Statewide Standard: SSCC-16

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 * Capacity (70mph)
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CATEGORIZED CRASH CUSHION ATTENUATORS ♦

SACRIFICIAL (Redirective, Gating)		SACRIFICIAL (Non-Redirective, Gating)		
				
CAT-350 (CATCB)	MATT	TRAFFIX SAND BARRELS	CRASHGARD SAND BARREL	
CAT-CONCRETE BARRIER by Valtir, LLC www.valtir.com	MEDIAN ATTENUATING TREND TERMINAL by Valtir, LLC www.valtir.com	BIG SANDY by Traffix Devices, Inc. www.traffixdevices.com	CRASHGARD SAND BARREL by PSS Innovations, Inc. www.pss-innovations.com	
<ul style="list-style-type: none"> Redirective, Gating Meets TL-2 and TL-3 Permanent or Temporary Work Zone Connects to Temporary Concrete with Approved Transition Does not Require Paved Surface Unidirectional/Bidirectional 	<ul style="list-style-type: none"> Redirective, Gating Meets TL-2 and TL-3, at full length Permanent or Temporary Work Zone Connects Directly to 8" Block with median Steel Post MBGR Does not Require Paved Surface Unidirectional/Bidirectional 	<ul style="list-style-type: none"> Non-Redirective, Gating Sand-filled Meets TL-2 and TL-3 Permanent or Temporary Work Zone Requires Paved Pad 	<ul style="list-style-type: none"> Non-Redirective, Gating Sand-filled Meets TL-2 and TL-3 Permanent or Temporary Work Zone Requires Paved Pad 	
<ul style="list-style-type: none"> Shoulder Protection Point Protection Gore Two-Side Protection 	<ul style="list-style-type: none"> Shoulder Protection Point Protection Gore Two-side Protection 	<ul style="list-style-type: none"> Shoulder Protection Point Protection Gore Two-Side Protection 	<ul style="list-style-type: none"> Shoulder Protection Point Protection Gore Two-Side Protection 	
BACKUP WIDTH: 24" – 30"	BACKUP WIDTH: 21"Inside; 27.5" Outside	BACKUP WIDTH: 24" – 84"	BACKUP WIDTH: 24" – 84"	
HEIGHT: 27 3/4"	HEIGHT: 31"	HEIGHT: 32"-36"	HEIGHT: 36"	
LENGTH: 31' – 3" (TL-3)	LENGTH: 34' – 4 1/2" (TL-2) (TL-3)	LENGTH: Variable – See VIA(SFPM) (30 to 65 mph) (TL-2) (TL-3)	LENGTH: Variable – See VIA(SFPM) (30 to 65 mph) (TL-2) (TL-3)	
Latest Statewide Standard: CATCB(1)-17	Latest Statewide Standard: MATT (1) - 23 (MASH COMPLIANT)	Latest Statewide Standard: VIA(SFPM)-19 (MASH COMPLIANT)	Latest Statewide Standard: VIA(SFPM)-19 (MASH COMPLIANT)	

♦ This table is provided for informational purposes only, refer to manufacturer's details for the most up to date information.
 * Capacity (70mph)
 NCHRP 350 OR MASH: TL 2 ≤ 45 mph; TL 3 ≥ 50 mph. If MASH compliant, designated "(MASH Compliant)".