

**MDSHA BOOK OF STANDARDS  
FOR HIGHWAYS, INCIDENTAL STRUCTURES AND TRAFFIC CONTROL APPLICATIONS**

<b>APPROVED UNITS FOR END TREATMENTS</b>		
<b>CATEGORY "6" - SHOULDERS</b>		
<b>Standard No.: 605.02</b>	<b>Description: Type B (shown SRT-31)</b>	
<i>Approved Units</i>	<i>Manufacturer</i>	<i>FHWA Approval Date</i>
<a href="#"><u>Slotted Rail Terminal (SRT-31)</u></a>	Trinity Highway Products, LLC	08/30/07
<a href="#"><u>Flared Energy-Absorbing Terminal (FLEAT)</u></a>	Road Systems, Inc.	08/24/01
<a href="#"><u>FLEAT-SP</u></a>	Road Systems, Inc.	09/17/08
<a href="#"><u>X-Tension Guardrail End Terminal (Flared)</u></a>	Barrier Systems Inc.	11/5/2007
X-lite - Flared	Barrier Systems Inc.	09/09/11
TREND 350 (Flared)	Trinity Highway Products, LLC	12/23/11
<b>Standard No.: 605.03</b>	<b>Description: Type C (shown ET Plus)</b>	
<i>Approved Units</i>	<i>Manufacturer</i>	<i>FHWA Approval Date</i>
<a href="#"><u>ET Plus</u></a>	Trinity Highway Products, LLC	08/30/02
ET-Plus 31	Trinity Highway Products, LLC	09/02/05
<a href="#"><u>Sequential Kinking Terminal (SKT-350)</u></a>	Road Systems, Inc.	04/02/97
<a href="#"><u>SKT-SP</u></a>	Road Systems, Inc.	09/17/08
<a href="#"><u>X-Tension Guardrail End Terminal (Tangent)</u></a>	Barrier Systems Inc.	11/5/07
X-lite - Tangent	Barrier Systems Inc.	09/09/11
<b>Standard No.: 605.05</b>	<b>Description: Type D (shown X-Tension)</b>	
<i>Approved Units</i>	<i>Manufacturer</i>	<i>FHWA Approval Date</i>
<a href="#"><u>Flared Energy-Absorbing Terminal (FLEAT-MT)</u></a>	Road Systems, Inc.	08/24/01
<a href="#"><u>X-Tension Guardrail End Terminal (Median)</u></a>	Barrier Systems Inc.	11/5/2007
<a href="#"><u>TREND 350 Median</u></a>	Trinity Highway Products, LLC	12/19/11

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<b>APPROVED UNITS FOR END TREATMENTS</b>		
<b>CATEGORY "6" - SHOULDERS</b>		
<b>Standard No.: 605.06</b>	<b>Description: Type E (shown QuadGuard)</b>	
<i>Approved Units</i>	<i>Manufacturer</i>	<i>Approval Date</i>
<a href="#"><u>QuadGuard</u></a>	Energy Absorption Systems, Inc.	06/21/96
<a href="#"><u>QuadGuard II</u></a>	Energy Absorption Systems, Inc.	03/20/09
<a href="#"><u>Trinity Attenuating Crash Cushion (TRACC)</u></a>	Trinity Highway Products, LLC	11/13/98
<a href="#"><u>TAU-II</u></a>	Barrier Systems Inc.	09/14/01
<a href="#"><u>Smart Cushion</u></a>	Work Area Protection Corp.	09/12/03
<a href="#"><u>Quest</u></a>	Energy Absorption Systems, Inc.	02/17/05
X-TENUator (X-TEN)	Barrier Systems, Inc.	11/31/10
TAU-II-R	Barrier Systems, Inc.	08/18/11
<b>Standard No.: 605.07</b>	<b>Description: Type F (shown TREND 350)</b>	
<i>Approved Units</i>	<i>Manufacturer</i>	<i>Approval Date</i>
<a href="#"><u>Quest</u></a>	Energy Absorption Systems, Inc	02/17/05
<a href="#"><u>X-Tension Guardrail End Terminal (Median)</u></a>	Barrier Systems Inc.	11/5/2007
<a href="#"><u>TREND 350 Median</u></a>	Trinity Highway Products, LLC	12/19/11
<b>Standard No.: 605.11</b>	<b>Description: Type J (shown REACT-350)</b>	
<i>Approved Units</i>	<i>Manufacturer</i>	<i>Approval Date</i>
<a href="#"><u>React-350</u></a>	Energy Absorption Systems, Inc	04/12/95
<a href="#"><u>QuadGuard LMC</u></a>	Energy Absorption Systems, Inc	12/01/97
<a href="#"><u>QuadGuard Elite</u></a>	Energy Absorption Systems, Inc	06/17/99
<a href="#"><u>Smart Cushion</u></a>	Work Area Protection Corp.	09/12/03
TAU-II-R	Barrier Systems, Inc.	08/18/11