



Qualified Traffic Control Equipment Submission Form for  
**Barrier End Treatments and Impact Attenuators**

**Submission Instructions:** Please submit one application per product. Catalogue cuts shall be included as attachments. All FHWA Federal-aid eligibility letters shall be included with submittal. Other testing results or certifications which may assist in evaluation may also be included. All equipment shall comply with the latest editions of Section 601 - Highway Guard, Section 628 - Permanent Impact Attenuators, and/or Section 850 - Traffic Controls for Construction and Maintenance Operations of the [Standard Specifications](#), including Supplemental and Interim editions. Per [Engineering Directive E-95-008](#), end terminal applications must include design drawings that are stamped and signed by a Professional Engineer registered in Massachusetts. Upon evaluation MassDOT Highway Division will contact you.

*Part A. Applicant Information*

Today's Date	
Name	
Company	
Address	
City, State ZIP	
Phone	
Email	

Massachusetts P.E. Stamp and Signature: \_\_\_\_\_

Date: \_\_\_\_\_

*Part B. Basic Product Information*

Name or Model #	
Description	
Link to product cutsheet	
Product Type	<input type="radio"/> Cable Barrier Terminal <input type="radio"/> Guardrail Terminal <input type="radio"/> Crash Cushion <input type="radio"/> Truck Mounted Attenuator <input type="radio"/> Other:

Part C. Technical Product Information					
Test Level	n/a	TL-2	TL-3	TL-4	TL-5
Methodology	<input type="radio"/> NCHRP 350		<input type="radio"/> MASH		
FHWA Acceptance Letter(s):					
FHWA Limits on Use					
Designed for the following impact types	Point Protection Shoulder (One-sided)		Median (Opposite Side/Opposite Direction) Gore (Two-sided)		
System designed for attachment to	Single Face Guardrail Double Face Guardrail Shoulder Concrete Barrier Median Concrete Barrier Free Standing (does not attach to other hardware)		Rail Element Type(s): Rail Element Type(s):		
Is this product capable of redirection? <input type="radio"/> Yes <input type="radio"/> No					
Is this product gating? <input type="radio"/> Yes <input type="radio"/> No					
If product is both capable of redirection and gating, please explain					
<i>Please complete this section for Guardrail Terminals, only.</i>					
Energy Dissipation	<input type="radio"/> Energy Absorbing		<input type="radio"/> Non-Energy Absorbing		
Terminal Design	Flared		Tangent		
Is this product certified for 31-in. height guardrail systems? <input type="radio"/> Yes <input type="radio"/> No					
<i>Please complete this section for Crash Cushions, only.</i>					
Cushion Type	<input type="radio"/> Low-Maintenance and/or Self-Restoring* <input type="radio"/> Sacrificial <input type="radio"/> Other: <i>*The category type of "Low Maintenance and/or Self Restoring" includes those crash cushions that either suffer very little, if any, damage upon impact and are easily pulled back into their full operating condition, or they partially rebound after an impact and may only need an inspection to ensure that no parts have been damaged, misaligned, etc.</i>				
Intended Use	Permanent		Temporary/Work Zone		
Length:	Width:		Height:		
<i>Please complete this section for Truck Mounted Attenuators, only.</i>					
Is the TMA, or its components, reusable after a designed impact? <input type="radio"/> Yes <input type="radio"/> No					
If Yes, please explain					

*Part D. Product Use*

Has this product, or one similar, been previously submitted to MassDOT?  Yes  No  
If Yes, please explain:

Is this a replacement product for one currently approved by MassDOT?  Yes  No  
If Yes, please explain:

Is this product currently in use in Massachusetts?  Yes  No  
If Yes, please explain:

State DOTs that have approved this product:

Is this product in commercial production?  Yes  No  
If Yes, for how long?  
If No, please explain:

Have there been any recalls on this product?  Yes  No  
If Yes, please explain:

Recommended Routine Maintenance Program (if applicable):

Warranty Information:

*Part E. Contact Information*

Supplier/ Distributor	Contact	Title	
	Company		
	Website		
	Address	City, State ZIP	
	Email	Phone	
Manufacturer	Contact	Title	
	Company		
	Website		
	Address	City, State ZIP	
	Email	Phone	
Reference #1	Contact	Title	
	Agency		
	Email	Phone	
Reference #2	Contact	Title	
	Agency		
	Email	Phone	

*(This space may be used to provide additional information)*

Applications may be submitted to [james.danila@dot.state.ma.us](mailto:james.danila@dot.state.ma.us) or by mail to:  
 Jim Danila, P.E., Assistant State Traffic Engineer  
 Traffic and Safety Engineering Section, MassDOT Highway Division  
 10 Park Plaza, Room 7210  
 Boston, MA 02116