



~NOTES~

- CRASH CUSHION TYPE VI, CLASS B, ☆, △
 ☆ EITHER TEST LEVEL 2 (TL2) OR TEST LEVEL 3 (TL3), AS REQUIRED.
 △ SEE "CONNECTION DETAILS OF CRASH CUSHION TYPE VI TO DOUBLE FACE GUARDRAIL".
- CRASH CUSHION TYPE VI-BT OR CT IS DEPICTED ATTACHED TO A CONCRETE BARRIER (TEMPORARY).
- WHEN CRASH CUSHION TYPE VI-BT OR CT IS ATTACHED TO STEEL "W" BEAM GUARDRAIL (DOUBLE FACE), ALL APPLICABLE DETAILS SHOWN ON CUR. STD. DWG. RBC-110, "CONNECTION DETAIL OF CRASH CUSHION TYPE VI TO DOUBLE FACE GUARDRAIL" SHALL BE REQUIRED.
- WHEN CRASH CUSHION TYPE VI-BT OR CT IS ATTACHED TO STEEL "W" BEAM GUARDRAIL (DOUBLE FACE), THE TRANSITION PANEL SHALL BE ELIMINATED.
- IN A TWO-WAY TRAFFIC SITUATION FOR A 6" OR 9" TOP WIDTH WALL THE UNIT SHALL BE OFFSET FROM THE CENTERLINE OF THE WALL AS SHOWN IN THE PLAN VIEW. FOR A 12" TOP WIDTH WALL, THE UNIT SHALL BE CENTERED ON THE END OF THE BARRIER.
- FOR ONE-WAY APPROACH TRAFFIC THE UNIT SHALL BE CENTERED ON THE END OF THE BARRIER.
- THE COMPLETE INSTALLATION SHALL MEET ALL APPLICABLE REQUIREMENTS OF ENERGY ABSORPTIONS INC. OR TRINITY INDUSTRIES INC.
- ANCHORAGE DEVICES TO SECURE CRASH CUSHION TO THE EXISTING SURFACE SHALL BE SHOWN ON APPROVED SHOP DRAWINGS.
- WHEN REQUIRED, THE CONCRETE PAD, PAD EXCAVATION AND STEEL REINFORCEMENT, INSTALLED IN PLACE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CRASH CUSHION TYPE VI. USE CLASS AA CONCRETE TO CONSTRUCT CONCRETE PAD (SEE CONCRETE PAD SECTION FOR STEEL REQUIREMENTS). THE PAD SHALL BE CURED AND FINISHED AS EITHER SIDEWALK OR PAVEMENT. THE CROSS SLOPE OF THE PAD OR PAVEMENT SHALL NOT EXCEED 5%. THE PAD WILL NOT BE REQUIRED WHEN UNIT IS CONSTRUCTED ON RIGID PAVEMENT.
- THE PAD WILL NOT BE REQUIRED WHEN THE UNIT IS CONSTRUCTED ON EXISTING PAVEMENT OR BRIDGES AND THE COST OF ANCHORING SHALL BE INCLUDED IN THE UNIT PRICE OF THE CRASH CUSHION.
- USE WITH CURRENT STANDARD DRAWING RBC-110 WHEN CONNECTING TO DOUBLE FACE GUARDRAIL.
- PERMISSIBLE ALTERNATES FOR CRASH CUSHION TYPE VI-BT OR CT ARE PATENTED (ONE SOURCE) ITEMS: ENERGY ABSORPTION SYSTEMS, INC. OF CHICAGO, IL., TRINITY INDUSTRIES, INC. OF DALLAS, TX. OR SCI. PRODUCTS, INC. OF ST. CHARLES, IL.
- THE MANUFACTURER SHALL FURNISH TWO (2) SETS OF SHOP DRAWINGS TO THE CONTRACTOR WITH EACH INSTALLATION.

~ ELEVATION ~

~ PLAN ~

- ~ LEGEND ~
- ① NOSE ASSEMBLY
 - ② CONSTRUCTION ZONE BACKUP
 - ③ OBJECT MARKER TYPE 1, (SEE CUR. MUTCD MANUAL FOR DETAILS) CENTER HORIZ. AND VERT.

CLASS	SPEED (MPH)	ATTENUATOR			APPROX. CU. YD. CONC. FOR PAD
		MODEL	PRODUCT NAME	LENGTH	
B	45 & LESS	TL2	SHORTRACC	14'-0"	1.12
			3-BAY QUADGUARD	12'-0"	0.87
	OVER 45	TL3	TRACC	21'-0"	1.63
			6-BAY QUADGUARD	21'-0"	1.53

A CLASS CT CAN BE USED AT THE CONTRACTOR'S DISCRETION.

USE WITH CUR. STD. DWG. RBE-060 (SEE NOTE 11. FOR ACCOMPANYING DRAWINGS).

KENTUCKY
DEPARTMENT OF HIGHWAYS

**CRASH CUSHION
TYPE VI-BT**

SUBMITTED: *Jeff Jasper* 8-24-12
DIRECTOR DIVISION OF HIGHWAY DESIGN DATE

009

FILE NAME: C:\PWORK\JEFF.LAIL\0512631\SEPIA_009.DGN
 USER: Jeff.Lail
 DATE PLOTTED: August 29, 2012
 E-SHEET NAME:
 MicroStation v8.11.7.180