



~ CONCRETE PAD SECTION ~  
(PER MANUFACTURER SPECIFICATIONS)  
REFER TO NOTES ⑪ ⑭

~ NOTES ~

Additional Concrete Pad Construction may be Required Per Manufacturer Specifications

- ① NOSE ASSEMBLY (OBJECT MARKER TYPE 1 AS NECESSARY)
- ② CONSTRUCTION ZONE BACKUP
- 3. 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".
- 4. CRASH CUSHION TYPE VI-BT IS DEPICTED ATTACHED TO A CONCRETE BARRIER (TEMPORARY).
- 5. WHEN CRASH CUSHION TYPE VI-BT IS ATTACHED TO STEEL "W" BEAM GUARDRAIL (DOUBLE FACE), ALL APPLICABLE DETAILS SHOWN ON RBC-110 , "CONNECTION DETAIL OF CRASH CUSHION TYPE VI TO DOUBLE FACE GUARDRAIL" SHALL BE REQUIRED.
- 6. WHEN CRASH CUSHION TYPE VI-BT IS ATTACHED TO STEEL "W" BEAM GUARDRAIL (DOUBLE FACE), THE TRANSITION PANEL SHALL BE ELIMINATED.
- 7. 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.
- 8. FOR ONE-WAY APPROACH TRAFFIC THE UNIT SHALL BE CENTERED ON THE END OF THE BARRIER.
- 9. THE COMPLETE INSTALLATION SHALL MEET ALL APPLICABLE REQUIREMENTS OF ENERGY ABSORPTIONS INC. OR TRINITY INDUSTRIES INC.
- 10. ANCHORAGE DEVICES TO SECURE THE CRASH CUSHION TO THE EXISTING SURFACE SHALL BE SHOWN ON APPROVED SHOP DRAWINGS.
- 11. THE CONCRETE PAD, PAD EXCAVATION AND STEEL REINFORCEMENT, INSTALLED IN PLACE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CRASH CUSHION TYPE VI. DIMENSION AND REINFORCEMENT SPECIFICATIONS FOR CONCRETE PADS ARE TO BE PROVIDED BY THE MANUFACTURER. THE PAD WILL NOT BE REQUIRED WHEN UNIT IS CONSTRUCTED ON RIGID PAVEMENT.
- 12. 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.
- 13. USE WITH CUR. STD. DWG. RBC-110 WHEN CONNECTING TO DOUBLE FACE GUARDRAIL.
- 14. CRASH CUSHIONS ARE TO BE INSTALLED PER MANUFACTURER SPECIFICATIONS, INCLUDING THE CONCRETE PAD. THE MANUFACTURER SHALL FURNISH TWO (2) SETS OF SHOP DRAWINGS TO THE CONTRACTOR WITH EACH INSTALLATION.

A TYPE VI-CLASS C CAN BE USED AT THE CONTRACTOR'S DISCRETION.

THE TRACC AND SHORTRACC CRASH CUSHIONS CAN ALSO BE USED FOR TEMPORARY SITUATIONS, BUT CANNOT BE LEFT IN PLACE AS A PERMANENT INSTALL. PER DESIGN MEMO 03-19, WORK ZONE DEVICES MANUFACTURED PRIOR TO DEC. 31, 2019 AND ARE IN GOOD WORKING ORDER, CAN BE USED UNTIL JUNE 30, 2024 PROVIDED THEY MEET THE SPECIFICATIONS IN SECTION 509 OF THE KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

CLASS	SPEED ( MPH )	ATTENUATOR		
		MODEL	PRODUCT NAME	LENGTH
B	45 & LESS	TL2	UNIVERSAL TAU-M	14'-2"
			3-BAY QUADGUARD M10	12'-0"
	OVER 45	TL3	UNIVERSAL TAU-M	22'-9"
			5-BAY QUADGUARD M10	18'-0"

USE WITH CUR. STD. DWG.  
RBC-110 RBE-060

KENTUCKY DEPARTMENT OF HIGHWAYS	
CRASH CUSHION TYPE VI-BT	
STANDARD DRAWING NO. RBE-100-11	
SUBMITTED <i>[Signature]</i>	DATE 02-26-20
APPROVED <i>[Signature]</i>	DATE 02-26-20