



~ NOTES ~

- ① NOSE ASSEMBLY (OBJECT MARKER TYPE I AS REQUIRED)
- ② BACKUP
- ③ 6" CONCRETE PAD
4. CRASH CUSHION TYPE VI, CLASS , ,
 - CLASS B OR C, AS REQUIRED
 - EITHER TEST LEVEL 2 (TL2) OR TEST LEVEL 3 (TL3), AS REQUIRED.
 - SEE "CONNECTION DETAILS OF CRASH CUSHION TYPE VI TO DOUBLE FACE GUARDRAIL".
5. THE CONCRETE PAD, PAD EXCAVATION AND STEEL REINFORCEMENT, INSTALLED IN PLACE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CRASH CUSHION PAD 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 THE UNIT IS CONSTRUCTED ON RIGID PAVEMENT.
6. CRASH CUSHION TYPE VI MAY BE USED AT THE END OF: CONCRETE MEDIAN BARRIER, BRIDGE PIERS AND STEEL "W" BEAM GUARDRAIL (DOUBLE FACE).
7. WHEN CRASH CUSHION TYPE VI CONNECTS TO: CONCRETE MEDIAN BARRIER OR BRIDGE PIER THE CONTRACT UNIT PRICE SHALL INCLUDE: CRASH CUSHION TYPE VI, ALL HARDWARE, ADDITIONAL RAIL ELEMENTS, POST, CONCRETE PAD AND ALL OTHER INCIDENTALS NECESSARY TO COMPLETE THE INSTALLATION.
8. THIS DRAWING DEPICTS A CONNECTION OF CRASH CUSHION TYPE VI TO CONCRETE MEDIAN BARRIER END. FOR THIS APPLICATION SEE CURRENT STD. DWG. [RBE-065](#) "CONCRETE MEDIAN BARRIER END".
9. WHEN CRASH CUSHION TYPE VI CONNECTS TO DOUBLE FACE GUARDRAIL SEE CURRENT STD. DWG. [RBC-110](#) "CONNECTION DETAILS OF CRASH CUSHION TYPE VI TO DOUBLE FACE GUARDRAIL".
10. PERMISSIBLE ALTERNATES FOR CRASH CUSHION TYPE VI ARE PATENTED ITEMS: QUADGUARD MANUFACTURED BY ENERGY ABSORPTION SYSTEMS, INC. OF CHICAGO, IL., TRINITY INDUSTRIES, INC. OF DALLAS, TX. OR SCI PRODUCTS, INC. OF ST. CHARLES, IL.
11. THE MANUFACTURER SHALL FURNISH TWO (2) SETS OF SHOP PLANS TO THE CONTRACTOR WITH EACH INSTALLATION.
12. THE CRASH CUSHION TYPE VI MAY ALSO BE UTILIZED FOR TEMPORARY USE AND CONSTRUCTION ZONES (CLASS BT).
13. A CRASH CUSHION TYPE VI CLASS B IS TO BE USED IN AREAS WHERE CRASH HISTORY IS NOT KNOWN TO BE SEVERE.
14. A CRASH CUSHION TYPE VI CLASS C IS CONSIDERED A SEVERE USE CRASH CUSHION.

ADDITIONAL BID ITEMS AND UNIT TO BID
 OBJECT MARKER TYPE I (AS REQUIRED) EACH

CLASS	SPEED (MPH)	ATTENUATOR			APPROX. CU. YD. CONC. FOR PAD	SUGGESTED ADT* RANGE (P.C.P.L.)**
		MODEL	PRODUCT NAME	LENGTH		
B	45 & LESS	TL2	SHORTTRACC	14'-0"	1.12	UP TO 12,000
			3-BAY QUADGUARD	12'-0"	0.87	
	OVER 45	TL3	TRACC	21'-0"	1.63	
			6-BAY QUADGUARD	21'-0"	1.53	
C	OVER 45	TL3	SCI100GM	23'-0"	1.7	8,000 AND OVER
			QUADGUARD ELITE	26'-7"	1.98	

W = 2'-0" (INSIDE BAY WIDTH)

* AVERAGE DAILY TRAFFIC
 ** PASSENGER CARS PER LANE

USE WITH CUR. STD. DWGS.
[RBE-065](#), [RBC-110](#)

KENTUCKY
DEPARTMENT OF HIGHWAYS

CRASH CUSHION
TYPE VI
 (ONE & TWO DIRECTION)

STANDARD DRAWING NO. RBE-060-14

SUBMITTED *William P. Gullett* 12-01-15
DIRECTOR, DIVISION OF DESIGN DATE

APPROVED *[Signature]* 12-01-15
STATE HIGHWAY ENGINEER DATE