KENTUCKY
DEPARTMENT OF HIGHWAYS

DATE
SUBMITTED

CRASH CUSHION
(TWO DIRECTION)

TRAFFIC

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

CLASS
B
C

OVER 45 & LESS
OVER 45

MODEL
TL2
TL3
TL3

PRODUCT NAME
SHORTRACC
3-BAY QUADGUARD MID
2'-0''
TRADE
2'-0''

OVER 45
5-BAY QUADGUARD MID
18'-0''

ADDITIONAL CONCRETE PAD CONSTRUCTION MAY BE REQUIRED PER MANUFACTURER SPECIFICATIONS

REFERENCES

5. 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 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 MEDIUM MEDIAN BARRIER END. FOR THIS APPLICATION SEE CURRENT STD. DWG. USE WITH CUR. STD. DWG. SEE DOUBLE FACE GUARDRAIL.

9. WHEN CRASH CUSHION TYPE VI CONNECTS TO DOUBLE FACE GUARDRAIL SEE CURRENT SEPIA DWG "CONNECTION DETAILS OF CRASH CUSHION TYPE VI TO DOUBLE FACE GUARDRAIL".

10. PERMISSIBLE ALTERNATES FOR CRASH CUSHION TYPE VI ARE PATENTED ITEMS: C-Boldguard manufactured by Energy Absorption Systems, Inc. of Chicago, IL., Trinity Industries, Inc. of Dallas, TX, or SCI Products, Inc. of St. Charles, IL.

11. CRASH CUSHIONS ARE TO BE INSTALLED PER MANUFACTURER SPECIFICATIONS, INCLUDING THE CONCRETE PAD, 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 EACH

15. NCHRP-350-COMPLIANT CRASH CUSHIONS WILL BE ACCEPTED IN INSTANCES WHERE MASH-COMPILANT DEVICES ARE NOT YET AVAILABLE.