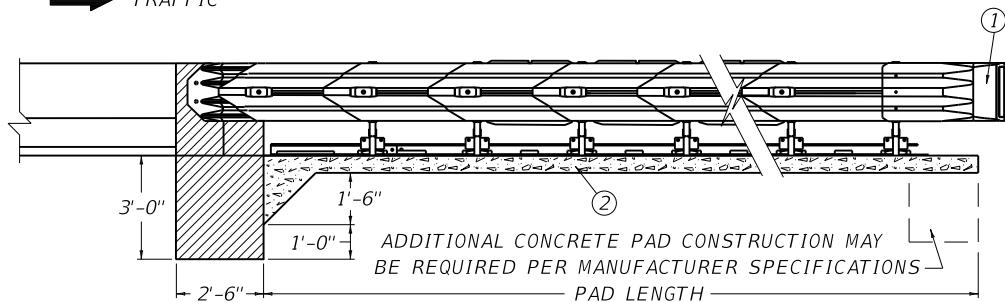
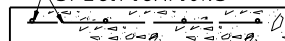


~ PLAN ~



~ ELEVATION ~

REINFORCEMENT PER MANUFACTURER SPECIFICATIONS



~ CONCRETE PAD SECTION ~
(PER MANUFACTURER SPECIFICATIONS)

REFER TO NOTES ⑤

~ NOTES ~

- ① NOSE ASSEMBLY (OBJECT MARKER TYPE 1 AS REQUIRED)
- ② 6" CONCRETE PAD PER MANUFACTURER SPECIFICATIONS.
- ③ MEDIUM WIDTH = 70 1/2", APPROX. 2.8 CU. YD. CONC. AND 265 LBS. OF STEEL FOR MED. BACKUP.
WIDE WIDTH = 91 1/2", APPROX. 3.8 CU. YD. CONC. AND 299 LBS. OF STEEL FOR WIDE BACKUP.

- 4. THE CONTRACT UNIT PRICE SHALL BE CRASH CUSHION TYPE VII, CLASS **B** , **C** , **A** .
 - CLASS **B** OR **C** , AS REQUIRED
 - TEST LEVEL 2 (TL2) OR TEST LEVEL 3 (TL3), AS REQUIRED.
 - △ EITHER **M** MEDIUM, OR **W** WIDE, OR **S** SPECIAL WIDE UNITS
- 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. THE CROSS SLOPE ON THE PAD OR PAVEMENT SHALL BE PER MANUFACTURER SPECIFICATIONS.
- 7. WHEN INSTALLED ON A STRUCTURE, DETAILS FOR ANCHORAGE SHALL BE DEVELOPED AND SHOWN ELSEWHERE ON THE PLANS .
- 8. SPECIAL WIDTH UNITS ARE AVAILABLE FROM THE MANUFACTURERS. WHEN SPECIAL WIDE UNITS ARE REQUIRED DETAILS OF THE UNIT SHALL BE DEVELOPED AND SHOWN ELSEWHERE ON THE PLANS.
- ⑨ 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.
- 10. CONCRETE PAD AND BELOW GRADE ANCHOR SHALL BE PLACED MONOLITHICALLY.
- ⑪ END SHOE MAY BE ELIMINATED WITH ONE WAY TRAFFIC.
- 12. THE CRASH CUSHION TYPE VII MAY ALSO BE UTILIZED FOR TEMPORARY USE AND CONSTRUCTION ZONES (CLASS BT).
- 13. A CRASH CUSHION TYPE VII CLASS B IS TO BE USED IN AREAS WHERE CRASH HISTORY IS NOT KNOWN TO BE SEVERE.
- 14. A CRASH CUSHION TYPE VII CLASS C IS CONSIDERED A SEVERE USE CRASH CUSHION.

ADDITIONAL BID ITEMS AND UNIT TO BID
OBJECT MARKER TYPE 1 (AS REQUIRED)

EACH

CLASS	SPEED (MPH)	ATTENUATOR			SUGGESTED ADT* RANGE (P.C.P.L.) **
		MODEL	PRODUCT NAME	LENGTH	
B	45 & LESS	TL2	3-BAY QUADGUARD M10	12'-0"	UP TO 12,000
	OVER 45	TL3	5-BAY QUADGUARD M10	18'-0"	
C	OVER 45	TL3	SCI100GM	23'-0"	8,000 AND OVER
			QUADGUARD ELITE M10	26'-7"	

* AVERAGE DAILY TRAFFIC
** PASSENGER CARS PER LANE

KENTUCKY DEPARTMENT OF HIGHWAYS	
CRASH CUSHION TYPE VII CLASS B AND C (ONE & TWO DIRECTION)	
STANDARD DRAWING NO. RBE-040-11	
SUBMITTED	DATE
<i>[Signature]</i>	02-26-20
APPROVED	
<i>[Signature]</i>	DATE
ENGINEER	02-26-20