

~ NOTES ~

- ① FOR RIGID PAVEMENT, LONGITUDINAL CONSTRUCTION JOINT WITHOUT TIE BARS IS REQUIRED AND SHALL BE PLACED AT THE LOCATION SHOWN OR MAY BE INSTALLED AT THE CORRESPONDING POINT ON THE OPPOSITE SIDE OF THE BARRIER, AT THE OPTION OF THE CONTRACTOR. IT SHALL BE REQUIRED ON THE LOW SIDE OF A SUPERELEVATED SECTION.
2. 3" RACEWAY (TYPICAL). SEE ELSEWHERE IN THE PLANS FOR LOCATION AND PAYMENT FOR RACEWAY WHEN REQUIRED.
3. FOOTING CAN BE MONOLITHICALLY POURED OR DOWELED WITH 2-#8 X 8" @ 2'-0" SPACING. THE FOOTING IS REQUIRED AT CONCRETE BARRIER ENDS.
- ④ SEE TYPE "A" OR "B" BARRIER DETAIL FOR WALL DIMENSIONS. SEE BRIDGE DRAWINGS FOR TYPE "B", WHEN APPLICABLE.
- ⑤ TRANSVERSE EXPANSION JOINTS SHALL BE INSTALLED PER STANDARD SPECIFICATONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. CONSTRUCT USING CONCRETE CLASS AA WITH A STRENGTH OF 4000 PSI.
7. CONSTRUCT USING EPOXY COATED REINFORCEMENT THROUGHOUT WHEN MEDIAN BARRIER IS INSTALLED ON A STRUCTURE.
- ⑧ REINFORCED END ACHORAGES ARE REQUIRED AT THE ENDS OF CONCRETE BARRIER RUNS. CONSTRUCT THE LAST 10' USING THE END ANCHORAGE DETAIL AS SHOWN HERE. AT EXPANSION JOINTS, CONSTRUCT AN END ANCHORAGE ON BOTH SIDES OF JOINT, WITH A MAX GAP OF 2" FOR THE OPEN JOINT. THE MAX EXPANSION JOINT SPACING SHALL BE 800'. THIS ANCHORAGE IS NOT NEEDED AT CONSTRUCTION JOINTS; PROVIDE DOWEL BAR CONNECTIONS INSTEAD.
- ⑨ WHEN SPLICED, LAP #5 CONTINUOUS BARS 2'-5" MINIMUM. PROVIDE 2" CLEAR COVER TO REINFORCEMENT AT ALL LOCATIONS.
10. THE CONTRACT UNIT PRICE PER LINEAR FOOT FOR CONCRETE MEDIAN BARRIER SHALL BE FULL COMPENSATION FOR ALL MATERIALS (INCLUDING ALL REINFORCING STEEL), EQUIPMENT, LABOR AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.
- ⑪ REINFORCING STIRRUP NOT REQUIRED FOR OFFSETS LESS THAN 1'-0".
- ⑫ ROADBED SURFACES OFFSET (RANGES)
  - 1 1/2" TO 3" - NO ADDITIONAL REINFORCEMENT IS REQUIRED.
  - 3" < 8" - USE 2, #4 BARS AT 3" ABOVE THE LOWER ROADBED SURFACE.
  - 8" ≤ 12" - USE 2, #4 BARS AT 3" ABOVE THE LOWER ROADBED SURFACE AND 2, #4 BARS AT 8" ABOVE THE LOWER ROADBED SURFACE.
  - 12" ≤ 36"- USE 2, #4 BARS AT 3" ABOVE THE LOWER ROADBED SURFACE AND 2, #4 BARS AT EVERY 8" INCREMENT VERTICAL SPACING ABOVE THE FIRST 2 BARS.
- ⑬ CONCRETE OF THE SINGLE SLOPE BARRIER WALL MAY EXTEND INTO PAVEMENT LAYERS FOR CONSTRUCTIBILITY (KEYED-IN). THE CONCRETE QUANTITY PRESENTED IN THE TABLE ON SHEET 006 IS FOR THE TOP OF PAVEMENT OPTION. DEPTH INTO PAVEMENT CAN BE VARIABLE.

BID ITEM AND UNIT TO BID

CONC MEDIAN BARRIER TYPE  TL5 56 IN LF

 A OR B DEPENDING ON LOCATION.

USE WITH CURRENT SHEET, SHEET 006.

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SUBMITTED  04/02/2025  
DATE  
DIVISION DIRECTOR  
APPROVED \_\_\_\_\_  
STATE HIGHWAY ENGINEER

BARRIERS



COMMONWEALTH OF KENTUCKY  
DEPARTMENT OF HIGHWAYS



CONCRETE BARRIER WALLS

SHEET 007: CONCRETE MEDIAN BARRIER TL5 56 IN - NOTES

SEPIA NUMBER  
SEPIA 042