

1. FOR WALLS IN TRANSITION AND SEPARATE SEGMENT WALLS, SEE CURRENT SHEET, SHEET 003, FOR APPROPRIATE BID ITEMS.
2. THE CONTRACT UNIT PRICE PER LINEAR FOOT FOR CONCRETE MEDIAN BARRIER SHALL BE FULL COMPENSATION FOR ALL MATERIALS (INCLUDING THE BASE IN TYPES A AND C AND ALL REINFORCING STEEL), EQUIPMENT, LABOR AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.
- ③ WHEN A CONSTRUCTION JOINT IS USED, DOWEL BARS WILL BE REQUIRED AS SHOWN WITH TYPE B BARRIER. SEE NOTE 5.
- ④ 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. CONSTRUCTION JOINT PERMITTED WHEN FIXED FORMS OR SLIP FORMS ARE USED.
- ⑤ 1" DOWEL BARS SPACED 4'-0" O.C. AND STAGGERED 2'-0".
- ⑥ POLYETHYLENE (6 MILS THICK) BOND BREAKER.
- ⑦ PAVEMENT SHALL BE DRILLED AND BARS GROUTED.
- ⑧ BARS SHALL BE EITHER DRILLED AND GROUTED OR DRIVEN.
- ⑨ 3" RACEWAY (TYPICAL) SEE ELSEWHERE IN THE PLANS FOR LOCATION AND PAYMENT FOR RACEWAY WHEN REQUIRED.
10. CONSTRUCT 42" CONCRETE MEDIAN BARRIER USING CONCRETE CLASS AA WITH A STRENGTH OF 4000PSI.
- ⑪ REINFORCED END ANCHORAGES ARE REQUIRED AT THE ENDS OF CONCRETE BARRIER RUNS. CONSTRUCT THE LAST 15' 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.
- ⑫ BARRIER RUNS WITH ABUTTING VERTICAL SURFACES AT EITHER REQUIRED OR PERMISSIBLE CONSTRUCTION JOINTS ARE TO BE DOWELED TO EACH OTHER BY USE OF 5" DIAMETER BY 18" LONG EPOXY COATED DEFORMED DOWEL BARS. BARS ARE TO BE PLACED AS SHOWN ON THE DOWEL BAR PLACEMENT DETAIL ON SEPIA 018. PROVIDE A 4" CLEARANCE TO BARRIER SURFACES AND TO ANY RACEWAYS. PAYMENT FOR DOWELS IS INCIDENTAL TO THE BID ITEM.
13. CONSTRUCT USING EPOXY COATED REINFORCEMENT THROUGHOUT WHEN MEDIAN BARRIER IS INSTALLED ON A STRUCTURE.

BID ITEMS AND UNIT TO BID

CONC MEDIAN BARRIER TYPE		TL3 42"	LF
 A, B, C, D, OR E DEPENDING ON PAVEMENT TYPE.			

USE WITH CURRENT SHEETS, SHEET 001 AND SHEET 003.

SUBMITTED W. J. Lysan 08-11-2025
DIVISION DIRECTOR DATE

APPROVED Joe Ballinger 08-11-2025
STATE HIGHWAY ENGINEER DATE

BARRIERS

REVISION DATE: 08/11/2025
REVISION NUMBER: 0



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

CONCRETE BARRIER WALLS

SHEET 002: CONCRETE MEDIAN BARRIER TL3 42 IN NOTES

STANDARD DRAWING NUMBER
RBM-135