

NEW RIGID PAVEMENT

NEW FLEXIBLE PAVEMENT

NEW FLEXIBLE OVERLAY OVER EXISTING RIGID PAVEMENT

NEW FLEXIBLE OVERLAY OVER EXISTING FLEXIBLE PAVEMENT

~ NOTES ~

THE BID ITEM SHALL BE: CONCRETE MEDIAN BARRIER TYPE ⊕ ⊕

⊕ 9, 12, OR 14 DEPENDING ON W

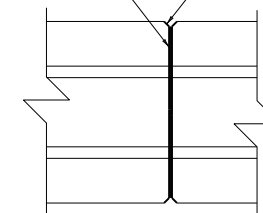
⊕ A, B, C, D, OR E DEPENDING ON PAVEMENT TYPE.

FOR WALLS IN TRANSITION AND SEPARATE SEGMENT WALLS SEE CURRENT STD. DWG. RBM-015 FOR APPROPRIATE BID ITEMS.

THE CONTRACT UNIT PRICE PER LINEAR FOOT FOR CONCRETE MEDIAN BARRIER INCLUDING THE BASE IN TYPES A AND C SHALL BE FULL COMPENSATION FOR ALL MATERIALS, EQUIPMENT, LABOR AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

- ① WHEN A CONSTRUCTION JOINT IS USED, DOWEL BARS WILL BE REQUIRED AS SHOWN WITH TYPE 9B, 12B, OR 14B BARRIER.
- ② 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.
- ③ NO. 8 DOWEL BARS SPACED 4'-0" O.C. AND STAGGERED 2'-0".
- ④ CONSTRUCTION JOINT PERMITTED WHEN FIXED FORMS OR SLIP FORMS ARE USED.
- ⑤ POLYETHYLENE (6 MILS THICK) BOND BREAKER.
- ⑥ PAVEMENT SHALL BE DRILLED AND BARS GROUTED.
- ⑦ BARS SHALL BE EITHER DRILLED AND GROUTED OR DRIVEN.
- ⑧ 3" RACEWAY (TYPICAL) SEE ELSEWHERE IN THE PLANS FOR LOCATION AND PAYMENT FOR RACEWAY WHEN REQUIRED.

1/2" EXPANSION JOINT MATERIAL
7/8" BEVEL



EXPANSION JOINT DETAIL

APPROXIMATE QUANTITIES PER LINEAR FOOT

TYPE	CONC. - CU. YD.			STEEL - POUNDS		
	(W)					
	9"	12"	14"	9"	12"	14"
A	0.18	0.20	0.21	▲ 1.34	▲ 1.34	▲ 1.34
B	0.13	0.15	0.16	1.34	1.34	1.34
C	0.18	0.20	0.21	▲ 1.34	▲ 1.34	▲ 1.34
D	0.14	0.16	0.17	0.67	0.67	0.67
E	0.14	0.16	0.17	1.34	1.34	1.34

▲ WHEN REQUIRED

CONCRETE QUANTITIES SHOWN INCLUDE 8" BASE THICKNESS FOR TYPE A, BUT DO NOT INCLUDE QUANTITIES NECESSARY FOR ASPHALT OVERLAY THICKNESS SHOWN FOR TYPE D AND E.

KENTUCKY
DEPARTMENT OF HIGHWAYS

CONCRETE MEDIAN BARRIER
FIXED-FORM OR SLIP-FORM
(PERMANENT)

STANDARD DRAWING NO. RBM-001-09

SUBMITTED: *Ben W. Stang* DIRECTOR DIVISION OF DESIGN 12-2-02 DATE
APPROVED: *J. M. Yourell* STATE HIGHWAY ENGINEER 12-2-02 DATE