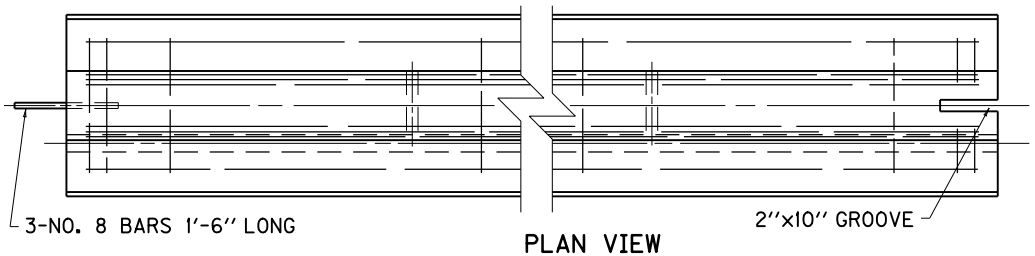
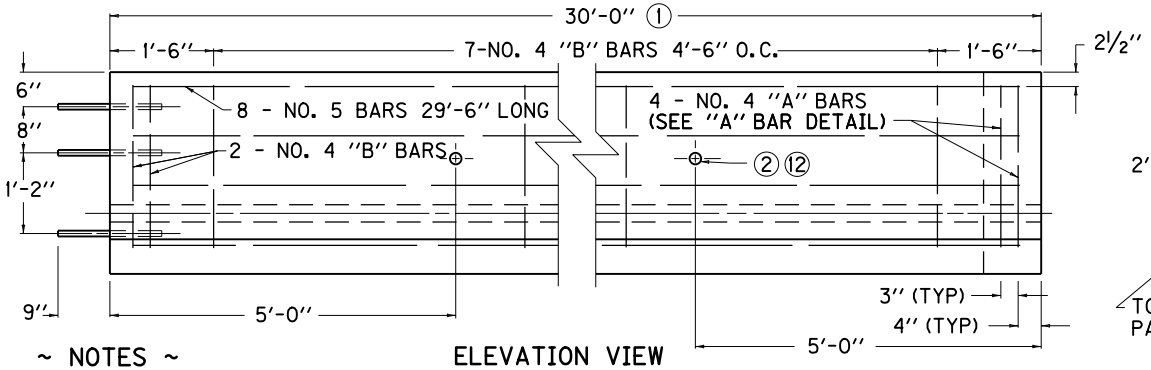
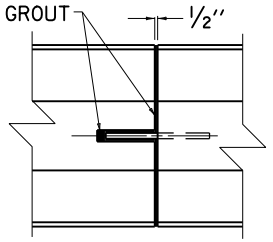


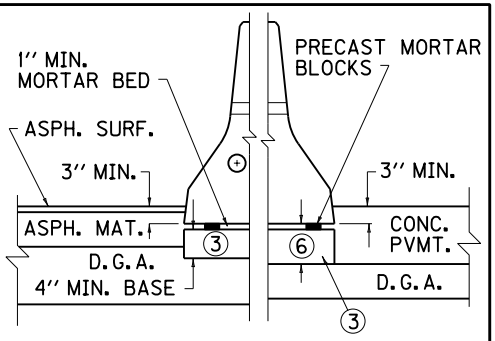

PLAN VIEW



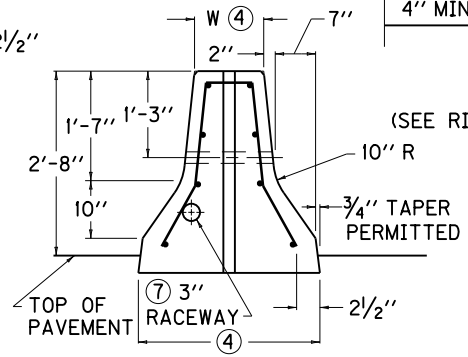

ELEVATION VIEW



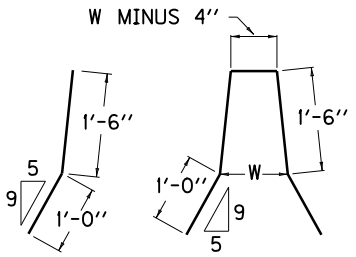

CONNECTION DETAIL




PAVEMENT DETAIL ⑤
(SEE RIGHT ELEVATION FOR DIMENSIONS)

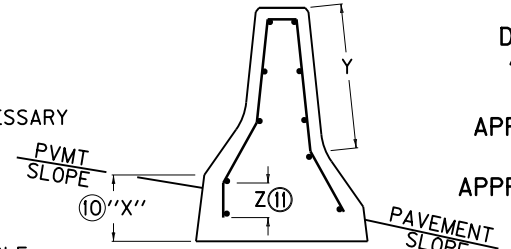



RIGHT ELEVATION VIEW




DETAIL OF "A" BAR

DETAIL OF "B" BAR




STEEL PLACEMENT FOR
ASYMMETRICAL WALL SECTION

## ~ NOTES ~

BID ITEM AND UNIT TO BID:

A. CONCRETE MEDIAN BARRIER TYPE ⊕ ⊕ .

⊕ 9 OR 12 OR 14 DEPENDING ON W.

⊕ A OR C DEPENDING ON PAVEMENT TYPE (SEE CUR. STD. DWG. RBM-001 FOR TYPE).

B. WITH FLEXIBLE PAVEMENT THE CONTRACT UNIT PRICE PER LINEAR FOOT SHALL INCLUDE THE BASE, ALL CONCRETE, LABOR, REINFORCING STEEL AND ALL OTHER INCIDENTALS NECESSARY TO COMPLETE THE PERMANENT INSTALLATION.

C. WITH RIGID PAVEMENT THE CONTRACT UNIT PRICE PER LINEAR FOOT SHALL INCLUDE, THE BASE, ALL CONCRETE, LABOR, REINFORCING STEEL AND ALL OTHER INCIDENTALS NECESSARY TO COMPLETE THE PERMANENT INSTALLATION.

FOR ILLUSTRATION PURPOSES, THE PAVEMENT DETAIL ABOVE DEPICTS THE INSTALLATION OF A CONCRETE MEDIAN BARRIER (PRECAST) WITH NEW RIGID PAVEMENT ON ONE SIDE AND NEW FLEXIBLE PAVEMENT ON THE OPPOSITE SIDE (SEE PLANS FOR APPLICABLE PAVEMENT DESIGN).

① SHORTER SECTIONS MAY BE PERMITTED IF APPROVED IN WRITING BY THE ENGINEER.

② 2" DIA. LIFTING HOLE - 2 REQUIRED EACH SECTION. FORMED WITH 2" P.V.C. PIPE OR EQUAL.

③ SEE ELSEWHERE IN THE PLANS FOR BASE REQUIREMENTS.

④ 9" WIDE TOP WITH 2'-3" WIDE BASE, OR 12" WIDE TOP WITH 2'-6" WIDE BASE OR 14" WIDE TOP 2'-8" WIDE BASE. (TAPER NOT INCLUDED IN BASE WIDTH).

⑤ OTHER METHODS OF ANCHORAGE WILL BE ACCEPTABLE IF APPROVED IN WRITING BY THE ENGINEER.

⑥ PAVEMENT THICKNESS MINUS 3".

⑦ THE RACEWAY SHALL BE TIED TO EACH OF THE "A" AND "B" BARS TO PREVENT SAG. SEE ELSEWHERE IN THE PLANS FOR SIZE, LOCATION, AND PAYMENT FOR RACEWAY WHEN REQUIRED.

8. PLACE ALL STEEL REINFORCEMENT A CLEAR DISTANCE OF 2" MIN. FROM OUTSIDE FACE OF WALL, EXCEPT WHERE SHOWN OTHERWISE.

9. SHOP DRAWINGS SHALL BE APPROVED PRIOR TO MANUFACTURE.

⑩ WHEN THE "X" DIMENSION EQUALS 10" THE BAR SHALL BE TURNED DOWN 6" ("Z" DIMENSION) AND AN ADDITIONAL LONGITUDINAL BAR SHALL BE ADDED AT THE BOTTOM OF THE TURN DOWN ("Z" DIMENSION) AND TO THE "Y" PORTION OF THE BAR. FOR EACH 6" INCREMENT OF THE "X" DIMENSION ABOVE 10", AN ADDITIONAL LONGITUDINAL BAR SHALL BE ADDED IN THE "Z" AND "Y" PORTION OF THE BAR.

⑪ THE "Z" DIMENSION SHALL INCREASE INCH FOR INCH WHEN THE "X" DIMENSION EXCEEDS 10".

⑫ LIFTING BARS SHALL BE REQUIRED TO PREVENT SPALLING OF CONCRETE AROUND HOLES.

13. WHEN THE PRECAST WALL IS USED IN PERMANENT CONSTRUCTION THE LIFTING HOLES SHALL BE FILLED WITH GROUT.

APPROX. REINF./30' SECTION
289 LBS.

APPROX. CU. YD. CONC./LIN. FT.
9" WIDE TOP = 0.16
12" WIDE TOP = 0.18
14" WIDE TOP = 0.20

APPROX. WEIGHT/30' SECTION
BASED ON 150 LBS./CU. FT
9" WIDE TOP = 9.8 TONS
12" WIDE TOP = 11.1 TONS
14" WIDE TOP = 12.1 TONS

USE WITH CUR. STD. DWG.
RBM-001

KENTUCKY
DEPARTMENT OF HIGHWAYS

# CONCRETE MEDIAN BARRIER PRECAST (PERMANENT)

STANDARD DRAWING NO. RBM-003-10

SUBMITTED _____ DIRECTOR DIVISION OF DESIGN 12-2-02 DATE

APPROVED _____ STATE HIGHWAY ENGINEER 12-2-02 DATE