NOTES:

1. See Standard Drawings E 708- BC9R-01 or 02 for concrete railing details.
2. Location of transverse joints in reinforced concrete moment slab and railing shall be the same.
3. See Standard Drawing E 708-BRRW-05 for the plan view and additional vertical reinforcing steel in the reinforced concrete railing at the railing joints.
4. Increased depth for moment slab thickness greater than 15".
5. Thickness of reinforced concrete moment slab shall be a 12" minimum.
6. The details shown on this drawing shall be used within the limits of MSE wall only.
7. Thickness of drainage layer shall be equal to combined thickness of the first two lifts of HMA but not less than 6".

RAILING AND MOMENT SLAB ON MSE WALL - HMA PAVEMENT

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Rear face of MSE wall

Reinforced concrete moment slab pay limits

B = Reinforced concrete moment slab design width.
B = 8'-0" or shoulder width, whichever is greater.

Cast in place concrete railing

Monolithic coping

2' min. 15' max.

2'-0 for up to 1'f slab

1'+' slab thickness

45' chamber

4'4'

Ground reinforcement

Coarse aggregate #8

#6@ 9'

#8@ 12'

Dowels bars see plan view

3'-0'

2'-0'

3'-0'

2'-0'

Subgrade line

MSE Wall pavement

HMA pavement

INDIANA DEPARTMENT OF TRANSPORTATION

RAILING AND MOMENT SLAB ON MSE WALL - HMA PAVEMENT

SEPTEMBER 2006

STANDARD DRAWING NO. E 708-BRRW-04

Rear face of MSE wall

1" expanded polystyrene

Structure backfill

Front face of MSE wall

13'/8" cir.

2'-0'

8'/6" (HMA)

2'-0'

4'-0"