NOTES:

1. See Standard Drawings 708-BCR-01 or 02 for concrete railing details.

2. Location of transverse joints in reinforced concrete moment slab and railing shall be same as in adjoining PCPP.

3. See Standard Drawing 708-BCR-03 for 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 375.

5. Thickness of reinforced concrete moment slab shall match that of adjoining PCPP, but not less than a 300 minimum.

6. The detail shown on this drawing shall be used within the limits of MSE wall only.

RAILING AND MOMENT SLAB ON MSE WALL - PCPP

INDIANA DEPARTMENT OF TRANSPORTATION

RAILING AND MOMENT SLAB ON MSE WALL - PCPP
SEPTEMBER 2006

STANDARD DRAWING NO. 708-BCR-03

INSTRUCTIONS TO CONSTRUCTION

For further information, contact:

S.E. 316 @ 225

Structure backfill

25 expanded polystyrene

Front face of MSE wall

45° chamfer
course aggregate #6

Rear face of MSE wall

50 cir.

50 m.

37 cir.

30 cir.

20 m.

5 cir.

PCCP

Subbase for PCPP

tie bars see plan view 3

tie bars see plan view 3

2.4 m or shoulder width, whichever is greater.

B = Reinforced concrete moment slab design width.

50

Case in place concrete milling

Monolithic coping

600 for up to 375 slabs

600 + slab thickness

600 + slab thickness