Leveling concrete is required when adjacent top panels do not provide a continuous surface on which to place the precast coping, e.g., stepped panels or rectangular panels on a sloping grade. Leveling concrete is not required when custom top panels provide a surface parallel to the finished grade.

Use only when leveling concrete is required.

NOTES:

1. Precast coping unit length shall be 10'-0".
2. Reinforcing bar size, length, and spacing shall be determined by the manufacturer.
3. All chamfered edges shall be 3/4".
4. See Standard Drawing E 703-BRST-01 for reinforcing bar bending details and notes.
5. Leveling concrete is required when adjacent top panels do not provide a continuous surface on which to place the precast coping, e.g., stepped panels or rectangular panels on a sloping grade.
6. Use only when leveling concrete is required.
Front face of MSE wall

Rear face of MSE wall

4" min.

2" cl.

#4 (typ.)

TYPICAL SECTION

#4 Bent Bar at location of #4 bar in wall panel

#4 (typ.) parallel to top of panel

#4 Bent Bar at location of #4 bar in wall panel

1 1/2" cl.

sides

2" cl.

Panel thickness plus 4"

Panel thickness

Top edge

Bottom edge

Front face of MSE wall

Rear face of MSE wall

NOTES

1. Coping joints shall coincide approximately with the panel joints. Reinforcing bars' ends shall be 2" short of near side of each joint.

2. The front face of a cast-in-place coping shall match the front face of a precast coping where used in conjunction.

3. All chamfered edges shall be 3/4".


Panel thickness

#4 BENT BAR

ININDIANA DEPARTMENT OF TRANSPORTATION
MSE WALL
CAST-IN-PLACE CONCRETE COPING
SEPTEMBER 2012

STANDARD DRAWING NO. E 731-MSEW-02

/s/ Richard L. VanCleave 09/04/12
SUPERVISOR, ROADWAY STANDARDS DATE

/s/ Mark A. Miller 09/04/12
CHIEF ENGINEER DATE

STATE OF INDIANA
REGISTERED PROFESSIONAL ENGINEER
No. 9750
STATE OF

09/04/12
DATE
NOTES

1. Coping joints shall coincide approximately with the panel joints.
   Reinforcing bars’ ends shall be 2' short of near side of each joint.

2. The front face of a cast-in-place coping shall match the front face of a precast coping where used in conjunction.

3. All chamfered edges shall be 3/4'.


INDIANA DEPARTMENT OF TRANSPORTATION
MSE WALL
CAST-IN-PLACE CONCRETE COPING
WITH PEDESTRIAN FENCE
SEPTEMBER 2012

STANDARD DRAWING NO. E 731-MSEW-03

/\Richard L. Van Cleave 09/04/12
SUPERVISOR, ROADWAY STANDARDS DATE

/\Mark A. Miller 09/04/12
CHIEF ENGINEER DATE