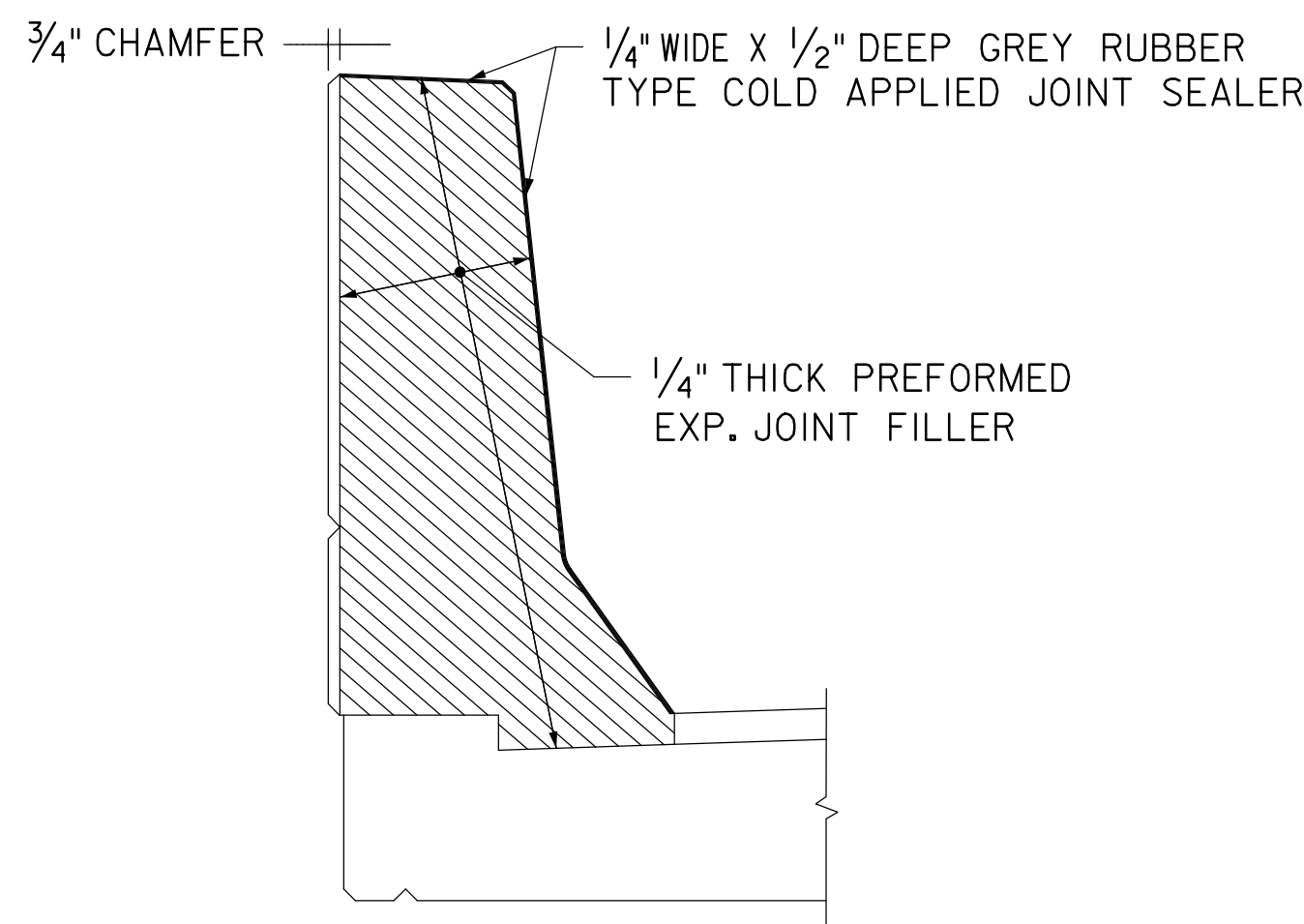




The image contains two technical drawings of vertical joints in a wall, showing cross-sections of masonry piers and the joints between them.

Left Drawing: INTERMEDIATE JOINT

- Top left: $\frac{3}{4}$ " CHAMFER, EACH FACE (with an arrow pointing to the top edge of the left pier).
- Top center: $\frac{1}{4}$ " EXP. JOINT (with an arrow pointing to the joint between the top courses).
- Middle left: $\frac{3}{4}$ " CHAMFER, OUTSIDE FACE (with an arrow pointing to the outer edge of the left pier).
- Bottom left: $1\frac{1}{2}" \times \frac{3}{4}"$ DEEP GROOVE (with an arrow pointing to the groove at the base of the left pier).
- Bottom right: $\frac{3}{4}"$ CHAMFER (with an arrow pointing to the bottom edge of the right pier).

Right Drawing: OPEN JOINT AT PIERS

- Top right: OPEN JOINT (1" MIN. SEE PLANS) (with an arrow pointing to the joint between the top courses).
- Middle left: $\frac{3}{4}"$ CHAMFER, EACH FACE (with an arrow pointing to the edge of the left pier).
- Middle right: OPEN JOINT (with an arrow pointing to the joint between the piers).
- Bottom left: $\frac{3}{4}"$ CHAMFER (with an arrow pointing to the bottom edge of the left pier).
- Bottom right: $\frac{3}{4}"$ CHAMFER (with an arrow pointing to the bottom edge of the right pier).

Both drawings show a central vertical joint between two piers, with horizontal lines representing the courses of masonry. The left drawing shows a more complex joint with a deep groove at the base, while the right drawing shows a simpler open joint at the piers.

Diagram illustrating the cross-section of a parapet wall. The diagram shows the height and vertical face transitions, with a note indicating to see Note 3. The height dimension is labeled as 2'-7 1/8". The diagram also shows the centerline of conduits (CL CONDUITS) and a 5' vertical curve. The final slope line is indicated, and a note refers to Note 4. The diagram shows an open joint in the upper portion of the parapet, with a note indicating it is the same as in the parapet below.

Diagram illustrating the locations and types of joints in a bridge deck:

- 1/4" EXP. JOINT IN PARAPET @ 15'±**: Indicated by a vertical line and dimension line at the top of the parapet.
- TOP OF ROADWAY**: Indicated by a horizontal line and dimension line at the top of the deck.
- INTERMEDIATE JOINT**: Indicated by a vertical line and dimension line between two spans.
- OPEN JOINT AT PIER OR ABUTMENT**: Indicated by a vertical line and dimension line at the end of a span.

**FOR CONCRETE CLASS,
SEE SPECIFICATIONS**

3/4" CHAMFER, TYP.

2 1/2" CLEAR

#5 BARS SPACED AS SHOWN

1 1/2" DEEP GROOVE

CL CONDUITS (SEE NOTE 5)

#5 @ 10"

1'-6"

1'-0"

1'-0"

1'-6"

1"-0"

3/4" CHAMFER

1"

5 1/2"

3 1/2"

10"

2" MIN.

1'-6"

12

1'-0"

3 3/8"

7"

1/4"

2" CLEAR

10" R OPTIONAL

3 1/2"

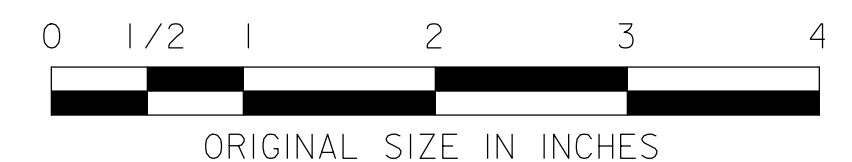
10"

COAT SURFACES WITH CONCRETE PENETRATING SEALER TREATMENT AS PER PLANS (NOT REQUIRED FOR HPC)

#5 @ 10"

1. ALL REINFORCEMENT STEEL IN BARRIER PARAPETS ON BRIDGES, WINGWALLS AND RETAINING WALLS SHALL BE GALVANIZED UNLESS OTHERWISE NOTED IN THE CONTRACT PLANS.
2. JOINTS SHALL BE NORMAL TO GRADE.
3. SEE STANDARD DRAWING GR-13 FOR DETAILS ON TYPE A AND B CONNECTION OF GUIDE RAIL TO PARAPET.
4. CONDUITS TO EXIT WINGWALL END BELOW GRADE. FOR MORE DETAILS, SEE STANDARD DRAWING E-24.
5. CONDUIT LOCATIONS IN PARAPET ARE SUGGESTED, ACTUAL LOCATIONS AS SHOWN ON THE CONTRACT PLANS.

MASH TL-5



NEW JERSEY TURNPIKE AUTHORITY
NEW JERSEY TURNPIKE
GARDEN STATE PARKWAY
 STANDARD DRAWINGS

BARRIER PARAPET DETAILS

OFFICE OF THE CHIEF ENGINEER
NEW JERSEY TURNPIKE AUTHORITY
WOODBIDGE, NEW JERSEY

STANDARD DRAWING

BR-7

1	REVISED; CONFORMS TO 2019 DESIGN MANUAL AND MINOR REVISIONS	10/22
0	REISSUED DRAWING	07/21
REV.	DESCRIPTION	DATE