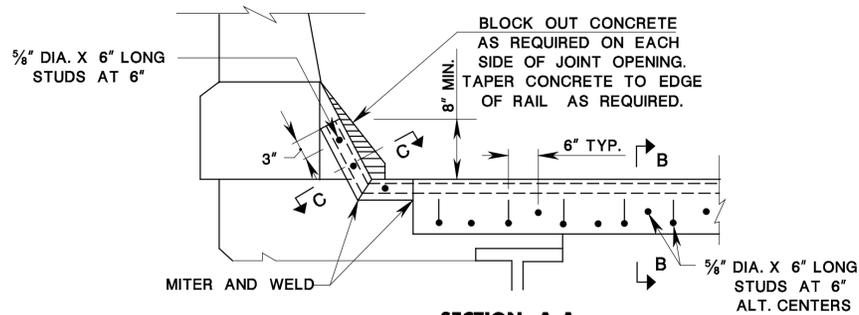
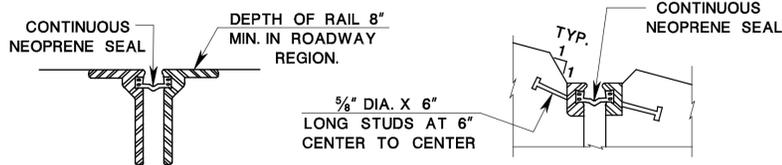


PARAPET PLAN FOR SKEWS  $\geq 30^\circ$



SECTION A-A



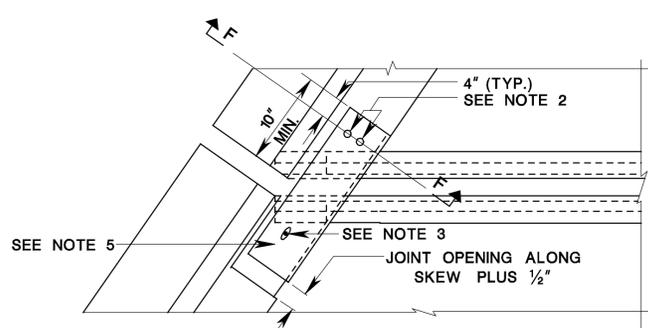
SECTION B-B

SECTION C-C

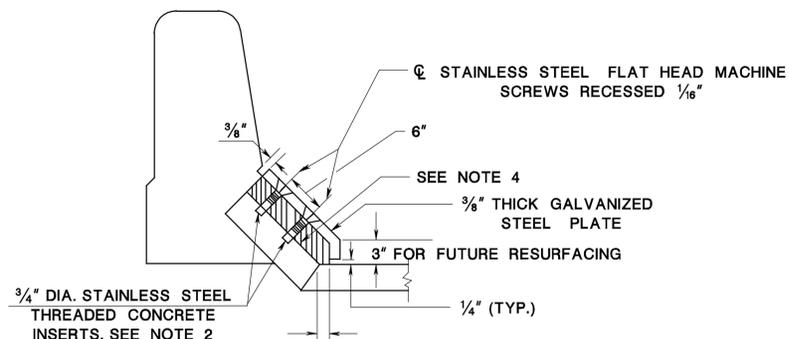
NOTES:

- 1 THE DETAIL ABOVE IS INTENDED AS A GENERAL GUIDE TO A TYPICAL GLANDULAR TYPE STRIP SEAL SYSTEM. VARIATIONS TO THE GLAND SHAPE, RAIL SHAPE, STUD ARRANGEMENT, AND SUPPORT DETAILS SHALL BE SUBMITTED ACCORDING TO THE NJDOT WORKING DRAWING SPECIFICATIONS.
- 2 DETAILS FOR MEDIAN BARRIER ARE SIMILAR.
- 3 THE JOINT OPENING IN THE PARAPET SHALL BE PARALLEL TO THE SKEW FOR SKEWS LESS THAN 30 DEGREES.

BCD-507-1.1



PARAPET PLAN

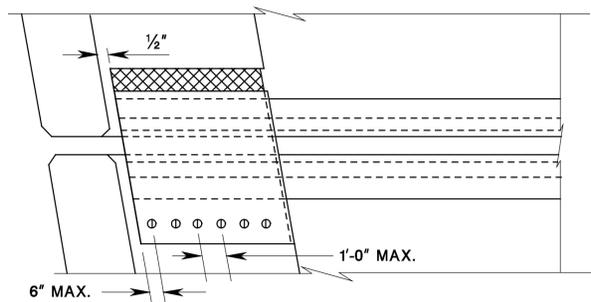


SECTION F-F

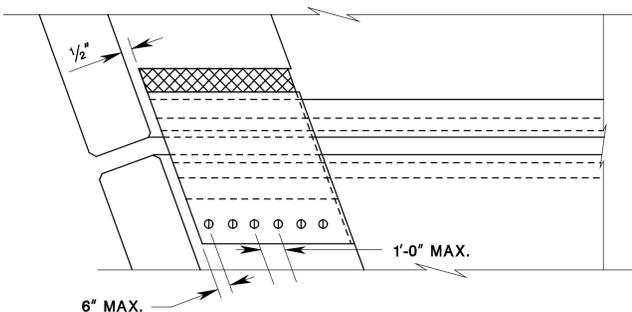
NOTES:

- 1 THE DETAIL ABOVE IS INTENDED AS A GENERAL GUIDE TO A TYPICAL GLANDULAR TYPE STRIP SEAL SYSTEM. VARIATIONS TO THE GLAND SHAPE, RAIL SHAPE, STUD ARRANGEMENT, AND SUPPORT DETAILS SHALL BE SUBMITTED ACCORDING TO THE NJDOT WORKING DRAWING SPECIFICATIONS.
- 2 2 - 3/4" DIA. X 1 1/2" STAINLESS STEEL FLAT HEAD MACHINE SCREWS WITH 2 - 3/4" DIA. CAST-IN-PLACE STAINLESS STEEL THREADED CONCRETE INSERTS. RECESS 1/16" BELOW PLATE SURFACE.
- 3 1" X 5" SLOTTED HOLE FOR SKEWS TO 45°; 1" X 6" SLOTTED HOLE FOR SKEWS OVER 45°. HOLE SLOTTED PARALLEL TO DIRECTION OF MOVEMENT WITH 1 - 3/4" X 1 1/2" STAINLESS STEEL FLAT HEAD MACHINE SCREW RECESSED 1/16" BELOW PLATE SURFACE IN 3/4" CAST-IN-PLACE STAINLESS STEEL THREADED CONCRETE INSERT. DO NOT OVER TIGHTEN MACHINE SCREWS.
- 4 BLOCK OUT CONCRETE AS REQUIRED ABOVE JOINT OPENING.
- 5 3/8" THICK BY 1'-2" WIDE X (2'-0" LONG FOR SKEWS TO 45° AND 3'-0" LONG FOR SKEWS LARGER THAN 45°) GRADE 36 GALVANIZED STEEL PLATE BENT WITH HOLES AS SHOWN.

BCD-507-1.2

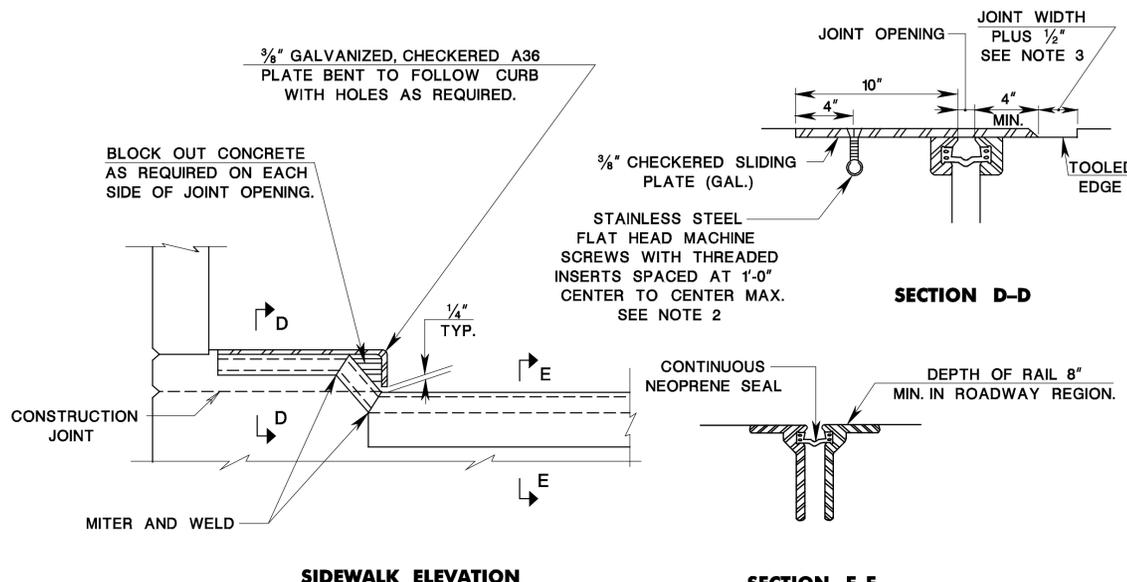


SIDEWALK PLAN SKEW  $< 15^\circ$



SIDEWALK PLAN SKEW  $\geq 15^\circ$

BCD-507-1.4



SIDEWALK ELEVATION

SECTION D-D

NOTES:

- 1 THE DETAIL SHOWN HERE IS INTENDED AS A GENERAL GUIDE TO A TYPICAL GLANDULAR TYPE STRIP SEAL SYSTEM. VARIATIONS TO THE GLAND SHAPE, RAIL SHAPE, STUD ARRANGEMENT, AND SUPPORT DETAILS SHALL BE SUBMITTED ACCORDING TO THE NJDOT WORKING DRAWING SPECIFICATIONS.
- 2 3/4" DIA. X 1 1/2" STAINLESS STEEL FLAT HEAD MACHINE SCREWS WITH 3/4" DIA. CAST-IN-PLACE STAINLESS STEEL THREADED CONCRETE INSERTS. RECESS 1/16" BELOW PLATE SURFACE.
- 3 UPON COMPLETION, FILL JOINT OPENING WITH A LOW MODULUS SILICON RUBBER JOINT SEALER CONFORMING TO ASTM D 5893 WITH A MIN. ULTIMATE ELONGATION OF 1200 PERCENT. THE JOINT FILLER SHALL MATCH THE COLOR OF THE CONCRETE.

STRIP SEAL DECK JOINTS

N.T.S.

BCD-507-1

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
BUREAU OF STRUCTURAL ENGINEERING

BRIDGE CONSTRUCTION DETAILS

BCD-507-1.5