COMPRESSION SEAL DETAIL

NOTES:
1. Preformed elastic joint sealers (compression seals) shall be installed in a continuous length over the entire width of the superstructure and, with no gaps permitted. Special lubricated adhesives shall be used for installation and permanent adherence to joint sides. (see Subsection 907.6).1
2. Channels, plates, continuous bars and other steel material of the deck joints shall conform to ASTM A36 or A588 and shall be galvanized after fabrication in accordance with Subsection 909.11.
3. Channels and 3 5/8" x 6" shall be fabricated and erected as to be normal to the finished roadway grade.
4. In lieu of continuous bar, 5/8" @ 1 3/4" (length after cut). Automatic and welded non-thorough-bolted studs may be used. The studs shall be uniformly spaced @ 4' on centers on opposing channels and shall be installed prior to grouting.
5. For bridge deck housing no overflow, slab edge channel (C1030) shall be C183.75.
6. Details shown on this sheet apply to bridge decks overlaid either with 3/4" Asphalt Concrete Bridge Surfacing (ABC) or 5/8" (plus Modified Concrete (MC)). ABC decks include membranes waterproofing.
7. Headstock portions of abutment backwall shall be Class "A" concrete and placed after deck concrete.
8. Details at joints in median barrier are similar to those at parapets.

THIS DRAWING FOR REFERENCE ONLY
DECK JOINTS FOR NEW CONSTRUCTION SHALL CONFORM TO NJDA STANDARD DRAWINGS BR-13 & BR-14

SECTION C-C

SPAN WITH ABCS

Failure of anchor bolts, the anchor bolts shall be extended to C1030 as shown in Section C-C.

NOTE C:
Concrete to be placed to conform with roadway profile grade.

SPAN WITH LMC

SECTION B-B

NOTE A:
For decks with ABCS, construct headstock adjacent to C1030 as shown in Section C-C.

NOTE B:
Concrete to be placed to conform with roadway profile grade.

NEW JERSEY TURNPIKE AUTHORITY
NEW JERSEY TURNPIKE

CONSTRUCTION SEAL DECK JOINTS

STATE OF THE ART ENGINEERING
WILLIAMSTOWN, NEW JERSEY

1987 STANDARD DRAWING

BR-3

11/29/87

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