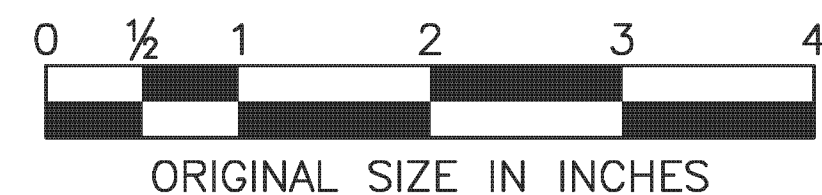


## NOTES

1. Lighting standards, junction boxes, mounting blisters and conduits shall be installed in the quantity and type at locations shown on the Contract Plans. See Standard Drawing BR-15 for constructing lighting blisters and Standard Drawing E-14 for constructing Type D Junction Boxes.
2. Conduit, unless noted otherwise on this drawing, shall be of the size and type as specified on the Contract Plans.
3. See Standard Drawing E-13 for Junction Box Type C details (Ground rod required but not shown).
4. Refer to Detail 1 and 2 on this drawing for selecting the proper conduit installation where deck joints exist in the superstructure.
5. Additional conduits, piping, and hangers shall be coordinated with the Contract Plans for other utilities such as gas, water, and communications.
6. Conduit(s) shall be sloped towards junction boxes or manholes, to maintain positive drainage, and sized as shown on the Contract Plans.
7. Where modular deck joints are used, liquid-tight flexible metallic conduit (LFMC) shall be installed at a maximum length of 6'-0". Contractor shall install all necessary conduit couplings and fittings to secure conduit at both ends to concrete encased conduits. Drill  $\frac{1}{4}"$  weep holes in underside of LMFC at the lowest point in conduit bend.
8. This drawing shall be applicable for both modular and non-modular type joints between bridge decks and abutments.
9. The maximum bend radius of conduits shall be for the specified size and type as shown on the Contract Plans.
10. The maximum distance between junction boxes shall be 250'-0". Type D Junction Boxes shall only be installed where required on the Contract Plans. Where a Type D Junction Box is not required conduit shall continue across bridge as shown on the Contract Plans.
11. Guiderail and guiderail connection to barrier parapet not shown for clarity. Coordinate installation of guiderail as shown on the Contract Plans and in accordance with the GR Standard Drawings.
12. A conduit coupling which can deflect and expand and provide internal continuous grounding, such as O-Z/Gedney Type DX, Crouse-Hinds Type XD, or approved equal, shall be used at strip seal deck joints.

	BY	DATE
MADE	EMG	05/2009
TRACED	MDC	05/2009
CHECKED	EMG	05/2009
SUPERVISED	ALB	05/2009

If you use this DWG:	
You also need	E-13
You may need	BR-15, E-14



1	06/2010	REPLACEMENT DRAWING
0	05/2009	ORIGINAL DRAWING
APP. NO.	DATE	REVISION

NEW JERSEY TURNPIKE AUTHORITY	
<b>NEW JERSEY TURNPIKE</b>	
<b>BRIDGE/WALL INSTALLATION DETAILS</b>	
<b>HNTB</b> 145 RT. 46 WEST, SUITE 400, WAYNE, NJ 07470 - COA# 24GA28000700 <b>ANTHONY L. BARTELLO</b> New Jersey Professional Engineer License No. GE 45842	<b>STANDARD DRAWING</b> <b>E-24</b>