

January 17, 2014

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF TRANSPORTATION
RHODE ISLAND CONTRACT NO. 2014-CB-004

FEDERAL AID PROJECT NO. FAP Nos: BRO-0465(001)

Improvements to I-195
Accelerated Bridge Construction (ABC) of
Bridge No. 465 Replacement
I-195 Ramp (DR-2) over Warren Avenue

CITY/TOWN OF East Providence, Rhode Island

COUNTY OF PROVIDENCE

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 4:

Prospective Bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal, and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

A. General Provisions – Job Specific

1. CODE 800.9920 WARREN AVENUE BRIDGE NO. 465 SUBSTRUCTURE

Delete page JS-65 (R1) in its entirety and replace it with page JS-65 (R2) attached to this Addendum No. 4. This specification has been revised.



RI Department of Transportation
Chief Engineer

4. Provide the Engineer a tentative casting schedule at least two weeks in advance to make inspection and testing arrangements. A similar notification is required for the shipment of units to the project site.
5. Finish the precast elements according to Section 809 of the RI Standard Specifications.
6. The PCE's shall be pre-assembled to assure proper match between members that require grouted splice coupler connections and shall be matched by template between members that require dowel sleeve connections to the satisfaction of the Engineer before shipping to the project site.
7. The bituminous damp-proofing can be applied before shipping the PCE's to the project site.

C. Handling, Storing, and Transportation.

1. Handling and erection bracing requirements shall be in accordance with the contract documents and Chapter 5 of the PCI Design Handbook, latest edition.
2. Dis-assembly of the pre-assembled PCE's shall be in accordance with the applicable sections of the PCE Erection Plan.
3. PCE's damaged during handling and storage will be repaired or replaced at the Engineer's direction at no cost to the Department.
4. PCE's shall be lifted at the designated points by approved lifting devices properly attached to the element and proper hoisting procedures.
5. PCE's shall be protected from freezing temperatures (32°F) for 5 days or until precast concrete attains design compressive strength detailed on the plans, whichever comes first. Do not remove protection any time before the elements attain the specified compressive strength when the surrounding air temperature is below 20°F.

D. Transportation.

1. It shall be the Contractors responsibility to obtain all necessary permits for any oversize/overweight travel per all applicable State regulations. This is in addition to the stipulations and submissions required in this specification.
2. A PCE shall not be transported from the casting yard until the precast concrete attains the minimum 28 day compressive strength specified in accordance with Section 809.
3. A 72-hour notice of the loading and shipping schedule shall be provided to the Department.
4. The Department will inspect for material, quality and condition after delivery to the project site, with this and any previous inspections constituting only partial acceptance.

E. General Procedure for Installation of PCE's.

1. PCE's that require grouted splice coupler connections shall be dry fit pre-assembled prior to transporting to the project site.
2. Establish working points, working lines, benchmark elevations, and survey data at the top of each supporting placement level before placement of all elements. Survey data shall match data provided in the approved PCE shop drawings.
3. Check the condition of the receiving bonding surface before connecting elements and take any necessary measures to remove items such as dust, rust, and debris to provide the satisfactory bonding required between the protruding reinforcing bars element and the grouted couplers.
4. Place PCE's in the sequence and according to the methods outlined in the PCE Erection Plan. Adjust the height of each element by means of leveling devices or shims.

F. Connection Procedure Using Grouted Splice Couplers

1. Refer to Section 810 Reinforcing.