



# CITY OF SALEM, MASSACHUSETTS

## Construction of South River Harborwalk

### BID #K-52

## ADDENDUM #3

July 10, 2009

Enclosed please find the Federal Labor Standards Provision which must be adhered to by the selected bidder.

The following responses all pertain to questions regarding the ACCESS HATCH,  
BID ITEM NUMBER 02495-4:

### **Question 1:**

Please provide a sketch with detailed sizes of access hatches, model numbers, elevation views, sectional views and plan views for the access hatch that we are to install at the base bid landside walkway?

### **Answer 1:**

Please consult the manufacturers' detail drawings of the hatches at [www.bilco.com](http://www.bilco.com)

### **Question 2:**

How many access hatches are we providing?

### **Answer 2:**

Four (4)

### **Question 3:**

Will the existing steel plates stay in place?

### **Answer 3:**

No

### **Question 4:**

Will the existing metal frames stay in place?

**Answer 4:**

Removal or alteration of existing metal frame or concrete frame structures shall be performed as necessary to facilitate installation of new access hatch structures.

**Question 5:**

Will we need to modify the culvert structure?

**Answer 5:**

No alteration of the concrete culvert shall be performed.

**Question 6:**

Will the landside walkway's elevation be affected by this installation?

**Answer 6:**

No. The design intent is to maintain the existing openings for access to the culvert(s) below. The new hatches will be installed flush within the new reinforced concrete walkway to provide a smooth, uninterrupted walking surface. Clear opening dimensions of new hatches shall match clear opening dimensions of existing hatches. Dimensions as stated in Addendum #2 shall be verified by the Contractor.

**Question 7:**

Is the purpose for visual inspection or access?

**Answer 7:**

Both

The following responses all pertain to questions regarding the HELICAL ANCHORS, SECTION 02369 of the Technical Specifications:

**Question 1:**

Can we find out if section 2.01 Helical Anchors relates to sheet 7 helical piers for the walkway?

**Answer 1:**

No, Section 2.01 refers to the Helical Anchors associated with the tiebacks.

**Question 2:**

Also is the 32 kips the working load or ultimate load (includes safety factor of 2)?

**Answer 2:**

**DELETE** the following Section 2.01.A - "Lead sections shall be type SS as manufactured by the A.B. Chance Company of Centralia, Missouri, or equivalent with a load capacity design of 32 kips or greater."

**ADD** the following Section 2.01.A - "Lead sections shall be type SS as manufactured by the A.B. Chance Company of Centralia, Missouri, or equivalent with a load capacity design (working load) of 68 kips."

**Question 3:**

Section 2.02 Helical Foundation Pier Anchors does this refer to the tiebacks?

**Answer 3:**

No, Section 2.02 refers to the Helical Foundation Pier Anchors associated with supporting the timber elevated walkway.

**Question 4:**

Does the 68 kips in section 3.01, c.4 mean working load or ultimate load (includes safety factor of 2).

**Answer 4:**

Working Load

**Question 5:**

Does section 3.01, c.5 mandate that any helical pier not meeting the minimum installation torque and minimum length criteria the maximum length is not to exceed 60 feet in length?

**Answer 5:**

The installation shall be stopped at this point and the Engineer shall be contacted for further direction. Installation beyond 60 feet shall be considered additional work.

**Question 6:**

What is the minimum installation torque for the tieback (Referenced in Section 3.01, c.2)?

**Answer 6:**

7 kip-ft

**In addition:**

**DELETE** the following Section 2.02.A - "The central steel shaft, consisting of lead sections, helical extensions, and plain extensions shall be Type SS (square shaft) or a combination of Types SS and HS as manufactured by the A.B. Chance Company of Centralia, MO or equivalent equal as approved by the Engineer."

**ADD** the following Section 2.02.A - "The central steel shaft, consisting of lead sections, helical extensions, and plain extensions shall be Type SS (square shaft) or a combination of Types SS and HS as manufactured by the A.B. Chance Company of Centralia, MO or equivalent equal with a load capacity design (working load) of 32 kips as approved by the Engineer."