

CONTRACT: SD-2012-03
PROJECT: West Knox Street Culvert Stabilization
DATE: July 26, 2012

STORMWATER SERVICES DIVISION
DEPARTMENT OF PUBLIC WORKS
CITY OF DURHAM, NORTH CAROLINA

DOCUMENT 00 91 13

ADDENDA

ADDENDUM NUMBER 2

DATE: July 26, 2012

PROJECT: West Knox Street Culvert Stabilization

CONTRACT NUMBER: SD-2012-03

OWNER: The City of Durham

ENGINEER: Department of Public Works

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated June 25, 2012 as well as Addendum No. 1 dated July 12, 2012, with amendments and additions noted below.

Acknowledge receipt of this Addendum in the space provided in the Bid form. Failure to do so may disqualify the Bidder.

This Addendum consists of 2 pages with no attachments.

CHANGES TO THE PROJECT MANUAL

DOCUMENT 00 01 10 – TABLE OF CONTENTS

1. Section 00 91 13, Addendum Number 2, is added to the Project Manual.

DOCUMENT 00 11 16 INVITATION TO BID

2. The City of Durham will open sealed formal Bids submitted by prequalified Bidders at 3:00 PM, Wednesday, August 1, 2012 for Contract SD-2012-03, Project: West Knox Street Culvert Stabilization in the Department of Public Works Conference Room, Third Floor, 101 City Hall Plaza, Durham, North Carolina.

DOCUMENT 30 12 00 – SOIL AND STRUCTURE STABILIZATION WITH POLYURETHANE MATERIAL

3. On July 17, 2012 a substitute or “or-equal” application for an alternate process was submitted to the Engineer by Applied Foam Technologies USA, LLC for the portion of the Work covered by this specification section. On July 25, 2012 the Engineer found the alternate process was not qualified as an “or-equal” item or a substitute construction method for this Work.

4. Paragraph 3.2 is replaced with the following text.

3.2 SURFACE CONCRETE REPAIR

A. Overview

1. This work shall consist of repairing the spalled and broken concrete in each of the barrels of the box culvert present at the time of bidding.

B. Construction Requirements

1. Pressure inject vertical structural cracks smaller than a 1/8 of an inch wide.
2. Mechanically chip out concrete around rebar, grind steel clean and install Sika Repair SHA material (or approved equal) over prepared concrete surface.
3. Demolish and remove existing concrete cove on the inside of the culvert to expose the cold joint between the walls and the horizontal floor. Clean, prepare surface, and install new Sikadur Combiflex tape (or approved equal) watertight joint at transitions.
4. Provide an adequate number of new pieces of 1/2-inch rebar, cut out concrete on each side of crack to accommodate the bent pieces of rebar on the overhead crack and vertical walls. Set new rebar in Sikadur 31 two part epoxy (or approved equal), and tool material smooth to existing surfaces.
5. Shear crack repair overhead and down interior walls. Chip out concrete down to a minimum of 2-inches on each side of crack. Install blue board on dirt side of crack to create a backing so material shall not run into cavity above. Install new Sika Repair SHA (or approved equal) into prepared area and tool to match existing concrete.

END OF DOCUMENT