

# **EASTERN**

## **Engineering Supply**

Distribution Department  
9901 Allisonville Rd.  
Fishers, IN 46038  
(317) 598-0661  
Fax: (317) 598-0630

INC.  
WEST LAFAYETTE, IN

**Date:** 01-21-2010

**Attention:** Plan Holder – White River Interceptor Sewer Project-  
Phase 1

**Number of pages transmitted (including the cover page) : 06**

**Comments:** Addendum #1 follows, was emailed from [distribution@easternengineering.com](mailto:distribution@easternengineering.com), and is posted on the View Images page of the job posting at <http://blnplanroom.com> .<br>

**Thank you.**

BLN Proj. No. 081047

**ADDENDUM NO. 2  
TO THE  
BIDDING REQUIREMENTS AND CONTRACT DOCUMENTS  
FOR THE  
WHITE RIVER INTERCEPTOR SEWER PROJECT PHASE I**

**OWNER:** City of Anderson, Indiana

**ISSUED BY/ENGINEER:** Beam, Longest and Neff, L.L.C.  
8126 Castleton Road  
Indianapolis, Indiana 46250

**ISSUED TO:** All Plan and Specifications Holders of Record

**ISSUE DATE:** January 21, 2010

**BID DATE:** January 26, 2010

This Addendum No. 2, consisting of 4 pages, shall clarify, correct, or change the Bidding Requirements or the proposed Contract Documents. This Addendum is a part of the Bidding Requirements and the proposed Contract Documents and shall govern in the performance of the Work.

## 1.1 CONTRACT DOCUMENTS

### A. Project Manual

#### 1. Section 01110 – Summary of the Work

- a. Revise 1.4.A.3. from “Removal of two (2) combined sewer overflow outfall structures and the abandonment of the corresponding pipes to the upstream manhole.” to “Removal of two (2) combined sewer overflow outfall structures and the abandonment of the corresponding pipes to the upstream manhole which shall be done upon installation and acceptance testing of the 72-inch diameter interceptor sewer and all related manholes (standard and special structures).”

#### 2. Section 02530 – Gravity Sanitary Sewerage

- a. Remove 1.1.B.6. “Section 02530 – Sewer Televising for closed-circuit sewer televising.”
- b. Add the following language after 3.7.D:

### F. *In-Situ Deflection Test*

1. *Applicability: Conduct in-situ deflection tests on PVC or other flexible pipe sewers larger than 48-inches in diameter.*
2. *Equipment*

BLN Proj. No. 081047

- a. *Provide a rigid small-diameter rod of a length equal to the manufactured inside diameter of the pipe less the acceptable deflection limits of the pipe.*
    - 1) *Acceptable deflection shall be the lesser of the manufacturers' published deflection standards, the applicable regulatory standards, or the applicable certification agency standards.*
  - b. *Device shall include a level capable of determining level and plumb conditions.*
3. *Procedure*
- a. *Conduct test a minimum of 30 days after the backfill has been placed to final grade.*
  - b. *With Engineer present, conduct in-situ deflection test using the following procedure.*
    - 1) *Spot checks shall occur at the following locations.*
      - a) *One location in each section of pipe.*
      - b) *At locations indicated by Engineer.*
    - 2) *Circumferentially mark an equal distance at the following locations measured from the spigot end of the pipe.*
      - a) *At the springline of the pipe on both sides.*
      - b) *At the crown of the pipe.*
      - c) *At the bottom center of the pipe.*
    - 3) *Place the rod at the locations of the marks at the top and bottom of the pipe and at the spring line of the pipe using the level to confirm level or plumb, as applicable.*
4. *Any pipe that will not allow the rod-type device to be placed level or plumb at the marks in the pipe shall be replaced by the Contractor and retested."*

### 3. Section 02532 – Sewer Televising

- a. Remove Section 02532 - Sewer Televising in its entirety.

### 4. Section 02546 – Sewer Siphons

- a. Add the following language after 1.4.B.1.c and renumber subsequent sections as applicable:

#### 2. Calculations

- a. *Longitudinal tensile stress calculations due to thermal expansion and contraction for HDPE pipe restraint for pipe-to-structure connections and connections to pipes of different materials.*
- b. Revise 2.2.B.1.b. from "Pipe shall be DI OD pipe size." to "Pipe shall be either DI or IPS OD pipe size."
- c. Add the following language after 2.5.C:

#### B. Longitudinal Restraint Fittings

1. *Applicability: HDPE pipe 6-inches (6") and larger in size.*
2. *Longitudinal restraint shall be flexible HDPE saddles designed for attachment to HDPE pipe using the electrofusion method.*

BLN Proj. No. 081047

- a. *Manufactured of pre-blended virgin resin with a PPI listing of PE3408 and in compliance with ASTM D1248 and ASTM D3350.*
  - b. *Minimum axial resistance rating of 7,000 lb-ft per saddle.*
  - d. **Add the following language after 3.1.A**
1. *Provide longitudinal restraint designed to withstand thermal expansion and contraction of pipe at all HDPE pipe connections to structures and pipe of different materials.*

**B. Drawing Sheets**

1. **Sheet 8 – Siphon Plan & Profile STA. 10+00 to STA. 14+59**

d. Drawing 8 of 16 is modified as follows:

- 1) Add note at connection of siphon pipes and special structure – 13. “INSTALL FITTINGS AS REQUIRED TO ENSURE THAT THE SIPHON PIPE ENTERS SPECIAL STRUCTURE – 13 PERPENDICULAR TO THE 72” PIPE WITH ONE FOOT SEPARATION BETWEEN SIPHON PIPES. FIELD CORE SPECIAL STRUCTURE – 13 FOR SIPHON PIPE. CONNECT SIPHON PIPES TO SPECIAL STRUCTURE – 13 WITH “LINK-SEAL” OR EQUAL.”

2. **Sheet 12 – Siphon & Special Structure Details**

d. Drawing 12 of 16 is modified as follows:

- 1) Special Structure Detail – Note “PRECAST MANUFACTURER TO ANCHOR STRUCTURE TO BASE SLAB FOR LATERAL & BUOYANCE FORCES” to be changed to “CONTRACTOR TO ANCHOR STRUCTURE TO BASE SLAB FOR LATERAL & BUOYANCE FORCES”
- 2) Special Structure Details – Add Note as follows: “See PRECAST STRUCTURE BASE, RISER & CAP detail for additional requirements.”
- 3) Special Structure Details Table
  - a) Revise table: STR. No. 11 STR. DIA. to be changed from 10’ to 12’.
  - b) Add Note: “SQUARE PAD TO BE INCREASED FROM 14’ X 14’ TO 16’ X 16’ for STR. No. 11.”

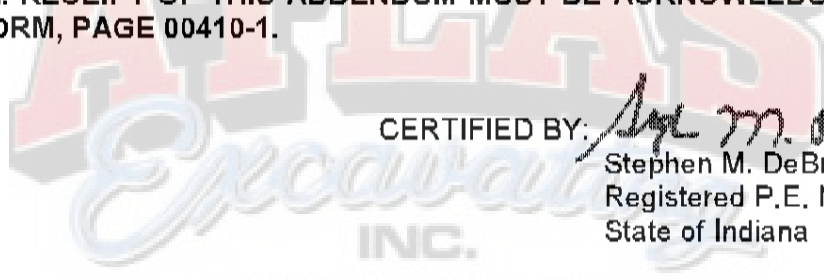
**C. Other Information**

1. **Site Retaining Wall SK-1**

d. Attached with this Addendum is detail drawing Site Retaining Wall SK-1 applicable to the replacement of the concrete wall in Athletic Park.

BLN Proj. No. 081047

Except as modified by this Addendum and other Addenda, the Bidding Requirements and the proposed Contract Documents shall remain unchanged. You will receive no other notification of this Addendum. **RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED IN SECTION 00410 - BID FORM, PAGE 00410-1.**



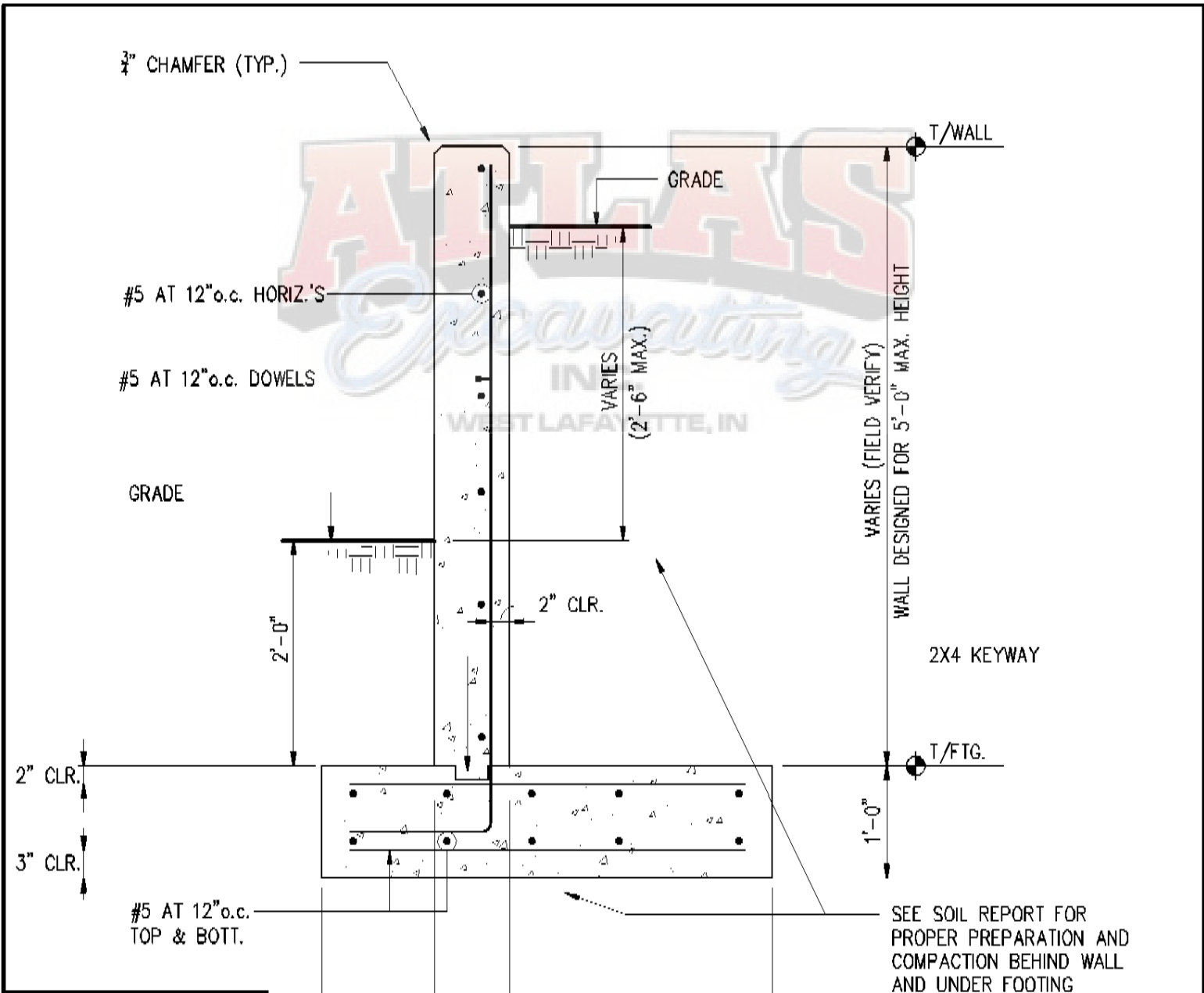
CERTIFIED BY:

*S.M. DeBruler*

Stephen M. DeBruler, P.E.  
Registered P.E. No. 10100298  
State of Indiana

Encls.: Site Retaining Wall SK-1

WEST LAFAYETTE, IN



*Atallah M. Sayegh*  
1/21/2010

SCALE: 3/4" = 1'-0"

DRAWN BY: AMS

DESIGNED BY: AMS

CHECKED BY: AMS

DATE: JAN. 21, 2010

### SITE RETAINING WALL

**ANDERSON WHITE RIVER INTERCEPTOR  
ANDERSON, INDIANA**

**SK-1**