

## ADDENDUM ORDER

ORDER NO. 2

DATE: June 21, 2016

BID DATE: \_\_\_\_\_

NAME OF PROJECT: Grand Avenue Pedestrian Bridge

OWNER: City of Glenwood Springs

ENGINEER: SGM and Pattillo Associates Engineers

The following changes are hereby made to the CONTRACT DOCUMENTS:

The following questions were received by email on June 20, 2016 regarding Project Special Provisions, Revision of Section 503 – Micropiles:

1. 503.02 Paragraph 3 specifies that the Contractor shall assign an Engineer to supervise the work and Contractor shall not use consultants or manufacturers representatives. Does this engineer have to be a PE or may a qualified and experienced Superintendent fulfill this requirement?

**ANSWER: A registered engineer will not be required to supervise the work.**

2. 503.02 Paragraph 5 specifies that load test reports are to be supplied with the project reference list. Is this really required?

**ANSWER: Load test results for previous projects will not be required.**

3. 503.07 Paragraph 9 specifies the number of copies of working drawings to be provided. May an electronic pdf copy be provided to meet this requirement?

**ANSWER: Yes, electronic pdf copies will suffice for working drawing submittal.**

4. 503.08 Paragraph 1 specifies the number of copies of construction submittals to be provided. May an electronic pdf copy be provided to meet this requirement?

**ANSWER: Yes, electronic pdf copies will suffice for construction submittals.**

5. 503.08 Last Paragraph – Please review and clarify. As written, I cannot determine what is required.

**ANSWER: The last paragraph in Section 503.08 is hereby amended as follows:**

***Work shall not begin until the construction submittals have been received, reviewed, and accepted in writing by the Engineer. Provide submittal items a) through e) at least 21 calendar days prior to initiating micropile construction, item g) as the work progresses for each delivery and submittal items f), h) and i) at least 7 days prior to start of micropile load testing or incorporation of the respective materials into the work. The Contractor shall allow the Engineer 7 calendar days to review the construction submittals after a complete set has been received. Additional time required due to incomplete or unacceptable submittals shall not be cause for delay or impact claims. All costs associated with incomplete or unacceptable Contractor submittals shall be the responsibility of the Contractor.***

6. 503.10 The design of the micropiles is to be performed by a Professional Engineer. Their design typically specifies the materials to be used. May this paragraph be deleted?  
**ANSWER: No, this section is intended to provide an overall set of materials from which the Design Engineer can select and specify.**
7. 503.17 This section calls for a second pressure gauge at the point of injection into the pile top. If hollow bar micropiles are installed the grout is place through the center of the bar. Please consider deleting the second pressure gauge.  
**ANSWER: The second pressure gauge will not be required.**
8. 503.21 This section calls for a verification test on the least critical production pile. Do you really want to stress any micropile to 2 times the design load prior to putting in service?  
**ANSWER: If the verification pile successfully passes the verification test and elastically rebounds without excessive permanent elongation, the pile will be considered serviceable.**
9. Micropile verification test acceptance criteria say the pile must have less than ¼" total vertical movement at the top of the pile at 1.0 DL. Micropile proof test acceptance criteria say the pile must have less than ½" total vertical movement at the top of the pile at 1.0 DL. Shouldn't these criteria be the same?  
**ANSWER: The first acceptance criteria for verification load test is hereby modified such that:**  
**1. The pile shall sustain the first tension 1.0 DL test load with no more than ½" total elongation movement at the top of the pile, relative to the position of the top of the pile prior to testing.**

The following question was received on June 21, 2016:

10. There are discrepancies between footing sizes shown for Pier B and Pier C on Sheets 26 and 27 of the Civil Drawings (8' x 16' for each) compared with those shown on Sheet S7 of the Structural Drawings (10' x 18' and 10' x 20', respectively). Which size is correct?  
**ANSWER: The footings for Piers B and C shall be constructed in accordance with the dimensions and details shown on the Structural Drawings. Scour protection details and quantities shall be adjusted accordingly and will be paid in accordance with the unit prices provided by the contractor.**

**ADDENDUM ACKNOWLEDGED BY:**

\_\_\_\_\_ Name

\_\_\_\_\_ Date

**PREPARED BY:**

Robert Pattillo, P.E.,  
 Pattillo Associates Engineers, Inc.  
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**List of Attachments:**

**NONE**