

**ADDENDUM NO.   2   TO THE  
BID SOLICITATION FOR  
PROJECT NO. STP 3301(443)**

**Blue River Trail (Trolley Connector)**

**BID OPENING/PROPOSAL DUE: 2:00 February 20, 2013**

TO ALL PROSPECTIVE BIDDERS/PROPOSERS:

This addendum revises referenced project plans and specifications. Changes are attached.

**Bid Opening:** Bid Opening has been change to 2:00 p.m. on February 20, 2013.

**PLANS**

1. Trail Construction Limits: Trail Segment "A" will not begin construction at the end of the existing Blue River Trail, which has been constructed by previous contract. The Contractor will remove 2 panels from the previously constructed Blue River Trail at station 9+80. A portion of Trail Segment "B" has been constructed by previous contract and will not be included in this project. The following items have been revised for this project:

1. Begin Trail Segment "A" Construction at Station 9+80.00
2. End Trail Segment "B" Construction at Station 101+50.00
3. Delete Storm Line "A" and Erosion Control Mats
4. Delete Storm Line "D" and Erosion Control Mats

**Bid Form Quantities Revised accordingly, see attached**

2. Sheet 28- Remove note on Bridge Abutment Elevation that says New Pre-manufactured Bridge by Other.

**SPECIFICATIONS**

**Question1:** I was curious as to what the handrail on the Trolley – Blue River Connector Trail is supposed to be subsidiary to? There is no bid item for it, but sheet 20 note 7 says "All tools, materials, labor and incidentals necessary to complete the work shall be paid for under the bid item "Handrail". The handrail is to be bid on a per linear foot basis measured from end to end of the handrail."

**Answer Question #1:** All handrail work is subsidiary to the bridge and shall be incorporated into that unit cost.

**Question 2:** I have a question regarding the material decking specification. Can you clarify if Southern yellow pine is the required or can we substitute IPE wood?  
In the materials section D it specs Southern Yellow Pine but then the spec says FEQ-CAH grading rules which involves first export and section H calls for a ten (10) year warranty then states “other types of wood are accepted under this warranty”

**Answer Question#2:** All bridge wood is yellow pine and the specification is attached.

**Question 3:** I am trying to get some clarification on the style or type of post the city is expecting or wanting on the permanent signs for the Trolley-Blue River Connector Trail. They do not give a break down on them and I know the city has used multiple styles of post from the square 1 3/4” Telspar to the 2 3/8” Round. Some are painted and some are galvanized. |

**Answer Question#3:** The sign posts are 1 3/4”x 1 3/4” (14 Gauge) inserted into a 2” x 2” (12 Gauge) anchor assembly as shown on Sheet C5.01, Detail 5 of the plans.

**Question 4:** I am emailing you in regards to the Blue River Trolley Connector Trail project. I am emailing you because there are no landscape or irrigation plans listed to view when I follow the link on the Standard Share website, only grading and/or erosion control plans. Would you be able to verify if landscaping and/or irrigation is bidding, and if so where I might get a copy of the plans/specs? If there is no landscape and/or irrigation or plans at this time, do you anticipate having them before the bid date? I look forward to hearing from you, thank you.

**Answer Question#4:** Project contains no irrigation and no landscaping other than grading and seeding.

**Question 5:** What is the length of the road from E.95<sup>th</sup> St to the Bannister Road Bridge and what size are the culverts for the temporary creek crossing.

**Answer Question#5:** Contractor needs to field measure for exact length. Culverts have not been sized for the temporary crossing.

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**CERTIFICATE BY BIDDER/PROPOSER**

I acknowledge receipt of this Addendum No. \_\_\_\_2\_\_ for Project No. **STP 3301(443)** and that the bid/proposal is in accordance with the information, instructions, and stipulations set forth herein.

By \_\_\_\_\_

Company \_\_\_\_\_

**NOTE: This signed addendum notice must accompany your bid**



# PREMANUFACTURED PED BRIDGE

Project Number STP 3301 (443)

Project Title Trolley - Blue River Connector Trail

## SECTION 05000 PREMANUFACTURED PED BRIDGE

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. These specifications are for a fully engineered clear span bridge of steel construction and shall be regarded as minimum standards for design and construction. These specifications are based on pre-approved products designed and manufactured by **Continental Bridge**; Contech Construction Products Inc.; 9025 Centre Pointe Drive, Suite 400 West Chester, OH 45069; Phone: 800-338-1122 / 800-328-2047 / 513-645-7000; Bridge Solutions: 1-800-526-3999; Local Representative: Todd Black, Phone: 913-906-9200 AND **Moosman Bridge**; PO Box 803, Valentine, NE 69201; Phone: 402-376-2544.

### PART 2 - PRODUCTS

#### 2.1 MATERIALS

- A. Acceptable equivalents will be allowed upon approval by owner's representative. Equivalents may include:
- B. **Wheeler Lumber, LLC**; 9330 James Avenue South, Bloomington, MN 55431; Phone: (952) 929-7854 or (800) 328-3986; Fax: (952) 929-2909; Home page: <http://www.wheeler-con.com>.
- C. York Bridge Concepts, Inc.; 1419 W. Waters Ave. #116, Tampa, FL 33604, Phone: 800-226-4178

#### 2.2 GENERAL FEATURES OF DESIGN

- A. Bridge shall be ten (12) feet face-to-face of railing, half-through truss, one diagonal per panel, square end vertical, fabricated from atmospheric corrosion resistant steel, Southern Yellow Pine decking, wood rub rail at 54" height on center, horizontal safety rails placed on the outside of the truss to produce a maximum opening of less than 4" to a minimum height of 54", 1/4"x 6" toe plate, 85 psf uniform live load reduced per the AASHTO "Guide Specifications for Pedestrian Bridges", or one 15,000 lb. vehicle load, 35 psf uniform wind load over the vertical projection of the bridge as if enclosed.

#### 2.3 SUBMITTALS

- A. The fabricator will provide design computations and unique shop drawings, prepared to illustrate the specific portion of the work to be done. All relative design information such as member sizes, bridge reactions, and general notes shall be clearly specified on the drawings. Drawings shall have cross referenced details and sheet numbers. All drawings shall be signed and sealed by a Professional Structural Engineer who is licensed in the State of Missouri for review and approval by the local agency's engineer. Allowable Design Stresses shall be in accordance with the "Standard Specifications for Highway Bridges" latest edition, adopted by the American Association of State Highway

and Transportation Official (AASHTO). Welded tubular connection design shall be in accordance with the Structural Welding Code (ANSI/AWS D1.1) utilizing Gas Metal Arc (GMAC) of Flux Core Arc Welding (FCAW).

## 2.4 MATERIALS

- A. All members of the vertical trusses (top and bottom chords, verticals, and diagonals) shall be fabricated from square and/or rectangular structural steel tubing. Other structural members and bracing shall be fabricated from structural steel shapes or square and rectangular structural steel tubing. Bridges shall be fabricated from high strength, low alloy, atmospheric corrosion resistant ASTM A847 cold-formed welded square and rectangular tubing and/or ASTM A588, or ASTM A242, ASTM A606 plate and structural steel shapes ( $F_y = 50,000$  psi). The minimum corrosion index of atmospheric corrosion resistant steel, as determined in accordance with ASTM G101, shall be 6.0.
- B. Wood decking shall be Southern Yellow Pine. All planks shall be partially air dried to a moisture content of 15% to 20%, and shall be supplied S4S (surfaced four sides), E4E (eased four edges), with the edges eased to a radius of 1/8. All planks shall be supplied with the end sealed with "Anchorseal" Mobil CER-M or an equal aqueous wax log sealer. All planks shall be graded as FEQ-CAH (First Export Quality -Clear All Heart) grading rules.

## 2.5 FINISHING

- A. All Blast Cleaning shall be done in a dedicated OSHA approved indoor facility owned and operated by the bridge fabricator. Blast operations shall use Best Management Practices and exercise environmentally friendly blast media recovery systems. To aid in providing a uniformly "weathered" appearance, all exposed surfaces of steel shall be blast cleaned in accordance with Steel Structures Painting Council Surface Preparation Specifications No. 7 Brush-Off Blast Cleaning, SSPC-SP7 latest edition. Exposed surfaces of steel shall be defined as those surfaces seen from the deck and from outside of the structure. Stringers, floor beams, lower brace diagonals and the inside face of the truss below deck and bottom face of the bottom chord shall not be blasted.

## 2.6 DELIVERY AND ERECTION

- A. Delivery is made to a location nearest the site which is easily accessible to normal over-the-road tractor/trailer equipment. All trucks delivering bridge materials will need to be unloaded at the time of arrival. The manufacturer will provide detailed, written instruction in the proper lifting procedures and splicing procedures (if required). The method and sequence of erection shall be the responsibility of others. The bridge manufacturer shall provide written inspection and maintenance procedures to be followed by the bridge owner.

END OF SECTION



## UNIT PRICES

**PROJECT NO. STP 3301 (443)**

**PROJECT TITLE: Trolley - Blue River Connector Trail**

**NOTE: IN THE EVENT OF DISCREPANCY, UNIT PRICE SHALL GOVERN.**

Item No.	Unit	Quantity	Item Description:	Unit Price	Extension
1.	LS	1	Mobilization		
2.	AC	1.7	Clearing & Grubbing		
3.	LF	4140	Silt Fence		
4.	LF	144	Straw Bale Barrier		
5.	EA	1	Temp Construction Entrance		
6.	LF	1410	Construction Staking		
7.	LF	1398	Linear Grading		
8.	LF	1398	10' Reinforced PCCP Trail (6")		
9.	SY	1864	4" MoDOT Type 5 Base Rock		
10.	LF	330	12' Pedestrian Bridge (includes complete installation)		
11.	LF	77	15" RCP Storm Sewer		
12.	EA	4	15" RCP Flared End Sections		
13.	AC	2.50	Hydro Seeding		
14.	SY	120	NAG SC350 Erosion Control Mat		
15.	EA	8	Trail Sign Assembly & Installation		
16.	EA	8	Temporary Traffic Control Sign		
17.	EA	15	Temporary Traffic Control Channelization Device		
				<b>TOTAL</b>	