Pre-bid Meeting
Phase 2 - Tails and Trails Bridge
February 22, 2018
Grandview, Missouri
Federal Project No. TAP-3322(413)
Agenda

- Project Overview
- Phase I Construction
- Site Access
- Borrow Material
- Re-assembly of Bridge
  a) Connections
  b) Shop Drawings
  c) Erection Scheme
  d) Painting
- Addendum Items
- Questions
Project Overview
• Bids Due – 10:00 a.m. March 6, 2018

• Project Completion – December 15, 2018
Site Access
Borrow

Notes (Borrow Area):
1. Contractor to have existing utility marked by Missouri One Call System.
2. Excavate City and Little Blue Valley Sewer District sanitary sewer lines to be marked and staked by contractor prior to excavation.
3. Contractor to provide a copy of at least 3 ft from either surface sewer line.
4. Borrow area limits to be staked prior to excavation.
5. All utilities must be present in DAOW area limits prior to excavation.
6. Two feet maximum depth of excavation with borrow area.
7. Verify the utilities being observed as the excavation is complete.
8. Contractor to place a drain tile on the downhill slope of borrow area.

Notes (Disposal Area):
1. Contractor shall follow all embankment material located at the two disposal locations.
2. Contractor shall follow all spoil material as shown in the tables below.
3. Contractor shall provide all disposal areas and make their own determination of volume and suitability for use on this project.
4. As directed by city engineer.
5. See City Special Provisions for additional notes.

<table>
<thead>
<tr>
<th>Location</th>
<th>Embankment Material</th>
<th>Embankment Volume (cu yd)</th>
<th>Notes</th>
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<tbody>
<tr>
<td>EMBANKMENT SITE #1</td>
<td>Sheet1:</td>
<td>1,800</td>
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<tr>
<td>EMBANKMENT SITE #2</td>
<td>Sheet2:</td>
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Quantities indicated shall be considered to have a volume multiplicity factor of 1.0. Quantities are provided for informational only. Contractor shall meet stated quantities.
Arch Connection

HALF SECTION THRU TRUSS

T - SHAPE SPACER

TYPICAL ARCH REMOVAL LINE

1 OF 4

TYPICAL FLOORBEAM REMOVAL LINE

1 OF 12

END BEAM, ARCH AND BEARING CONNECTION

1 OF 4

SECTION B-B

PART ELEVATION OF ARCH

VIEW B-B
Tension Tie – End Connection

LOCKING DOWN ON BEARING POST
AT END OF ARCH

TIE END CONNECTION FROM BELOW

GUSSET CONFIGURATION AT BEARING AND END-BEAM
(TYPICAL 4 LOCATIONS)
Tension Tie – End Connection
• Shop Drawings
• Erection Scheme – Sealed by PE
• Painting
Addendum Items:

1. Federal Project No. TAP-3322 (413): Request for Bid and Advertisement for Bid sheets have wrong number.

2. Advertisement for Bid – Section 102.20 Prequalification will be required.

3. Federal Wage Rates will be updated.
Questions?
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<th>ITEM</th>
<th>SUBSTR</th>
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<td>Excavation Class 1</td>
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<td>Excavation Class 2</td>
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<td>Structural Steel Approach Spans</td>
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<td>Bearing Castings-I-Bm. Spans</td>
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Overview
Steel through arch bridge over Blue River on US 40 in Kansas City

Location
Kansas City, Jackson County, Missouri

Status
Relocated to Grandview as Tails & Trails Bridge

Future prospects
Relocated

History
Built 1933; rehabilitated 1991, Closed to all traffic 2014, relocated 2015

Builders
- Davis Construction Co. of Boonville, Missouri (Contractor)
- Gerard Knutson Construction Co. of Kansas City, Missouri (Contractor)
- Kansas City Structural Steel Co. of Kansas City, Missouri (Fabricator)
- Lam Construction Co. (Contractor)