

ADDENDUM No. 2
TROY TAP PROJECT
Federal Project No. TAP-9900 (383)

CITY OF TROY, MISSOURI
December 9, 2016

Notice is hereby given to bidders that in reference to the subject project, the following modifications shall be noted. All other aspects of the Contract Documents remain in full force and effect.

CLARIFICATIONS

1. Bid Opening remains on Thursday, December 15th at 9:00 A.M.
2. See the Questions and Answers section of the Pre-bid Meeting Minutes for further clarification.

ROAD CLOSURE CHANGE

- The closure of Main Street for two separate nights has been modified. The contractor may close the street on two separate occasions, and may choose from two different time periods: 5:30 P.M. to 7:00 A.M. on one weekday night, or 5:30 P.M. Friday to 7:00 A.M. the following Monday. A combination of any two periods may be used. For example, the contractor may close one weekday and one weekend, two separate weekdays, or two separate weekends. These closures are to allow the construction of the box culvert under Main Street and to install the pedestrian bridge. The contractor shall be responsible for notifying the City and emergency services prior to these closures. Furthermore, the closure of Main Street shall not occur the first or second weekend in July.

DOCUMENTS ATTACHED FOR REFERENCE

Minutes from Pre-Bid Meeting held December 8, 2016.

BARTLETT & WEST, INC.

A handwritten signature in black ink, appearing to read "Steve Schultz".

Steve Schultz, P.E.
Project Manager

Project Overview

- The City of Troy has been awarded a grant for construction of an ADA sidewalk near Main Street Elementary through MoDOT's Transportation Alternative Program. With that being said, MoDOT is overseeing the project and requires standard LPA documents to be filled out during the duration of the project. The DBE goal for this project is **10%**. On top of sidewalk construction, this project involves: storm sewers improvements, curb & gutter construction, prefabricated pedestrian bridge design/construction/installation, retaining wall design/construction, potential water lines relocation, potential sanitary sewer lateral relocation, erosion control installation, traffic control installation/operation, and seeding/restoration.

Sheet 2

- All construction shall be in accordance with MoDOT standard plans for highway construction. Unless noted otherwise on the plans.
- All construction must be ADA compliant and will have to be approved at a final walk-thru by MoDOT. Any non-compliant construction must be replaced at the contractor's expense.
- Over the entire length of the project the sidewalk is 5 (ft.) wide with either a 2 (ft.) or 5 (ft.) greenspace.
 - South of the creek has a 2 (ft.) greenspace and it varies whether or not curb will be replaced or simply used in place. This is shown clearly on sheet 4. The curb and gutter (south of the bridge) that is to be replaced shall be the roll back style to match the existing curb and gutter that we are leaving in place
 - North of the creek has a 5 (ft.) greenspace and the curb & gutter is a straight back style. From the creek to the north end of the project there is new curb & gutter that gets installed.
- Anywhere there is to be new curb and gutter installed we have included a 1 (ft.) width of pavement to be reconstructed. The intent is to give the contractor room to form up the curb and gutter and also allow for a smooth back of curb profile to be achieved while eliminating drainage issues. There will be no measurement of this in the field and the contractor will be paid for item according to the contract quantity.
- Modular block wall shall match the size and color of the block wall that exist at the property on the corner of College St and Main St. The contractor is responsible for having this wall designed and must submit shop drawings that will be approved by the engineer.
- Optional aggregate base is shown under the sidewalk. There will be no direct payment of this item and also the granular backfill of the retaining wall.

Sheet 3

- Control Points Sheet
- Also, included the alignment table on this sheet for clarity of the plan/profile sheets

Sheet 4 (Alternate 2)

- Note that the alignment is along the edge of the pavement, which is where the existing grade profile is cut that is shown in the profile. However, the proposed grade is shown at the edge of the sidewalk (roadway side).

- Note that one lane in each direction on Main St. shall remain open at all times from 7:30 AM to 5:30 PM.
- On the south end of the project you are to install new C&G. The intention is to better align this section of the C&G with C&G that we are using in place while eliminating the parallel parking next to the street.
- Note that there are roof drains along the entire stretch of this project. They are either to be extended to the storm sewer or to the C&G.
- In front of Parcel 2 there is to be a 42" tall decorative fence anywhere the height of the retaining wall exceeds 3'
- Note that the retaining wall construction may be in conflict with either the sewer laterals or water services. The contractor can either relocate these or work with their wall design engineer on wall penetration detail that is to be submitted and approved by the engineer.
- Note that soil may be removed by the property owner at Parcel 3. During our meetings with the owner he indicated he may move some soil to his back yard. We just wanted to make you all aware of it.
- There are various utilities that are required to be moved or adjusted. If the notes do not state, "by others" the contractor shall assume this work is to be done by themselves.
- Prefabricated bridge is to be designed by Missouri Licensed P.E. It is the responsibility of the contractor and shop drawings shall be submitted to the engineer for approval.
 - Will elaborate more on this when we get to sheet 7.
- Note that there are various notes regarding coordination between the contractor and various utility companies. All utility companies have been contacted by the engineer and plans for relocations have a plan in place. The coordination shall be considered incidental to other bid items.
- Water line at Main St. and Annie Ave. needs adjusted vertically to accommodate the storm sewer pipe. The material will be provided by the City of Troy.
- All storm sewer pipe shall be smooth walled Group B. The intention is to use either RCP or HDPE, not CMP. However, CMP may be used where connect to existing CMP pipe. Also, note that plastic end sections will not be accepted. Only RCP and CMP end sections will be allowed.

Sheet 5

- Inlet 10 requires a special lid to accommodate an ADA ramp. Note that there is a concept shown on the plans but it is up to the contractor and/or precaster to determine how they would like to construct this. Shop drawings shall be submitted and approved by the engineer.
- Removed existing concrete ditch liner. This is necessary because the flowline of the pipe is below the existing flowline of the ditch. Note that you will not be allowed to bury this concrete in the storm sewer trench.

Sheet 6

- Note that the sidewalk is along the Back of Curb at the entrance of the school. This is to avoid the existing Fire Hydrant.

Sheet 7

- The bridge length varies because there are a variety of bridge manufacturers and each one seems to have a different length. The intent is not to bring confusion to this matter, but rather flexibility for the contractor.
- The prefabricated bridge, including the abutments, are to be designed by a contractor's engineer
- Note that there are some overhead utilities should be considered while bidding this prefabricated bridge. They could make it more difficult for construction.

Sheet 8

- Driveways are to be constructed with concrete pavement from the edge of Main Street to the back side of the pedestrian route and asphalt pavement beyond that to the tie in locations. Ensure that 5' wide walking path is constructed less than 2%.

Sheet 9

- Retaining wall profiles are shown for bidding purposes. The final profile will be done by the contractor's designer and approved by the engineer.

Sheet 10

- Remember that the pipe shall be smooth walled Group B. No CMP is allowed, unless connecting to an existing CMP. End sections shall either be RCP or CMP.
- Connect 15" pipe with a non-protruding connection. Something similar to an Inserta-tee.

Sheet 11

- Note that the contractor will only be paid for channelizers and other traffic control devices required for 400 (ft.) max of working area. If the contractor wishes to construct along entire length of the project at one time, he/she will not get paid for additional traffic control devices.
- Notify property owners of driveway closures. Try to give them plenty of notice—48 hours.

Sheet 12

- Note that the traffic control plans are in separate phases. There is no direct payment for relocation of traffic control devices.
- Gravel between Trail Ave. and Blair Ave. will be installed by the City prior to construction.

Sheet 13

- Contractor does have an option to utilize a flagger for construction along Main St. The intent is that this is only performed during construction of the storm sewer crossing Main St.
- Main St. must remain open at all times with the exception of two closures described above. ~~One exception to this rule may be granted if the contractor wishes from the hours of 5:30 P.M. to 7:00 A.M. on two days.~~ Contractor shall notify the authorities.
- Annie Ave. may remain closed during construction of the storm sewer crossing.

Sheet 14

- Ditch checks shown on this sheet would be required if construction starts at the north end of the project. We realize that it is more likely construction begins near the creek with storm sewer but be wanted to give the contractor as much flexibility as possible. Note that you will only be paid for erosion control devices that are installed and deemed necessary by the engineer.

Sheet 15

- Note that the contractor will only be paid for erosion control devices installed.

Sheet 16

- Standard details for storm sewer and the concrete steps.

Bid Form

- Note that there are some bid items that were adjusted to accommodate field adjustments that may be needed.

Bid Opening is on Thursday, December 15th at 9:00 A.M.

Begin Construction as early as March 1, 2017

150 Calendar Days from begin date and you must be completed by at least August 15, 2017.

LDs \$700/day

Questions: Did you also update the quantity of Type 5 aggregate base in addendum 1?

Answer: Yes, the quantities shown on the revised bid form are current and I overlooked that change I made from the original quantity.

Question: What % of the bid is required for bond and will there be any retainage?

Answer: A minimum of 5% of the bid is required and there will be 0% retained.

Question: Has there been a staging area set up?

Answer: There has not been a designated staging area set up by the City. The contractor is responsible for locating their own staging area.

Question: Can additional time be given for the closure of Main Street for the storm sewer pipe crossing?

Answer: We would talk about this and get back to you by addendum number two.