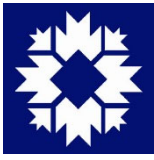


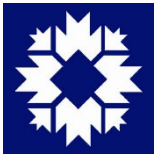
## 7<sup>th</sup> Street Protected Bike Lane Improvements Project

### Pre-Bid Conference April 20<sup>th</sup>, 2021

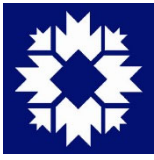
1. Introduction
  - a. Local Project
  - b. Project overview
    - i. EOR, Ken Olson, Structurepoint
    - ii. Construction Inspection, Charles Stewart, Crossroad Engineers
    - iii. Public virtual meeting, April 29<sup>th</sup>, 2021
2. Affirmative Action Plan Requirements ([Statement from Barbara McKinney](#))
3. Schedule
  - a. Addendum will be posted later this week. (Questions due by Wednesday Close of Business)
  - b. Bids are due ~~April 26<sup>th</sup>, 2021~~ at or before 11:30 AM. **Bids due date will be moved to May 10<sup>th</sup>, 2021 at 11:30 AM.**
    - i. Bids will be opened at a virtual public meeting at 12:00 Noon.
  - c. Award, ~~April 27<sup>th</sup>, 2021~~ Board of Public Works Meeting. **Award date will be moved to May 11<sup>th</sup>, 2021 Board of Public Works.**
  - d. NTP
  - e. Construction (150 Calendar Days)
    - i. Intermediate Completion Date of August 9<sup>th</sup>, 2021 for the work east of Indiana Avenue, with the exception of HMA surface and pavement markings.
4. Bid requirements
  - a. Affirmative action plan on file.
  - b. Questionnaire Form 96, Parts I through IV
  - c. Bid Guarantee (5% of total bid amount)
  - d. Trench Safety Systems Affidavit
    - i. Located at the end of the sample agreement.
    - ii. Remember to include the cost of the trench system on the bid sheet.
  - e. Drug Testing Program Affidavit
    - i. Required at time of bidding for bids over \$150,000
    - ii. Located at the end of the sample agreement.
  - f. Performance bond
    - i. Required prior to the award of the contract.
  - g. Payment bond
    - i. Required prior to the award of the contract.
  - h. Escrow agreement (Prior to NTP)
  - i. E-Verify
  - j. Non-collusion Affidavit
  - k. City Approved Vendor (Prior to award)
  - l. Certificate of Insurance (Prior to NTP)
5. MOT
  - a. Eastbound traffic of 7<sup>th</sup> Street will be closed to traffic.



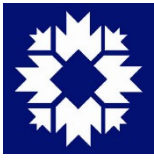
- b. Attention to sidewalk and ramp closures, contractor must be compliant with IMUTCD requirements for pedestrian closures and detours.
  - c. Typical MOT signage is listed as unit items, cost for the remaining signage shall be included in the Maintenance of Traffic Lump sum item. **Emphasis is being placed on the contractors responsibility to follow the IMUTCD guidelines for pedestrian detours and closures.**
6. Utilities
  - a. Special Conditions contain relocation information. Additionally, relocation plans have been posted on the project website.
7. Special Provisions (list in bid packet), some of which are;
  - a. Intermediate completion date of August 9<sup>th</sup>, 2021 for work east of Indiana Avenue. **This is a hard intermediate completion date for the work east of Indiana Avenue, including the intersection of Indiana and 7<sup>th</sup>. All MOT devices will need to be removed and 7<sup>th</sup> Street east of Indiana will be open to two-way traffic. Sidewalks will open for pedestrian traffic. There is an exception for milling, paving, pavement markings, handrail, and landscaping in this area. Those items will need to be completed by the contract completion date, which will be 150 days after the notice to proceed.**
  - b. Undistributed quantities
    - i. Subgrade Treatment, Type IC
    - ii. HMA Patching, Type C
    - iii. Sidewalk, Concrete, 4 IN.
    - iv. Curb Ramp, Concrete
    - v. Curb Concrete
  - c. Brick removal.
  - d. Parking Meters
  - e. Handrails
  - f. D.E. shall be cast iron
  - g. Rain Gardens
  - h. Storm Structures #120, #116 and #115 switched to HA5.
8. Material Testing and Submittals
  - a. Soil testing for rain gardens provided by contractor
  - b. Other testing items will be performed by Crossroad Engineers.
9. Invoicing
  - a. Progressive payments.
  - b. Progressive, need escrow agreement
10. Trench Safety
  - a. Attachment 'B' at the end of the bidding documents
  - b. OSHA trench safety standard, 29 C.F.R 1926, Subpart P.
  - c. Include the cost of the trench system in bid.
  - d. Show the cost of the system on the bid sheet and Attachment 'B'.
11. Drug Testing Program
  - a. Attachment 'D' at the end of the bidding documents
  - b. Submitted plan in accordance with IC 4-13-18.



12. Questions (Note: The following questions and answers will be included in the pending addendum along with a revised schedule of items.) **Note, due to the moving of the bid date, a second addendum is anticipated on or about May 6<sup>th</sup>, 2021. Additional questions for the project will be accepted up to the close of business on Wednesday May 5<sup>th</sup>, 2021.**
- a. *We do not feel that 2 weeks is substantial time to prepare an accurate bid for a project this involved. Especially with the pre-bid only 6 days prior to the bid date. Typically jobs of this size bid thru INDOT or IU are given 3-4 weeks for preparation. Would you please consider extending the bid date?*
    - i. **Answer: Bid date has been moved to May 10<sup>th</sup>, 2021 at 11:30 AM.**
  - b. *Is there any core information for the existing pavement? If so, could this information be provided?*
    - i. **The existing pavement is a mix of full depth HMA and composite HMA over concrete or HMA over brick. See special provisions for treatment of brick excavation included in Common Excavation. Pavement removal (concrete pavement and/or HMA over concrete pavement) was estimated at 30% of the pavement proposed to be removed and included in the project as an undistributed quantity.**
  - c. *Item 6 Pavement Removal, Please explain what this item is for and how it will be paid*
    - i. **This will be measured and paid for per INDOT standard specifications. Pavement removal (concrete pavement and/or HMA over concrete pavement) was estimated at 30% of the pavement proposed to be removed and included in the project as an undistributed quantity**
  - d. *Subgrade Treatment Type II - Summary of quantities (page 52) has a total of 84.6 sys and itemized (item 10) has 1,120 sys. Please explain the difference.*
    - i. **Subgrade Treatment Type II as shown on plan sheet 52 is for the 2 approaches described. The remainder of the Subgrade Treatment Type II is intended to be used under "K" Pavement section.**
  - e. *The quantity of structures and length of pipe in the structure data table (Page 53) does not match the quantities on the itemized. Please explain the difference*
    - i. **Undistributed quantity of 80 LFT is included in this quantity pay item no. 51 PIPE, TYPE 2, CIRCULAR, 12 IN to account for pipe connections from new structures to existing pipes (5 LFT assumed at each connection to existing pipe).**
  - f. *Where is Item 25 PCCP Patching Full Depth to be used?*
    - i. **This pay item is intended to account for the 1' wide concrete placed in front of the curb, referenced as callout "A" in the Typical Cross Sections and Construction Detail sheets.**
  - g. *The rain garden detail (sheet 58) shows a modified straight curb, could a pay item be created for this curb*
    - i. **Answer: Pending.**
  - h. *Was a Geotech performed for this project?*
    - i. **Answer: No**
  - i. *Is it possible for somebody to look at the following items and verify that the plan quantities are correct?*



- i. Common Excavation. This should primarily account for the common excavation and removal of material to install the curb and median for the protected bike lane from the travel lanes.
  - ii. Pipe, Type 2, Circular, 12". Undistributed quantity of 80 LFT is included in this quantity pay item no. 51: PIPE, TYPE 2, CIRCULAR, 12 IN to account for pipe connections from new structures to existing pipes (5 LFT assumed at each connection to existing pipe).
  - iii. HMA Surface, Type C. No major changes from our review. Note: HMA Surface is included in Resurface Areas (Legend Item R) along with surface above (Legend Item A) in front of installed curb, Full Depth HMA areas (Legend Item K).
  - iv. HMA, Intermediate, Type C. No major changes from our review. Note: HMA Intermediate is included in Full Depth HMA areas (Legend Item K) and Intermediate Level Bike Lane Areas (shaded in plans).
  - v. HMA, Base, Type C. No major changes from our review. Note: HMA Base is included only in Full Depth HMA areas (Legend Item K).
  - vi. Curb Ramp, Concrete Discrepancy found with quantity spreadsheet. There are overlapping quantities between Curb Ramp/PCCP Patching Full Depth/Sidewalk Concrete 4" are certain areas which should be modified to match plans.
  - vii. PCCP Patching, Full Depth. Discrepancy found with quantity at median curb ramp locations. These should be removed from PCCP for Patching and included in Curb Ramp, Concrete (see above). Otherwise, QTY matches current plans.
  - viii. Stamped, Concrete, 6 IN. No major changes from our review.
  - ix. Stamped, Concrete, 10 IN. No major changes from our review.
  - x. Curb, Concrete, Vertical (Legend item 13). The total length in plans vs. quantities appears accurate from review. No apparent discrepancy.
  - xi. Curb, Concrete, Sloping (Legend item 16). Discrepancy found with quantity spreadsheet. Will need to revise and reduce by approx. 800 LFT.
  - xii. Curb, Concrete, Depressed (Legend item 17). Discrepancy found with quantity spreadsheet. Will need to revise and reduce quantity total.
- j. *Widening with HMA- shown in summary table, no item in bid*
- i. Reference the Construction Detail sheets. Widening w/ HMA represents full-depth HMA (Legend item "K"). The quantities for this item are included in the 'HMA Surface, Type C', 'HMA Intermediate, Type C', and 'HMA Base, Type C' pay items. The SYS for this line in the Approach Table is mainly for reference, while the TON shown for each line are the quantities that correspond the actual pay item total quantity.
- k. *Modified Class 1- No item in bid but quantity shown in summary table.*
- i. Reference the Construction Detail sheets. Mod. Class I represents "PCCP For Approaches, 6 in.". Total QTY = 98 SYS.
- l. *Will any traffic signal heads require relocation for the MOT plan? If so, can you please clarify how this work is to be paid for?*
- i. Answer **Pending**
- m. *Can you please straighten out the sheet sign pay items or clarify? There is 87 square feet of .080 GA sheet signs on the summary and 22 square feet of .080 GA sheet signs on the*



*signal plans (not shown on the summary) for a total of 109 square feet of .080 GA. The pay items in the proposal are 17 square feet of .080 GA and 96 square feet of .100 GA.*

- i. Answer: Pending**
- n. *Sidewalk is listed as both LFT and SYD.*
  - i. Sidewalk will be paid as SYD, an updated Unit Price Sheet will be distributed with the first addendum.**
- o. *What type of curb is being called out in the undistributed quantity?*
  - i. Answer: Pending**

13. Conclusion