

ADDENDUM NO. 1

TO THE

DRAWINGS AND SPECIFICATIONS

FOR THE

7th Street Protected Bike Lane Improvements Project

Issued From: The City of Bloomington
Engineering Department
Post Office Box 100
401 North Morton Street, Suite #130
Bloomington, Indiana 47402

Issue Date: May 6th, 2021

Letting Date: May 10th, 2021

This Addendum No.1 to the drawings and specifications shall supplement, amend and become a part of the Bid documents, plans, and specifications for the 7th Street Protected Bike Lane Improvements Project. All bids and construction contracts shall be based on these modifications to the original contract documents. Bidders shall acknowledge receipt of this Addendum on the Bid Form. Failure to do so may subject the Bidder to disqualification.

Item No. 1 Letting Date, May 10th, 2021

Sealed bids shall be received by the Department of Public Works, at City Hall, 401 North Morton Street, Atrium, Bloomington, Indiana, at or before 11:30 AM local time on May 10th, 2021. Bids will be publicly opened and read aloud at 12:00 Noon local time on May 10th, 2021, at a virtual meeting. Any bids received after the designated time will be returned unopened. Bids will be reviewed and the award may be made at the May 11th, 2021, virtual meeting or a subsequent virtual meeting of the Board of Public Works.

Item No. 2: Pre-bid Conference

A virtual Pre-Bid Conference was held April 20th, 2021. A copy of the meeting agenda and notes is attached to this addendum.

Item No. 3: Updated Unit Price Sheet

An updated Unit Price Sheet is included in this addendum. All bids submitted must include this updated sheet.

Item No. 4: Raised Pedestrian Crossing

Typical Cross Sections Details, sheet #5, incorrectly shows a detail for a Raised Pedestrian Crossing that incorporates stamped (SC) 6" PCCP Stamped and Integrally Colored Concrete. The Raised Pedestrian Crossing are not to be installed with Colored Stamp Concrete, but shall be installed with 11" PCCP on Variable Depth No. 53 Compacted Aggregate on Compacted Existing Subgrade (Undercut if Poor Conditions found with Approval by Owner/Engineer).

Item No. 5: Questions and Answers

- (Q) *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?*
- (A) **Bid date has been moved to May 10th, 2021 at 11:30 AM.**
- (Q) *Is there any core information for the existing pavement? If so, could this information be provided?*
- (A) **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.**
- (Q) *Item 6 Pavement Removal, Please explain what this item is for and how it will be paid*
- (A) **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**
- (Q) *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.*
- (A) **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.**
- (Q) *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*
- (A) **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).**
- (Q) *Where is Item 25 PCCP Patching Full Depth to be used?*
- (A) **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.**
- (Q) *The rain garden detail (sheet 58) shows a modified straight curb, could a pay item be created for this curb*
- (A) **Item #108, 605-06125, CURB MODIFIED STRAIGHT (RAIN GARDENS) with a quantity of 724 LFT has been added to the unit price sheet. All cost associated with the installation of the rain garden curbs, including but not limited to rebar reinforcement, will be paid for under Item #108.**
- (Q) *Was a Geotech performed for this project?*
- (A) **No**
- (Q) *Is it possible for somebody to look at the following items and verify that the plan quantities are correct?*
- (A) **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.**

- (A) 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).
- (A) HMA Surface, Type C. No major changes from our review. Note: HMA Surface is included in Resurface Areas (Legend Item R), above concrete patch areas (Legend Item A), and Full Depth HMA areas (Legend Item K).
- (A) 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).
- (A) HMA, Base, Type C. No major changes from our review. Note: HMA Base is included only in Full Depth HMA areas (Legend Item K).
- (A) Curb Ramp, Concrete Discrepancy found with quantity spreadsheet. There were overlapping quantities between Curb Ramp/PCCP Patching Full Depth/Sidewalk Concrete 4". Unit price sheet has been updated.
- (A) PCCP Patching, Full Depth. Discrepancy found with quantity at median curb ramp locations. Unit price sheet is updated to remove overlap from PCCP for Patching to instead be included in Curb Ramp, Concrete (see above). Otherwise, QTY matched current plans.
- (A) Stamped, Concrete, 6 IN. No major changes from our review.
- (A) Stamped, Concrete, 10 IN. No major changes from our review.
- (A) Curb, Concrete, Vertical (Legend item 13). The total length in plans vs. quantities appears accurate from review. No apparent discrepancy.
- (A) Curb, Concrete, Sloping (Legend item 16). Discrepancy found with quantity spreadsheet. Unit price sheet has been updated to reduce this item by approx. 800 LFT.
- (A) Curb, Concrete, Depressed (Legend item 17). Discrepancy found with quantity spreadsheet. Unit price sheet has been updated to reduce this quantity total.
- (Q) *Widening with HMA- shown in summary table, no item in bid*
 - (A) **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.**
- (Q) *Modified Class 1- No item in bid but quantity shown in summary table.*
 - (A) **Reference the Construction Detail sheets. Mod. Class I represents "PCCP For Approaches, 6 in.". Total QTY = 98 SYS.**
- (Q) *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?*
 - (A) **Relocation of the traffic signal heads are not required as a part of the MOT plan.**
- (Q) *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.*
 - (A) **Unit Price Sheet has been updated to reflect 109 SFT of .080 IN sign, and the item for .100 IN sign has been eliminated.**

- (Q) *Sidewalk is listed as both LFT and SYD.*
- (A) **Sidewalk will be paid as SYD, an updated Unit Price Sheet has been distributed with this addendum.**
- (Q) *What type of curb is being called out in the undistributed quantity?*
- (A) **Concrete Curb (Vertical)**
- (Q) *Are there any specification for the green lane markings?*
- (A) **Green markings for item 82 shall be thermoplastic. Green markings for item 81 shall be Methyl-Methacrylate (MMA). MMA applied thickness shall be 95 mils and shall be applied in accordance with manufacturer specifications. MMA products shall be Color-Safe®, CycleGrip® MMAX, Safetrack® SC, Sher-Endure™ or approved equal.**
- (Q) *Will the stamped & colored concrete @ the bus stops be the same as the color and herringbone pattern in the other medians? If not please specify color and pattern.*
- (A) **Bus Stop areas shall match the color and herringbone pattern found in other median areas.**
- (Q) *The brick herringbone pattern in the medians calls for a "Stack Pattern Along Sides" The medians have varying widths and radiuses which poses challenges and high costs in constructing the stacked pattern along the edge of the herringbone pattern.*
- (A) **All Stamped Concrete shall be herringbone pattern. Stacked pattern was shown in the Raised Crosswalk areas and those have been changed to standard PCCP.**
- (Q) *What is this Structural Soil and where is it supposed to be place on this project? Is there a specified supplier of this material that the city would like to use?*
- (A) **The Structural Soil item has been eliminated from the updated Unit Price Sheet.**
- (Q) *Will an item be added to the bid to account for the 36" modified curb in the urban rain garden areas? If not, how will this work be paid? (Q2) The rain garden detail (sheet 58) shows a modified straight curb, could a pay item be created for this curb.*
- (A) **See answer above, an item has been added to the updated Unit Price Sheet.**
- (Q) *For plugging existing pipes, is the contractor expected to grout the entire pipe full as described in the pay items or will a 3' plug work on the ends of pipes?*
- (A) **Contractor shall plug, at the direction of the Engineer/Owner, the maximum amount length of pipe as feasible. If at the direction of the Engineer/Owner only a section of pipe can be plugged, then payment will be for only those portions of pipe that have been plugged.**
- (Q) *Is there a clarification on what stamping the city will want for the Center Curb? Plan note states "Random"*
- (A) **Random stamp pattern shall be seamless Old Granite Cleft Stone pattern or approved equal.**
- (Q) *What type of base material and depth of material is needed for the sidewalk? It is not shown in the plans.*
- (A) **Concrete Sidewalk shall be 4 IN. thick on 4 IN. Compacted Aggregate #53's on Compacted Subgrade. The cost of Compacted Aggregate #53's for sidewalks shall be included in the cost of the Sidewalk.**
- (Q) *What base material and depth of material is needed under the asphalt path? It is not shown.*
- (A) **The Intermediate Level Bike Lane, depicted on sheet #5, shall have 12 IN. Compacted Aggregate #53's as a base material. This item shall be paid as**

Subgrade Treatment, Type IC and the quantities have been updated on the Unit Price Sheet.

- (Q) *There is 1120 sys of SG treatment type II on this project. Where is this material going to be placed? There is no clarifying information on this.*
- (A) **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.**
- (Q) *On the HMA Patching Type C item, what thickness of materials and what materials should be used on this item?*
- (A) **Details sheet indicate #165/SYS HMA Surface, Type "C", 9.5 mm.**
- (Q) *On using type C asphalt mix, this material is a bit more expensive than what has been used in the past. I would suggest using a Type B mix as a type C mix will be cost prohibitive.*
- (A) **Either Type B or Type C HMA can be used.**
- (Q) *Pavement Removal- this is usually an item that captures existing concrete removal under asphalt or concrete approaches. What is this item to cover on this project?*
- (A) **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**
- (Q) *Existing brick roadway may be encountered on this project during excavation. Is there a procedure the contractor should follow if the bricks are encountered? Like digging down to a certain depth under the bricks and placing stone?*
- (A) **Excavation shall include all unsuitable material and replaced with Compacted Aggregate 53's.**
- (Q) *The typical detail in the plans show that 12" of 53's will be under all stamped concrete. Is this item paid in the compacted 53 item or in the type 1C item?*
- (A) **It is paid under the Type IC item.**
- (Q) *In the special provisions for the parking meter removal there is a line that states each meter and post will be measured but then it states that the payment will be made in Clearing ROW. Just want to clarify that this will be paid under the lump sum item and not separately.*
- (A) **Parking Meter Post will not be measured but paid under the lump sum item for Clearing Right-of-Way.**
- (Q) *In the summary table in the back of the plans it states that the concrete in the PCCP patching item is to be 9.5". The detail in the typical however states that it is to be 12.5". Please advise.*
- (A) **The PCCP patching item is to be 9.5".**
- (Q) *The raised pedestrian crossing typical detail is shown to be on either side of the stamped concrete areas but there are instances in the plan sheets where this is not the case. In fact there are a few areas where the crossings are going across an asphalt street with milling and resurfacing on both the front and back of the pedestrian crossing. What will the detail look like for the crossings that are not actually crossing the new bike path?*
- (A) **The stamped concrete has been eliminated from the Raised Pedestrian Crossing. They are to be constructed with Concrete.**
- (Q) *How will undercutting of fail subgrade be paid if it is encountered? There are several notes in the plans/details that say it may need done. Can a unit price or a bid item be added to account for this possibility?*
- (A) **Restoration of undercut areas will be paid for under Subgrade Treatment, Type IC.**

(Q) How will sanitary cleanout adjustments be paid for on this project?

(A) **The cost of sanitary cleanout adjustments shall be included in the cost of other items.**

(Q) Phase 2 of the MOT plan calls out for Walnut and College to be reduced to two lanes but the plans do not include how that will be done.

(A) **Both College and Walnut may be reduced to two lanes as needed. The contractor will be required to temporarily eliminate one lane upstream of the intersection with MUTCD compliant traffic control and the use of a flashing arrow board. The cost of these items shall be included in the cost of Maintenance of Traffic.**

	<p>CERTIFIED BY: <u>Neil Kopper</u></p> <p>NEIL KOPPER SENIOR PROJECT ENGINEER CITY OF BLOOMINGTON, IN</p>
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Acknowledge receipt of the addendum by representing it on the Bid Form in Section B and submitting a signed copy with your bid proposal.

RECEIVED BY: CONTRACTOR (FIRM AND ADDRESS)

SIGNATURE: _____

DATE: _____

PRINTED NAME: _____

TITLE: _____



**City of Bloomington
Engineering Department**

Letting Date: May 10th, 2021

Proposal Schedule of Items (Unit Prices)

Page 1 of 4

Project Title : 7th Street Protected Bike Lane Improvements

LINE	ITEM	DESCRIPTION	Approximate Quantity and Units	UNITS	UNIT PRICE	BID AMOUNT
001	105-06845	CONSTRUCTION ENGINEERING	1	LS	-	-
002	109-08359	LIQUIDATED DAMAGES	1	DOL	\$1.00	\$1.00
003	110-01001	MOBILIZATION AND DEMOBILIZATION	1	LS	-	-
004	201-02255	TREE 18 IN., REMOVE	7	EACH	-	-
005	201-52370	CLEARING RIGHT OF WAY	1	LS	-	-
006	202-02240	PAVEMENT REMOVAL	1710	SYS	-	-
007	202-02637	PIPE ABANDON AND GROUT FILL	155	LFT	-	-
008	203-02000	EXCAVATION, COMMON	2080	CYS	-	-
009	205-12108	STORM WATER MANAGEMENT BUDGET	7000	DOL	\$1.00	\$7,000.00
010	207-08264	SUBGRADE TREATMENT, TYPE II	1120	SYS	-	-
011	207-09935	SUBGRADE TREATMENT, TYPE IC	1049	SYS	-	-
012	211-09265	STRUCTURE BACKFILL, TYPE 2	68	CYS	-	-
013	301-12234	COMPACTED AGGREGATE NO 53	285	CYS	-	-
014	302-07455	DENSE GRADED SUBBASE	15	CYS	-	-
015	304-07491	HMA PATCHING, TYPE C	480	TON	-	-
016	306-08034	MILLING, ASPHALT, 1 1/2 IN.	14450	SYS	-	-
017	401-10258	JOINT ADHESIVE, SURFACE	6370	LFT	-	-
018	401-10259	JOINT ADHESIVE, INTERMEDIATE	105	LFT	-	-
019	401-11785	LIQUID ASPHALT SEALANT	6370	LFT	-	-
020	402-07434	HMA SURFACE, TYPE C	1425	TON	-	-
021	402-07439	HMA INTERMEDIATE, TYPE C	120	TON	-	-
022	402-07442	HMA BASE, TYPE C	340	TON	-	-
023	406-05521	ASPHALT FOR TACK COAT	17745	SYS	-	-
024	502-09531	PCCP, PEDESTRIAN CROSSINGS	141	SYS	-	-
025	506-06333	PCCP PATCHING, FULL DEPTH	940	SYS	-	-
026	604-06070	SIDEWALK CONCRETE, 4 IN	300	SYS	-	-

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**City of Bloomington
Engineering Department**

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Proposal Schedule of Items (Unit Prices)

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Project Title : 7th Street Protected Bike Lane Improvements

LINE	ITEM	DESCRIPTION	Approximate Quantity and Units	UNITS	UNIT PRICE	BID AMOUNT
027	604-08086	CURB RAMP, CONCRETE	560	SYS	-	-
028	604-12083	DETECTABLE WARNING SURFACES	135	SYS	-	-
029	604-95344	HAND RAIL, PEDESTRIAN	85	LFT	-	-
030	604-07824	STAMPED CONCRETE, 6 IN	810	SYS	-	-
031	604-07825	STAMPED CONCRETE, 10 IN	310	SYS	-	-
032	605-06120	CURB, CONCRETE (VERTICAL)	3665	LFT	-	-
033	605-06235	CENTER CURB, D CONCRETE MODIFIED	980	LFT	-	-
034	605-06121	CURB, CONCRETE B (SLOPING)	3060	LFT	-	-
035	605-90726	CURB, CONCRETE B (DEPRESSED)	1090	LFT	-	-
036	610-08446	PCCP FOR APPROACHES, 6 IN.	98	SYS	-	-
037	621-01004	MOBILIZATION AND DEMOBILIZATION FOR SEEDING	2	EACH	-	-
038	720-07308	CHANNEL DRAIN & GRATE	24	EACH	-	-
039	616-11736	DECORATIVE STONE	42	TON	-	-
040	301-12233	COMPACTED AGGREGATE NO 8	57	TON	-	-
041	401-93813	SAND (ASTM C33)	30	TON	-	-
042	621-09908	BIO SOIL	133	CYS	-	-
043	621-06570	PLANTING SOIL MIX	23	CYS	-	-
044	621-10164	STRUCTURAL SOIL	0	CYS	-	-
045	621-06575	SODDING, NURSERY	168	SYS	-	-
046	621-98038	MULCH HARDWOOD SHREDDED BARK	30	CYS	-	-
047	622-05639	PLANT, DECIDUOUS SHRUB, 18 TO 24 IN.	78	EACH	-	-
048	622-05650	PLANT, DECIDUOUS TREE, SINGLE STEM, OVER 2 IN. TO 2.5 IN.	34	EACH	-	-
049	622-05654	PLANT, PERENNIAL	97	EACH	-	-
050	622-05654	PLANT, PERENNIAL, 4" POT	239	EACH	-	-
051	715-05149	PIPE, TYPE 2, CIRCULAR, 12 IN.	360	LFT	-	-
052	715-91742	WATER METER RELOCATE	2	EACH	-	-
053	720-44000	CASTING, ADJUST TO GRADE	3	EACH	-	-
054	720-45042	INLET, HAS	3	EACH	-	-

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**City of Bloomington
Engineering Department**

Proposal Schedule of Items (Unit Prices)

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Project Title : 7th Street Protected Bike Lane Improvements

LINE	ITEM	DESCRIPTION	Approximate Quantity and Units	UNITS	UNIT PRICE	BID AMOUNT
054	720-45270	PIPE CATCH BASIN, 18 IN.	9 EACH		-	-
055	720-45410	MANHOLE, C4	4 EACH		-	-
056	720-90984	MANHOLE, C2	3 EACH		-	-
057	720-97008	FIRE HYDRANT ASSEMBLY RELOCATE	2 EACH		-	-
058	720-98174	INLET, B15	8 EACH		-	-
059	720-98555	INLET, C15	6 EACH		-	-
060	801-01093	TEMPORARY WORKSITE SPEED LIMIT SIGN ASSEMBLY	2 EACH		-	-
061	801-03290	CONSTRUCTION SIGN, C	2 EACH		-	-
062	801-04308	ROAD CLOSURE SIGN ASSEMBLY	15 EACH		-	-
063	801-06625	DETOUR ROUTE MARKER ASSEMBLY	36 EACH		-	-
064	801-06640	CONSTRUCTION SIGN, A	34 EACH		-	-
065	801-06645	CONSTRUCTION SIGN, B	25 EACH		-	-
066	801-06775	MAINTAINING TRAFFIC	1 LS		-	-
067	801-07118	BARRICADE, III-A	324 LFT		-	-
068	802-05701	SIGN POST, SQUARE TYPE 1 REINFORCED ANCHOR BASE	208 LFT		-	-
069	802-09838	SIGN, SHEET, WITH LEGEND, 0.080 IN.	109 SFT		-	-
070	802-09840	SIGN, SHEET, WITH LEGEND, 0.100 IN.	0 SFT		-	-
071	805-01300	TRAFFIC SIGNAL EQUIPMENT, REMOVE	2 EACH		-	-
072	805-01828	TRAFFIC SIGNAL HEAD REALIGN	6 EACH		-	-
073	805-02087	TRANSPORTATION OF SALVAGEABLE SIGNAL EQUIPMENT	1 LS		-	-
074	805-04782	VIDEO VEHICLE DETECTOR SYSTEM, ADJUST	2 EACH		-	-
075	805-78205	TRAFFIC SIGNAL HEAD, 3 SECTION, 12 IN.	2 EACH		-	-
076	805-78205	TRAFFIC SIGNAL HEAD, 3 SECTION, 12 IN. (ARROW)	1 EACH		-	-
077	805-78205	TRAFFIC SIGNAL HEAD, 3 SECTION, 12 IN. (BIKE)	8 EACH		-	-
078	805-78420	DISCONNECT HANGER	3 EACH		-	-
079	805-78485	SIGNAL CABLE, CONTROL, COPPER, 5C/14 GA	500 LFT		-	-
080	805-78490	SIGNAL CABLE, CONTROL, COPPER, 7C/14 GA	800 LFT		-	-

Continued on next page.



Project Title : 7th Street Protected Bike Lane Improvements

LINE	ITEM	DESCRIPTION	Approximate Quantity and Units	UNITS	UNIT PRICE	BID AMOUNT
081	805-78510	SIGNAL CABLE, DETECTOR LEAD-IN, COPPER, 2C/16 GA	84	LFT	-	-
082	805-78795	SAW CUT FOR ROADWAY LOOP DETECTOR AND SEALANT	44	LFT	-	-
083	808-02977	PAVEMENT MESSAGE MARKING, THERMOPLASTIC, BIKE SYMBOL	31	EACH	-	-
084	808-03439	TRANSVERSE MARKING, THERMOPLASTIC, CROSSWALK LINE, WHITE, 24 IN.	1805	LFT	-	-
085	808-06609	PAVEMENT MESSAGE MARKING, THERMOPLASTIC, RAISED PEDESTRIAN PAVEMENT MARKING	13	EACH	-	-
086	808-06609	PAVEMENT MESSAGE MARKING, THERMOPLASTIC, GREEN CHEVRON	92	EACH	-	-
087	808-06609	PAVEMENT MESSAGE MARKING, THERMOPLASTIC, CHEVRON, WHITE	4	EACH	-	-
088	808-06701	LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.	70	LFT	-	-
089	808-06703	LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.	910	LFT	-	-
090	808-10118	"SHARKS TEETH", THERMOPLASTIC, YIELD LINE, WHITE	61	EACH	-	-
091	808-11493	LINE, THERMOPLASTIC, DOTTED, YELLOW, 4 IN.	635	LFT	-	-
092	808-75215	LINE, THERMOPLASTIC, SOLID, WHITE, 12 IN.	40	LFT	-	-
093	808-75240	LINE, THERMOPLASTIC, BROKEN, YELLOW, 4 IN.	75	LFT	-	-
094	808-75245	LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.	6955	LFT	-	-
095	808-75260	TRANSVERSE MARKING, THERMOPLASTIC, CROSSHATCH LINE, WHITE, 12 IN.	75	LFT	-	-
096	808-75278	TRANSVERSE MARKING, THERMOPLASTIC, CROSSHATCH LINE, YELLOW, 12 IN.	24	LFT	-	-
097	808-75297	TRANSVERSE MARKING, THERMOPLASTIC, STOP LINE, WHITE, 24 IN.	205	LFT	-	-
098	808-75320	PAVEMENT MESSAGE MARKING, THERMOPLASTIC LANE INDICATION ARROW	36	EACH	-	-
099	808-96075	LINE, THERMOPLASTIC, BROKEN, WHITE, 6 IN.	173	LFT	-	-
100	808-99199	TRANSVERSE MARKING, PREFORMED PLASTIC, 36" SOLID GREEN	370	LFT	-	-
101	808-09968	PAVEMENT MARKING, GREEN LANE	1700	SFT	-	-
102	808-95935	CURB PAINTING, BLUE	30	LFT	-	-
103	808-95936	CURB PAINTING, GRAY	19	LFT	-	-
104	808-95933	CURB PAINTING, YELLOW	185	LFT	-	-
105	808-12274	TRANSVERSE MARKING, THERMOPLASTIC, PARKING "T", 3'X3', 4"	30	LFT	-	-
106	802-04089	SIGN, REMOVE	6	EACH	-	-
107	808-06716	LINE, REMOVE	270	LFT	-	-
108	605-06125	CURB, MODIFIED STRAIGHT (RAIN GARDENS)	723	LFT	-	-

BID: _____

Bidder acknowledges that:

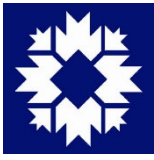
- each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
- estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.



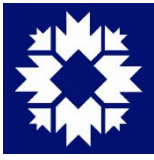
7th Street Protected Bike Lane Improvements Project

Pre-Bid Conference April 20th, 2021

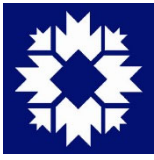
1. Introduction
 - a. Local Project
 - b. Project overview
 - i. EOR, Ken Olson, Structurepoint
 - ii. Construction Inspection, Charles Stewart, Crossroad Engineers
 - iii. Public virtual meeting, April 29th, 2021
2. Affirmative Action Plan Requirements (~~Statement from Barbara McKinney~~) Discussed.
3. Schedule
 - a. Addendum will be posted later this week. (Questions due by Wednesday Close of Business)
 - b. Bids are due ~~April 26th, 2021~~ at or before 11:30 AM. **Bids due date will be moved to May 10th, 2021 at 11:30 AM.**
 - i. Bids will be opened at a virtual public meeting at 12:00 Noon.
 - c. Award, ~~April 27th, 2021~~ Board of Public Works Meeting. **Award date will be moved to May 11th, 2021 Board of Public Works.**
 - d. NTP
 - e. Construction (150 Calendar Days)
 - i. Intermediate Completion Date of August 9th, 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 and Plan
 - i. Required at time of bidding for bids over \$150,000
 - ii. Affidavit located at the end of the sample agreement.
 - iii. Must also submit a copy of the Testing Program Plan.
 - 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



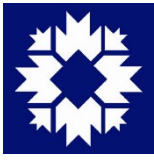
- a. Eastbound traffic of 7th Street will be closed to traffic.
 - b. Attention to sidewalk and ramp closures, contractor must be compliant with IMUTCD requirements for pedestrian closures and detours.
 - c. Typical MOT signage is listed as unit items, cost for the remaining signage shall be included 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 9th, 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 7th. All MOT devices will need to be removed and 7th 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.



- c. IC 36-1-12-24 (c) An employee drug testing program submitted to the board under this section must have been effective and applied at the time of the solicitation for bids.
 - d. IC 14-13-18-5 (a) Solicitation for a public works contract must require each contractor that submits a bid for the work to submit with the bid a written plan for a program to test the contractor's employees for drugs.
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, an addendum is anticipated on or about May 6th, 2021. Additional questions for the project will be accepted up to the close of business on Wednesday May 5th, 2021. The following answers were posted as part of the pre-bid conference. All answers posted in the addendum supersedes the answers posted below.**
- 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 10th, 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: See Addendum #1**
- 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 See Addendum #1**
- 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: See Addendum #1**
- 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: See Addendum #1**

May 10th

13. Conclusion