# **ADDENDUM NO. 1**

#### TO THE

### DRAWINGS AND SPECIFICATIONS

#### **FOR THE**

# East Discovery Parkway Roadway Resurface and Path Construction

**Issued From:** The City of Bloomington

Engineering Department

Post Office Box 100

401 North Morton Street, Suite #130

Bloomington, Indiana 47402

Issue Date: March 12<sup>th</sup>, 2021 Letting Date: March 15<sup>th</sup>, 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 East Discovery Parkway Roadway Resurface and Path Construction. 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:** The two smaller trees located at approximate station 115+75 left shall be relocated to the north, adjacent to the construction limits.
- **Item No. 2:** Revisions are made to the plans *Summary of Quantities and Approach Table*. A revised plan sheet #19, as well as a revised *Unit Price Sheet,* are attached to and a part of this addendum.
- **Item No. 3** Contractor may use either HMA Type 'B' or Type 'C' in all areas where asphalt is required.

- **Item No. 4** This project does not have any calendar limitations for the removal of trees. Additionally, the installation of the proposed trees will be done during the tree planting season and not considered a part of the limited calendar days for construction substantial completion. All tree planting shall be completed prior December 31<sup>st</sup>, 2021.
- **Item No. 5** The existing construction fence located on the north side of Discovery Parkway will be removed by others prior to the commencement of construction.

### **Item No. 6: Questions and Answers**

- (Q) With the curb removal and replacement in the islands. Is there going to be openings between the modified curb gutter in the islands? The plan shows this but there are no curb transitions or tapers shown in the plans. Also, there is a center curb on one end of the island but no curb leading into it. This is at ST 120+00 approximately. Is there going to be more curb added in an addendum?
  - (A) The curb transitions will fall within the limits shown to transition from existing curb to the proposed curb dimensions at a 12:1 rate or 6' length. The center curb at this location is the "ramp" transition into the center island.
- (Q) What should be placed under the curb after the existing curb is removed? There is nothing shown in the detail.
  - (A) We were not proposing any specific material under the curb replacement, as shown in detail on bottom right of sheet 5. The general intent was to not excavate too far down adjacent to roadway and cause undermining issues into the adjacent roadway pavement.
- (Q) The quantity for Subgrade treatment type 1C does not add up when I do my takeoff of the patching. Will the 1C be used under the proposed curb?
  - (A) Subgrade treatment type IC takes into account full depth patching areas. An additional 5% undistributed quantity of the entire milling area (218 SYS) was added as well, in the event soft spots are encountered when removing curb or center curb.
- (Q) The unit for compacted agg 53 is sys for the quantity table in the plans, but is in cys in the bid item sheet. The quantity stays the same however. Which of these is correct?
  - (A) Unit for Compacted Agg should be CYS for this pay item as shown in the itemized proposal.

	CERTIFIED BY: Mol C 3/12/21  ANDREW CIBOR CITY ENGINEER
`	CITY OF BLOOMINGTON, IN

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:		
Tivi v		

# City of Bloomington Engineering Department

Proposal Schedule of Items (Unit Prices)

Letting Date: March 15th, 2021

Page 1 of 2

Project Title: EAST DISCOVERY PARKWAY ROADWAY RESURFACE AND PATH CONSTRUCTION

LINE	ITEM	DESCRIPTION	Approximate Quantity and UNITS Units	UNIT PRICE	BID AMOUNT
001	105-06845	CONSTRUCTION ENGINEERING	1 LS		<del>-</del>
002	109-08359	LIQUIDATED DAMAGES	1 DOL	\$1.00	\$1.00
003	110-01001	MOBILIZATION AND DEMOBILIZATION	1 LS		<del>-</del>
004	201-52370	CLEARING RIGHT OF WAY	1 LS	<del>-</del>	
005	202-02279	CURB AND GUTTER, REMOVE	<b>1461</b> LFT	<del>-</del>	<del>-</del>
006	202-52710	SIDEWALK CONCRETE, REMOVE	15 SYS	<del>-</del>	
007	20302000	EXCAVATION, COMMON	290 CYS	<del>-</del>	<del>-</del>
008	203-02070	BORROW	115 CYS	<del>-</del>	
009	205-12108	STORMWATER MANAGEMENT BUDGET	4600 DOL	\$1.00	\$4,600.00
010	205-12618	SWQCP PREPARATION, LEVEL 1	1 LS	<del>-</del>	
011	207-08266	SUBGRADE TREATMENT, TYPE III	<b>1671</b> SYS		<del>-</del>
012	207-09935	SUBGRADE TREATMENT, TYPE IC	671 SYS	<del>-</del>	
013	301-12234	COMPACTED AGGREGATE NO. 53	<b>258</b> CYS		<del>-</del>
014	304-07490	HMA PATCHING, TYPE B	296 TON	<del>-</del>	
015	306-08034	MILLING, ASPHALT, 1 1/2 IN.	4362 SYS	<del>-</del>	<del>-</del>
016	401-10258	JOINT ADHESIVE, SURFACE	<b>1175</b> LFT		
017	401-11785	LIQUID ASPHALT SEALANT	<b>1175</b> LFT		
018	402-00001	HMA SURFACE, TYPE C, 9.5 mm	<b>360</b> TON	<del>-</del>	<del>-</del>
019	402-00002	HMA FOR PATHS, TYPE B	<b>233</b> TON		<del>-</del>
020	406-05520	ASPHALT FOR TACK COAT	<b>2</b> TON		
021	502-06457	PCCP, 9 IN.	14 SYS		
022	503-05240	D-1 CONTRACTION JOINT	32 LFT		
023	604-06070	SIDEWALK, CONCRETE	4 SYS		
024	604-08086	CURB RAMP, CONCRETE	83 SYS		
025	604-12083	DETECTABLE WARNING SURFACES	14 SYS	<del>-</del>	<del>-</del>
026	604-95344	HAND RAIL, PEDESTRIAN	78 LFT		
027	605-06140	CURB AND GUTTER, CONCRETE	112 LFT		
028	605-06160	CURB AND GUTTER, B, CONCRETE, MODIFIED	1350 LFT		
029	605-06255	CENTER CURB, D, CONCRETE	6 SYS	<del>-</del>	<del>-</del>
030	616-12161	RIPRAP, GROUTED, 6-9 IN.	34 SYS		

Continued on next page.



# City of Bloomington Engineering Department

Proposal Schedule of Items (Unit Prices)

Letting Date: March 15th, 2021

Page 2 of 2

## Project Title: EAST DISCOVERY PARKWAY ROADWAY RESURFACE AND PATH CONSTRUCTION

LINE	ITEM	DESCRIPTION	Approximate Quantity and UNITS Units	UNIT PRICE	BID AMOUNT
031	616-12246	GEOTEXTILE FOR RIPRAP TYPE 1A	34 SYS		<del>-</del>
032	621-01004	MOBILIZATION AND DEMOBILIZATION FOR SEEDING	2 EACH		
033	621-02770	EROSION CONTROL BLANKET	509 SYS		
034	621-06554	SEED MIXTURE U	21 LBS		
035	621-06575	SODDING, NURSERY	1049 SYS	<del>-</del>	<del>-</del>
036	622-05650	PLANT, DECIDUOUS TREE, SINGLE STEM, OVER 2 IN. TO 2.5 IN.	43 EACH		<del>-</del>
037	702-44240	CONCRETE, A, STRUCTURES	27 CYS	<del>-</del>	<del>-</del>
038	703-06029	REINFORCING BARS, EPOXY COATED	2491 LBS	<del>-</del>	<del></del>
039	720-01894	CASTING, ADJUST TO GRADE	4 EACH	<del>-</del>	<del>-</del>
040	801-04308	ROAD CLOSURE SIGN ASSEMBLY	4 EACH		<del></del>
041	801-06625	DETOUR ROUTE MARKER ASSEMBLY	6 EACH		<del>-</del>
042	801-06640	CONSTRUCTION SIGN, A	28 EACH		<del></del>
043	801-06775	MAINTAINING TRAFFIC	1 LS		<del>-</del>
044	801-07118	BARRICADE, III-A	76 LFT		<del></del>
045	802-05701	SIGN POST, SQUARE TYPE 1 REINFORCED ANCHOR BASE	22 LFT		<del>-</del>
046	802-09838	SIGN, SHEET, WITH LEGEND, 0.080 IN.	6 SFT		<del></del>
047	802-91122	SIGN GROUND MOUNTED RESET	1 EACH		<del>-</del>
048	808-01226	SNOWPLOWABLE RAISED PAVEMENT MARKER CASTING INSTALL	8 EACH		<del></del>
049	808-03439	TRANSVERSE MARKING, THERMOPLASTIC, CROSSWALK LINE, WHITE, 24 IN.	200 LFT		
050	808-75043	LINE, THERMOPLASTIC, SOLID, WHITE, 6 IN.	115 LFT		<del></del>
051	808-75297	TRANSVERSE MARKING, THERMOPLASTIC, STOP LINE, WHITE, 24 IN.	24 LFT		
052	808-75320	PAVEMENT MESSAGE MARKING, THERMOPLASTIC LANE INDICATION ARROW	3 EACH		

BID:	

# Bidder acknowledges that:

- 1. 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
- 2. 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.

# UTILITIES

**ELECTRIC** Duke Energy (Distribution) 100 South Mill Creek Road Noblesville, IN 46062 (317) 776-5341 Cindy Rowland

**WATER** City of Bloomington Utilities 600 East Miller Drive Bloomington, IN 47408 (812) 349-3634 Phil Peden

SANITARY SEWER
City of Bloomington Utilities
600 East Miller Drive Bloomington, IN 47408 (812) 349-3634 Phil Peden

**COMMUNICATIONS** Everstream 342 Massachusetts Avenue Indianapoils, IN 46204 (317) 832-1766 Ean Elder

INDIANA UNIVERSITY UTILITIES

(4" Sanitary Sewer Forcemain, Fiber/Communications, Street Light Circuits, Domestic Water) Indiana University
820 North Walnut Grove
Bloomington, IN 47405
(812) 856-2789
Scot Osborn

	GENERAL NOTES
**	All earth shoulders, median areas, and cut and fill slopes shall be plain or mulch seeded except where sodding is specified
	The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.
	The paper relocation will be cross sectioned by the Engineer before construction.
	Existing asphalt pavement located outside the construction limits, between Sta and Sta, shall be removed as directed.
	The quantity of peat excavation shown on the plans has been estimated on the basis of theoretical cross sections by using treatment of existing fills, treatment by removal, or treatment by displacement, where each treatment applies.
	All limited access right-of-way (L.A. R/W) is to be fenced with chain link type fence (CLTF) or farm field type fence (FFTF) where specified in the plans.
	Contractor shall verify existing flowline elevations to set the appropriate sump depth.

\*\* REPRESENTS GENERAL NOTES REQUIRED

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			REVISIONS
	SHEET NO.	DATE	REVISED
7	19	3/3/2021	Approach Table Revised
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	INDEX
SHEET NO.	DRAWING INDEX
1	TITLE SHEET
2	INDEX AND GENERAL NOTES
3	TYPICAL CROSS SECTIONS
4	REFERENCE POINTS
5	MAINTENANCE OF TRAFFIC DETAILS
6-8	PLAN AND PROFILES
9-11	CONSTRUCTION DETAILS
12	CURB RAMP DETAILS
13	MOMENT SLAB NO. 1 DETAILS
14	MOMENT SLAB NO. 2 DETAILS
15-16	EROSION CONTROL DETAILS
17-18	PAVEMENT MARKING AND SIGNING DETAILS
19	SUMMARY OF QUANTITIES AND APPROACH TABLE
20-31	CROSS SECTIONS



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	CHECKED:	KRO	CHECKED:	KRO	_

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DATE	REVISION	
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3/3/2021	Approach Table Revised	
VIII.		
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RECOMMENDED FOR APPROVAL	Thut L.	Olum DESIGN ENGINEER		2/05/2021 DATE	
DESIGNED:	ASV	DRAWN:	ASV		
CHECKED:	KRO	CHECKED:	KRO		

CITY OF BLOOMINGTON	HORIZONTAL SCALE	BRIDGE FILE			
	N/A	N/A			
	VERTICAL SCALE	DESIGNATION			
	N/A	N/A			
SUMMARY OF QUANTITIES	SURVEY BOOK	SHEETS			
	N/A	19	of	31	
AND APPROACH TABLE	CONTRACT	PROJECT			
	ENG-20-003	2020.01725			

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