

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 12th, 2021

Letting Date: March 15th, 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 31st, 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.

	<p>CERTIFIED BY: <u>Andrew C. Cibor</u> 3/12/21</p> <p>ANDREW CIBOR CITY 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: March 15th, 2021

Proposal Schedule of Items (Unit Prices)

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	-	-
002	109-08359	LIQUIDATED DAMAGES	1	DOL	\$1.00	\$1.00
003	110-01001	MOBILIZATION AND DEMOBILIZATION	1	LS	-	-
004	201-52370	CLEARING RIGHT OF WAY	1	LS	-	-
005	202-02279	CURB AND GUTTER, REMOVE	1461	LFT	-	-
006	202-52710	SIDEWALK CONCRETE, REMOVE	15	SYS	-	-
007	20302000	EXCAVATION, COMMON	290	CYS	-	-
008	203-02070	BORROW	115	CYS	-	-
009	205-12108	STORMWATER MANAGEMENT BUDGET	4600	DOL	\$1.00	\$4,600.00
010	205-12618	SWQCP PREPARATION, LEVEL 1	1	LS	-	-
011	207-08266	SUBGRADE TREATMENT, TYPE III	1671	SYS	-	-
012	207-09935	SUBGRADE TREATMENT, TYPE IC	671	SYS	-	-
013	301-12234	COMPACTED AGGREGATE NO. 53	258	CYS	-	-
014	304-07490	HMA PATCHING, TYPE B	296	TON	-	-
015	306-08034	MILLING, ASPHALT, 1 1/2 IN.	4362	SYS	-	-
016	401-10258	JOINT ADHESIVE, SURFACE	1175	LFT	-	-
017	401-11785	LIQUID ASPHALT SEALANT	1175	LFT	-	-
018	402-00001	HMA SURFACE, TYPE C, 9.5 mm	360	TON	-	-
019	402-00002	HMA FOR PATHS, TYPE B	233	TON	-	-
020	406-05520	ASPHALT FOR TACK COAT	2	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	-	-
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	-	-
030	616-12161	RIPRAP, GROUTED, 6-9 IN.	34	SYS	-	-

Continued on next page.



**City of Bloomington
Engineering Department**

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Proposal Schedule of Items (Unit Prices)

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	-	-
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	-	-
036	622-05650	PLANT, DECIDUOUS TREE, SINGLE STEM, OVER 2 IN. TO 2.5 IN.	43	EACH	-	-
037	702-44240	CONCRETE, A, STRUCTURES	27	CYS	-	-
038	703-06029	REINFORCING BARS, EPOXY COATED	2491	LBS	-	-
039	720-01894	CASTING, ADJUST TO GRADE	4	EACH	-	-
040	801-04308	ROAD CLOSURE SIGN ASSEMBLY	4	EACH	-	-
041	801-06625	DETOUR ROUTE MARKER ASSEMBLY	6	EACH	-	-
042	801-06640	CONSTRUCTION SIGN, A	28	EACH	-	-
043	801-06775	MAINTAINING TRAFFIC	1	LS	-	-
044	801-07118	BARRICADE, III-A	76	LFT	-	-
045	802-05701	SIGN POST, SQUARE TYPE 1 REINFORCED ANCHOR BASE	22	LFT	-	-
046	802-09838	SIGN, SHEET, WITH LEGEND, 0.080 IN.	6	SFT	-	-
047	802-91122	SIGN GROUND MOUNTED RESET	1	EACH	-	-
048	808-01226	SNOWPLOWABLE RAISED PAVEMENT MARKER CASTING INSTALL	8	EACH	-	-
049	808-03439	TRANSVERSE MARKING, THERMOPLASTIC, CROSSWALK LINE, WHITE, 24 IN.	200	LFT	-	-
050	808-75043	LINE, THERMOPLASTIC, SOLID, WHITE, 6 IN.	115	LFT	-	-
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: _____

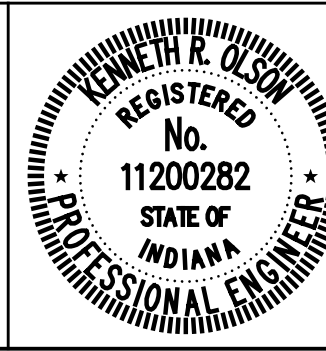
Bidder acknowledges that:

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.

SUMMARY OF QUANTITIES AND APPROACH TABLE

LOCATION (FROM STATION)	LOCATION (TO STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADI	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE			EXCAVATION	CLEAR ZONE AT DRIVE	HMA FOR APPROACHES, TYPE C		HMA MATERIALS - TYPE B				JOINT ADHESIVE, SURFACE	JOINT ADHESIVE, INTERM.	LIQUID ASPHALT SEALANT	HMA MATERIAL FOR:		COMPACTED AGGREGATE NO. 53, BASE			CURB RAMP, CONCRETE	SUBGRADE TREATMENT TYPE IB	SUBGRADE TREATMENT TYPE II	PCCP FOR APPROACHES		PCCP	SUBGRADE TREATMENT TYPE III	REMARKS			
							COMPACTED AGGREGATE BASE	HMA	CONCRETE			SURFACE 9.5mm	INTERMD. 19.0mm	BASE 25.0mm	BASE 25.0mm	PRIME COAT	TACK COAT				DEPTH			6 IN.	9 IN.											
			LBS. PER SYD.		LBS. PER SYD.				3 IN.			6 IN.			6 IN.		9 IN.																			
			CUT	FILL	FT	TON	TON	140 TON	220 TON			165 TON	275 TON	440 TON	440 TON	LFT.	LFT.				LFT.	TON	TON	TON	SYS				TON	SYS.				SYS.	SYS.	SYS.
ft.	ft.	ft.	ft.																																	
LINE "A"	LINE "A"	MAINLINE MULTI-USE																																		
116+97.51 Lt.	118+17.17 Lt.		119.7	24.7																																
117+14.85 Rt.	118+09.37 Rt.		94.5	8.4																																
126+06.43 Lt.	126+73.14 Lt.		66.7	30.0																																
		TOTALS =																																		

DATE	REVISION
3/3/2021	Approach Table Revised



RECOMMENDED FOR APPROVAL *Kenneth R. Olson* 2/05/2021
DESIGN ENGINEER DATE

DESIGNED: ASV DRAWN: ASV
 CHECKED: KRO CHECKED: KRO

CITY OF BLOOMINGTON

SUMMARY OF QUANTITIES AND APPROACH TABLE

HORIZONTAL SCALE N/A	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION N/A
SURVEY BOOK N/A	SHEETS 19 of 31
CONTRACT ENG-20-003	PROJECT 2020.01725