



July 24, 2020

**ADDENDUM NO. 1
OLIO ROAD AND 146TH STREET IMPROVEMENTS
EN-292
NOBLESVILLE, INDIANA**

TO ALL PLAN PURCHASERS OF RECORD:

The following modifications and clarifications in this addendum shall be incorporated into the plans; contract documents on record for the project; and considered in the bid and itemized proposal for the project. Contractor shall acknowledge receipt of this and any other addenda for the project on Page P-2 of the Proposal in the Bid Package of the Contract Documents for the project. Failure to acknowledge receive of this and all other addenda for the project as part of the bid submittal will render any bid "Non-Responsive". Items in this Addendum shall replace and supersede the subject items in the Contract Documents.

ITEM #1 – DELETE: Pages 1 through 3 of the Original Itemized Proposal
INSERT – Pages 1 through 2 of the Attached Revised Itemized Proposal, Labeled Addendum No. 1

Note: Quantities and Item Numbers have been updated and revised. There are no new pay items.

ITEM # 2 – SP 41 – Storm Water Quality Structures (Page 26 of Special Provisions)

BMP Structures have been revised. The original BMP Structure Number 84A has been revised to Structure Number 84B. The Structure Number for the second BMP remains Structure 103. There are only TWO BMP structures required for the project.

DELETE: SP 41, STORMWATER QUALITY STRUCTURES IN THE ORIGINAL CONTRACT BOOK
ADD: THE ATTACHED SP 41 – STORM WATER QUALITY STRUCTURES

ITEM #3 – PLAN SHEET REVISIONS

The following list of sheets are revised per this Addendum and included in the contract documents. Revised plans sheets for the following list of sheets are attached with this Addendum.

REVISED SHEETS	
Sheet Number	Date
1	7-24-20
4	7-24-20`
8	7-24-20
12	7-24-20
42	7-24-20
45	7-24-20
46	7-24-20

Please make the necessary medication to the proposal and bid for the project.

FOR THE CITY OF NOBLESVILLE

A handwritten signature in black ink, appearing to read "Andy Rodewald", is written over a horizontal line.

Please acknowledge receipt of this Addendum by emailing arodewald@noblesville.in.us

CLARIFICATION ITEMS:

1. All references within plans to Item 13, Concrete Box Curb should be interpreted as 18" Concrete Box Curb, with 6" face, per Noblesville Standards.
2. Address of structure to be removed is 14598 Olio Road. Only buildings within right-of-way, as shown on plans, are to be removed.

ajr

**CITY OF NOBLESVILLE
ITEMIZED PROPOSAL
OLIO ROAD AND 146TH STREET IMPROVEMENTS
CONTRACT NO.: EN-292**

No.	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	EXTENSION
1	105-06845	CONSTRUCTION ENGINEERING	1	LS		
2	110-01001	MOBILIZATION AND DEMOBILIZATION	1	LS		
3	201-52370	CLEARING RIGHT OF WAY	1	LS		
4	202-01261	TESTING FOR ASBESTOS	1	EACH		
5	202-03000	HOUSES AND BUILDINGS, REMOVE, 14598 OLIO ROAD	1	LS		
6	202-03135	REGULATED ASBESTOS CONTAINING MATERIALS, REMOVE	100	SFT		
7	202-96133	PIPE, REMOVE	70	LFT		
8	203-02000	EXCAVATION, COMMON	26,980	CYS		
9	205-12108	STORM WATER MANAGEMENT BUDGET	53,400	DOL		
10	205-12111	SWQCP PREPARATION AND IMPLEMENTATION, LEVEL 2	1	LS		
11	207-08264	SUBGRADE TREATMENT, TYPE II	1,866	SYS		
12	207-08266	SUBGRADE TREATMENT, TYPE III	6,056	SYS		
13	207-09934	SUBGRADE TREATMENT, TYPE IB, CEMENT	32,624	SYS		
14	211-09265	STRUCTURE BACKFILL, TYPE 2	8,001	CYS		
15	211-09268	STRUCTURE BACKFILL, SANITARY SEWER	73	CYS		
16	214-11609	GEOCELL CONFINEMENT SYSTEM	465	SYS		
17	301-12234	COMPACTED AGGREGATE NO 53	924	CYS		
18	306-08034	MILLING, ASPHALT, 1 1/2 IN.	2,630	SYS		
19	401-10258	JOINT ADHESIVE, SURFACE	15,049	LFT		
20	401-10259	JOINT ADHESIVE, INTERMEDIATE	14,029	LFT		
21	401-11785	LIQUID ASPHALT SEALANT	15,049	LFT		
22	406-05520	ASPHALT FOR TACK COAT	21.8	TON		
23	502-06327	PCCP, 10 IN. (DECORATIVE)	621	SYS		
24	503-05240	D-1 CONTRACTION JOINT	200	LFT		
25	603-93373	FENCE PEDESTRIAN	200	LFT		
26	603-97461	TEMPORARY FENCE	1,875	LFT		
27	604-05528	HMA FOR SIDEWALK	851	TON		
28	604-08086	CURB RAMP, CONCRETE	135	SYS		
29	604-12083	DETECTABLE WARNING SURFACES	36	SYS		
30	605-06120	CURB, CONCRETE	277	LFT		
31	605-06155	CURB AND GUTTER, CONCRETE, 2 FOOT	5,433	LFT		
32	605-97937	CURB AND GUTTER, ROLL CURB, MODIFIED	1,189	LFT		
33	610-08446	PCCP FOR APPROACHES, 6 IN.	285	SYS		
34	610-09108	PCCP FOR APPROACHES, 8 IN.	942	SYS		
35	611-06497	MAILBOX ASSEMBLY, SINGLE	1	EACH		
36	615-01469	MONUMENT SECTION CORNER INSTALL	1	EACH		
37	615-06505	MONUMENT, B	9	EACH		
38	616-06405	RIPRAP, REVTMENT	1,318	TON		
39	616-12246	GEOTEXTILE FOR RIPRAP TYPE 1A	2,059	SYS		
40	621-01004	MOBILIZATION AND DEMOBILIZATION FOR SEEDING	3	EACH		
41	621-01620	MULCHED SEEDING TYPE, 1	351	SYS		
42	621-06545	FERTILIZER	5	TON		
43	621-06554	SEED MIXTURE U	2,291	LBS		
44	621-06565	MULCHING MATERIAL	23	TON		
45	SP	VEGETATIVE SWALE	790	SYS		
46	628-09402	FIELD OFFICE, B	18	MOS		
47	714-11102	STRUCTURE, REINFORCED CONCRETE, BOX SECTIONS, 5 FT. X 2 FT.	153	LFT		
48	715-04987	CONNECTION TO EXISTING MANHOLE	1	EACH		
49	715-05024	PIPE, RCP, CIRCULAR, 36 IN.	1,624	LFT		

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No.	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	EXTENSION
50	715-05048	PIPE, TYPE 4, CIRCULAR, 6 IN.	11,733	LFT		
51	715-05149	PIPE, RCP, CIRCULAR, 12 IN.	1,592	LFT		
52	715-05151	PIPE, RCP, CIRCULAR, 15 IN.	1,034	LFT		
53	715-05152	PIPE, RCP, CIRCULAR, 18 IN.	251	LFT		
54	715-05153	PIPE, RCP, CIRCULAR, 21 IN.	678	LFT		
55	715-05154	PIPE, RCP, CIRCULAR, 24 IN.	84	LFT		
56	715-05156	PIPE, RCP, CIRCULAR, 30 IN.	404	LFT		
57	715-05159	PIPE, RCP, CIRCULAR, 42 IN.	259	LFT		
58	715-05165	PIPE, RCP, CIRCULAR, 72 IN.	701	LFT		
59	715-05168	PIPE, RCP, CIRCULAR, 12 IN. FOR DRIVES	33	LFT		
60	715-05169	PIPE, RCP, CIRCULAR, 15 IN. FOR DRIVES	56	LFT		
61	715-05409	PIPE, SANITARY SEWER, 10 IN. PVC SDR 35	995	LFT		
62	715-05411	PIPE, SANITARY SEWER, 12 IN., PVC SDR 35	464	LFT		
63	715-06357	CONCRETE ANCHOR, 72 IN.	1	EACH		
64	715-09475	STORMWATER QUALITY STRUCTURE, STR NO. 84B	1	EACH		
65	715-09475	STORMWATER QUALITY STRUCTURE, STR NO. 103	1	EACH		
66	715-46000	PIPE END SECTION, DIAMETER 12 IN.	3	EACH		
67	715-46005	PIPE END SECTION, DIAMETER 15 IN.	4	EACH		
68	715-46010	PIPE END SECTION, DIAMETER 18 IN.	2	EACH		
69	715-46020	PIPE END SECTION, DIAMETER 24 IN.	1	EACH		
70	715-46030	PIPE END SECTION, DIAMETER 30 IN.	1	EACH		
71	715-46040	PIPE END SECTION, DIAMETER 36 IN.	1	EACH		
72	715-92537	PIPE PVC 8 IN. SDR-26, FIELD TILE RESTORE	400	LFT		
73	718-12305	GEOTEXTILES FOR UNDERDRAIN, TYPE 1A	11,108	SYS		
74	718-52610	AGGREGATE FOR UNDERDRAINS	931	CYS		
75	719-09505	CONNECT FIELD TILE TO PROPOSED OUTLET	4	EACH		
76	720-02367	MANHOLE, J10	3	EACH		
77	720-04721	MANHOLE, K10	5	EACH		
78	720-08658	MANHOLE, J5	1	EACH		
79	720-10114	SANITARY MANHOLE, TYPE A	6	EACH		
80	720-45030	INLET, E7	2	EACH		
81	720-45035	INLET, F7	1	EACH		
82	720-45040	INLET, G7	1	EACH		
83	720-45045	INLET, J10	16	EACH		
84	720-45055	INLET, M10	9	EACH		
85	720-45069	INLET, P12	1	EACH		
86	720-45260	PIPE CATCH BASIN, 12 IN.	1	EACH		
87	720-45410	MANHOLE, C4	4	EACH		
88	720-90129	MANHOLE, J2	1	EACH		
89	720-90984	MANHOLE, C2	1	EACH		
90	720-93501	MANHOLE, L4	2	EACH		
91	720-94208	MANHOLE, C10	5	EACH		
92	720-95335	MANHOLE, M4	3	EACH		
93	720-95422	MANHOLE, J4	7	EACH		
94	SP	POND OUTFALL STRUCTURE	1	EACH		
95	801-04308	ROAD CLOSURE SIGN ASSEMBLY	4	EACH		
96	801-06625	DETOUR ROUTE MARKER ASSEMBLY	48	EACH		
97	801-06640	CONSTRUCTION SIGN, A	17	EACH		
98	801-06645	CONSTRUCTION SIGN, B	4	EACH		

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No.	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	EXTENSION
99	801-06775	MAINTAINING TRAFFIC	1	LS		
100	801-07118	BARRICADE, III-A	60	LFT		
101	801-11642	PORTABLE CHANGEABLE MESSAGE SIGN	4	EACH		
102	802-05701	SIGN POST, SQUARE TYPE 1 REINFORCED ANCHOR BASE	350	LFT		
103	802-05702	SIGN POST, SQUARE TYPE 2 REINFORCED ANCHOR BASE	72	LFT		
104	802-09838	SIGN, SHEET, WITH LEGEND, 0.080 IN.	150	SFT		
105	802-09840	SIGN, SHEET, WITH LEGEND, 0.100 IN.	123	SFT		
106	802-91122	SIGN GROUND MOUNTED RESET	1	EACH		
107	805-11799	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY	2	EACH		
108	808-03439	TRANSVERSE MARKING, THERMOPLASTIC, CROSSWALK LINE, WHITE, 24 IN.	385	LFT		
109	808-06701	LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN.	1,216	LFT		
110	808-06703	LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.	6,487	LFT		
111	808-06705	LINE, THERMOPLASTIC, SOLID, WHITE, 8 IN.	158	LFT		
112	808-09381	RETRO-REFLECTIVITY TESTING	1	LS		
113	808-11482	LINE, THERMOPLASTIC, DOTTED, WHITE, 4 IN.	211	LFT		
114	808-11691	LINE, THERMOPLASTIC, DOTTED, WHITE, 12 IN.	71	LFT		
115	808-11698	TRANSVERSE MARKING, THERMOPLASTIC, YIELD LINE, WHITE, 27 IN.	362	LFT		
116	808-75240	LINE, THERMOPLASTIC, BROKEN, YELLOW, 4 IN.	778	LFT		
117	808-75245	LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.	10,377	LFT		
118	808-75278	TRANSVERSE MARKING, THERMOPLASTIC, CROSSHATCH LINE, YELLOW, 12 IN.	697	LFT		
119	808-75320	PAVEMENT MESSAGE MARKING, THERMOPLASTIC LANE INDICATION ARROW	21	EACH		
120	SP	BURIED CONDUIT, PAIR, 4"	80	LFT		
121	SP	CABLE MARKER	2	EACH		
122	SP	HMA SURFACE, TYPE B, 9.5 mm	2,472	TON		
123	SP	HMA INTERMEDIATE, TYPE B, 19.0 mm	3,772	TON		
124	SP	HMA INTERMEDIATE, C19.0 mm (OG)	4,253	TON		
125	SP	HMA BASE, TYPE B, 25.0 mm	15,888	TON		
126	SP	CONCRETE CRADLE	2	EACH		
Total Bid						
Total Bid in Words						

SP 41 Storm Water Quality Structures

STORMWATER QUALITY TREATMENT UNIT

Description.

This work shall consist of the installation of four storm water quality unit manholes in accordance with 105.03 and 720.

Materials.

Material shall be in accordance with the following:

<i>Castings</i>	<i>910.05</i>
<i>Concrete</i>	<i>702</i>
<i>Precast Unit</i>	<i>907.04</i>
<i>Reinforced Concrete Pipe</i>	<i>907.02</i>
<i>Reinforcing Steel</i>	<i>910.01</i>

Stormwater Quality Treatment Units located on the current City of Indianapolis Stormwater Quality Unit Selection Guide will be accepted. Units are sized based on the Noblesville Stormwater Technical Standards criteria.

The Stormwater Quality Treatment Units shall satisfy the requirements as follows:

- 1. Total Suspended Solids (TSS) Removal Rate 80%*
- 2. Treatment rate: See Table Below*
- 3. Units shall be installed as indicated in the table and plans.*
- 4. Structure shall be reinforced pre-cast concrete and rated for H-20 rating.*
- 5. A type 4 casting or larger shall be used to access the structure.*
- 6. The separator manholes shall have easy and unobstructed access from the top of the structure to allow for inspection, cleanout and maintenance.*

Based upon the parameters the following manufactures with model, or approved equal, can be used for this project.

Str. No.	Water Quality Treatment Flow (cfs)	Pre-Approved Water Quality Treatment Structures	On or Offline
84B	3.1	<ul style="list-style-type: none">Aquashield Aqua-Swirl Xcelerator XC-6Contech Cascade Separator CS-6	Offline
103	31.0	<ul style="list-style-type: none">Aquashield Aqua-Swirl Xcelerator XC-13Contech Cascade Separator CS-12	Online

General Requirements

The construction of the item listed in this specification shall be in accordance with the manufacturer’s recommendations and the Indiana Department of Transportation Standard Specifications Section 720. In the event of a conflict between the INDOT Standard Specifications and the manufacturer’s recommendations, the manufacturer’s recommendations shall govern.

Shop Drawings

The contractor shall submit, for approval, three copies of the manufacturer's design specifications, O&M Manuals and shop/detail drawings of the storm water separator manholes.

Method of Measurement: Storm water quality units will be measured per each unit, complete in place.

Basis of Payment: The accepted quantities of the manufactured separator manholes will be paid for at the contract unit price per each complete in place.

Pay Item

Storm Water Quality Structure (Identified by Structure Number)EACH

The cost of manhole, excavation, backfill, reinforcing steel, structure backfill, casting, concrete collars required for pipe connection to structures, internal components and necessary incidentals shall be included in the cost of the pay item. All piping, work, and materials required to connect offline structures with the BMP structure shall be included incidental to the cost for the installation of the BMP structure.