



Conservation Design Forum

Ecological Design Services • Landscape Architecture • Planning • Civil / Water Resources Engineering
Sustainable Urbanism • Ecosystem Sciences

Addendum 1

Date:	August 11, 2017
To:	All Potential Bidders
From:	Alex Heidtke, PE, Conservation Design Forum
Re:	Washington Street Infrastructure Improvements- Bid Questions and Answers
Ref. #:	16009.00

Addendum 1

Below are amendments to the Bidding Documents of the Washington Street Green Infrastructure Improvements project. Please indicate your acknowledgement of this Addendum by filling out the attached Acknowledgement Form and returning it with your Bid.

Replace page 1 of BLR 12200a- Schedule of Prices with the attachment included in this addendum. Item number 21, Class D Patches, 8", has been revised to read **158** SQ YD.

Replace Sheet 2- General Notes & Summary of Quantities with the attachment included in this addendum. Pay Item 21, Class D Patches, 8", has been revised to list quantities of **50**, 12, 69, 27, **158** SQ YD.

In the special provision **PAY ITEM #50-53- CATCH BASIN, MANHOLE, INLET**, add the following language:

Resilient Pipe Connectors: ASTM C 923 (ASTM C 923M), cast or fitted into manhole walls, for each pipe connection. This work shall not be paid for separately but shall be included in the cost of the item.

ADDENDUM NO. 1 ACKNOWLEDGMENT FORM

We hereby acknowledge receipt of the following documents pertaining to **ADDENDUM No. 1** to the Bidding Documents for the Village of Villa Park's **WASHINGTON STREET GREEN INFRASTRUCTURE IMPROVEMENTS** project.

Addendum No. 1

1 page

Name: _____

Title: _____

Company: _____

Signature: _____

Date: _____

RETURN WITH BID



**Illinois Department
of Transportation**

SCHEDULE OF PRICES

County DUPAGE
 Local Public Agency VILLA PARK
 Section _____
 Route VARIOUS

Schedule for Multiple Bids

Combination Letter	Sections Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications)

Bidder's Proposal for making Entire Improvements

Item No.	Items	Unit	Quantity	Unit Price	Total
1	CONSTRUCTION LAYOUT	L SUM	1		
2	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNITS	129		
3	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNITS	558		
4	TREE ROOT PRUNING	EACH	11		
5	TEMPORARY FENCE	FOOT	542		
6	EARTH EXCAVATION	CU YD	4018		
7	AMENDED BIORETENTION SOIL	CU YD	628		
8	TRENCH BACKFILL	CU YD	358		
9	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1386		
10	SODDING	SQ YD	3247		
11	TREES	EACH	30		
12	SHRUBS, SMALL	EACH	11		
13	SHRUBS, LARGE	EACH	18		
14	PERENNIAL PLANTS, 1 GAL.	EACH	45		
15	INLET AND PIPE PROTECTION	EACH	25		
16	FILTER FABRIC	SQ YD	6934		
17	AGGREGATE BASE COURSE, TYPE A, CA-7	CU YD	2441		
18	AGGREGATE BASE COURSE, TYPE A, CA-16, 2" DEPTH	CU YD	77		
19	AGGREGATE BASE COURSE, TYPE A, CA-6	CU YD	8		
20	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	187		
21	CLASS D PATCHES, 8"	SQ YD	158		
22	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ YD	259		
23	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	SQ FT	1953		
24	DETECTABLE WARNINGS	SQ FT	35		
25	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SQ YD	16		
26	PAVEMENT REMOVAL	SQ YD	1221		
27	DRIVEWAY PAVEMENT REMOVAL	SQ YD	454		
28	SIDEWALK REMOVAL	SQ FT	2223		
29	COMBINATION CURB AND GUTTER REMOVAL	FOOT	846		
30	STORM SEWER REMOVAL	FOOT	53		
31	ADJUSTING WATER MAIN	FOOT	63		
32	PIPE UNDERDRAINS, TYPE 2, PVC PIPE, 3"	FOOT	95		
33	PIPE UNDERDRAINS, TYPE 2, HDPE PIPE, 4"	FOOT	416		
34	PIPE UNDERDRAINS, TYPE 2, HDPE PIPE, 6"	FOOT	218		
35	PIPE UNDERDRAINS, TYPE 2, HDPE PIPE, 8"	FOOT	198		
36	PIPE UNDERDRAINS, TYPE 2, HDPE PIPE, 10"	FOOT	209		
37	PIPE UNDERDRAINS, TYPE 2, HDPE PIPE, 12"	FOOT	123		
38	STORM SEWERS, WATERMAIN QUALITY, PVC, 3"	FOOT	45		
39	STORM SEWERS, WATERMAIN QUALITY, PVC, 12"	FOOT	103		
40	STORM SEWERS, TYPE 2, HDPE, 4"	FOOT	11		
41	STORM SEWERS, TYPE 2, HDPE, 8"	FOOT	133		
42	STORM SEWERS, TYPE 2, PVC, 3"	FOOT	96		

SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

- All construction shall be done in accordance with the applicable sections of the following documents:
 - "Standard Specifications for Road and Bridge Construction", adopted April 1, 2016, by the Illinois Department of Transportation;
 - "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2017, by the Illinois Department of Transportation;
 - "Manual on Uniform Traffic Control and Protection", most current edition;
 - "Standard Specifications for Water & Sewer Main Construction in Illinois", 7th edition, 2014;
 - Codes and ordinances, latest edition, Village of Villa Park.
 - Special provisions.
- In case of conflict with any part or parts of the "Standard Specifications for Road and Bridge Construction" and the Supplemental Provisions, the Special Provisions shall take precedence and shall govern.

NOTIFICATIONS

- Before starting any excavation, the contractor shall call "J.U.L.I.E." at 811 for field locations of buried electric, telephone, and gas facilities. 48 hour notification is required.
- The contractor shall be responsible for contacting the owners of all existing facilities so that the facilities and their appurtenances may be located and adjusted or moved, if necessary, prior to the start of construction.
- The contractor shall coordinate construction activities with utility companies and the Village of Villa Park.

TRAFFIC CONTROL

- All traffic control and other advisory signs needed for construction are to be furnished by the contractor in accordance with division 700 of the standard specifications.

UTILITIES

- The approximate locations of existing utilities are shown on the plans according to information obtained from utility companies and surveys. However, there is no guarantee of completeness or accuracy of the information regarding utilities, either public or private, such as sewers, water mains, gas mains, telephone lines, electric lines, manholes, catch basins, inlets, or other similar pipes, lines, and structures. The contractor shall verify the exact location of all utilities that may interfere with construction operations and report to the engineer omissions and differences from the locations shown on the drawings. The contractor shall be fully responsible for any and all damages which are occasioned by the failure to exactly locate and preserve any and all underground utilities.
- The contractor shall be responsible for the protection of all underground or surface utilities even though they may not be shown on the plans. Any utility that is damaged during construction shall be repaired or replaced to the satisfaction of the engineer and the utility owner. This work shall be solely at the contractor's expense.

VILLAGE OF VILLA PARK STANDARD ENGINEERING NOTES

- The Public Works Department, (630)-834-8505, must be notified twenty-four (24) hours in advance for inspections and shutoffs and forty-eight (48) hours in advance for water taps.
- One (1) set of approved plans must be on the site at all times.
- All paving, curb & gutter, driveways, and sidewalks, including earthwork required for preparation of sub-grade, will be constructed in accordance with the Illinois Department of Transportation's (IDOT) "Standard Specifications for Road and Bridge Construction," current edition and supplements, except as modified to conform with Village of Villa Park requirements.
- All existing pavement to be removed will be saw cut full depth along the limits of the removal.
- Replacement of the street pavement subsequent to the installation of utilities will meet IDOT Standard Specifications for Road and Bridge Construction, Article 442.06, and be made as follows:
 - Asphalt - 2" Hot-Mix Asphalt Surface Course, Mix "D", N50, over a 4" Hot-Mix Asphalt Binder Course, N50, or to Village Engineer's specifications.
 - P.C.C. - 8" minimum thickness, tie into the existing pavement with #6x24" dowels, embedded 8" and staggered at 24" O.C.
- All pavements will be replaced within one week of their removal.
- All sidewalks will meet existing widths with a minimum thickness of five inches (5"). Bedding will be a minimum of 4" of CA-6/Grade 8. All existing sidewalks and curb and gutter sections must be replaced unless waived by the Village Engineer.
- All driveways will be replaced as follows:

Residential	Hot-Mix Asphalt	4"	Surface Course
		6"	CA-6/Grade 8 Stone
	Portland Cement Concrete	6"	Class Sl
		4"	CA-6/Grade 8 Stone

All manholes and buffalo boxes within a PCC driveway must be boxed out with 1" expansion material.

- All parkways disturbed during construction will be restored with four inches (4") of topsoil and sod.
- All parkway and nearby trees on adjoining property will have guards to protect trees. A minimum of four (4) stakes shall be used and the fence shall be four (4) feet from the trunk of the tree.
- All stumps must be removed to a minimum of one foot below proposed ground elevation.
- Materials and installation for all water and sewer related work will be in accordance with the "Standard Specifications for Water and Sewer Main Construction in Illinois", current edition and the American Water Works Association except as modified to conform with Villa Park requirements.
- All water main shutdowns will be performed by Village personnel only. A minimum of twenty-four (24) hours notice will be given to the Public Works Department prior to requested shutdown.
- Existing water and sanitary sewer services will not be reused without a written approval from the Village.
- Band-seal flexible connectors (non-shear mission couplings) will be used to join pipes of dissimilar materials.
- All PVC pipe joints will conform to ASTM D 3212 and shall be sealed by rubber gaskets conforming to ASTM F 477.
- Down spouts and sump pumps will discharge at grade and be directed away from and at least ten feet (10') from adjacent properties.
- Provide for the immediate removal of any mud and debris that is deposited onto the streets and sidewalks, which were caused by the construction.
- Any soil erosion control measure that are deemed necessary by the Village Engineer will be implemented immediately by the contractor.
- All footing and top of foundation elevations, and building setbacks and dimensions must be surveyed and a spot survey must be submitted and approved prior to any future construction.
- All concrete curbs, sidewalk and driveway aprons require pre-inspection.
- All construction sites will require a stone access road 10 feet wide within a 6" depth comprising of CA-1 stone.
- All existing grades along property lines must be maintained.
- Proposed grade changes will not cause surface water runoff to be diverted onto or detained on abutting or nearby property, will not significantly alter existing drainage patterns and will not increase or concentrate storm water runoff onto abutting or nearby property.
- Drainage swales must have sufficient depth and width to direct storm water runoff toward a storm drainage system. Swales must meet existing grades at the property lines and have a minimum slope of 1%. Damming or displacing water into adjacent properties is not permitted.
- Landscaping that effectively changes yard elevations or existing drainage patterns will not be permitted unless a fill permit is issued by the Village.

SUMMARY OF QUANTITIES

Item	SP	CODE	Item	Unit	GRANT	EUCLID	E. WASH	W. WASH	TOTAL
					Quantity	Quantity	Quantity	Quantity	Quantity
1	*	CS#10	CONSTRUCTION LAYOUT	L SUM	0.25	0.25	0.25	0.25	1
2		201	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNITS	49	13	48	19	129
3		201	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNITS	38	158	290	72	558
4	*	201	TREE ROOT PRUNING	EACH	9	0	0	2	11
5		201	TEMPORARY FENCE	FOOT	227	32	126	158	542
6		202	EARTH EXCAVATION	CU YD	1464	425	1469	660	4018
7	*		AMENDED BIORETENTION SOIL	CU YD	98	98	294	139	628
8		208	TRENCH BACKFILL	CU YD	0	29	270	59	358
9		211	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	170	755	273	188	1386
10		252	SODDING	SQ YD	457	1030	1156	604	3247
11	*	253	TREES	EACH	10	4	10	6	30
12	*	253	SHRUBS, SMALL	EACH	0	11	0	0	11
13	*	253	SHRUBS, LARGE	EACH	0	18	0	0	18
14	*	254	PERENNIAL PLANTS, 1 GAL.	EACH	0	45	0	0	45
15	*	280	INLET AND PIPE PROTECTION	EACH	7	1	10	7	25
16	*	282	FILTER FABRIC	SQ YD	2800	644	2364	1127	6934
17	*	351	AGGREGATE BASE COURSE, TYPE A, CA-7	CU YD	1244	195	691	311	2441
18	*	351	AGGREGATE BASE COURSE, TYPE A, CA-16, 2" DEPTH	CU YD	77	0	0	0	77
19	*	351	AGGREGATE BASE COURSE, TYPE A, CA-6	CU YD	0	1	3	4	8
20	*	406	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	133	0	29	24	187
21	*	407	CLASS D PATCHES, 8"	SQ YD	50	12	69	27	158
22		423	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ YD	144	0	95	21	260
23		424	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	SQ FT	116	288	515	1035	1953
24		424	DETECTABLE WARNINGS	SQ FT	23	0	12	0	35
25		420	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SQ YD	16	0	0	0	16
26		440	PAVEMENT REMOVAL	SQ YD	1113	12	69	27	1221
27		440	DRIVEWAY PAVEMENT REMOVAL	SQ YD	265	20	124	45	454
28		440	SIDEWALK REMOVAL	SQ FT	385	288	515	1035	2223
29		440	COMBINATION CURB AND GUTTER REMOVAL	FOOT	553	22	176	95	846
30	*	551	STORM SEWER REMOVAL	FOOT	36	0	0	17	53
31	*		ADJUSTING WATER MAIN	FOOT	0	0	63	0	63
32		601	PIPE UNDERDRAINS, TYPE 2, PVC PIPE, 3"	FOOT	0	0	95	0	95
33		601	PIPE UNDERDRAINS, TYPE 2, HDPE PIPE, 4"	FOOT	0	0	100	316	416
34		601	PIPE UNDERDRAINS, TYPE 2, HDPE PIPE, 6"	FOOT	110	108	0	0	218
35		601	PIPE UNDERDRAINS, TYPE 2, HDPE PIPE, 8"	FOOT	134	0	0	64	198
36		601	PIPE UNDERDRAINS, TYPE 2, HDPE PIPE, 10"	FOOT	209	0	0	0	209
37		601	PIPE UNDERDRAINS, TYPE 2, HDPE PIPE, 12"	FOOT	0	0	123	0	123
38	*	550	STORM SEWERS, WATERMAIN QUALITY, PVC, 3"	FOOT	0	0	45	0	45
39	*	550	STORM SEWERS, WATERMAIN QUALITY, PVC, 12"	FOOT	0	0	103	0	103
40		550	STORM SEWERS, TYPE 2, HDPE, 4	FOOT	0	0	0	11	11
41		550	STORM SEWERS, TYPE 2, HDPE, 8"	FOOT	0	0	0	133	133
42		550	STORM SEWERS, TYPE 2, PVC, 3"	FOOT	0	0	96	0	96
43		550	STORM SEWERS, TYPE 2, PVC, 8"	FOOT	39	60	0	65	164
44		550	STORM SEWERS, TYPE 2, PVC, 15"	FOOT	18	0	0	0	18
45		550	STORM SEWERS, TYPE 2, PVC, 18"	FOOT	26	0	0	0	26
46	*	563	SANITARY SERVICE REMOVAL	FOOT	0	0	41	0	41
47	*		SANITARY SEWER REMOVAL	FOOT	0	0	79	0	79
48	*		SANITARY SEWER MAIN, PVC, 8"	FOOT	0	0	123	0	123
49	*		CONNECT TO EXISTING STRUCTURE	EACH	1	0	3	1	5
50	*	602	CATCH BASIN, TYPE A, 4'- DIAMETER	EACH	2	1	0	2	5
51	*	602	CATCH BASIN, TYPE C	EACH	4	1	10	7	22
52	*	602	MANHOLE, TYPE A, 4'- DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	0	1	2	0	3
53	*	602	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	0	0	0	1
54	*		WASTOP INLINE CHECK VALVE	EACH	1	1	0	0	2
55	*	602	MANHOLES TO BE ADJUSTED	EACH	2	0	0	0	2
56	*	605	REMOVING MANHOLES	EACH	0	0	3	0	3
57	*	605	REMOVING INLETS	EACH	2	0	2	1	5
58	*	606	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	1069	22	176	95	1362
59	*		LANDSCAPE WALL	FOOT	0	0	0	67	67
60	*		POROUS UNIT PAVING	SQ YD	1372	0	0	0	1372
61	*	701	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1	1	1	4
62		724	REMOVE SIGN PANEL ASSEMBLY, TYPE A	EACH	2	0	3	4	9
63		724	RELOCATE SIGN PANEL ASSEMBLY, TYPE A	EACH	1	0	3	4	8
64	*		FENCE REMOVAL	FOOT	20	0	0	0	20
65		780	PAINT PAVEMENT MARKING- LINE, 6"	FOOT	52	0	0	0	52
66		780	PAINT PAVEMENT MARKING- LINE, 24"	FOOT	13	0	0	0	13
67	*		STABILIZED CONSTRUCTION ENTRANCE	EACH	1	0	0	0	1
68	*		PRECONSTRUCTION VIDEO RECORDING	L SUM	0.25	0.25	0.25	0.25	1
69	*		EXPLORATION TRENCH, SPECIAL	EACH	12	6	12	12	42
70	*		WATER USAGE DEDUCTION	TGAL	25	25	25	25	100
71	*		WATER USAGE CREDIT	TGAL	25	25	25	25	100
72	*		CONTINGENCY ALLOWANCE	DOLLARS	12500	12500	12500	12500	50000



CONSERVATION DESIGN FORUM
 403 W. ST CHARLES STREET
 LOMBARD, ILLINOIS 60148
 630-559-2000 P / 630-559-2030 F

DESIGNED -	FOR BID	REVISED -	08.11.2017- ADDENDUM 1
DRAWN -	MH	REVISED -	
CHECKED -	JC, TP	REVISED -	
DATE -	07.28.2017	REVISED -	

**VILLAGE OF VILLA PARK
 WASHINGTON STREET GREEN INFRASTRUCTURE
 IMPROVEMENTS**

GENERAL NOTES & SUMMARY OF QUANTITIES

SHEET NO. 2 OF 30 SHEETS

COUNTY	TOTAL SHEETS	SHEET NO.
DUPAGE	30	2

ILLINOIS