



**REQUEST FOR BID # 19044
FOR
2019 Alley and Brick Reconstruction Program**
<https://www.wilmette.com/purchasing/bids-rfps/>

Last Date/Time for Questions	03/22/2019 10:00 am local time
Last Addendum Issued	03/25/2019 10:00 am local time
Bids Due and Opened At Village Hall 1200 Wilmette Ave, Wilmette, IL 60091	03/29/2019 10:00 am local time

Submit bids to:

Cliff Ruemmler
Purchasing Manager
Village of Wilmette
1200 Wilmette Ave
Wilmette, IL 60091
(847) 853-7619
purchase@wilmette.com

Note: This cover sheet is an integral part of the bid documents and is, as are all of the following documents, part of any contract executed between the Village of Wilmette and any successful Bidder.

VILLAGE OF WILMETTE NOTICE TO BIDDERS

Notice is hereby given that the Village of Wilmette (the "Village") will receive bids at the Village Hall, 1200 Wilmette Avenue, Wilmette, IL 60091 until March 29, 2019 at 10:00 am, local time for the 2019 Alley and Brick Reconstruction program. The Alley and Brick work is expected to start on or about May 20, 2019. Bids will be publicly opened and the amounts on the Summary Bid Sheet will be read aloud.

Description of Work

The proposed work is officially known as the 2019 Alley and Brick Reconstruction program, as further described in the **SPECIFICATIONS** section of this RFB.

Availability and Clarification of Documents

This RFB and any addendums will be posted on the Village's website at:
<https://www.wilmette.com/purchasing/bids-rfps/>.

Any questions related to this RFB should be submitted in writing to Cliff Ruemmler, Purchasing Manager, at Purchase@wilmette.com. Questions received by the Village, including the Village's responses will be consolidated and posted to the Village website.

The deadline for submitting questions is 10:00 am local time 03/22/2019. Contractors will provide written acknowledgment of each addendum issued with their bid submission. Oral explanations will not be binding. No clarifications, interpretations or addenda shall be issued after 10:00 am local time on 03/25/2019.

It is the sole responsibility of the Contractor to check the Village' website to determine if an addendum has been posted.

Drawings and Reports

Drawings and reports are available upon request by sending an email requesting them to Purchase@wilmette.com from the Bidder's business email address.

Illinois Prevailing Wage

This work is subject to Illinois Prevailing Wage.

BID PREPARATION AND SUBMISSION

Bid Bond

All bids must be accompanied by a certified check, bank cashier's check, bid bond in the form as provided in the RFB Documents, or bank draft payable to the Village of Wilmette equal to ten (10%) percent of the amount on the Summary Bid Sheet for the Base Bid and Alternate Bids One, Two and Three.

Preparation of Bid Documents

The Bidder shall prepare the bid on the attached bid forms furnished by the Village starting on page 06 of this RFB.

All blank spaces on the bid pages applicable to the subject specification must be correctly completed in ink or type written. All signatures must be completed in ink.

The total bid amount is to be shown in both words and figures where indicated. In case of a discrepancy between words and figures, the words shall prevail, unless it clearly appears in the Village's opinion that the words rather than the figures are in error. Bidders are warned against making any erasures or alterations of any kind, and Bids which contain omissions, erasures, conditions, alterations, or additions not called for may be rejected.

Conditions

Bidders are responsible to become familiar with all conditions, instructions, and contract documents governing this bid, including the **Bond and Contract terms attached in Appendix One (1) and Appendix Two (2)**. Submission of a bid will be considered specific evidence of having performed the above. **Any exceptions to the contract document that you may have must be included on the Bid Exception Sheet.** Once the award has been made, failure to have read all the conditions, instructions and specifications of this RFB shall not be cause to alter the original bid or to request additional compensation.

Conflict with Existing Village Contracts

The Work shall be treated as a separate contract and not performed in conjunction with any existing contracts as currently held by the Contractor. Any Contractor that currently performs work for the Village under an existing contract must agree to furnish additional crews (labor and equipment) to guarantee that timeliness, quality and services currently rendered do not suffer in any way due to additional work contained in this contract.

Submission of Bids

All Bids must be delivered to the Purchasing Manager by the specified opening time of the bid. Bids arriving after the specified time will not be accepted. Mailed bids arriving after the specified time will not be accepted regardless of post-marked time on the envelope.

Three (3) hard copies and one electronic copy of the complete bid in Adobe Acrobat PDF format on a USB flash drive should be submitted in a sealed envelope. The envelope must be clearly marked with the **project name, Bidder's name, address, bid opening location, date and time.**

Withdrawal of Bids

Bidders may withdraw or cancel their bid at any time prior to the bid opening time by submitting a request in writing to the Purchasing Manager at purchase@wilmette.com or by mail at 1200 Wilmette Ave, Wilmette, IL 60091. Mailed requests to withdraw a bid arriving after the specified time will not be accepted regardless of post-marked time on the envelope. After the bid opening time, no bid shall be withdrawn or canceled for a period of ninety (90) calendar days. The successful Bidder shall not withdraw or cancel its bid after having been notified by the Purchasing Manager that said bid has been accepted by the Village Board.

Qualifications of Bidders

Bidder's references must represent that the bidder has the following minimum experience:

- a. Bidders must provide a current Illinois Department of Labor ("IDOT") Certificate of Eligibility with their bid.
- b. Asphalt and concrete contractors and subcontractors must be IDOT prequalified.

Prevailing Wage

The proposed work described herein is covered by the Illinois Prevailing Wage Act. It is the Bidder's responsibility to obtain current prevailing wage rate information from the Illinois Department of Labor.

Consideration of Bids

The work shall be awarded to the responsible Bidder who submits the responsive bid that is most advantageous to the Village.

The Village reserves the right to waive any technicalities, irregularities or award in part or in whole or to not award at all, reject any and all bids, and may order a re-advertisement for new bids or whatever is in the best interest of the Village.

Failure on the part of the successful Bidder to execute a contract within thirty (30) calendar days of its receipt or to provide an acceptable performance bond shall be considered just cause to withdraw the award. In such case the bid security shall be forfeited as liquidated damages and not as a penalty.

If the bid does not meet the entire Village specifications but does substantially meet the requirements, the bidder should indicate, in writing on the Bid Exception Sheet, all deviations from the specifications. The specifications included in this RFB are to be considered as minimum.

Disqualification of Bids

The following will be cause for disqualification of the bid:

- a. Prices excessively high and/or exceed monies available for the intended work;
- b. Failure to submit bid security or surety;
- c. Failure to offer to meet specified delivery or performance schedules;
- d. Failure to price out the bid in conformance to the required format; or qualification of price to protect the Bidder from unknown future market conditions;
- e. Rights of the Village limited under any contract clause;
- f. Reasonable basis to suspect either conflict of interest or collusion among Bidders;
- g. Bidder fails to submit required information, literature, or affidavits with bid;
- h. Late bids;
- i. Failure of any authorized person to sign any required forms or to sign the bid;
- j. Bidder is prohibited by local, state or federal law from entering into public contracts;
- k. Bidder is in arrears or is in default to the Village upon any debt or contract, or that is a defaulter, as surety or otherwise, upon any obligation to the Village;
- l. Bidder has failed to perform faithfully any previous contract with the Village; and
- m. Anything to be in violation of the procurement policies and procedures for the Village of Wilmette.

Competency of Bidder

The Bidder, if requested in writing, must present within five (5) business days, evidence satisfactory to the Village of ability and possession of the necessary facilities, equipment, personnel, prior experience, financial resources, and/or certificates of insurance.

**INSTRUCTIONS TO BIDDERS ON COMPLETING FORMS
2019 Alley and Brick Reconstruction Program**

BIDDER INFORMATION

Company Name: _____

Address: _____

City, State, Zip _____

Contact Name: _____

Phone / Email: _____

The following Bid Forms must be filled out completely, executed by an authorized agent, notarized and sealed, if applicable, and included in the bid per the Submission of Bids instructions on page 04.

BID SUBMISSION FORMS, in this order

<input type="checkbox"/> Bid Cover Sheet
<input type="checkbox"/> This Instructions Page
<input type="checkbox"/> Summary Bid Sheet
<input type="checkbox"/> Base Bid Sheets
<input type="checkbox"/> Alternate Bid One Sheets
<input type="checkbox"/> Alternate Bid Two Sheets
<input type="checkbox"/> Alternate Bid Three Sheets
<input type="checkbox"/> Specifications
<input type="checkbox"/> Reference Form
<input type="checkbox"/> Current Village of Wilmette Contracts Sheet
<input type="checkbox"/> Bid Exceptions Sheet
<input type="checkbox"/> Bid Affirmation and Certification Pages (signed)
<input type="checkbox"/> Certification of Compliance (signed)
<input type="checkbox"/> Current IDOT Certificate of Eligibility
<input type="checkbox"/> Bid Bond
<input type="checkbox"/> W-9

SUCCESSFUL Bidder ONLY

The **successful** Bidder will be required to provide a performance bond and payment bond and execute the Contract included in Appendix One and Two to this RFB. These documents **SHOULD NOT** be completed at the time of bid submission.

SUMMARY BID SHEET
2019 Alley and Brick Reconstruction Program

Total Base Bid Amount (from page 11) \$ _____

Total Base Bid Amount in Words

Alternate Bid 1 Amount (from page 15) \$ _____

Total Alternate Bid 1 Amount in Words

Alternate Bid 2 Amount (from page 19) \$ _____

Total Alternate Bid 2 Amount in Words

Alternate Bid 3 Amount (from page 23) \$ _____

Total Alternate Bid 3 Amount in Words

Total Base Bid and Alternate Bids One, Two & Three. \$ _____

10%

Bid Bond Amount \$ _____

BASE BID SHEETS
2019 Alley and Brick Reconstruction Program

_____ hereby agrees to furnish to the Village all necessary equipment, materials and labor to complete the Work as outlined below in accordance with the provisions, instructions and specifications of the Village for the prices as follows:

					BASE BID FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
1	20100210	TREE REMOV OVER 15	1.00	EACH		\$
2		TEMPORARY FENCE	1,440.00	FOOT		\$
3	20101100	TREE TRUNK PROTECTION	13.00	EACH		\$
4		TREE ROOT PRUNING	24.00	EACH		\$
5		EARTH EXCAVATION	628.00	CU YD		\$
6		POROUS GRAN BACKFILL	92.00	CU YD		\$
7		TRENCH BACKFILL	274.37	CU YD		\$
8		GEOTECH FAB F/GR STAB	4,680.00	SQ YD		\$
9		TOPSOIL F & P VAR DP	132.78	CU YD		\$
10		SEEDING, SPECIAL	496.18	SQ YD		\$
11		SODDING, SPECIAL	1,022.36	SQ YD		\$
12	28000510	INLET FILTERS	16.00	EACH		\$
13		AGG SUBGRADE IMPROVE	220.00	CU YD		\$
14		AGG BASE CSE B	1,091.02	CU YD		\$
15		PCC PVT 8	2,453.00	SQ YD		\$
16		PCC DRIVEWAY PAVT 6	817.00	SQ YD		\$
17	42400200	PC CONC SIDEWALK 5	2,829.00	SQ FT		\$
18	42400300	PC CONC SIDEWALK 6	75.00	SQ FT		\$
19		DETECTABLE WARNINGS	80.00	SQ FT		\$
20	44000100	PAVEMENT REM	2,386.00	SQ YD		\$

BASE BID SHEETS
2019 Alley and Brick Reconstruction Program
(Continued)

					BASE BID FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
21		DRIVE PAVEMENT REM	665.00	SQ YD		\$
22		COMB CURB GUTTER REM	2,302.00	FOOT		\$
23	44000600	SIDEWALK REM	2,829.00	SQ FT		\$
24		CL B PATCH T1 8	25.00	SQ YD		\$
25		CL B PATCH T2 8	25.00	SQ YD		\$
26		CL B PATCH T3 8	25.00	SQ YD		\$
27		CL B PATCH T4 8	100.00	SQ YD		\$
28		CL D PATCH T1 2	25.00	SQ YD		\$
29		CL D PATCH T2 2	25.00	SQ YD		\$
30		CL D PATCH T3 2	25.00	SQ YD		\$
31		CL D PATCH T4 2	112.00	SQ YD		\$
32		CL D PATCH T4 2.5	225.00	SQ YD		\$
33		CL D PATCH T1 4	25.00	SQ YD		\$
34		CL D PATCH T2 4	25.00	SQ YD		\$
35		CL D PATCH T3 4	25.00	SQ YD		\$
36		CL D PATCH T4 4	88.00	SQ YD		\$
37		CL D PATCH T1 6	25.00	SQ YD		\$
38		CL D PATCH T2 6	25.00	SQ YD		\$
39		CL D PATCH T3 6	42.00	SQ YD		\$
40		CL D PATCH T4 6	146.00	SQ YD		\$
41	48101202	AGGREGATE SHLDS B	57.00	CU YD		\$
42		STORM SEW CL B 1 8	350.00	FOOT		\$
43		STORM SEW CL B 1 12	0.00	FOOT	X	X
44		STORM SEW REM & REPL 8	40.00	FOOT		\$
45		CB TA 4 DIA T1F	6.00	EACH		\$

BASE BID SHEETS
2019 Alley and Brick Reconstruction Program
(Continued)

					BASE BID FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
46		CB TC T1F OL	3.00	EACH		\$
47		MAN TA 4 DIA T1F	1.00	EACH		\$
48		INLETS TA T1F	3.00	EACH		\$
49		FR & LIDS T1 OL	1.00	EACH		\$
50		FR & LIDS T1 CL	4.00	EACH		\$
51	60108106	PIPE UNDERDRAINS T1 6	120.00	FOOT		\$
52		CONC CURB TB	105.00	FOOT		\$
53		COMB CC&G TB6.12	375.00	FOOT		\$
54		COMB CC&G TB6.18	1,900.00	FOOT		\$
55		MOBILIZATION	1.00	L SUM		\$
56		TRAFFIC CONT & PROT	1.00	L SUM		\$
57		CLEARING AND GRUBBING	27.00	SQ YD		\$
58		SEWER CONNECTION	3.00	EACH		\$
59		SEWER SERVICE R&R	2.00	EACH		\$
60		BRICK PAVT REMOVAL	18,091.00	SQ FT		\$
61		BRICK PAVT INSTALL	17,562.00	SQ FT		\$
62		BRICK PAVER REM & REP	1,118.00	SQ FT		\$
63		STRUCTURE ADJ	9.00	EACH		\$
64		BYPASS PUMPING, SPECIAL	1.00	L SUM		\$
65		BRICK DRWY REM & REPL	0.00	SQ YD	X	X
66		HMA DRIVEWAY PAVT 3	30.00	SQ YD		\$
67		COMB SEW REM & REPL 10	32.00	FOOT		\$
68		WOOD FENCE REM & REPL	140.00	FOOT	5000.00	\$ 5,000.00
69		LANDSCAPE REST ALLOW	1.00	UNIT		\$

BASE BID SHEETS
2019 Alley and Brick Reconstruction Program
(Continued)

					BASE BID FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
70		SPRINKLER SYSTEM HEAD	16.00	EACH		\$
71		SPRINKLET SYSTEM LINE	200.00	FOOT		\$
72		CONSTRUCTION LAYOUT	1.00	L SUM		\$
73		DRAINAGE STR REMOVED	6.00	EACH		\$
74		EDGE SLOPE ADJUSTMENT	300.00	FOOT		\$
75		VORTEX RESTRICTOR	5.00	EACH		\$
76		BRICK PAVT PATCH	500.00	SQ FT		\$
77		BRICK PAVT PATCH, SPECIAL	5,080.00	SQ FT		\$
78		ARROW BOARD	0.00	DAY	X	X
		TOTAL BASE BID				\$
*IDOT ITEM NUMBER PROVIDED FOR REFERENCE. IF BLANK, THE PAY ITEM HAS A SPECIAL PROVISION.						To Page 07

ALTERNATE BID ONE SHEETS
2019 Alley and Brick Reconstruction Program

_____ hereby agrees to furnish to the Village all necessary equipment, materials and labor to complete the Work as outlined below in accordance with the provisions, instructions and specifications of the Village for the prices as follows:

					ALTERNATE BID 1 FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
1	20100210	TREE REMOV OVER 15	0.00	EACH	X	X
2		TEMPORARY FENCE	120.00	FOOT		\$
3	20101100	TREE TRUNK PROTECTION	1.00	EACH		\$
4		TREE ROOT PRUNING	2.00	EACH		\$
5		EARTH EXCAVATION	330.00	CU YD		\$
6		POROUS GRAN BACKFILL	20.00	CU YD		\$
7		TRENCH BACKFILL	189.00	CU YD		\$
8		GEOTECH FAB F/GR STAB	825.00	SQ YD		\$
9		TOPSOIL F & P VAR DP	13.00	CU YD		\$
10		SEEDING, SPECIAL	40.00	SQ YD		\$
11		SODDING, SPECIAL	100.00	SQ YD		\$
12	28000510	INLET FILTERS	1.00	EACH		\$
13		AGG SUBGRADE IMPROVE	55.00	CU YD		\$
14		AGG BASE CSE B	109.00	CU YD		\$
15		PCC PVT 8	650.00	SQ YD		\$
16		PCC DRIVEWAY PAVT 6	250.00	SQ YD		\$
17	42400200	PC CONC SIDEWALK 5	75.00	SQ FT		\$
18	42400300	PC CONC SIDEWALK 6	50.00	SQ FT		\$
19		DETECTABLE WARNINGS	0.00	SQ FT	X	X
20	44000100	PAVEMENT REM	525.00	SQ YD		\$

ALTERNATE BID ONE SHEETS
2019 Alley and Brick Reconstruction Program
(Continued)

					ALTERNATE BID 1 FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
21		DRIVE PAVEMENT REM	265.00	SQ YD		\$
22		COMB CURB GUTTER REM	25.00	FOOT		\$
23	44000600	SIDEWALK REM	75.00	SQ FT		\$
24		CL B PATCH T1 8	0.00	SQ YD	X	X
25		CL B PATCH T2 8	0.00	SQ YD	X	X
26		CL B PATCH T3 8	0.00	SQ YD	X	X
27		CL B PATCH T4 8	0.00	SQ YD	X	X
28		CL D PATCH T1 2	0.00	SQ YD	X	X
29		CL D PATCH T2 2	0.00	SQ YD	X	X
30		CL D PATCH T3 2	0.00	SQ YD	X	X
31		CL D PATCH T4 2	0.00	SQ YD	X	X
32		CL D PATCH T4 2.5	0.00	SQ YD	X	X
33		CL D PATCH T1 4	0.00	SQ YD	X	X
34		CL D PATCH T2 4	0.00	SQ YD	X	X
35		CL D PATCH T3 4	0.00	SQ YD	X	X
36		CL D PATCH T4 4	0.00	SQ YD	X	X
37		CL D PATCH T1 6	0.00	SQ YD	X	X
38		CL D PATCH T2 6	0.00	SQ YD	X	X
39		CL D PATCH T3 6	20.00	SQ YD		\$
40		CL D PATCH T4 6	0.00	SQ YD	X	X
41	48101202	AGGREGATE SHLDS B	23.00	CU YD		\$
42		STORM SEW CL B 1 8	0.00	FOOT	X	X
43		STORM SEW CL B 1 12	254.00	FOOT		\$
44		STORM SEW REM & REPL 8	0.00	FOOT	X	X
45		CB TA 4 DIA T1F	1.00	EACH		\$

ALTERNATE BID ONE SHEETS
2019 Alley and Brick Reconstruction Program
(Continued)

					ALTERNATE BID 1 FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
46		CB TC T1F OL	1.00	EACH		\$
47		MAN TA 4 DIA T1F	0.00	EACH	X	X
48		INLETS TA T1F	0.00	EACH	X	X
49		FR & LIDS T1 OL	0.00	EACH	X	X
50		FR & LIDS T1 CL	0.00	EACH	X	X
51	60108106	PIPE UNDERDRAINS T1 6	0.00	FOOT	X	X
52		CONC CURB TB	0.00	FOOT	X	X
53		COMB CC&G TB6.12	100.00	FOOT		\$
54		COMB CC&G TB6.18	0.00	FOOT	X	X
55		MOBILIZATION	0.00	L SUM	X	X
56		TRAFFIC CONT & PROT	0.00	L SUM	X	X
57		CLEARING AND GRUBBING	0.00	SQ YD	X	X
58		SEWER CONNECTION	1.00	EACH		\$
59		SEWER SERVICE R&R	0.00	EACH	X	X
60		BRICK PAVT REMOVAL	0.00	SQ FT	X	X
61		BRICK PAVT INSTALL	0.00	SQ FT	X	X
62		BRICK PAVER REM & REP	0.00	SQ FT	X	X
63		STRUCTURE ADJ	0.00	EACH	X	X
64		BYPASS PUMPING, SPECIAL	0.00	L SUM	X	X
65		BRICK DRWY REM & REPL	25.00	SQ YD		\$
66		HMA DRIVEWAY PAVT 3	15.00	SQ YD		\$
67		COMB SEW REM & REPL 10	0.00	FOOT	X	X
68		WOOD FENCE REM & REPL	0.00	FOOT	X	X
69		LANDSCAPE REST ALLOW	0.00	UNIT	X	X

ALTERNATE BID ONE SHEETS
2019 Alley and Brick Reconstruction Program
(Continued)

					ALTERNATE BID 1 FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
70		SPRINKLER SYSTEM HEAD	4.00	EACH		\$
71		SPRINKLET SYSTEM LINE	50.00	FOOT		\$
72		CONSTRUCTION LAYOUT	0.00	L SUM	X	X
73		DRAINAGE STR REMOVED	0.00	EACH	X	X
74		EDGE SLOPE ADJUSTMENT	75.00	FOOT		\$
75		VORTEX RESTRICTOR	0.00	EACH	X	X
76		BRICK PAVT PATCH	0.00	SQ FT	X	X
77		BRICK PAVT PATCH, SPECIAL	0.00	SQ FT	X	X
78		ARROW BOARD	0.00	DAY	X	X
		TOTAL ALTERNATE BID 1:				\$

*IDOT ITEM NUMBER PROVIDED FOR REFERENCE. IF BLANK, THE PAY ITEM HAS A SPECIAL PROVISION.

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ALTERNATE BID TWO SHEETS
2019 Alley and Brick Reconstruction Program

_____ hereby agrees to furnish to the Village all necessary equipment, materials and labor to complete the Work as outlined below in accordance with the provisions, instructions and specifications of the Village for the prices as follows:

					ALTERNATE BID 2 FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
1	20100210	TREE REMOV OVER 15	0.00	EACH	X	X
2		TEMPORARY FENCE	240.00	FOOT		\$
3	20101100	TREE TRUNK PROTECTION	2.00	EACH		\$
4		TREE ROOT PRUNING	4.00	EACH		\$
5		EARTH EXCAVATION	213.00	CU YD		\$
6		POROUS GRAN BACKFILL	16.00	CU YD		\$
7		TRENCH BACKFILL	0.00	CU YD	X	X
8		GEOTECH FAB F/GR STAB	996.00	SQ YD		\$
9		TOPSOIL F & P VAR DP	21.00	CU YD		\$
10		SEEDING, SPECIAL	70.00	SQ YD		\$
11		SODDING, SPECIAL	150.00	SQ YD		\$
12	28000510	INLET FILTERS	2.00	EACH		\$
13		AGG SUBGRADE IMPROVE	40.00	CU YD		\$
14		AGG BASE CSE B	120.37	CU YD		\$
15		PCC PVT 8	905.00	SQ YD		\$
16		PCC DRIVEWAY PAVT 6	309.00	SQ YD		\$
17	42400200	PC CONC SIDEWALK 5	210.00	SQ FT		\$
18	42400300	PC CONC SIDEWALK 6	0.00	SQ FT	X	X
19		DETECTABLE WARNINGS	0.00	SQ FT	X	X
20	44000100	PAVEMENT REM	933.00	SQ YD		\$

ALTERNATE BID TWO SHEETS
2019 Alley and Brick Reconstruction Program
(Continued)

					ALTERNATE BID 2 FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
21		DRIVE PAVEMENT REM	292.00	SQ YD		\$
22		COMB CURB GUTTER REM	147.00	FOOT		\$
23	44000600	SIDEWALK REM	210.00	SQ FT		\$
24		CL B PATCH T1 8	0.00	SQ YD	X	X
25		CL B PATCH T2 8	0.00	SQ YD	X	X
26		CL B PATCH T3 8	20.00	SQ YD		\$
27		CL B PATCH T4 8	0.00	SQ YD	X	X
28		CL D PATCH T1 2	0.00	SQ YD	X	X
29		CL D PATCH T2 2	0.00	SQ YD	X	X
30		CL D PATCH T3 2	0.00	SQ YD	X	X
31		CL D PATCH T4 2	0.00	SQ YD	X	X
32		CL D PATCH T4 2.5	0.00	SQ YD	X	X
33		CL D PATCH T1 4	0.00	SQ YD	X	X
34		CL D PATCH T2 4	0.00	SQ YD	X	X
35		CL D PATCH T3 4	0.00	SQ YD	X	X
36		CL D PATCH T4 4	0.00	SQ YD	X	X
37		CL D PATCH T1 6	0.00	SQ YD	X	X
38		CL D PATCH T2 6	0.00	SQ YD	X	X
39		CL D PATCH T3 6	15.00	SQ YD		\$
40		CL D PATCH T4 6	0.00	SQ YD	X	X
41	48101202	AGGREGATE SHLDS B	21.00	CU YD		\$
42		STORM SEW CL B 1 8	0.00	FOOT	X	X
43		STORM SEW CL B 1 12	0.00	FOOT	X	X
44		STORM SEW REM & REPL 8	0.00	FOOT	X	X
45		CB TA 4 DIA T1F	0.00	EACH	X	X

ALTERNATE BID TWO SHEETS
2019 Alley and Brick Reconstruction Program
(Continued)

2019 ALLEY & BRICK RECONSTRUCTION PROGRAM						
					ALTERNATE BID 2 FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
46		CB TC T1F OL	0.00	EACH	X	X
47		MAN TA 4 DIA T1F	0.00	EACH	X	X
48		INLETS TA T1F	0.00	EACH	X	X
49		FR & LIDS T1 OL	0.00	EACH	X	X
50		FR & LIDS T1 CL	0.00	EACH	X	X
51	60108106	PIPE UNDERDRAINS T1 6	0.00	FOOT	X	X
52		CONC CURB TB	30.00	FOOT		\$
53		COMB CC&G TB6.12	150.00	FOOT		\$
54		COMB CC&G TB6.18	0.00	FOOT	X	X
55		MOBILIZATION	0.00	L SUM	X	X
56		TRAFFIC CONT & PROT	0.00	L SUM	X	X
57		CLEARING AND GRUBBING	0.00	SQ YD	X	X
58		SEWER CONNECTION	0.00	EACH	X	X
59		SEWER SERVICE R&R	0.00	EACH	X	X
60		BRICK PAVT REMOVAL	0.00	SQ FT	X	X
61		BRICK PAVT INSTALL	0.00	SQ FT	X	X
62		BRICK PAVER REM & REP	50.00	SQ FT		\$
63		STRUCTURE ADJ	0.00	EACH	X	X
64		BYPASS PUMPING, SPECIAL	0.00	L SUM	X	X
65		BRICK DRWY REM & REPL	5.56	SQ YD		\$
66		HMA DRIVEWAY PAVT 3	30.00	SQ YD		\$
67		COMB SEW REM & REPL 10	0.00	FOOT	X	X
68		WOOD FENCE REM & REPL	0.00	FOOT	X	X
69		LANDSCAPE REST ALLOW	0.00	UNIT	X	X

ALTERNATE BID TWO SHEETS
2019 Alley and Brick Reconstruction Program
(Continued)

					ALTERNATE BID 2 FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
70		SPRINKLER SYSTEM HEAD	9.33	EACH		\$
71		SPRINKLET SYSTEM LINE	140.00	FOOT		\$
72		CONSTRUCTION LAYOUT	0.00	L SUM	X	X
73		DRAINAGE STR REMOVED	0.00	EACH	X	X
74		EDGE SLOPE ADJUSTMENT	100.00	FOOT		\$
75		VORTEX RESTRICTOR	0.00	EACH	X	X
76		BRICK PAVT PATCH	0.00	SQ FT	X	X
77		BRICK PAVT PATCH, SPECIAL	0.00	SQ FT	X	X
78		ARROW BOARD	0.00	DAY	X	X
		TOTAL ALTERNATE 2 BID:				\$

*IDOT ITEM NUMBER PROVIDED FOR REFERENCE. IF BLANK, THE PAY ITEM HAS A SPECIAL PROVISION.

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ALTERNATE BID THREE SHEETS
2019 Alley and Brick Reconstruction Program

_____ hereby agrees to furnish to the Village all necessary equipment, materials and labor to complete the Work as outlined below in accordance with the provisions, instructions and specifications of the Village for the prices as follows:

					ALTERNATE BID 3 FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
1	20100210	TREE REMOV OVER 15	0.00	EACH	X	X
2		TEMPORARY FENCE	0.00	FOOT	X	X
3	20101100	TREE TRUNK PROTECTION	0.00	EACH	X	X
4		TREE ROOT PRUNING	0.00	EACH	X	X
5		EARTH EXCAVATION	0.00	CU YD	X	X
6		POROUS GRAN BACKFILL	0.00	CU YD	X	X
7		TRENCH BACKFILL	0.00	CU YD	X	X
8		GEOTECH FAB F/GR STAB	0.00	SQ YD	X	X
9		TOPSOIL F & P VAR DP	0.00	CU YD	X	X
10		SEEDING, SPECIAL	0.00	SQ YD	X	X
11		SODDING, SPECIAL	0.00	SQ YD	X	X
12	28000510	INLET FILTERS	0.00	EACH	X	X
13		AGG SUBGRADE IMPROVE	0.00	CU YD	X	X
14		AGG BASE CSE B	0.00	CU YD	X	X
15		PCC PVT 8	0.00	SQ YD	X	X
16		PCC DRIVEWAY PAVT 6	0.00	SQ YD	X	X
17	42400200	PC CONC SIDEWALK 5	0.00	SQ FT	X	X
18	42400300	PC CONC SIDEWALK 6	0.00	SQ FT	X	X
19		DETECTABLE WARNINGS	0.00	SQ FT	X	X
20	44000100	PAVEMENT REM	0.00	SQ YD	X	X

ALTERNATE BID THREE SHEETS
2019 Alley and Brick Reconstruction Program
(Continued)

					ALTERNATE BID 3 FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
21		DRIVE PAVEMENT REM	0.00	SQ YD	X	X
22		COMB CURB GUTTER REM	0.00	FOOT	X	X
23	44000600	SIDEWALK REM	0.00	SQ FT	X	X
24		CL B PATCH T1 8	25.00	SQ YD		\$
25		CL B PATCH T2 8	25.00	SQ YD		\$
26		CL B PATCH T3 8	25.00	SQ YD		\$
27		CL B PATCH T4 8	100.00	SQ YD		\$
28		CL D PATCH T1 2	25.00	SQ YD		\$
29		CL D PATCH T2 2	25.00	SQ YD		\$
30		CL D PATCH T3 2	25.00	SQ YD		\$
31		CL D PATCH T4 2	100.00	SQ YD		\$
32		CL D PATCH T4 2.5	0.00	SQ YD	X	X
33		CL D PATCH T1 4	25.00	SQ YD		\$
34		CL D PATCH T2 4	25.00	SQ YD		\$
35		CL D PATCH T3 4	25.00	SQ YD		\$
36		CL D PATCH T4 4	100.00	SQ YD		\$
37		CL D PATCH T1 6	25.00	SQ YD		\$
38		CL D PATCH T2 6	25.00	SQ YD		\$
39		CL D PATCH T3 6	25.00	SQ YD		\$
40		CL D PATCH T4 6	100.00	SQ YD		\$
41	48101202	AGGREGATE SHLDS B	0.00	CU YD	X	X
42		STORM SEW CL B 1 8	0.00	FOOT	X	X
43		STORM SEW CL B 1 12	0.00	FOOT	X	X
44		STORM SEW REM & REPL 8	0.00	FOOT	X	X
45		CB TA 4 DIA T1F	0.00	EACH	X	X

ALTERNATE BID THREE SHEETS
2019 Alley and Brick Reconstruction Program
(Continued)

					ALTERNATE BID 3 FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
46		CB TC T1F OL	0.00	EACH	X	X
47		MAN TA 4 DIA T1F	0.00	EACH	X	X
48		INLETS TA T1F	0.00	EACH	X	X
49		FR & LIDS T1 OL	0.00	EACH	X	X
50		FR & LIDS T1 CL	0.00	EACH	X	X
51	60108106	PIPE UNDERDRAINS T1 6	0.00	FOOT	X	X
52		CONC CURB TB	0.00	FOOT	X	X
53		COMB CC&G TB6.12	0.00	FOOT	X	X
54		COMB CC&G TB6.18	0.00	FOOT	X	X
55		MOBILIZATION	0.00	L SUM	X	X
56		TRAFFIC CONT & PROT	0.00	L SUM	X	X
57		CLEARING AND GRUBBING	0.00	SQ YD	X	X
58		SEWER CONNECTION	0.00	EACH	X	X
59		SEWER SERVICE R&R	0.00	EACH	X	X
60		BRICK PAVT REMOVAL	0.00	SQ FT	X	X
61		BRICK PAVT INSTALL	0.00	SQ FT	X	X
62		BRICK PAVER REM & REP	0.00	SQ FT	X	X
63		STRUCTURE ADJ	0.00	EACH	X	X
64		BYPASS PUMPING, SPECIAL	0.00	L SUM	X	X
65		BRICK DRWY REM & REPL	0.00	SQ YD	X	X
66		HMA DRIVEWAY PAVT 3	0.00	SQ YD	X	X
67		COMB SEW REM & REPL 10	0.00	FOOT	X	X
68		WOOD FENCE REM & REPL	0.00	FOOT	X	X
69		LANDSCAPE REST ALLOW	0.00	UNIT	X	X

ALTERNATE BID THREE SHEETS
2019 Alley and Brick Reconstruction Program
(Continued)

					ALTERNATE BID 3 FORM	
NO.	IDOT ITEM*	ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL
70		SPRINKLER SYSTEM HEAD	0.00	EACH	X	X
71		SPRINKLET SYSTEM LINE	0.00	FOOT	X	X
72		CONSTRUCTION LAYOUT	0.00	L SUM	X	X
73		DRAINAGE STR REMOVED	0.00	EACH	X	X
74		EDGE SLOPE ADJUSTMENT	0.00	FOOT	X	X
75		VORTEX RESTRICTOR	0.00	EACH	X	X
76		BRICK PAVT PATCH	500.00	SQ FT		\$
77		BRICK PAVT PATCH, SPECIAL	4,000.00	SQ FT		\$
78		ARROW BOARD	8.00	DAY		\$
		TOTAL ALTERNATE 3 BID:				\$

*IDOT ITEM NUMBER PROVIDED FOR REFERENCE. IF BLANK, THE PAY ITEM HAS A SPECIAL PROVISION.

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SPECIFICATIONS

The following Specifications and other provisions shall govern the performance of the proposed Work and will be made a part of the Contract.

LOCATION OF WORK

The project is located at various locations in the Village of Wilmette, Cook County, Illinois. The gross and net length of the project is 3,161 feet (0.60 miles).

DESCRIPTION OF WORK

Phase 1 - Alleys

The proposed work for Phase 1 consists of furnishing all labor, material, and equipment necessary for the completion of pavement removal, aggregate base preparation, Portland Cement Concrete (PCC) installation, curb and gutter removal and replacement, sidewalk removal and replacement, combined and storm sewer spot repairs, utility structure adjustments, driveway removal and replacement, patching, and restoration for all Village-owned alleys identified on the location map included in the Specifications.

Phase 2 – Brick Streets

The proposed work for Phase 2 consists of furnishing all labor, material, and equipment necessary for the completion of brick pavement removal, aggregate base preparation, Brick Pavement installation, curb and gutter removal and replacement, sidewalk removal and replacement, combined and storm sewer spot repairs, utility structure adjustments, driveway removal and replacement, patching, and restoration for Wood Court, as identified on the location map included in the Specifications.

Phase 3 - Patching

Based on available funds, Phase 3 consists of furnishing all labor, material, and equipment necessary for constructing HMA and/or PCC alley patches and Brick Pavement street patches at various locations throughout the Village of Wilmette. Exact patching locations, material, limits, and depths shall be determined in the field by the Village. This work shall be constructed in two mobilizations: one mobilization at the start of the project in May 2019, and one mobilization near the end of the project in October 2019.

Availability of Reports

The following reports are available for Bidders' reference upon request: Soils / Geotechnical Report, Boring Logs and Pavement Cores.

Drawings and reports are available upon request by sending an email requesting them to Purchase@wilmette.com from the Bidder's business email address.

Alternate Bid 1

The proposed work consists of furnishing all labor, material, and equipment necessary for the completion of pavement removal, aggregate base preparation, PCC installation, curb and gutter removal and replacement, sidewalk removal and replacement, storm sewer installation, utility structure adjustments, driveway removal and replacement, and restoration for Alley 512, as identified on the location map included in the Specifications.

Alternate Bid 2

The proposed work consists of furnishing all labor, material, and equipment necessary for the completion of pavement removal, aggregate base preparation, PCC installation, curb and gutter removal and replacement, sidewalk removal and replacement, utility structure adjustments, driveway removal and replacement, and restoration for Alley 619, as identified on the location map included in the Specifications.

Alternate Bid 3

The proposed work consists of furnishing all labor, material, and equipment necessary for constructing HMA and/or PCC street patches for utility repairs at various locations throughout the Village of Wilmette. Exact patching locations, material, limits, and depths shall be determined in the field by the Village during Phase 3.

REFERENCE FORM

Each Bidder **must** supply at least three (3) names, addresses, telephone numbers and names of persons to contact as performance references.

Company Name : _____

Address : _____

City & State : _____

Telephone Number..... : _____

Person to Contact : _____

E-Mail Address : _____

Company Name : _____

Address : _____

City & State : _____

Telephone Number..... : _____

Person to Contact : _____

E-Mail Address : _____

Company Name : _____

Address : _____

City & State : _____

Telephone Number..... : _____

Person to Contact : _____

E-Mail Address : _____

CURRENT VILLAGE OF WILMETTE CONTRACTS SHEET

Do you currently hold any Village of Wilmette contracts?

No

Yes

Please indicate below how your company initially heard about this RFB.

- Email from the Village of Wilmette
- PublicPurchase.com
- DemandStar.com
- Other, _____

BID EXCEPTION SHEET

The Bidder affirms that the prices quoted herein include all equipment, materials, labor, services, personnel, tools, machinery, utilities, supplies, insurance, bonds, supervision, overhead expense, profits, appliances, transportation and delivery charges, temporary facilities, licenses, permits, facilities and incidentals reasonably inferred as necessary to complete the Work in a timely and workmanlike manner. Any and all exceptions to these specifications MUST be clearly and completely indicated below. Attach additional pages if necessary.

EXCEPTIONS TAKEN: NO YES (List below)

BID AFFIRMATION AND CERTIFICATION**IN SUBMITTING THE BID, BIDDER AFFIRMS THAT IT:**

1. Has carefully examined all of the documents included in this RFB, including Addenda Nos. _____ (if none, write "NONE") and accepts the terms and conditions therein;
2. Bidder acknowledges that it is satisfied as to the general, local and site conditions that may affect cost, progress, performance and the furnishing of the Work;
3. Is familiar with the federal, state and local laws and regulations that may affect cost, progress, performance and the furnishing of the Work;
4. Is aware of the general nature of work, if any, to be performed by the Village or others that may relate to Work for which this bid is submitted as indicated in the RFB; and,
5. Has given the Village written notice of all conflicts, errors, ambiguities or discrepancies that Bidder has discovered in the RFB, if any, and the written resolution thereof by the Village is acceptable to Bidder. The RFB is generally sufficient to indicate and convey an understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.

FURTHER, IN SUBMITTING THIS BID BIDDER CERTIFIES THAT:

1. The prices in this bid have been arrived at independently, without consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other Bidder or with any competitor;
2. Unless otherwise required by law, the prices which have been quoted in the bid have not knowingly been disclosed by Bidder, prior to opening, directly or indirectly to any other Bidder or to any competitor;
3. This bid has not been made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation;
4. Has not directly or indirectly induced or solicited any other Bidder to submit a false or sham bid; has not solicited or induced any person, firm or corporation to bid or refrain from bidding; and has not sought by collusion to obtain for itself any advantage over any other Bidder or over the Village; and,

5. They are familiar with all conditions, instructions, and contract documents governing this bid, including the Bond and Contract terms attached in Appendix One and Appendix Two and that any exceptions to the contract documents are included on the Bid Exception Sheets.

SIGNED AND SWORN THIS _____ DAY OF _____, 2019.

Entity Name: _____

Entity Type: (circle one) Individual, d/b/a, Corporation, LLC, LLP, Joint Venture, Partnership, Other

Authorized Signature: _____

Name / Title: (Print) _____

Mailing Address: _____

City/State/Zip: _____

Phone / Email: _____

Subscribed and sworn before me
this ____ day of _____, 2019

Notary Public:

CERTIFICATION OF COMPLIANCE

DESCRIPTION: 2019 Alley and Brick Reconstruction Program

_____, having been duly sworn, depose and states as follows:

Having submitted an offer for the above goods and/or services, We hereby certify that: *(initial all that apply)*

PLEASE CHECK ALL APPLICABLE BOXES

BARRED FROM BIDDING: We are not barred from bidding on these goods and/or services as a result of a violation of either 720 ILCS 5/33E or of any similar statute of another state or a federal statute containing the same or similar elements.

SEXUAL HARASSMENT: We have a written sexual harassment policy in place in full compliance with 775 ILCS 5/2-105(A) (4).

PAYMENT OF TAXES: We are not delinquent in the payment of any tax administered by the Illinois Department of Revenue; or if we are, it: (a) is contesting its liability for the tax or the amount of tax in accordance with procedures established by the Approved Revenue Act; or (b) has entered into an agreement with the Department of Revenue for payment of all taxes due and is currently in compliance with that agreement.

EQUAL PAY ACT: Engineers, Contractors, and all subcontractors thereof, shall at all times comply with the provisions of the Illinois Equal Pay Act of 2003, 820 ILCS 112/1, *et seq.*

CONFINED SPACE ENTRY: We will comply with all requirements of 29 CFR Part 1910 Permit Required for Confined Spaces for General Industry; including Section 1910.146(c) (9) "In addition to complying with the permit space requirements that apply to all employers, each Engineer who is retained to perform permit space entry operations shall: (a) obtain any available information regarding permit space hazards and entry operations from the host employer; (b) coordinate entry operations with the host employer, when both host employer personnel and Engineer personnel will be working in or near permit spaces, as required by paragraph (d)(11); and (c) inform the host employer of the permit space program that the Engineer will follow and of any hazards confronted or created in permit spaces, either through a debriefing or during the entry operation."

DRUG-FREE WORKPLACE: We will comply with all requirements Pursuant to Chapter 30, Section 580/1 of the Illinois Compiled Statutes (30 ILCS 580/1) *et. Seq.* entitled "Drug Free Workplace Act"; we will provide a drug-free workplace by:

- 1) Publishing a statement:
 - a) Notifying employees that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance, including cannabis, is prohibited in the grantee's of Engineer's workplace.
 - b) Specifying the actions that will be taken against employees for violations of such prohibition.
 - c) Notifying the employee that, as a condition of employment on such contract or grant, the employee will:
 - i) Abide by the terms of the statement; and
 - ii) Notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than 5 days after such conviction.
- 2) Establishing a drug free awareness program to inform employees about:
 - a) the dangers of drug abuse in the workplace;
 - b) the grantee's or Engineer's policy of maintaining drug free workplace;

- c) any available drug counseling, rehabilitation, and employee assistance program; and
 - d) the penalties that may be imposed upon employees for drug violations.
- 3) Making it a requirement to give a copy of the statement required by subsection (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
 - 4) Notifying the contracting agency within 10 days after receiving notice under part (B) of paragraph (3) of subsection (a) from an employee or otherwise receiving actual notice of such conviction.
 - 5) Imposing a sanction on, or requiring the satisfactory participation in a drug assistance or rehabilitation program by any employee who is so convicted, as required by Section 5 (30 ILCS 580/5) of the Act.
 - 6) Assisting employees in selecting a course of action in the event drug counseling treatment and rehabilitation is required, and indicating that a trained referral team is in place.
 - 7) Making a good faith effort to continue to maintain a drug free workplace through implementation of this Section.
 - 8) Failure to abide by this certification shall subject the Engineer to the penalties provided in Section 6 (30 ILCS 580/6) of the Act.

NATIONAL SECURITY/USA PATRIOT ACT: We represent and warrant that, pursuant to the requirements of the USA Patriot Act and applicable Presidential Executive Orders, neither we nor any of our principals, shareholders, members, partners, or affiliates, as applicable, as a person or entity are named as a Specially Designated National and Blocked Person (as defined in Presidential Executive Order 13224) and that we are not acting, directly or indirectly, for or on behalf of a Specially Designated National and Blocked Person. We further represent and warrant that we and our principals, shareholders, members, partners, or affiliates, as applicable, are not, directly or indirectly, engaged in, and are not facilitating, the transactions contemplated by this Agreement on behalf of any person or entity named as a Specially Designated National and Blocked Person.

We further represent and warrant we are not acting, directly or indirectly, for or on behalf of any person, group, entity, or nation named by the United States Treasury Department as a Specially Designated National and Blocked Person, or for or on behalf of any person, group, entity, or nation designated in Presidential Executive Order 13224 as a person who commits, threatens to commit, or supports terrorism; and that we are not engaged in this transaction directly or indirectly on behalf of or facilitating this transaction directly or indirectly on behalf of, any such person, group, entity, or nation.

We hereby agree to defend, indemnify, and hold harmless the Village of Wilmette, its Corporate Authorities, and all Village of Wilmette elected or appointed officials, officers, employees, agents, representative, engineers, and attorneys, from and against any and all claims, damages, losses, risks, liabilities, and expenses (including reasonable attorneys' fees and costs) arising from or related to any breach of the foregoing representation and warrant.

EQUAL EMPLOYMENT OPPORTUNITY: In the event of the Engineer's non-compliance with the provisions of this Equal Employment Opportunity Clause, the Illinois Human Rights Act or the Rules and Regulations of the Illinois Department of Human Rights ("Department"), the Engineer may be declared ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be cancelled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation. During the performance of this contract, the Engineer agrees as follows:

- 1) That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, marital status, national origin or ancestry, citizenship status, age, physical or mental handicap unrelated to ability, military status, or an unfavorable discharge from military service; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.
- 2) That, if it hires additional employees in order to perform this contract or any portion thereof, it will determine the availability (in accordance with the Department's Rules) of minorities and women in the areas from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
- 3) That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, sexual orientation, marital status, national origin or ancestry, citizenship status, age, physical or mental handicap unrelated to ability, military status, or an unfavorable discharge from military service.
- 4) That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Engineer's obligations under the Illinois Human Rights Act and the Department's Rules. If any such labor organization or representative fails or refuses to cooperate with the Engineer in its efforts to comply with such Act and Rules, the Engineer will promptly so notify the Department and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.
- 5) That it will submit reports as required by the Department's Rules, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules.
- 6) That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and the Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules.
- 7) That it will include verbatim or by reference the provisions of this clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as with other provisions of this contract, the Engineer will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the Engineer will not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

ILLINOIS PUBLIC WORKS EMPLOYMENT DISCRIMINATION ACT

- 1) Discrimination in employment prohibited: (a) No person shall be refused or denied employment in any capacity on the ground of unlawful discrimination, as that term is defined in the Illinois Human Rights Act, nor be subjected to unlawful discrimination in any manner, in connection with the contracting for or the performance of any work or service of any kind, by, for, on behalf of, or for the benefit of this State, or of any department, bureau, commission, board, or other political subdivision or agency thereof (b) The Illinois Human Rights Act applies to all contracts identified in subsection (a). 10/2. Deemed incorporated in contract: The provisions of this Act shall automatically enter into and become a part of each and every contract or other agreement hereafter entered into by, with, for, on behalf of, or for the benefit of this State, or of any department, bureau, commission, board, other political subdivision or agency, officer or agent thereof, providing for or relating to the performance of any of the said work or services or of any part thereof.
- 2) Includes independent contractors, etc.: The provisions of this Act also shall apply to all contracts entered into by or on behalf of all independent contractors, subcontractors, and any and all other persons, association or corporations, providing for or relating to the doing of any of the said work or the performance of any of the said services, or any part thereof.
- 3) Deduction from compensation: No Engineer, subcontractor, nor any person on his or her behalf shall, in any manner, discriminate against or intimidate any employee hired for the performance of work for the benefit of the State or for any department, bureau, commission, board, other political subdivision or agency, officer or agent thereof, on account of race, color, creed, sex, religion, physical or mental handicap unrelated to ability, or national origin; and there may be deducted from the amount payable to the Engineer by the State of Illinois or by any municipal corporation thereof, under this contract, a penalty of five dollars for each person for each calendar day during which such person was discriminated against or intimidated in violation of the provisions of this Act.
- 4) Recovery by injured person: Any person, agency, corporation or association who violates any of the provisions of this Act, or who aids, abets, incites or otherwise participates in the violation of any of the provisions, whether the violation or participation therein occurs through action in a private, public or in any official capacity, shall be guilty of a petty offense for each and every violation or participation therein with respect to each person aggrieved thereby, to be recovered by each such aggrieved person, or by any other person to whom such aggrieved person shall assign his cause of action, in the circuit court in the county in which the plaintiff or the defendant shall reside.
- 5) Violations; punishment: Any person who or any agency, corporation or association which shall violate any of the provisions of the foregoing sections, or who or which shall aid, abet, incite or otherwise participate in the violation of any of the said provisions, whether the said violation or participation therein shall occur through action in a private, in a public, or in any official capacity, shall also be deemed guilty of a petty offense for each and every said violation or participation or, in the case of non-corporate violators, or participators, of a Class B misdemeanor.
- 6) To be inscribed in contract: The provisions of this Act shall be printed or otherwise inscribed on the face of each contract to which it shall be applicable, but their absence therefrom shall in no wise prevent or affect the application of the said provisions to the said contract.
- 7) Partial invalidity; construction: The invalidity or unconstitutionality of any one or more provisions, parts, or sections of this Act shall not be held or construed to invalidate the whole or any other provision, part, or section thereof, it being intended that this Act shall be sustained and enforced to the fullest extent possible and that it shall be construed as liberally as possible to prevent refusals, denials, and discriminations of and with reference to the award of contracts and employment thereunder, on the ground of race, color, creed, sex, religion, physical or mental handicap unrelated to ability, or national origin.

PLEASE CHECK THE APPLICABLE BOX

There are no conflicts of interest: and in the event that a conflict of interest is identified anytime during the duration of this award, or reasonable time thereafter, you, your firm or your firm's ownership, management or staff will immediately notify the Village of Wilmette in writing.

There is an affiliation or business relationship between you, your management or staff, your firm, or your firm's ownership, and an employee, officer, or elected official of the Village of Wilmette who makes recommendations to the Village of Wilmette with respect to expenditures of money, employment, and elected or appointed positions. Provide any and all affiliations or business relationships that might cause a conflict of interest or any potential conflict of interest. Include the name of each Village of Wilmette affiliate with whom you, your firm, or your form's ownership, management or staff, has an affiliation or a business relationship.

PLEASE CHECK THE APPLICABLE BOX

We have a good safety record with OSHA.

We have had an OSHA violation within the past 5 years. (Attach explanation)

SIGNATURE OF PARTY AUTHORIZED TO EXECUTE THIS AGREEMENT

By: _____
(Signature)

By: _____
(Print Name)

d/b/a _____

Business address: _____

Business Phone #: _____

Cell Phone #: _____

E-Mail Address: _____

VILLAGE OF WILMETTE BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, _____
_____ as Principal, and _____ as Surety, are hereby
held and firmly bound unto the Village of Wilmette as OWNER in the penal sum of _____
_____ (representing **10% of the Base Bid Amount**) for the payment of which, well and truly to be made, we
hereby jointly and severally bind ourselves, successors and assigns.

Signed, this _____ day of _____, 2019.

The Condition of the above obligation is such that whereas the Principal has submitted to
_____ a certain BID, attached hereto and
hereby made a part hereof to enter into a contract in writing, for the project: No. 19044 – 2019 Alley and
Brick Reconstruction Program

NOW, THEREFORE,

- (a) If said BID shall be rejected, or
- (b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said BID) and shall furnish a BOND for his faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated. The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its BOND shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such bid; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Principal (L.S.)

Surety

By: _____

IMPORTANT-Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.

Signed and sworn this _____ day of _____, 2019

APPENDIX ONE

Performance Bond
Payment Bond
Successful Bidder Only

PERFORMANCE BOND

BE IT KNOWN TO ALL PERSONS that:

_____ (Name of Contractor)

_____ (Address)

hereinafter referred to as "Principal" and,

_____ (Name of Surety)

_____ (Address)

hereinafter referred to as "Surety"

are held and firmly bound unto the Village of Wilmette, 1200 Wilmette Avenue, Wilmette, Illinois, 60091, (hereinafter referred to as "Owner") in the penal sum of _____ Dollars, (\$_____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, executors and administrators, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that Principal and Surety agree to bind themselves, successors, executors, administrators and assigns, jointly and severally, for the full and faithful performance of **Contract No. 19044** dated the ___ day of _____ 2019, (hereinafter referred to as the "Contract")(a copy of which is attached and incorporated by reference as though fully set forth herein) for the **2019 ALLEY AND BRICK RECONSTRUCTION PROGRAM** ("Work") in accordance with the Contract Documents.

NOW, THEREFORE, if the Principal shall well, truly, fully and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said Contract during the original term thereof, and any extensions thereof which may be granted by the Owner, with or without notice to the Surety, including its agreement to guaranty and maintain said Work for a one (1) year period following final payment to such Principal, and if Principal shall satisfy all claims and demands incurred under such Contract, and shall fully indemnify and save harmless the Owner from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the Owner all outlay and expense which the Owner may incur in making good any default, then the amount of this Bond shall be reduced to ten percent (10%) of the amount set forth on the first page hereof for a period of one (1) year; otherwise to remain in full force and effect.

PROVIDED FURTHER, that said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the Work to be performed thereunder or to the Contract Documents accompanying the same, shall in any way affect its obligation on this Bond and it does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the Contract or to the Work or to the Contract Documents.

PROVIDED FURTHER, that no final settlement between the Owner and Principal shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in ____ counterparts, each one of which shall be deemed an original and this the ____ day of _____ 2019.

ATTEST:

_____ (Principal)

By: _____

ATTEST:

_____ (Surety)

By: _____

NOTE: Date of Bond must not be prior to date of Contract.
If Contractor is Partnership, all partners should execute Bond.

IMPORTANT: Surety companies executing Bonds must appear on the Treasury Departments most current list (Circular 570 as amended) and be authorized to transact business in the state where the Work is located.

PAYMENT BOND

BE IT KNOWN TO ALL PERSONS: that

_____ (Name of Contractor)

_____ (Address)

hereinafter referred to as "Principal" and,

_____ (Name of Surety)

_____ (Address)

hereinafter referred to as "Surety"

are held and firmly bound unto the Village of Wilmette, 1200 Wilmette Avenue, Wilmette, Illinois, 60091, (hereinafter referred to as "Owner") in the penal sum of _____ Dollars, (\$_____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, executors and administrators, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, Principal entered into **Contract No. 19044** with the Owner, dated the ____ day of _____, 2019, a copy of which is hereto attached and made a part hereof for the **2019 Alley and Brick Reconstruction program** ("Work").

NOW, THEREFORE, if Principal shall promptly make payment to all persons, firms, subcontractors, corporations and others furnishing materials for or performing labor in the prosecution of the Work provided for in such Contract or the Contract Documents, and any authorized extension or modification thereof, including, but not limited to, all amounts due for services, inspections, supplies, materials, repairs on machinery, equipment and tools, consumed or used in connection with the construction of such Work, and all insurance premiums on said Work, and for all labor performed in such Work whether by subcontractor or otherwise, then this obligation shall be void; otherwise it shall remain in full force and effect.

PROVIDED FURTHER, that the said Surety for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the Work to be performed hereunder or the Contract Documents accompanying the same shall in any wise affect its obligation on this Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the Work or to the Contract Documents.

PROVIDED, FURTHER, that no final settlement between the Owner and the Principal shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

APPROVED this day ____ of _____, 2019.

VILLAGE OF WILLMETTE

BY: _____
Village President

ATTEST: _____
Village Clerk

WITNESS WHEREOF, this instrument is executed in ____ counterparts, each one of which shall be deemed an original on the dates stated herein.

Accepted this day ____ of _____, 2019.

_____ (Principal)

By: _____
Name/Title

Accepted this day ____ of _____, 2019.

_____ (Surety)

By: _____
Name/Title

NOTE: Date of Bond must not be prior to date of Contract.
If Contractor is Partnership, all partners should execute Bond.

IMPORTANT: Surety companies executing Bonds must appear on the Treasury Department's most current list (Circular No. 570 as amended) and be authorized to transact business in the State of Illinois. representative, engineers, and attorneys, from and against any and all claims, damages, losses,

APPENDIX TWO

Contract with Successful Bidder Only



**VILLAGE OF WILMETTE
1200 Wilmette Ave
Wilmette, IL 60091**

Contract No. 19044

For:

2019 Alley and Brick Reconstruction Program

With:

**Tbdvname
Tbdvaddress
Tbdvcitystatezip**

Note: This cover sheet is an integral part of the contract documents, as are all of the following documents, and are a part of this contract as executed between the Village of Wilmette and Tbdvname. Do not detach any portion of this document. Invalidation could result.

1. The intent of the Agreement is to furnish all of the labor, material, and equipment necessary for the completion of one (1) brick roadway and up to six (6) alleys, and approximately 3,161 feet of brick repairs at various locations as directed by the Village ("2019 Alley and Brick Reconstruction program") per the Specification shown in Attachment One ("Attachment One"), Attachment Two ("Attachment Two") and Attachment Three ("Attachment Three") of this document. The Agreement is for the bid offered by **Tbdvname** ("Contractor") to the Village of Wilmette ("Village").

2. This Addendum is made pursuant to the _____ dated _____, _____, 2018 attached as Attachment One. Together this Addendum, Attachment One, Attachment Two and Attachment Three shall comprise the Agreement between the parties.

3. Incorporation. This Addendum is incorporated into Attachment One, Attachment Two and Attachment Three and the Agreement shall not be effective unless this Addendum is also executed by the Parties.

4. Total Contract Amount. The total amount of the Contract shall not exceed \$ _____, including expenses.

5. Payment. Contractor shall submit invoices monthly by email to AP@wilmette.com and must include the Village's Purchase Order number prominently displayed on page 1 of the invoice. Invoices may also be sent by mail to the Village of Wilmette, Finance Department, 1200 Wilmette Ave., Wilmette, IL 60091-0440. Payment of invoices with the Village's Purchase Order number will be due within 30 days of receipt at either AP@wilmette.com or at the above mailing address. Invoices received without the Village's Purchase Order number will be due within 45 days of receipt at either AP@wilmette.com or at the above mailing address.

Contractor shall submit invoices no more than once per month and the invoices shall reflect all prior amounts billed and paid to date.

The Contractor is required to complete contract line items to 100% on each street segment before it will be included on a pay request. The Contractor shall submit an updated construction schedule, waivers of lien, and updated certified payroll reports for themselves and ALL subcontractors with each pay request. Failure to complete the updated schedule and updated certified payroll reports will result in the return of the pay request.

Invoices will be paid net of any fines, penalties and/or damages assessed by the Village against the Contractor.

6. Tax exempt. The Village is a tax-exempt municipality. The Village's Department of Revenue Tax Exempt ID # is E9998-1106-07. Contractor shall not charge the Village any tax incurred by the Contractor for these services.

7. Scope of Work. The scope of Work sought by the Village shall include the provision of all required labor, materials, equipment and expertise related to the 2019 Alley and Brick Reconstruction program as outlined in Attachment One, Attachment Two and Attachment Three.

8. Coordination of Work. Contractor shall be in charge of and responsible for the coordination, scheduling, performance and sequence of all elements of the work unless otherwise stated.

9. Supervision of Work. Contractor shall properly supervise the performance of the Work so as to ensure its completion in a timely manner, safely, accurately, and in accordance with the requirements of the contract documents. Contractor shall be fully responsible and assumes liability for the acts and omissions of all persons directly or indirectly employed by, or working at the direction of, the Contractor in the completion of the work.

10. Quality of the Work. Contractor shall perform all Work required of it under this Contract with that degree of skill, care and diligence normally shown by a Contractor performing Work of a scope and purpose and magnitude comparable with the nature of the Work to be provided under this Contract.

11. Timing of Work. The Work is expected to begin and end, including punch list items as follows:

Phase	Start Date	End Date
Phase 1 – Alleys	May 20, 2019	July 19, 2019
Phase 2 – Brick Street	July 22, 2019	September 20, 2019
Phase 3 – Patching	May 20, 2019	October 18, 2019

No Work shall be done prior to the receipt of a mutually agreed to and signed contract and a Village Purchase Order signed by the Village's purchasing manager.

12. Correction of Work. Upon receipt of notice, Contractor shall promptly remove from the site and replace any material or correct any defective Work or Work that fails to conform to the requirements of the Contract Documents, whether completed or not and whether observed before or after Substantial or Final Completion. Contractor shall pay all costs of correcting such Work or material including the cost of additional professional services necessary, and the cost of repairing or replacing all other Work damaged by such removal or replacement.

If within one year after the date of Substantial Completion (or such longer period of time prescribed by any special guarantee or warranty) any Work is found to be defective, Contractor shall promptly, at its sole cost and expense and without cost to the Village, repair, replace or correct such defective Work along with any damage to other Work resulting therefrom.

Contractor's obligations under this Paragraph are in addition to any other obligation or guarantee or warranty contained in the Contract Documents and shall survive the termination of the Contract. The terms of this Section are not in lieu of, and shall not be construed as a waiver of, any applicable statute of limitation or repose.

If the Contractor fails to correct defective Work within a reasonable time, the Village may perform the necessary corrections. A Change Order will be then be issued reflecting an equitable deduction from the Contract Amount for the costs of correction incurred by the Village. The costs of correction will be deducted from payments due to the Contractor or, if no further payments are due to Contractor, then the Contractor's surety will be responsible for said payment.

13. Changes In Work. The Village reserves the right to make changes in the scope of the Contract or issue instructions requiring additional Work or direct the deletion of certain Work. Any such changes by the Village shall not invalidate the Contract or relieve the Contractor of any obligations under the Contract Documents. Changes to the Work shall be authorized in writing and executed by the Parties by means of a Change Order.

A Change Order for Work is not necessary (and Contractor shall not be entitled to additional compensation) when the Work is reasonably inferable as within the Contract Documents, or, when the Work was made necessary as a result of an error or omission of the Contractor or any subcontractor.

Contractor shall not be entitled to an adjustment to the Contract Amount or Contract Time for any work performed: outside the scope of the Contract Documents and for which no prior written authorization by the Village was obtained; which exceeds the Contract Amount or other agreed upon pricing and for which no Change Order was executed; or, relates to differing site conditions that require prior written notice before proceeding.

14. Warranty. Contractor warrants to the Village that all material and equipment furnished under this Contract shall be new and of the most suitable grade for the purpose intended and that all Work shall be of good quality, free from faults and defects and in conformance with the Contract Documents. Prior to Final Completion, Contractor shall deliver to the Village all warranties required under the Contract Documents, or to which Contractor is entitled from manufacturers, suppliers, and Subcontractors. All warranties for products and materials incorporated into the Work shall begin on the date of Substantial Completion.

Neither the final payment nor partial or entire use or occupancy of the site by the Village shall constitute an acceptance of Work not done in accordance with Contract Documents or relieve the Contractor or its sureties of liability with respect to any warranties or responsibilities for faulty or defective materials and workmanship. Contractor or its sureties shall remedy any defects in Work and any resulting damage to Work at its own expense. Contractor shall be liable for correction of all damage resulting from defective Work. If Contractor fails to remedy any defects or damage, the Village may correct the defective Work or repair damages and the cost and expense incurred shall be paid by or be recoverable from the Contractor or its surety.

Contractor warrants that the Work shall be done in a workmanlike manner in strict accordance with the Contract Documents and guarantees that the labor, material, and equipment will be free of defects for a period of one (1) year from the date of Substantial Completion unless otherwise provided.

Contractor warrants that no materials or supplies for the Work purchased by Contractor or any Subcontractor are subject to any chattel mortgage or other condition or agreement by which an interest is retained by the seller. Contractor further warrants that he/she has good title to all materials and supplies used in the performance of the Work, and any such materials and supplies are free from all liens, claims or encumbrances. Contractor agrees to indemnify and save the Village harmless from all claims and costs incurred with respect to the lawful demands of Subcontractors, laborers, workmen, mechanics and suppliers of machinery, parts, equipment, tools, and materials arising from Contractor's breach of this Section.

15. Limitation of Remedy. Village’s liability to Contractor for breach of this Contract shall be limited to amounts due for acceptable goods and services already received or performed and not paid for, not to exceed the Total Contract Amount.

16. Relationship of the Parties. The Contractor shall act as an independent contractor in providing and performing all work. Nothing in or done pursuant to, this Contract shall be construed (1) to create the relationship of principal and agent, employer and employee, partners, or joint ventures between the Village and the Contractor; or (2) to create any relationship between the Village and any subcontractor of the Contractor.

17. No Collusion. The Contractor represents and certifies that this Contract is made by the Contractor without collusion with any other person, firm, or corporation. If at any time it shall be found that the Contractor has, in procuring this Contract, colluded with any other person, firm, or corporation, then the Contractor shall be liable to the Village for all loss or damage that the Village may suffer, and this Contract shall, at the Village’s option, be null and void.

18. Licensure and Compliance with Laws. Contractor represents that it has all necessary licenses and permits to perform its services in the State of Illinois and the Village of Wilmette, and that at all times it shall comply with applicable law, including the Fair Debt Collection Practices Act. Contractor shall review and where appropriate certify its compliance with certain laws as provided for in the Certification of Compliance attached.

19. Amendment. No amendment or modification to the Contract shall be effective unless and until such amendment or modification is in writing, properly approved in accordance with applicable procedures, and executed by both the Village and the Contractor.

20. Assignment. The Contract may not be assigned by the Village or by the Contractor without the prior written consent of the other party.

21. Notice. Any required or permitted notices hereunder must be given in writing at the address of each party set forth below, or to such other address as either party may substitute by written notice to the other in the manner contemplated herein, by one of the following methods: hand delivery; registered, express, or certified mail, return receipt requested, postage prepaid; or nationally-recognized private express courier:

<u>Contractor</u>	<u>Village</u>	<u>with a copy to:</u>
Tbdvname	Director	Corporation Counsel
Tbdvaddress	Engineering & Public Works	1200 Wilmette Ave
Tbdcitystatezip	1200 Wilmette Avenue	Wilmette, IL 60091
	Wilmette, IL 60091	

22. Binding Effect. The terms of this Contract shall bind and inure to the benefit of the parties hereto and their agents, successors, and assigns.

23. No Third Party Beneficiaries. No claim as a third party beneficiary under the Contract by any person, firm, or corporation other than the Contractor shall be made, or be valid, against the Village.

24. Waiver. No waiver of any provision of the Contract shall be deemed to or constitute a waiver of any other provision of the Contract (whether or not similar) nor shall any such waiver be deemed to constitute a continuing waiver unless otherwise expressly provided in this Contract.

25. Prevailing Wage Rate. All Contractors and subcontractors must pay prevailing wages as required by the Illinois Prevailing Wage Act (820 ILCS 130/01. et. seq.). The Prevailing Wage Act requires that all Contractors and subcontractors performing work on any public works pay the generally prevailing rate of hourly wages and benefits in the locality where the work is done for the craft or type of worker or mechanic needed on the project. The Contractor and subcontractors must submit, on a monthly basis, a certified payroll to the Village of Wilmette. The Contractor and subcontractors are responsible for ensuring their understanding and compliance with all aspects of the Act. Pursuant to the Prevailing Wage Act, the Contractor must insert into each subcontract (and each Subcontractor to cause to be inserted into each lower tiered subcontract) and into the project specifications for each subcontract a written stipulation to the effect that not less than the prevailing rate of wages shall be paid to all laborers, workers, and mechanics performing Work under the Agreement.

If the prevailing wage rates are revised by the Illinois Department of Labor at any time during the term of this Agreement, the revised prevailing wage rates shall apply to the work performed pursuant to the Agreement, and all Contractors and subcontractors shall pay their employees in accordance with the new prevailing wage rate. Prevailing wage rate updates can be obtained from the Illinois Department Labor at 1 West Old State Capitol Plaza, Room 300, Springfield, Illinois 62701, (217) 782-1710, or on the Internet at <http://www.state.il.us/agency/idol/>.

Contractor shall defend and hold harmless the Village, for any claim, suit or action, including costs of defense, expert witness and attorney fees, either at law, equity or in an administrative proceeding, arising from any alleged violation of the Prevailing Wage Act. The requirements of this Section shall survive the termination of the Agreement formed hereunder.

26. Contractor's Insurance Requirements. At the time of execution of the Agreement, Contractor shall furnish to the Village satisfactory proof of the required insurance coverage stated below. Such proof shall consist of certificates executed by the respective insurance companies together with executed copies of an "Additional Insured Endorsement" provided on standard Insurance Service Office ("ISO") forms which shall be made a part hereof. Use of "manuscript" or other non-standardized ISO forms is not acceptable. Said certificates shall expressly provide that, for the duration of the Agreement, the insurance policy shall not be suspended, cancelled, or reduced in coverage or amount. In addition, said certificates shall name the Village and its corporate authorities, officers, agents and employees as additional insured's on all required insurance policies.

Contractor shall procure and maintain without interruption from the time of the execution of the Contract until final payment, insurance against all claims for injury to or death of a person or persons or damage to property, which may arise wholly or in part from the performance of the work hereunder by Contractor or its subcontractors. The scope of coverage shall be at least as broad as, and shall be in amounts not less than, the following:

- a. Commercial General Liability, \$1,000,000 combined single limit per occurrence for personal bodily injury and property damage. The general aggregate shall be no less than \$2,000,000;
- b. Umbrella Coverage, \$2,000,000 per occurrence;

- c. Business Auto Liability, \$1,000,000 combined single limit for bodily injury and property damage;
- d. Workers Compensation – covering all liability of the Contractor arising under the Worker’s Compensation Act and Workmen’s Occupational Disease Act;; Employers Liability \$1,000,000.00 (the policy shall include a 'waiver of subrogation').
- e. Owners and Contractor’s Protective Liability, \$1,000,000 combined single limit per occurrence for bodily injury and property damage, with the Village as named insured;
- f. Builder’s Risk against all risk of physical damage, including water damage (flood and hydrostatic pressure not excluded), on a completed replacement cost basis.

All insurance required herein of Contractor shall be valid and enforceable policies, insured by insurers licensed and permitted to do business by the State of Illinois or surplus line carriers qualified to do business in the State of Illinois. All insurance carriers and surplus line carriers shall be rated A-, VII or better by A.M. Best Company.

Contractor shall require all subcontractors not protected under the Contractor’s policies to take out and maintain insurance of the same nature, in the same amounts and under the same terms as required herein of Contractor. Contractor shall confirm subcontractor compliance with the requirements stated herein prior to the performance of any work by a subcontractor.

Contractor expressly understands and agrees that any bonds or insurance policies required to be maintained shall in no way limit, to any extent, Contractor’s responsibility to indemnify, keep and save harmless and defend the Village its officers, agents, employees, representatives and assigns. Contractor’s insurance coverage shall be primary as respects to any insurance or self-insurance maintained by the Village, which insurance of the Village shall be excess of Contractor’s insurance and shall not contribute with it.

27. Performance and Payment Bonds. The Contractor will be required to furnish Performance and Payment Bonds for one hundred (100%) percent of the contract sum. Said Bonds shall be in a form acceptable to the Village and must be deposited with the Village at the time of execution of the Contract.

Surety companies executing bonds must appear on the Treasury Department’s most current list as published in Circular No. 570 and be authorized to transact business in the State of Illinois. Said bonds shall provide that they do not terminate upon completion of the Work, but shall be reduced to ten (10) percent of the Contract Amount upon final payment for a period of one (1) year. Failure to furnish the required bonds within the time specified may be cause for withdrawal of the award.

28. Kotecki Waiver. Contractor (and any subcontractor into whose subcontract this clause is incorporated) agrees to assume the entire liability for all personal injury claims suffered by its own employees and waives any limitation of liability defense based upon the Worker's Compensation Act and cases decided there under. Contractor agrees to indemnify and defend the Village from and against all such loss, expense, damage or injury, including reasonable attorneys' fees, which the Village may sustain as a result of personal injury claims by Contractor's employees, except to the extent those claims arise as a result of the Village's own negligence.

29. General indemnification. To the fullest extent permitted by law, the Contractor will indemnify, defend and hold harmless the Village, any other governmental agency providing funding for all or any portion of the Contract sum, and their officers, directors, employees, agents, affiliates and representatives, from and against any and all claims, demands, suits, liabilities, injuries (personal or bodily), property damage, causes of action, losses, expenses, damages or penalties, including, without limitation, court costs and attorneys' fees, arising or resulting from, or occasioned by or in connection with (i) the performance by the Contractor, its employees, agents and subcontractors, of the services and other duties and obligations under this Contract, (ii) any act or omission to act by the Contractor, its employees, agents and subcontractors, anyone directly or indirectly employed by them, their agents or anyone for whose acts they may be liable, and/or (iii) any breach, default, violation or nonperformance by the Contractor of any term, covenant, condition, duty or obligation provided in this Contract. This indemnification, defense and hold harmless obligation will survive the termination or expiration of this Contract, whether by lapse of time or otherwise. This indemnification obligation will not be limited (i) by a limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any other party under workers' or workmen's compensation acts, disability benefit acts or other employee benefits acts, or (ii) pursuant to any common law or case law.

30. Intellectual Property. Contractor represents and warrants that it has the full legal power and authority to grant any and all licenses of materials used by the Contractor for this Agreement and hereby grants to the Village any and all such licenses and unrestricted use thereof. The Village shall own, without restriction or limitation, all text, graphics, designs, renderings, images, logos, social media posts, audio visual materials, tag lines, processes, ideas and any and all other content in any and all formats (collectively "Intellectual Property") created by or provided by Contractor, Contractor's employees or Contractor's independent contractors for purposes of fulfilling the terms of this Agreement. Contractor will ensure that all independent contractors have written agreements in place that transfers ownership of all Intellectual Property created by them or provided by them to the Village, without restriction or limitation.

Contractor represents and warrants that all Intellectual Property provided to the Village by Contractor will not infringe on any copyrights, trademark rights, patent rights, trade secrets or other rights of any third party. Contractor agrees to indemnify, defend and hold Village harmless from and against any loss, cost, damage, liability, or expense (including attorney's fees and other reasonable litigation expenses) suffered or incurred by Village in connection with any such infringement claim by any third party. If a claim is made or an action brought that the materials provided (or any component thereof) to the Village, infringes a third party patent, copyright, or trademark, or misappropriates any trade secret or other intellectual property right, then Contractor will defend Village from, in the manner and form determined in the sole discretion of the Village, and indemnify and hold harmless Village against, such claim and any resulting costs, damages and attorneys' fees arising out of or incurred as a result of such claim, together with all amounts finally awarded or agreed to in settlement. The Village shall have sole control of the defense and all related settlement negotiations at the Contractor's expense. Contractor agrees to cooperate fully in any investigation, defense or settlement of such claim or action.

If the Village is enjoined from using any Intellectual Property due to an actual or claimed infringement of any patent, trademark, or copyright or other property right or for any other reason, then at Contractor's option, Contractor shall promptly either: (i) procure for the Village, at Contractor's

expense, the right to continue using the Intellectual Property; or (ii) replace or modify the Intellectual Property, at Contractor's expense, so that the Intellectual Property become non-infringing.

Contractor shall assist the Village in protecting its ownership of the Intellectual Property. Such assistance shall include, without limitation, providing such assistance as may be necessary for the Village to obtain registrations for its rights in and to any Intellectual Property solely in the name of Village and to enforce its rights in such Intellectual Property.

These Intellectual Property rights, representations, warrants and protections will survive the termination or expiration of this Agreement, whether by lapse of time or otherwise.

31. Geographical Information. All digital geographical information used in the performance of the Contract is the property of the Village, including all information obtained, collected, corrected or created by the Contractor in their completion or pursuit of the Contract.

32. Use of Village's Name, Employee Name(s) or Images. The Contractor shall not use or permit the use of the Village's name, Village Employee Name(s) or Village or Employee images or references to its Work in any advertising or promotional materials, regardless of media, without the express written consent of the Village.

33. Contract Termination. The Village reserves the right to terminate the contract in whole or in part, upon ten (10) calendar day's written notice to the Contractor. The Village further reserves the right to terminate the whole or any part of this contract, in the event of default by the Contractor. Default is defined as failure of the Contractor to perform any of the provisions of this contract or failure to make sufficient progress so as to endanger performance of this contract in accordance with its terms. The Contractor shall be liable for any related costs unless acceptable evidence is submitted to the Village that failure to perform the contract was due to cause beyond the control and without the fault or negligence of the Contractor. The Contractor will not be liable to perform if situations arise by reason of acts of God or the public enemy, acts of the Village, fires or floods.

34. No Liability of Public Officials. No official, employee or agent of the Village will be charged personally by the Contractor, or by any assignee, with any liability or expenses of defense or be personally liable to them under any term or provision of this Contract, or because of the Village's execution or attempted execution, or because of any breach hereof.

35. Change In Status. The Contractor shall notify the Village immediately of any change in its status resulting from any of the following: (a) Contractor is acquired by another party; (b) Contractor becomes insolvent; (c) Contractor, voluntary or by operation law, becomes subject to the provisions of any chapter of the Bankruptcy Act; (d) Contractor ceases to conduct its operations in normal course of business. The Village shall have the option to terminate its contract with the Contractor immediately on written notice based on any such change in status.

36. Subletting of Contract. The Contractor may sublet portions of the work; however each subcontract must be approved by the Village in writing prior to commencement of work. Subcontractors shall conform, in all respects, to the applicable provisions specified herein for the Contractor and shall be subject to approval by the Village. Contractor shall not employ any subcontractor, either initially or as a substitute, against whom the Village has a reasonable objection.

Subcontractors shall be under the sole direction, authority and responsibility of the Contractor and Contractor shall take all steps necessary to ensure that subcontractors comply with the Contract requirements. The work to be done by the subcontractors shall be outlined in detail by the Contractor.

Contractor shall be fully responsible to the Village for any and all acts and omissions of the Contractor's suppliers, subcontractors and others performing or furnishing any of the Work directly or indirectly on behalf of the Contractor.

In no case shall such consent relieve the Contractor from its obligation or change the terms of the contract. At all times the Contractor shall maintain no less than fifty-one (51) percent of the dollar value of the contract by direct employees of the Contractor.

37. Illinois Freedom of Information Act. Contractor agrees to furnish all documentation related to this Contract and any documentation related to the Village required under an Illinois Freedom of Information Act (ILCS 140/1 et. seq.) ("FOIA") request within five (5) days after Village issues notice of such request. Contractor agrees to defend, indemnify and hold harmless the Village, and agrees to pay all reasonable costs connected therewith (including, but not limited to reasonable attorney's and witness fees, filing fees and any other expenses) for the Village to defend any and all causes, actions, causes of action, disputes, prosecutions, or conflicts arising from Contractor's actual or alleged violation of the FOIA or Contractor's failure to furnish all documentation related to a request within five (5) days after Village issues notice of a request.

Furthermore, should Contractor request that Village utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Contractor agrees to pay all costs connected therewith (such as reasonable attorneys' and witness fees, filing fees and any other expenses) to defend the denial of the request. The defense shall include, but not be limited to, challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction. Contractor agrees to defend, indemnify and hold harmless the Village, and agrees to pay all costs connected therewith (such as reasonable attorneys' and witness fees, filing fees and any other expenses) to defend any denial of a FOIA request by Contractor's request to utilize a lawful exemption to the Village.

38. Conflict of Forms. In the event of a conflict between the terms in this Contract and the attached Exhibits to the Contract, the terms of the Contract shall control.

39. Governing Law and Venue. This Contract shall be governed by the laws of the State of Illinois. Venue for any and all actions to enforce this Contract shall be the Circuit Court of Cook County, Illinois.

40. Effective Date. The Contract shall be binding on the parties and effective only as of the date fully executed by both parties.

IN WITNESS WHEREOF, the Village of Wilmette, Illinois by Robert T. Bielinski, Village President, and the Contractor have hereunto set their hands to this Contract on the ____ day of _____, 2019.

THE VILLAGE OF WILMETTE, ILLINOIS

Accepted this _____ day of _____, 2019

Robert T. Bielinski, Village President

Attest: _____
Timothy J. Frenzer, Village Clerk

FOR THE CORPORATION

An officer duly authorized by the corporation shall sign here:

Accepted this _____ day of _____, 2019

By _____ Position/Title

By _____ Position/Title

Print Company Name

An officer duly authorized should sign and attach corporate seal

ATTACHMENT ONE
CONTRACTOR'S BID DATED mm/dd/yy

**ATTACHMENT TWO
SPECIAL PROVISIONS**

ATTACHMENT THREE
DRAWINGS & REPORTS

Drawings and reports are available upon request by sending an email requesting the drawings to Purchase@wilmette.com from the Bidder's business email address.

ATTACHMENT TWO

SPECIAL PROVISIONS

2019 ALLEY AND BRICK RECONSTRUCTION PROGRAM

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SPECIAL PROVISIONS

The following Special Provision supplement the “Standard Specifications for Road and Bridge Construction”, adopted April 1, 2016, the latest edition of the “Manual on Uniform Traffic Control Devices for Streets and Highways”, and the “Manual of Test Procedures of Materials”, in effect on the date of invitation of bids, and the Supplemental Specification and Recurring Special Provisions indicated on the respective Check Sheet included herein, which apply to and govern the construction of the 2019 Alley and Brick Street Reconstruction Program (19044) in Wilmette, Cook County, Illinois; and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

Additional Special Provisions include the following:

- a. "Manual of Procedures for the Administration of the MWRD Sewer Permit Ordinance"
- b. "Standard Specifications for Water and Sewer Construction in Illinois", Seventh Edition, June 2014

FAILURE TO COMPLETE WORK ON TIME

Article 108.09 of the Standard Specifications shall be revised to state the following: Failure to meet the completion date requirement shall result in a penalty of \$3,500 per calendar day.

CONSTRUCTION NOISE RESTRICTIONS

Add the following to Article 107.35 of the Standard Specifications:

All Work shall be performed between the hours of 7:00 AM and 5:00 PM, Monday through Friday, and between 9:00 AM and 5:00 PM on Saturday, except in the case of urgent necessity as determined by the Village. The Contractor shall notify the Village at least 48 hours in advance of Saturday work. All work on Saturdays must be pre-approved by the Village. No work shall be performed on Sundays and legal holidays.

USE OF FIRE HYDRANTS

Add the following to Article 107.18 of the Standard Specifications:

The Contractor may use certain Village fire hydrants under the following conditions:

The Contractor may fill a non-potable water tanker truck using the hydrant located at the Village Public Works Yard, located at 711 Laramie Avenue, Wilmette, Illinois on weekdays between the hours of 7:00 AM and 2:30 PM. The Contractor’s truck must be equipped with a hydrant hose connection (2.5” port). The Contractor will be required to record water usage in a log book maintained by staff at the Public Works Yard.

To utilize a hydrant other than the hydrant located at the Public Works Facility, the Contractor must have prior approval from the Village. If approved, the Contractor must pick up a Village issued water meter and RPZ device at the Village Public Works Yard, located at 711 Laramie Avenue, Wilmette, Illinois, on weekdays between 7:00 AM and 2:00 PM. A \$1,500 refundable deposit (cash, check, Visa, MC) and a meter loan permit are required in order to obtain a Village

meter and RPZ device will be issued. The meter loan permits are available at the Village Hall, 1200 Wilmette Avenue, Wilmette, Illinois on weekdays between 7:30 AM and 4:30 PM. The \$1,500 deposit will be cashed upon receipt, and refunded upon return of the meter and RPZ device, minus any damages to the hydrant or the meter and RPZ device.

The Village has a limited number of meters and RPZ devices. If none are available, the Contractor will be responsible for supplying its own meter and RPZ device certified in the past year and approved for use by the Village. The Contractor shall report initial and final meter readings to the Village for all Wilmette water used daily.

JOB SITE DAILY CLEANUP

The Contractor shall maintain a clean work area daily. All materials not needed for the construction process shall be removed from the job site at the end of each day. This includes, but is not limited to: old vaults, piping, old cables, removed pavement, wood scrapes, old curb & gutter, paint cans, litter, broken tree branches, etc. Failure to maintain a clean work area at the end of each day and to the satisfaction of the Village will result in a penalty of \$500.00 per incident. This provision includes all work covered under the "Maintenance of Roadways" Special Provision.

EQUIPMENT AND MATERIALS STAGING

In addition to the requirements of Article 107.16 of the Standard Specifications, the Specifications shall be modified to include the following:

The Contractor shall not place any equipment or materials on the job site without prior approval from the Village. All staging locations for equipment and materials must be pre-approved by the Village.

TYPICAL CONSTRUCTION SEQUENCE

Phase 1. The following is the anticipated sequence for construction for Phase 1 (Alleys):

1. Conduct and submit video documentation.
2. Install all tree protection and erosion control measures. Conduct root pruning as directed by the Village.
3. Construct all underground sewer work within three (3) working days from the start of construction. The pavement shall be saw cut for the sewer trench. This work shall be considered included in the cost of the storm sewer or combined sewer pay items.
4. Remove all existing pavement and existing base material. Undercut and repair the subgrade as directed by the Village. Install the Geotechnical Fabric for Ground Stabilization and place new base material within **one (1) calendar day** of exposing the subgrade. Failure to cover the subgrade will result in a penalty of \$500.00 per each calendar day exposed.
5. Complete all concrete construction work (i.e.: pavement, curb & gutter removal and replacement, driveway apron removal and replacement, and sidewalk removal and replacement) within 10 working days from the start of removal. Remove the forms and backfill the edges of replaced concrete sections within one (1) working days of placement, unless otherwise noted. The Contractor shall be solely responsible for

protecting his work from vandalism. Any vandalized concrete shall be replaced at the Contractor's expense.

6. **(FOR ALLEY 535.2)** Grind the existing asphalt pavement (2.5"), apply tack coat, and pave the Class D patch within one (1) working day.
7. Complete all remaining HMA and Brick driveway replacements, patch repairs to adjacent alleys, and construct any remaining/additional concrete repairs as directed by the Village.
8. Prepare parkways for restoration. Lay sod or place seed within three (3) working days from installing pavement.
9. Address any punch list items. The punch list must be completed by the Contractor and approved by the Village no later than the Phase 1 final completion date.

Phase 2. The following is the anticipated sequence for construction for Phase 2 (Brick Street):

1. Conduct and submit video documentation.
2. Install all tree protection and erosion control measures. Conduct root pruning as directed by the Village.
3. Construct all underground sewer work within three (3) working days from the start of construction.
4. Remove no more than 1' of the existing brick from each edge of pavement. Clean and palletize all reusable bricks and dispose of all damaged bricks.
5. Complete all concrete construction work (i.e.: curb & gutter removal and replacement, driveway apron removal and replacement, and sidewalk removal and replacement) within 10 working days from the start of removal. Remove the forms and backfill the edges of replaced concrete sections within one (1) working days of placement. The Contractor shall be solely responsible for protecting his work from vandalism. Any vandalized concrete shall be replaced at the Contractor's expense.
6. Remove the remaining existing brick pavement. Clean and palletize all reusable bricks and dispose of all damaged bricks.
7. Remove the existing base material as directed by the Village. Undercut and repair the subgrade as directed by the Village. Install the Geotechnical Fabric for Ground Stabilization and place new base material within **one (1) calendar day** of exposing the subgrade. Failure to cover the subgrade will result in a penalty of \$500.00 per each calendar day exposed.
8. Complete all remaining HMA and Brick driveway replacements, patch repairs to adjacent streets, and construct any remaining/additional concrete repairs as directed by the Village.
9. Install brick pavement.
10. Prepare parkways for restoration. Lay sod or place seed within three (3) working days from installing pavement.
11. Conduct all patch repairs that are adjacent to the brick street.
12. Address any punch list items. The punch list must be completed by the Contractor and approved by the Village no later than the Phase 2 final completion date.

Patch 3. Phase 3 (Patching) construction, if any, shall occur at the start of project in May 2019, and at the end of the project in October 2019. This work does not include the proposed patching adjacent to the reconstructed alley or brick street locations. The Contractor shall complete all patching repairs on the same day of removal at each location. All repairs must be completed by the Contractor and approved by the Village no later than the Phase 3 final completion date.

PARKING

Add the following to Article 701.18(j) (1) of the Standard Specifications:

Where on-street parking exists within the work zone, the Contractor shall place 'No Parking' signs a minimum of two (2) calendar days prior to construction operations. All 'No Parking' signs shall indicate the date enforcement begins and must be affixed and displayed to the satisfaction of the Village. 'No Parking' signs shall be removed when work is not scheduled to occur for a period of 72 hours, and shall be reposted as required herein when work is to resume. 'No Parking' signs will be furnished by the Village at no cost to the Contractor.

SAW CUTTING

Description. The Contractor shall full-depth saw cut for the removal of existing curb, sidewalk, all structure work, and for all pavement patches.

Construction Requirements. The concrete saw shall be equipped with an integrated water delivery system that continuously feeds water to the blade at flow rates sufficient to minimize release of visible dust while saw cutting, a diamond blade of sufficient size to saw pavements full-depth and be capable of accurately maintaining cutting depth. All saw cuts shall be parallel or perpendicular to the curb & gutter, edge of sidewalk, or the edge of pavement, with straight, clean, edges, to the satisfaction of the Village. **The slurry resulting from the saw cutting work shall be immediately washed away using water to prevent tracking by vehicles or pedestrians to the satisfaction of the Village.**

Method of Measurement and Basis of Payment. This work will not be paid for separately, but shall be considered included in the cost of the curb & gutter, sidewalk, structure work, patching, and pavement removal items.

DIRT ON PAVEMENT OR STRUCTURES

Add the following to Article 107.15 of the Standard Specifications:

Excess spoils and construction debris shall be removed by the end of each day and the pavement surface shall be clean as not to generate dust from vehicular traffic. The Village may require the Contractor to utilize a mechanical street sweeper AND/OR watering truck to more thoroughly clean streets affected by the Contractor's operations to limit dust emitted into the air. The street sweeper shall be a full-sized municipal-type sweeper having dust collection and street washing capabilities.

DUST CONTROL WATERING

Description. This work shall consist of the exclusive control of dust resulting from construction operations by the uniform application of sprinkled water. Dust control watering shall be performed by the Contractor as directed by the Village. All equipment used for this work shall be approved by the Village prior to beginning the work.

Method of Measurement and Basis of Payment. This work will not be paid for separately, but shall be considered as included with the contract and no extra compensation will be allowed.

DRIVEWAY ACCESS

All driveways disturbed by construction must be repaired, or have access restored, within five (5) working days from the date of removal. Failure to return access will result in a penalty of \$100.00 per working day for each disturbed driveway.

All driveways on Wood Court are exempt from this Provision.

INCIDENTAL HOT-MIX ASPHALT SURFACING

Where work is to be completed outside of the paving limits, such as curb removal and replacement or any locations as determined by the Village, the pavement shall be restored with CLASS D PATCH, 2" at the type specified by the Village and paid for at the contract unit price per SQUARE YARD.

PAY REQUESTS

The Contractor is required to complete contract line items to 100% on each alley/street segment before it will be included on a pay request. The Contractor shall submit an updated construction schedule, waivers of lien, and updated certified payroll reports with each pay request. Failure to complete the updated schedule and updated certified payroll reports will result in the return of the pay request.

CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD)

In regards to the Illinois Environmental Protection Agency (IEPA) Clean Construction Demolition Debris (CCDD) uncontaminated soil certification requirements, the Village of Wilmette will provide the required IEPA CCDD Uncontaminated Soil Certification Form LPC-662 to the Contractor for their use. This certification shall only be used for the Village of Wilmette 2019 Alley and Brick Street Reconstruction Program (19044).

STATUS OF UTILITIES TO BE ADJUSTED

Effective: March 15, 2019

NO CONFLICTS ANTICIPATED

The following contact information is what was used during the preparation of the plans as provided by the owner of the facility.

Agency/Company Responsible to Resolve Conflict	Name of Contact	Address	Phone E-mail address
AT&T (Distribution) Local	Steve Larson	1000 Commerce Drive, Oak Brook, IL 60523	630-573-5450 g11629@att.com
Comcast	Martha Gieras	688 Industrial Drive, Elmhurst, IL 60126	630-600-6352 martha_gieras@cable.comcast.com
Commonwealth Edison	Terri Bleck	1500 Franklin Boulevard, Libertyville, IL 60048	847-816-5239 nora.fernandez@comed.com
MWRD	Joseph Schuessler	100 E. Erie Street, Chicago, IL 60611	312-751-3236 joseph.schuessler@mwr.org
Nicor Gas	Bruce Koppang	1844 Ferry Road, Naperville, IL 60563	630-388-3046 bkoppan@agresources.com

The above represents the best information available to the Village and is included for the convenience of the bidder. The days required for conflict resolution should be taken into account in the bid as this information has also been factored into the timeline identified for the project when setting the completion date. The applicable portions of the Standard Specifications for Road and Bridge Construction shall apply.

Estimated duration of time provided in the action column for the first conflicts identified will begin on the date of the executed contract regardless of the status of the utility relocations. The responsible agencies will be working toward resolving subsequent conflicts in conjunction with contractor activities in the number of days noted.

The estimated relocation dates must be part of the progress schedule submitted by the contractor. A utility kickoff meeting will be scheduled between the Department, the Department's contractor and the utility companies. The Department's contractor is responsible for contacting J.U.L.I.E. prior to any and all excavation work.

MAINTENANCE OF ROADWAYS

Effective: September 30, 1985

Revised: November 1, 1996

Beginning on the date that work begins on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Village, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Village.

If items of work have not been provided in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Village, will be paid for in accordance with Article 109.04 of the Standard Specifications.

PRECONSTRUCTION VIDEO INSPECTION OF ROADWAY

Description. The Contractor shall prepare pre-construction audio-video documentation of all affected construction zone physical features in the area affected by construction.

Construction Requirements. All video cameras, recorders, tapes, accessories, and related equipment shall be of high resolution, color, and digital format. Each Alley and Brick Street shall be submitted on individual MP4 video files. Each video shall begin with current date, project name, and Owner, followed by descriptions of the general location, street names, addresses, and data that describes location and subject of viewing. The pertinent features within the construction zone of influence shall be shown, including but not limited to; pavements, curbs, driveways, sidewalks, buildings, landscaping, trees, shrubbery, fences, light posts, equipment, etc. A rudimentary view orientation shall be included in the audio commentary of each video segment to help clarify what is being viewed. The pre-construction audio-video documentation shall be completed, and copies submitted to the Village on an USB flash drive, prior to commencing any construction activity.

Method of Measurement and Basis of Payment. This work will not be paid for separately, but shall be considered as included with the contract and no extra compensation will be allowed.

TREE PROTECTION

Description. The Contractor shall make every effort to preserve trees and shrubs within the working area.

Construction Requirements. All trees to be retained shall be fenced, boxed, root pruned, or otherwise protected prior to the commencement of work. It shall be the responsibility of the Contractor to assemble and install this protection. The tree protection must be approved by the Village prior to the commencement of any work. Tree protection shall not be removed without prior approval of the Village.

There shall be no construction activity or storage of any material within the enclosure or within the drip line of any tree. All trees to be preserved within the construction zone shall be root pruned prior to any construction activity by the Contractor. The Village will trim tree canopies as necessary. The Contractor shall notify the Village at least 72 hours in advance of construction to request tree canopy trimming.

All trees with a six (6) inch diameter or less and all shrubs not specifically indicated for removal which are removed or damaged beyond repair as determined by the Village shall be replaced by the Contractor with a plant material equivalent in size and species. All removal and planting costs as a result of Contractor damage shall be paid for by the Contractor. All replacement tree planting will be done by the Village.

All trees larger than six (6) inch in diameter and not specifically designated for removal which are damaged or removed during construction shall be assessed a penalty by the Village. Each tree damaged shall incur a penalty per the latest Village ordinance.

Method of Measurement and Basis of Payment. The labor, material, and equipment necessary to place temporary tree protection fencing will be paid under the item for TEMPORARY FENCE.

The labor, material, and equipment necessary to place tree trunk protection will be paid under the item for TREE TRUNK PROTECTION.

The labor, material, and equipment necessary to prune roots will be paid under the item for TREE ROOT PRUNING.

PROTECTION OF EXISTING INFRASTRUCTURE

Description. This work shall consist of protecting existing sidewalks, curb and gutters, driveways, and pavers from damage caused by the Contractor's trucks, excavating equipment, placement of bituminous prime coat and any other equipment used by the Contractor during construction.

Construction Requirements. When removing curb and gutter, pavement or any other structure, the Contractor shall take every precaution necessary to ensure that there will be no damage to underground public or private utilities. Under no circumstances will the use of a frost ball concrete breaker be allowed.

The Contractor shall use plywood sheets, wood planks, or other approved material to protect the existing sidewalk and aprons from damage by the Contractor's equipment and trucks. Sand shall be used to protect concrete pavers and concrete crosswalks in the roadway.

The Contractor shall provide sufficient planking or other approved materials needed to protect the existing concrete surfaces from damage during construction.

If any asphalt or bituminous materials are required, the Contractor shall place protection over all concrete pavers and concrete crosswalks within the vicinity of the job or as requested by the Village as coordinated with the Village.

Method of Measurement and Basis of Payment. The cost to furnish, place, move, and dispose of plywood, planking, or other approved materials needed to continually protect and clean the existing roadways, concrete sidewalk, aprons and curb and gutter will not be paid for separately, but shall be considered included in the cost of the various HMA and concrete pay items.

Cleaning afterward with environmentally safe chemicals, if required or as directed by the Village, shall not be paid for separately, but shall be at the Contractor's own expense.

CONCRETE WASHOUT FACILITY

Description. The Contractor shall take sufficient precautions to prevent pollution of streams, lakes, reservoirs, and wetlands with fuels, oils, bitumens, calcium chloride, or other harmful materials according to Article 107.23 of the Standard Specifications and as noted herein.

Construction Requirements. To prevent pollution by residual concrete and/or the by-product of washing out the concrete trucks, concrete washout facilities shall be constructed and maintained at any location which includes cast-in-place concrete items. The concrete washout shall be constructed, maintained, and removed according to this Special Provision. The concrete washout facility shall be constructed on the job site in accordance with Illinois Urban Manual practice standard for Temporary Concrete Washout Facility (Code 954). The Contractor may elect to use a pre-fabricated portable concrete washout structure.

The working concrete washout facility shall be in place before any delivery of concrete to the site. The Contractor shall ensure that all concrete washout activities are limited to the designated area.

The concrete washout facility shall be located no closer than 50 feet from any environmentally sensitive areas, such as water bodies, wetlands, and/or other areas indicated on the plans. Adequate signage shall be placed at the washout facility and elsewhere as necessary to clearly indicate the location of the concrete washout facility to the operators of concrete trucks.

The concrete washout facility shall be adequately sized to fully contain the concrete washout needs of the project. The contents of the concrete washout facility shall not exceed 75% of the facility capacity. Once the 75% capacity is reached, concrete placement shall be discontinued until the facility is cleaned out. Hardened concrete shall be removed and properly disposed of outside the Right-of-Way. Slurry shall be allowed to evaporate, or shall be removed and properly disposed of outside the Right-of-Way.

The Contractor shall immediately replace damaged basin liners or other washout facility components to prevent leakage of concrete waste from the washout facility. Concrete washout facilities shall be inspected by the Contractor after each use. Any and all spills shall be reported to the Village and cleaned up immediately. The Contractor shall remove the concrete washout facility when it is no longer needed.

Method of Measurement and Basis of Payment. This work will not be paid for separately, but shall be included in the cost of the concrete work items included in the contract.

AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS

Description. This work shall consist of furnishing, placing, and removing aggregate surface course for temporary access at the locations shown on the plans and as directed by the Village. This work shall be in accordance with Section 402.10 of the Standard Specifications except as noted herein.

Construction Requirements. Revise Article 402.10 of the Standard Specifications to read:

“402.10 For Temporary Access. The contractor shall construct and maintain aggregate surface course for temporary access to private entrances, commercial entrances and roads according to Article 402.07 and as directed by the Village.

The aggregate surface course shall be constructed to the dimensions and grades specified below, except as modified by the plans or as directed by the Village.

- (a) Private Entrance. The minimum width shall be 12 ft (3.6 m). The minimum compacted thickness shall be 6 in. (150 mm). The maximum grade shall be eight percent, except as required to match the existing grade.
- (b) Commercial Entrance. The minimum width shall be 24 ft (7.2 m). The minimum compacted thickness shall be 9 in. (230 mm). The maximum grade shall be six percent, except as required to match the existing grade.
- (c) Road. The minimum width shall be 24 ft (7.2 m). The minimum compacted thickness shall be 9 in. (230 mm). The grade and elevation shall be the same as the removed pavement, except as required to meet the grade of any new pavement constructed.

Maintaining the temporary access shall include relocating and/or regrading the aggregate surface course for any operation that may disturb or remove the temporary access. The same type and gradation of material used to construct the temporary access shall be used to maintain it.

When use of the temporary access is discontinued, the aggregate shall be removed and utilized in the permanent construction or disposed of according to Article 202.03.”

Method of Measurement and Basis of Payment. This work will not be paid for separately, but shall be included in the cost of the concrete and driveway work items.

SIGN REPLACEMENT

Description. The Contractor shall remove and replace all street signs, located in or near the construction zone, in the same location as directed by the Village. The Contractor shall be responsible for replacing at his expense any signs damaged or lost during the course of construction, including the operation of removing and replacing any signs. The Contractor must do a sign inventory for all signs removed and replaced at the beginning of the project. Removal and replacement of signs shall conform to the Manual on Uniform Traffic Control Devices, latest edition.

Method of Measurement and Basis of Payment. The removal, relocation, or replacement of existing signs shall not be paid for separately but shall be included in the contract.

TEMPORARY FENCE

Description. This work shall consist of furnishing and installing temporary construction fence in accordance with Section 201 of the Standard Specifications except as noted herein.

Construction Requirements. The Contractor shall erect a temporary fence around all trees within the construction area to establish a “tree protection zone” before any work begins or any material is delivered to the jobsite. The exact location and establishment of the fence shall be approved by the Village prior to placement. The fence shall be erected on three sides of the tree at the drip-line of the tree, or as determined by the Village. No work is to be performed (other than root pruning), materials stored, or vehicles driven or parked within the “tree protection zone”. The grade within the “tree protection zone” shall not be changed unless approved by the Village.

The temporary fence shall be 48” high, orange plastic poly-type in a large open-weave pattern, supported using metal T-Post style fence posts with a maximum of 8’ spacing. T-posts must be at least six (6) feet in length, two (2) feet of which must be set in the ground. The fence shall be attached to posts with a minimum of three nylon locking ties per post. Utilizing re-bar as a fence post will not be permitted.

This fence shall be properly maintained and remain up until final restoration, unless the Village directs removal otherwise.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per FOOT for TEMPORARY FENCE, which price shall include furnishing, installing, maintaining, removing, and all other labor, material, and equipment necessary to complete this work as specified herein.

TREE ROOT PRUNING

Description. This work shall consist of pruning the roots at each tree identified in the plans, or as directed by the Village. This work shall be in accordance with Section 201 of Standard Specifications except as noted herein.

Construction Requirements. Root pruning shall be completed to a maximum width of 4-inches and depth of 12-inches using a ‘Vermeer’ wheel matching the following criteria. The root pruner wheel shall be 60-inches diameter (188-inch circumference) carrying 28 pair (56 total) stump cutter teeth with tooth spacing at 6.7-inches on center and shall utilize a 65hp tractor. All root pruning cuts shall be immediately backfilled with material side cast from the earth-sawing procedure, so that the ground surface is even and no tripping potential exists.

Tree roots shall be cleared from the base of all removed concrete sections, unless otherwise directed by the Village. The Contractor shall remove all root grindings from the base prior to framing and pouring the concrete.

All root pruning work is to be performed through the services of a certified arborist to be approved by the Village.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per EACH for TREE ROOT PRUNING, which price shall include all other labor, material, removal, and equipment necessary to complete the work at each tree as specified herein.

EARTH EXCAVATION

Description. This work consists of the excavation, transportation, and disposal of all suitable and unsuitable excavated materials to and from the project site. This work includes all excavation necessary to remove and dispose of unsuitable pavement base, subgrade, and parkway encountered during construction. This work shall be in accordance with Section 202 of Standard Specifications except as noted herein.

Construction Requirements. The volume of material removed will be determined by the Village from field measurements.

Method of Measurement and Basis of Payment. This work will be measured in its original position and the volume will be computed by the method of average end areas.

This work will be paid for at the contract unit price per CUBIC YARD for EARTH EXCAVATION, which price shall constitute all labor, materials, and equipment necessary to complete the work as specified.

The material replacement of unsuitable subgrade will be paid under the item for AGGREGATE SUBGRADE IMPROVEMENT.

The material replacement of unsuitable pavement base will be paid under the item for AGGREGATE BASE COURSE, TYPE B.

If, at the direction of the Village, it is determine that unsuitable pavement base must be replaced with bituminous material, the pay item for CLASS D PATCHES of the depth specified will be used, and the required excavation and disposal of the unsuitable materials will not be paid for separately.

POROUS GRANULAR BACKFILL

Description. This work shall consist of placing three inch (3") stone when unsuitable material is removed. The minimum depth for this item shall be six inches (6"). This work shall be in accordance to Section 209 of the Standard Provisions and as noted herein.

Construction Requirements. Porous granular material shall be placed over Geotechnical Fabric for Ground Stabilization.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per CUBIC YARD for POROUS GRANULAR BACKFILL. This price shall include all labor, material, and equipment necessary to supply and install the porous granular backfill and to complete this item.

TRENCH BACKFILL

Description. This work shall consist of furnishing, transporting, and placing aggregate for use as backfilling material for all trenches made in the subgrade of the proposed improvement and all trenches outside of the subgrade where the inner edge of the trench is less than or equal to two (2) feet to the edge of the proposed pavement, stabilized shoulder, curb or sidewalk. This work

shall be done in accordance with Section 208 of the Standard Specifications, except as modified herein.

Construction Requirements. Material used for trench backfill shall be of CA-6 gradation and shall meet the requirements of Article 1004.04 of the Standard Specifications except crushed concrete and slag will not be allowed. The trench backfill shall be compacted in accordance with Method 1 described in Article 550.07 of the Standard Specifications. Method 2 (ponding) and Method 3 (jetting) will not be allowed.

Method of Measurement and Basis of Payment. This work shall be measured and paid for in accordance with Article 208.03 of the Standard Specifications at the contract unit price per CUBIC YARD for TRENCH BACKFILL, which price shall include all labor, material, and equipment necessary to complete the work as specified herein. Sheeting, bracing, shoring, and other safety measures will not be paid for separately, but shall be considered included in the unit price for TRENCH BACKFILL.

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

Description. This item consists of placing **woven** geotechnical fabric on the exposed subgrade, prior to placing aggregate subgrade or base, in order to obtain a firm and stable subgrade. The work shall comply with the applicable portions of Sections 210 and 1080.02 of the Standard Specifications except as noted herein.

Construction Requirement. The Contractor shall submit a sample of the geotechnical fabric to the Village no less than 10 working days prior to the start of construction for approval.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per SQUARE YARD for GEOTECHNICAL FABRIC FOR GROUND STABILIZATION. This price shall constitute all labor, materials and equipment necessary to complete this item.

The granular blanket will be paid for at the contract unit price per CUBIC YARD for AGGREGATE SUBGRADE IMPROVEMENT or AGGREGATE BASE COURSE, TYPE B.

TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH

Description. This work shall consist of placing topsoil to varying depths (nominal depth of 4") in accordance with Section 211 of the Standard Specification at variable depths which shall be determined in the field by the Village.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per CUBIC YARD for TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH. This price shall constitute all labor, materials and equipment necessary to complete the work as specified.

The topsoil furnished and placed at areas with SEEDING, SPECIAL or SODDING, SPECIAL restoration will not be paid for separately.

SEEDING, SPECIAL

Description. This work shall consist of preparing the ground surface, furnishing and applying topsoil to reach final grade, fertilizing the areas to be seeded as directed by the Village, and furnishing and placing the seed. All work shall be in accordance with the applicable portions of Sections 250 of the Standard Specifications except as noted herein.

Construction Requirements. In addition to applicable portions of Section 107 of the Standard Specifications, all other areas shall be restored to their conditions prior to construction. The Contractor shall grade all ditch lines which are disturbed during construction to ensure proper drainage exists after construction. Restoration at all locations of underground construction shall take place after the trench has settled.

When seed is specified, a minimum width of 6" shall be replaced as part of the restoration along curb and gutter, sidewalk, aprons, and at other locations as directed by the Village.

When fertilizer is specified, 270 pounds of fertilizer nutrients per acre (300 kilograms per hectare) shall be applied at a 1:1:1 ratio as follows:

Nitrogen Fertilizer Nutrients	90 lbs/acre (100 kg/ha)
Phosphorus Fertilizer Nutrients	90 lbs/acre (100 kg/ha)
Potassium Fertilizer Nutrients	90 lbs/acre (100 kg/ha)

The seed mixture shall be Class 1 or Class 1A, unless directed otherwise by the Village.

The Contractor shall guarantee that a stand of grass is obtained and acceptable to the Village.

- Seeding done after May 15 and before June 1 shall have an acceptable stand of grass by July 15.
- Seeding done after June 1 and before August 15 shall have an acceptable stand of grass by October 15.
- Seeding done after August 15 shall have an acceptable stand of grass by the following June 1.

If a stand of grass is not accepted by the Village, the Contractor will prepare the location for sod. All work at the location, up to and including furnishing and placing sod, will be paid for by SODDING, SPECIAL and not SEEDING, SPECIAL.

Method of Measurement and Basis of Payment. This work shall be paid at the contract price per SQUARE YARD for SEEDING, SPECIAL. This price shall include all costs for shaping, trimming, grading transitions, furnishing and placing topsoil, fertilizing, furnishing and placing seed, disposing of excess materials, and all other labor, equipment, and materials used to complete the work as specified in these Special Provisions.

SODDING, SPECIAL

Description. This work shall consist of preparing the ground surface, furnishing and applying topsoil to reach final grade, fertilizing the areas to be sodded as directed by the Village, and furnishing and placing the sod. All work shall be in accordance with the applicable portions of Sections 211 and 252 of the Standard Specification except as noted herein.

Construction Requirements. In addition to applicable portions of Section 107 of the Standard Specification, all other areas shall be restored to their conditions prior to construction. The Contractor shall grade all ditch lines which are disturbed during construction to ensure proper drainage exists after construction. Restoration at all locations of underground construction shall take place after the trench has settled.

When sod is specified, a minimum width of 24" shall be replaced as part of the restoration along curb and gutter, sidewalk, aprons, and at other locations as directed by the Village.

When fertilizer is specified, 180 pounds of fertilizer nutrients per acre (210 kilograms per hectare) shall be applied at a 1:1:1 ratio as follows:

Nitrogen Fertilizer Nutrients	60 lbs/acre (70 kg/ha)
Phosphorus Fertilizer Nutrients	60 lbs/acre (70 kg/ha)
Potassium Fertilizer Nutrients	60 lbs/acre (70 kg/ha)

All sod shall be salt tolerant, unless directed otherwise by the Village.

Initial watering shall be applied within two hours after the sod placement at a rate of 5 gal/sq yd. Required additional watering shall be done in accordance with Articles 252.08 and 252.09 of the Standard Specification and as shown on the following table.

Sod Placement	Additional Watering	Applied Every	Application Rate
Sept. 1 – May 30	7	5 Days	3 gal/sq yd
June 1 – Aug. 31	15	3 Days	3 gal/sq yd

Method of Measurement and Basis of Payment. This work shall be paid at the contract price per SQUARE YARD for SODDING, SPECIAL. This price shall include all costs for shaping, trimming, grading transitions, furnishing and placing topsoil, fertilizing, furnishing and placing sod, sod watering, disposing of excess materials, and all other labor, equipment, and materials used to complete the work as specified in these Special Provisions.

Supplemental watering, if conducted within 30 days of sod placement, will not be paid for separately but shall be considered included in the unit price for SODDING, SPECIAL.

AGGREGATE BASE COURSE, TYPE B

Description. This work shall consist of installing an Aggregate Base Course, Type B to varying depths (nominal depth of 6" for alleys and 12" for brick streets) as specified in the plans and as directed by the Village, in accordance to Section 351 of the Standard Specification except as noted herein.

Construction Requirements. A typical base coarse section consists of:

1. A minimum 3" thick layer of CA-6.
2. Up to 9" thick layer of crushed gravel, conforming to the specifications as stated in AGGREGATE SUBGRADE IMPROVEMENT Special Provision.

Geotextile fabric having a minimum weight of 6 ounces and meeting the requirements of Article 1080.02 of the Standard Specifications may be necessary dependent upon subgrade soil conditions.

The material shall be placed in two or more lifts or as directed by the Village. Each lift shall be rolled with a vibratory roller meeting the requirements of Article 1101.01 of the Standard Specifications to obtain the desired compaction. Construction equipment not necessary for the completion of the work shall not be allowed on the base course until completion of the recommended thickness of the base course as stated in this specification. Any damage to the compacted base course due to the Contractor's activities or operations shall be corrected at no additional cost to the Village.

Method of Measurement and Basis of Payment. This work shall be measured and paid for at the contract unit price per CUBIC YARD for AGGREGATE BASE COURSE, TYPE B. The price shall include all labor, materials, and equipment necessary to complete the work as specified herein.

PORTLAND CEMENT CONCRETE PAVEMENT, 8"

Description. This work shall consist of constructing Portland Cement Concrete Pavement on a granular base in accordance with Section 420 of the Standard Specifications and as specified herein.

Materials. IDOT Class PV Concrete; Section 1020. All other materials in accordance with Section 420.

Construction Requirements. The pavement shall have a depth of 8" and be constructed with IDOT Class PV Concrete. PCC Pavement 8" shall also include the installation of No. 5, epoxy coated reinforcement bars every 30" on center.

Transverse contraction joints shall be sawed at a maximum of 12' intervals. All contraction joints shall be saw-cut within 6 to 18 hours following the placement of concrete.

The surface of the pavement shall have a broom finish and a protective coating and shall be covered, protected, and allowed to cure for a period of no less than seven (7) days or a minimum compressive strength of 3,500 PSI before allowing vehicles to travel on the pavement.

Utility poles located along the edges of the alley Right-of-Way shall be boxed out of the pavement, where necessary, with a rectangular opening measuring 18" in length and 12" in width.

The areas adjacent to pavement work shall be backfilled with suitable backfill or topsoil and within five (5) working days of concrete placement. The barricades shall remain in place until all grading has been completed and the adjacent area no longer poses a hazard to pedestrians.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per SQUARE YARD for PCC PAVEMENT 8". This work shall include all costs for furnishing and placing the concrete pavement, sawing the longitudinal and transverse contraction joints, boxing out the utility poles, furnishing and placing longitudinal and transverse tie bars, preparing the proper "broom" finish, sealing the tolled v-notch joint with hot-poured joint sealer, and all other labor, materials and equipment necessary to properly construct this item.

PCC DRIVEWAY PAVEMENT, 6”

Description. This work shall consist of installing PCC driveway pavement at the locations shown on the plans and as directed by the Village. This work shall be in accordance with Sections 301, 351, and 423 of the Standard Specifications except as noted herein.

Construction Requirements. The Contractor shall install a minimum 4” compacted aggregate base course, Type B (CA-6). The Contractor shall place embankment, in accordance with Section 205 of the Standard Specifications, in order to achieve the finished grades as shown on the plans. The payment for this work shall be considered included in the unit price for this item.

The Contractor shall install a 6” PCC surface, in accordance with Section 423 of the Standard Specifications.

Method of Measurement and Basis of Payment. This work will be measured in place and paid for at the contract unit price per SQUARE YARD for PCC DRIVEWAY PAVEMENT, 6”. This price shall include furnishing and placing aggregate base course (CA-6), furnishing and pouring concrete, and all other materials, labor and equipment necessary to complete this item.

DETECTABLE WARNINGS

Description. This work shall consist of installing detectable warnings at the locations shown on the plans and as directed by the Village.

Construction Requirements. Detectable warnings shall consist of a surface of truncated domes aligned in a square pattern (parallel alignment) or triangular pattern. Dome spacing, dome size, and detectable warning locations are shown in Highway Standard 424001 “Curb Ramps for Sidewalks”. Detectable warning surfaces shall contrast visually with the adjacent walking surfaces by having light on dark, or dark on light; and, shall extend 24 inches in the direction of travel and the full width of the curb ramp, landing, or sidewalk (IDOT Memo 2004-18).

The Contractor shall provide and install bright yellow, pre-stamped, cast in place, fiberglass reinforced plastic panels with reinforced truncated domes (non-replaceable) on all curb ramps or as mandated by the ADAAG, or as determined by the Village. These ramp panels shall comply with Highway Standard 424001 “Curb Ramps for Sidewalks”. Any ramp panel substitutions must be submitted in writing to Village for approval or an approved equal.

Articles 424.08 – 424.12 of the Standard Specifications shall be replaced with the following:

424.08 Curb Ramps. Curb ramps shall be constructed according to the Americans with Disabilities Act Accessibility Guidelines (ADAAG), the Illinois Accessibility Code, and as shown on the plans. Curb ramps shall be constructed to the same thickness as the adjacent sidewalk with a minimum thickness of 100 mm (5 in.).

424.09 Detectable Warnings. The detectable warning shall be installed during the construction of the PCC sidewalk, with the top of the detectable warning flush with the surface of the sidewalk. All PCC sidewalk and aggregate subbase installed below the detectable warning shall be considered incidental to the DETECTABLE WARNINGS. The detectable warning shall be installed according to the manufacturer’s specifications.

The detectable warnings shall be installed at curb ramps, medians and pedestrian refuge islands, at-grade railroad crossings, transit platform edges, and other locations where pedestrians are required to cross a hazardous vehicular way. Detectable warnings shall also be installed at alleys and commercial entrances when permanent traffic control devices are present (IDOT Memo 2004-18). The installation shall be an integral part of the walking surface and only the actual domes shall project above the walking surface.

424.10 Backfill. After the concrete has been cured, the spaces along the edges of the sidewalk and ramps shall be backfilled with approved material. The material shall be compacted until firm and the surface neatly graded.

424.11 Disposal of Surplus Material. Surplus or waste material shall be disposed of according to Article 202.03.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per SQUARE FOOT for DETECTABLE WARNINGS, which price shall include all materials, labor, and equipment necessary to perform the work as shown in the construction detail and specified herein. Each detectable warning shall be considered the full 2' x 5' detectable warning area.

DRIVEWAY PAVEMENT REMOVAL

Description. This work shall consist of removing existing driveway pavement at the locations shown on the plans and as directed by the Village. This work shall be in accordance with Sections 440 of the Standard Specifications except as noted herein.

Construction Requirements. The existing driveway pavement shall be removed and disposed of by the Contractor to the limits marked out by the Village during construction. The driveway shall be saw cut full-depth for creating butt joints. All butt joints shall be cut vertically, straight, and shall be free of debris. Jack hammering of butt joints shall not be permitted. Any damages to areas outside the limits of removal shall be replaced by the Contractor at his/her own expense.

The Contractor shall remove the existing base course to a minimum depth of 4" for PCC driveways and 8" for HMA driveways. The Contractor shall excavate deeper, in accordance with Sections 202 of the Standard Specifications, in order to achieve the finished grades as shown on the plans. Where the driveway asphalt is an overlay of a concrete driveway, no extra compensation shall be given for the removal of the concrete base. Where the new driveway will be wider than existing driveway, the Contractor shall excavate and dispose of existing topsoil and other material to provide the full pavement section. The payment for this work shall be considered included in the unit price for this item.

For HMA driveways, the Contractor shall maintain driveway access with temporary stone (no pavement grindings) during construction in accordance with Section 402.10 of the Standard Specification, except while paving the asphalt.

For PCC driveways, the Contractor shall maintain driveway access with temporary stone during construction in accordance with Section 402.10 of the Standard Specification, except during and up to three days after pouring concrete.

Method of Measurement and Basis of Payment. This work will be measured in place and paid for at the contract unit price per SQUARE YARD for DRIVEWAY PAVEMENT REMOVAL. This price shall include removing and disposing of the existing excavated material and all other materials, labor and equipment necessary to complete this item.

The labor, material, and equipment necessary to maintain driveway access with temporary stone during construction shall be included in the cost of DRIVEWAY PAVEMENT REMOVAL and will not be paid for separately.

The labor, material, and equipment necessary to remove a brick paver driveway shall be included in the cost of BRICK DRIVEWAY REMOVAL AND REPLACEMENT and will not be paid for separately.

COMBINATION CURB AND GUTTER REMOVAL

Description. This work shall consist of removing combination concrete curb and gutter in accordance with Section 440 of the Standard Specifications except as noted herein.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per FOOT for COMBINATION CURB AND GUTTER REMOVAL. This price shall include all costs for excavating existing curb, gutter, and base sections, disposing of the excess excavated material, and all other labor, material, and equipment necessary to complete this item.

CLASS B PATCHES

Description. This work shall consist of installing PCC patch repairs at the locations identified by the Village. This work shall be done in accordance with Section 442 of the Standard Specifications except as noted herein.

Construction Requirements. The Contractor shall excavate and remove all existing material at each location to the limits and depth specified by the Village. The Contractor shall correct all holes, soft places, and other defects in the base or subgrade by removing unsuitable material and installing additional aggregate (CA-6) or concrete. If the base or subgrade are exposed, the Contractor shall compact the aggregate prior to pouring the concrete.

No patch shall be left open for more than 24 hours after excavation.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per SQUARE YARD for CLASS B PATCH, TYPE 2, 8", CLASS B PATCH, TYPE 3, 8", or CLASS B PATCH, TYPE 4, 8". This price shall include excavating and removing existing material, furnishing and installing the dowel rods, furnishing and installing expansion joints, furnishing and placing concrete, and all other labor, material, and equipment necessary to complete this item.

The labor, material, and equipment necessary to remove defects in the base or subgrade shall be included in the cost for CLASS B PATCH, and will not be paid for separately.

The labor, material, and equipment necessary to install additional aggregate (CA-6) or concrete to correct base or subgrade defects shall be included in the cost for CLASS B PATCH, and will not be paid for separately.

CLASS D PATCHES

Description. This work shall consist of removing and replacing the existing HMA pavement at the locations identified by the Village. This work shall be done in accordance with Section 442 of the Standard Specifications except as noted herein.

Construction Requirements. The Contractor shall excavate and remove all existing material at each location to the limits and depth specified by the Village. The Contractor shall correct all holes, soft places, and other defects in the base or subgrade by removing unsuitable material and installing additional aggregate (CA-6) or asphalt. If the base or subgrade are exposed, the Contractor shall compact the aggregate prior to paving the asphalt.

No patch shall be left open for more than 24 hours after excavation.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per SQUARE YARD for CLASS D PATCH, TYPE 2, 2", CLASS D PATCH, TYPE 3, 2", CLASS D PATCH, TYPE 4, 2", CLASS D PATCH, TYPE 4, 2.5", CLASS D PATCH, TYPE 2, 4", CLASS D PATCH, TYPE 3, 4", CLASS D PATCH, TYPE 4, 4", CLASS D PATCH, TYPE 2, 6", CLASS D PATCH, TYPE 3, 6", or CLASS D PATCH, TYPE 4, 6". This price shall include excavating and removing existing material, furnishing and placing tack coat and asphalt, and all other labor, material, and equipment necessary to complete this item.

The labor, material, and equipment necessary to remove defects in the base or subgrade shall be included in the cost for CLASS D PATCH, and will not be paid for separately.

The labor, material, and equipment necessary to install additional aggregate (CA-6) or asphalt to correct base or subgrade defects shall be included in the cost for CLASS D PATCH, and will not be paid for separately.

STORM SEWERS, CLASS B, TYPE 1, 8"
STORM SEWERS, CLASS B, TYPE 1, 12"

Description. This work shall consist installing polyvinyl chloride pipe (PVC) storm sewer at the locations shown in the plans and as directed by the Village. All work shall be in accordance to Section 550 of the Standard Specifications and any applicable requirements of the Metropolitan Water Reclamation District except as specified herein.

The PVC pipe shall be SDR-26 and conform to ASTM D-3034, with rubber gasket joints that conform to ASTM D-3212.

When water main quality PVC pipe is specified, the pipe shall be SDR-26 and conform to ASTM D-2241 or AWWA C-900/C-905, with rubber gasket joints that conform to ASTM D-3139.

The PVC pipe shall be joined to the existing sewer pipe at each end with a non-shear "band seal" coupling with stainless steel non-shear rings. The replacement pipe shall have the same inside diameter as the existing sewer.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per FOOT for STORM SEWERS, CLASS B, TYPE 1, 8" or STORM SEWERS, CLASS B, TYPE 1, 12". This price shall include all the costs for saw cutting, excavating and disposing the existing pavement and base, furnishing and placing pipe bedding material, installing new sewer, connecting to existing structures with non-shear "band-seal" couplings, disposing excess material, and all other labor, material, and equipment necessary to complete the work.

The labor, material, and equipment necessary to backfill the trench will be paid under the item for TRENCH BACKFILL.

The labor, material, and equipment necessary to make sewer service connections will be paid under the item for SEWER SERVICE REMOVAL AND REPLACEMENT.

STORM SEWER REMOVAL AND REPLACEMENT, 8"

Description. This work shall consist of the removing a section of existing storm sewer and replacing it with polyvinyl chloride pipe (PVC) at the locations shown in the plans and as directed by the Village. All work shall be in accordance to Section 550 of the Standard Specifications and any applicable requirements of the Metropolitan Water Reclamation District except as specified herein.

The PVC pipe shall be SDR-26 and conform to ASTM D-3034, with rubber gasket joints that conform to ASTM D-3212.

When water main quality PVC pipe is specified, the pipe shall be SDR-26 and conform to ASTM D-2241 or AWWA C-900/C-905, with rubber gasket joints that conform to ASTM D-3139.

The PVC pipe shall be joined to the existing sewer pipe at each end with a non-shear "band seal" coupling with stainless steel non-shear rings. The replacement pipe shall have the same inside diameter as the existing sewer.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per FOOT for STORM SEWER REMOVAL AND REPLACEMENT of the diameter indicated on the plans and as directed by the Village. This price shall include all the costs for saw cutting, excavating and disposing the existing pavement and base, removing and disposing the existing sewer, furnishing and placing pipe bedding material, installing new sewer, connecting to existing structures with non-shear "band-seal" couplings, disposing excess material, and all other labor, material, and equipment necessary to complete the work.

The labor, material, and equipment necessary to backfill the trench will be paid under the item for TRENCH BACKFILL.

The labor, material, and equipment necessary to make sewer service connections will be paid under the item for SEWER SERVICE REMOVAL AND REPLACEMENT.

CATCH BASINS, MANHOLES, INLETS, AND VALVE VAULTS

Description. This work shall consist of constructing catch basins, manholes, inlets, and valve vaults, together with the necessary cast iron frames and lids, in accordance with Section 602 of the Standard Specifications, except as specified herein.

All catch basins, manholes, or inlets shall be provided with flexible rubber boots for all pipes to ensure a watertight seal between the pipe and catch basin, manhole, or inlet. The flexible rubber boots shall conform to ASTM C-923.

Catch basins, manholes, or inlets constructed in a location where an existing structure was removed shall include five feet of pipe for each existing pipe location. Sewer pipe shall be PVC SDR-26, RCCP, or ductile iron in accordance with the Standard Specifications, and connections to the existing sewer shall be made using non-shear, "band-seal" couplings with stainless steel shear rings. All half-trap pipes installed inside catch basins, manholes, or inlets shall be considered incidental to this pay item.

All closed lids shall have the words "COMBINED", "STORM", "SANITARY", or "WATER" cast into them, as shown in the plans and as directed by the Village.

Adjusting the frames on new drainage structures in the pavement to final grade, prior to paving the HMA surface course, will not be paid separately.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per EACH for CATCH BASINS, MANHOLES, or INLETS, of the type and size specified, with the specified frame and grates or lids, which price shall include all labor, material, and equipment necessary to complete the work as specified herein.

The labor, material, and equipment necessary to install the rubber boots shall be included in the cost of CATCH BASINS, MANHOLES, INLETS, or VALVE VAULTS and will not be paid for separately.

The labor, material, and equipment necessary to connect existing sewer(s) to the new structure, including the removal and installation of up to 5 feet of sewer pipe and couplings, shall be included in the cost of CATCH BASINS, MANHOLES, or INLETS and will not be paid for separately.

The labor, material, and equipment necessary to backfill the trench shall be included in the cost of CATCH BASINS, MANHOLES, INLETS, or VALVE VAULTS and will not be paid for separately.

FRAMES AND LIDS, TYPE 1, OPEN LID FRAMES AND LIDS, TYPE 1, CLOSED LID

Description. This work shall consist of furnishing and installing Type 1 frames and lids on structures as shown on the plans and as directed by the Village. This work shall be in accordance with Sections 602 and 604 of the Standard Specifications except as noted herein.

Type 1 frames and lids for each structure type listed below shall be in accordance to the following unless directed otherwise by the Village:

- Catch Basins and Inlets: “heavy duty” frames and open lids shall be Neenah R-2540/R-2595-A, East Jordan 1020, or approved equal.
- Storm Manholes: “heavy duty” frames & closed lid shall be Neenah R-1538/R-1772, East Jordan 1022, or approved equal.
- Sanitary and Combined Manholes: “heavy duty” frames & closed lid shall be Neenah R-1538/R-1772, East Jordan 1022, or approved equal; shall be ‘self-sealing’ with neoprene gasket and 2 concealed pick holes.
- Valve Vaults: “heavy duty” frames & closed lid shall be Neenah R-1538/R-1772/R-1713, East Jordan 1022/1050, or approved equal; shall be ‘self-sealing’ with neoprene gasket and 2 concealed pick holes.

All closed lids shall have the words “SANITARY”, “STORM”, “COMBINED”, or “WATER” cast into them.

Frames with open lids that are located west of Ridge Road shall read “drains to waterways, dump no waste”, include symbols, and be approved by the Village prior to delivery.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per EACH for FRAMES AND LIDS, TYPE 1, of the specified lid type, which price shall include all labor, material, and equipment necessary to complete the work as specified herein.

The frames and lids installed on replaced catch basins, manholes, inlets, or valve vaults shall be included in the cost of CATCH BASINS, MANHOLES, INLETS, VALVE VAULTS, or DRAINAGE STRUCTURE TO BE RECONSTRUCTED, and will not be paid for separately.

The labor, material, and equipment necessary to adjust the structure and install the frame and lid shall be included in the cost of FRAMES AND LIDS, TYPE 1 and will not be paid for separately.

CONCRETE CURB, TYPE B

Description. This work shall consist of constructing concrete curb in accordance with Section 606 of the Standard Specifications except as noted herein.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per FOOT for CONCRETE CURB, TYPE B. This price shall include all costs for excavating and disposing of existing material, furnishing and placing the aggregate base material (CA-6), installing curb, backing filling, and all other labor, material, and equipment necessary to furnish and install this item.

COMBINATION CURB AND GUTTER, TYPE B-6.12
COMBINATION CURB AND GUTTER, TYPE B-6.18

Description. This work shall consist of constructing combination concrete curb and gutter in accordance with Section 606 of the Standard Specifications except as noted herein.

Construction Requirements. The type of curb and gutter shall match adjacent existing curb and gutter sections, unless otherwise directed by the Village.

The height of the curb shall vary at pavement berms, driveways, and at sidewalk ramps as shown on the plans and as directed by the Village.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per FOOT for COMBINATION CURB AND GUTTER, TYPE B-6.12 or COMBINATION CURB AND GUTTER, TYPE B-6.18. This price shall include all costs for furnishing and placing the aggregate base material (CA-6), installing curb and gutter, backing filling, disposing of the excess excavated material, and all other labor, material, and equipment necessary to furnish and install this item.

MOBILIZATION

Description. This work shall comply with Section 671 of the Standard Specification except as noted herein.

Method of Measurement and Basis of Payment. This work shall include all labor, material, and equipment necessary to mobilize construction for Phase 1, Phase 2, and Phase 3 of the project. This work will be paid for at the contract unit price LUMP SUM for MOBILIZATION.

TRAFFIC CONTROL AND PROTECTION

Description. This work shall be done in accordance with applicable portions of Section 701 of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", and any details and Highway Standards contained in the Plans and Special Provisions, and the Special Provisions contained herein, except as modified herein. This work shall consist of planning, furnishing, installation, maintenance, relocation, and removal of all traffic control devices as required to complete the work specified in the contract for Phase 1, Phase 2, and Phase 3.

Construction Requirements. Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Recurring Local Roads and Streets Special Provisions, and Special Provisions contained herein, relating to traffic control.

HIGHWAY STANDARDS 701301, 701311, 701501, 701801, 701901

DETAILS:

Traffic Control and Protection for Side Roads, Intersections, and Driveways (TC-10)

SPECIAL PROVISIONS (Included in these Special Provisions by reference):

Maintenance of Roadways
 Work Zone Traffic Control Surveillance (LRS 3)
 Flaggers in Work Zones (LRS 4)
 Paving Brick and Concrete Paver Pavements and Sidewalks (LRS 14)

The Contractor shall contact the Village at least 72 hours in advance of beginning work. Construction operations shall be conducted in a manner such that streets will be open to emergency traffic and accessible as required to local traffic. 72 hours advanced notice shall be provided to residents, police, fire, school districts and trash haulers when access to any street will be temporarily closed or limited. Removal and replacement of curb and gutter and driveways shall be planned so as to cause a minimum of inconvenience to the abutting property owners.

The contractor shall provide the Village, at the preconstruction meeting, a proposed plan for traffic control and protection throughout the duration of the project. The proposal shall include "Road Construction Ahead" signs at the beginning, end and all adjacent roadways to the project. The streets adjacent to the alleys shall be open to local traffic at all times. If, at the discretion of the Engineer, a road closure is necessary, the contractor shall submit a proposed traffic control plan no less than three days prior to the day of the closure. The contractor shall also notify all local authorities and emergency services no less than 24 hours prior to the day of the closure.

At the preconstruction meeting, the Contractor shall furnish the name of the individual in his direct employ who is to be responsible for the installation and maintenance of the traffic control for this project. If the actual installation and maintenance are to be accomplished by a subcontractor, consent shall be requested of the Engineer at the time of the preconstruction meeting in accordance with Article 108.01 of the Standard Specifications. This shall not relieve the Contractor of the requirement to have a responsible individual in his direct employ supervise the work.

Revise Article 701.19 to read:

"701.19 Method of Measurement. Traffic control and protection will be measured for payment on a lump sum basis."

Revise Article 701.20 to read:

"701.20 Basis of Payment. Traffic control and protection will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, which price shall include all of the above listed details, standards, and special provisions."

CLEARING AND GRUBBING

Description. This work shall consist of the removal and disposal of existing material within the limits shown on the plans or as required by the Village. This material shall include fences, walls, foundations, debris, and foreign matter, as well as the cutting and removal of trees, saplings and stumps less than six (6) inches in diameter, matted roots, shrubs, bushes, and hedges. This material shall be disposed of in accordance with Section 202 of the Standard Specifications. All plants and other landscape features outside the limits of the work shall be protected in accordance with Section 201 of the Standard Specifications.

Construction Requirements. The method of clearing and grubbing shall be determined by the Contractor and approved by the Village prior to the start of construction.

Grubbing shall extend to a minimum of twelve (12) inches below the existing surface.

All holes, openings, or disturbed areas shall be filled with acceptable material to the existing ground elevation and compacted.

Method of Measurement and Basis of Payment. This work shall be measured in place and paid for at the contract unit price per SQUARE YARD for CLEARING AND GRUBBING. This pay item shall include all labor, material, and equipment necessary to complete this item.

SEWER CONNECTION

Description. This work shall consist of connecting a proposed sewer or underdrain to an existing drainage structure, at the locations noted on the plans and as directed by the Village.

Construction Requirements. For purposes of this contract, all connections will be paid for at the same unit cost regardless of size of sewer pipe to be connected.

All proposed pipe connections to existing catch basins, manholes, or inlets shall be machine cored and provided with a flexible rubber boot to ensure a watertight seal between the pipe and structure. The flexible rubber boots shall conform to ASTM C-923.

Method of Measurement and Basis of Payment. This work shall be paid for at the contract unit price per EACH for SEWER CONNECTION. This pay item shall include all labor, material, and equipment necessary to make the proposed connection.

The labor, material, and equipment necessary to excavate and backfill the trench shall be included in the cost of SEWER CONNECTION and will not be paid for separately.

SEWER SERVICE REMOVAL AND REPLACEMENT

Description. This item shall consist of removing a section of existing sanitary, storm, or combined service sewer and replacing it with PVC SDR-26 pipe at the locations shown on the plans and as directed by the Village. Replacement pipe shall have the same inside diameter as the existing service sewer. All work shall comply with Section 563 of the Standard Specifications, except as noted herein.

Construction Requirements. If a sewer service is encountered in the section of sewer main being replaced, a PVC factory wye shall be installed. The wye connection to the existing service shall be completed with minimal replacement of the existing service. The replacement service pipe and non-shear "band-seal" couplings shall meet the same criteria as listed above.

Method of Measurement and Basis of Payment. This work shall be measured and paid for at the contract unit price EACH for SEWER SERVICE REMOVAL AND REPLACEMENT. This price shall include all costs for excavation, existing service pipe removal, disposal of excess excavated material, replacement of up to 8' of sewer service pipe, saw cuts, the non-shear "band-seal" couplings, and factory wyes.

The labor, material, and equipment necessary to backfill the trench will be paid under the item for TRENCH BACKFILL.

BRICK PAVEMENT REMOVAL

Description. This work shall consist of removing all existing roadway brick pavers, disposing bricks that cannot be salvaged, cleaning, palletizing, plastic wrapping and storing pallets of the salvaged bricks at the public works facility located at 711 Laramie Avenue, Wilmette IL or at an area designated by the Village.

Construction Requirements. The contractor shall exercise due care in removing and handling existing brick to ensure maximum salvage rate. The Contractor shall remove and stack bricks by hand. No machinery shall be used to remove bricks, except as necessary to start a section of brick removal, or as approved by the Village. The Village must approve the removal method prior to the contractor beginning removal operations. Test sections of brick removal indicate a salvage rate of approximately 70%. The Contractor shall remove bricks in a way as to ensure a salvage rate of 70% is achieved. A quantity of replacement bricks equal to 30% of the existing brick area to be removed will be available for contractor pick-up at the public works facility located at 711 Laramie Avenue, Wilmette IL by the Contractor.

Due to the historical value of the bricks, the Contractor shall take all necessary precautions to ensure that bricks are not lost or stolen. Any bricks lost, stolen or damaged as a result of the Contractor's negligence shall be replaced at the Contractor's expense, regardless of the salvage rate the Contractor is able to achieve. All bricks not cracked, severely chipped, or broken; clean cut half bricks; or clean-cut angled bricks (for intersections only) shall be considered salvageable bricks, as determined by the Engineer. All bricks deemed unsalvageable or in poor condition shall be removed from the project and properly disposed of by the Contractor.

Cleaning foreign material from the salvageable bricks shall be completed before stockpiling of the bricks and may be completed as the bricks are removed or any time before bricks are stacked onto pallets. All dirt, sand, mortar, tar, and anything else not considered part of the brick surface shall be removed by hand brushing, wire brush, or sand paper. Under no circumstances shall the bricks be cleaned by striking them with a blunt object or battered against hard surfaces. The method of cleaning shall also not excessively scar the surface of brick, especially the surface which is to be exposed on the final surface.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per SQUARE FOOT for BRICK PAVEMENT REMOVAL. This work will be measured for payment in place of the total area of existing brick pavement, including both salvaged and bricks to be disposed.

BRICK PAVEMENT INSTALLATION

Description. This work shall consist of hauling salvaged and new replacement bricks at the Village Public Works Yard to and from the project site, installing salvaged brick pavers and replacement brick pavers, installing a sand setting bed, filling joints with sand/cement filler, compacting the bricks, watering the bricks and re-filling the joints as necessary. This work shall be constructed according to current brick paving industry standards and completed by a Contractor experienced in heavy traffic paving brick construction.

Construction Requirements. The Village reserves the right to reject any salvaged bricks that are severely cracked, chipped, or broken.

Upon completion of patching poor areas, adding aggregate base repair as needed, and grading the existing aggregate base course on the roadway, in accordance with the typical sections, a three-quarter inch (3/4") layer of sand, gradation FA-2, shall be constructed. The 3/4" layer of sand shall be compacted with a hand compactor so that the finish is free of all undulations, ruts, tire mark and depressions. Prior to the placement of the brick pavers the Village shall visually inspect the roadway to receive the brick pavers. The Contractor shall repair any area deemed necessary by the Village by adding additional sand and compacting the area.

Any damaged brick pavers or non-brick pavement shall be disposed of offsite. The Village shall inspect the brick pavers prior to installation. Any brick pavers deemed unsuitable for installation shall be properly disposed of offsite by the Contractor at no additional expense to the Village. The Contractor shall transport from the Village Public Works Yard and install additional replacement brick pavers (not exceeding the 30% loss from removal) to complete the limits as noted on the plans. No additional compensation will be made for transporting and installing additional replacement brick pavers required.

Final brick placement after sand tamping shall be 1/2" higher than the gutter edge. Layout of bricks shall begin at ends of brick pavement that abuts hot-mix asphalt, concrete ribbon or existing brick pavement. On mainline brick pavement, bricks shall be laid out in "running bond" pattern perpendicular to the centerline of the road, identical to similar adjacent roadways prior to construction.

String lines or chalk lines may be used to keep the pattern straight and uniform and to ensure the brick are laid perpendicular to the flow of traffic. Whole pavers should be laid first, followed by pavers cut to size with a masonry saw equipped with an air filtration system or wet saw cutting capabilities. Pavers should be laid so that the 4" width is top to bottom or, if present, the manufacturer's name is on its side. Each course of bricks shall extend across the entire width of the roadway from edge to edge.

Joints between bricks in a course and between courses shall have hand-tight joint spacing of approximately 1/8". The finished surface of bricks shall be laid 1/2" above abutting gutter and frames adjacent to the curb and gutter after final compaction. Brick around manhole frames shall be laid so that the manhole frame is 1/8" higher than brick when the manhole frame has been properly adjusted to grade.

Vehicular traffic shall not be allowed on completed brick layout until the joints have been filled with sand and properly compacted. Brushing in of joint sand shall commence shortly behind completed brick layouts in order to ensure an efficient operation and allow the road to be open at the end of the day.

A one-row circular soldier course pattern shall be laid around all manhole structures within the brick pavement in accordance with the detail on the plans.

Once bricks have been properly laid out, the bricks shall be compacted with a pneumatic tired roller. A steel wheel roller or plate compactor without a rubber mat shall not be allowed as these could damage the bricks. The bricks shall be compacted to a smooth, even finish.

Once the brick layout has been compacted, a dry sand/cement mix shall be brushed into the joints. The sand shall be continually brushed over the surface until the joints fill flush with the top of the pavers.

The sand/cement mix shall be dry mixed with 1 part Portland cement to 6 parts sand. The sand shall meet the requirements for ASTM C 144 (mason's sand), however the maximum particle size shall not be larger than the joint size (1/8").

When the joints have been completely brushed and flush with the top of the pavers, the area shall be lightly fogged with water to penetrate the joints and hydrate the cement. If some settlement in the joint occurs, continue the process until the sand in the joint remains flush with the top of the paver. Care shall be taken to ensure that no cement is left on the pavement, as stains may result.

If a pre-mixed material will be used, the contractor must submit the request in writing and include material specifications for review and approval by the Village.

Joint spacing shall not be less than 1/16" nor more than 1/4", but should have an average spacing of 1/8" hand-tight joints.

The maximum variation from plane of the pavement surface shall be \pm 1-inch in 10 feet. The edges of any two adjacent pavers shall not differ by more than 1/4-inch in height. Bricks adjacent to curb and gutter and drainage structures shall be above the gutter by 1/2". The bond line to which the paver pattern is laid shall not vary by more than 2-inch in 50 feet.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per SQUARE FOOT for BRICK PAVEMENT INSTALLATION, which price shall be payment in full for transporting and installing the salvaged brick pavers, transporting and installing additional brick pavers as required, furnishing and installing a geotechnical fabric layer, 3/4" bedding layer of sand, joint filler, and all labor, equipment and materials necessary to complete the as specified herein. This work will be measured for payment in place, and the area computed in SQUARE FEET.

BRICK PAVER REMOVAL AND REPLACEMENT

Description. This work shall consist of removing and replacing existing brick pavers, concrete pavers, stone, and any other type of specialty sidewalk or landscape features with the same material in kind, at the locations and limits determined by the Village during construction. This work shall be done in accordance with Article 1041.03 of the Standard Specifications except as noted herein.

Construction Requirements. Each area shall be returned to the same or better condition as it was prior to removal. The Contractor shall furnish all materials necessary to replace damaged pavers, to use for cutting, and to match the original dimensions of the specialty sidewalk or landscape feature. The Contractor shall not remove intact bricks from the project limits.

Method of Measurement and Basis of Payment. This work shall be paid for at the contract unit price per SQUARE FOOT for BRICK PAVER REMOVAL AND REPLACEMENT. Replacement of specialty sidewalk will be measured for payment in place, and the area computed in square feet.

Furnishing and placing sand and other replacement materials required to match the existing surface type of the sidewalk or landscape feature will not be measured for payment but shall be considered as included in the contract.

It is the sole responsibility of the Contractor to determine the extent of work necessary to complete this work prior to contract bidding, as no additional compensation shall be provided for this item.

WOOD FENCE REMOVAL AND REPLACEMENT

Description. This work shall include all labor and equipment necessary to remove and replace an existing wood fence, posts, and other accessories at the locations shown on the plans and as directed by the Village. This work shall be in accordance to Sections 664, 665, 1006, and 1007 of the Standard Specifications except as noted herein.

Construction Requirements. The limits of removal shall be marked and measured for payment by the Village prior to removal. Any existing fence (that is to remain in-place) or property damage caused by construction and outside of the limits of removal shall be repaired by the Contractor at his/her own expense.

The new wood fence shall be supplied by the Contractor and shall match the style, color, height, type, post spacing, and thickness of the existing wood fence. The Contractor shall tie the new fence into the existing fence that is to remain in-place.

Method of Measurement and Basis of Payment. This work shall be paid for at the contract unit price per FOOT for WOOD FENCE REMOVAL AND REPLACEMENT. This price shall include all costs for removing and disposing of the existing wood fence and posts, excavating existing pole bases, disposing of excess material, installing the new posts and wood fence, and all other labor, material, and equipment necessary to complete this item.

STRUCTURES TO BE ADJUSTED

Description. This work shall consist of adjusting structures as noted herein.

All structures located in the curb flow line shall be adjusted to finished grade – this work shall be paid for as STRUCTURES TO BE ADJUSTED.

Construction Requirements. Adjustments will be made with existing frames and grates or lids unless otherwise specified in the plans and as directed by the Village. New frames and grates or lids will be paid for separately.

Concrete adjustment rings less than 4" thick shall not be allowed. High Density Polyethylene (HDPE) plastic adjusting rings and ring wedges shall be used for all adjustments less than 4" or in combination with 4" minimum concrete adjustment rings. Bricks shall not be used.

Method of Measurement and Basis of Payment. This work shall be paid for at the contract unit price per EACH for STRUCTURES TO BE ADJUSTED or STRUCTURES TO BE ADJUSTED, SPECIAL in accordance with the details, which shall include all labor, material, and equipment necessary to complete the above work as specified herein.

BYPASS PUMPING, SPECIAL

Description. When pumping and bypass pumping is required, the Contractor shall supply all necessary pumps, conduits, and other necessary equipment to divert the flow around the pipe section or manhole in which work is to be performed.

Construction Requirements. The bypass system shall be of sufficient capability to handle existing dry-weather flow plus additional flow that may occur during wet-weather (i.e. rainfall or snowmelt events). The Contractor shall be responsible for furnishing the necessary labor and supervision to set up and operate the pumping and bypassing system. Pumps and equipment shall be continuously monitored by the Contractor during the periods that pumping and bypassing are required.

Method of Measurement and Basis of Payment. This work shall be paid for at the contract unit price LUMP SUM for BY-PASS PUMPING, SPECIAL, which price shall include all labor, equipment, and material to complete the work as specified in these Special Provisions.

BRICK DRIVEWAY REMOVAL AND REPLACEMENT

Description. This work shall consist of removing the existing brick pavers and base material and placing the brick pavers as described below upon replacement of the existing base. Pavers shall be in accordance with Article 1041.03 of the Standard Specifications except as noted herein.

Construction Requirements. This item includes removing and properly disposing of failed sand, aggregate, bituminous, or concrete base material after the bricks have been removed. The Village shall determine the thickness of base course to be removed and replaced in the field after the bricks have been removed. The maximum thickness of the existing base course to be removed shall be considered to be 9".

Removing brick from the project limits will not be allowed. Cleaning shall consist of removing all debris, mud, markings, etc. with water and a brush. In accordance with the typical sections, a three-quarter inch (3/4") layer of sand, gradation FA-2, shall be constructed and compacted with a hand compactor so that the finish is free of all undulations, ruts, tire mark and depressions. Prior to placing the brick pavers, the Village shall visual inspect the driveway base. The Contractor shall repair any area deemed necessary by the Village by adding additional sand and compacting the area. The pattern of the brick pavers shall be identical to the existing driveway pattern prior to construction. Any damaged brick pavers or non-brick pavement shall be disposed of offsite.

Any brick pavers deemed unsuitable for installation shall be properly disposed of offsite by the Contractor at no additional expense to the Village. No additional compensation will be made for transporting and installing additional brick pavers required, but it shall be included in the unit cost for BRICK DRIVEWAY REMOVAL AND REPLACEMENT.

If base course removal is required by the Village, the depth of CA-6 shall be determined by the Village and placed in two lifts, or as directed by the Village, and compacted with a hand compactor so that the finish is free of all undulations, ruts, tire mark and depressions. Upon completion of the stone base layer, a three-quarter inch (3/4") layer of sand, gradation FA-2 shall be placed and compacted with a hand compactor so that the finish is free of all undulations, ruts, tire mark and depressions. Prior to the placement of the brick pavers the Village shall visually inspect the portion of driveway to receive the brick pavers. The Contractor shall repair any area deemed necessary by the Village by adding additional sand and compacting the area.

The pattern of the brick pavers shall be identical to the pre-existing condition of the driveway prior to construction. The Contractor shall take a minimum of two photographs of each driveway prior to removing the brick pavers. Any damaged brick pavers shall be disposed of and will not be permitted to be installed. If a shortfall of brick pavers is encountered, the Contractor shall provide additional material as necessary and install any additional required brick pavers to complete the limits as noted on the plans. The additional brick pavers must match the existing material and be approved by the Village before installation. No additional compensation will be made for supplying and installing additional brick pavers required, but it shall be included in the unit cost for BRICK DRIVEWAY REMOVAL AND REPLACEMENT.

After the brick pavers have been removed, the driveway shall remain accessible at all time. Access to the existing driveways shall be maintained for the duration of the contract.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per SQUARE YARD for BRICK DRIVEWAY REMOVAL AND REPLACEMENT, which price shall be payment in full for removing, cleaning, stacking, saw-cutting, and installing the brick pavers; supplying, transporting, and installing additional brick pavers supplied by the Contractor, if required, removing and disposing of base material, furnishing and installing the bedding layers of stone and sand, and all labor and all equipment and materials necessary to complete the work as specified herein. The payment area shall be the final installed width of only the driveway area where work was performed.

HMA DRIVEWAY PAVEMENT, 3"

Description. This work shall consist of paving Hot-Mix Asphalt (HMA) driveway pavement at the locations shown on the plans and directed by the Village. This work shall be in accordance with Sections 301, 351 and 423 of the Standard Specifications except as noted herein.

Construction Requirements.

The Contractor shall install a minimum 8" compacted aggregate base course, Type B (CA-6). The Contractor shall place embankment, in accordance with Sections 205 of the Standard Specifications, in order to achieve the finished grades as shown on the plans.

The Contract shall then install a 3" HMA surface course, Mix "D", N50. The HMA driveway shall be constructed in two lifts in accordance with Section 423 of the Standard Specifications insofar as applicable.

Method of Measurement and Basis of Payment. This work will be measured in place and paid for at the contract unit price per SQUARE YARD for HMA DRIVEWAY PAVEMENT, 3". This price shall include furnishing and placing aggregate base course (CA-6), furnishing and paving HMA, and all other materials, labor, and equipment necessary to complete this item.

COMBINED SEWER REMOVAL AND REPLACEMENT, 10"

Description. This work shall consist of the removing a section of existing combined sewer and replacing it with polyvinyl chloride pipe (PVC) at the locations shown in the plans and as directed by the Village. All work shall comply with the Manual of Procedures for the Administration of the Sewer Permit Ordinance. The Contractor must contact the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) Inspector at least 48 hours prior to all repair of combined sewer systems at 708-588-4055.

The PVC pipe for 12" diameters shall be SDR-26 and conform to ASTM D-3034, with rubber gasket joints that conform to ASTM D-3212. The PVC pipe for 18" diameters shall be SDR-26 and conform to ASTM F-679 (F/DY=46), with rubber gasket joints that conform to ASTM D-3212.

When water main quality PVC pipe is specified, the pipe shall be SDR-26 and conform to ASTM D-2241 or AWWA C-900/C-905, with rubber gasket joints that conform to ASTM D-3139.

The PVC pipe shall be joined to the existing sewer pipe at each end with a non-shear "band seal" coupling with stainless steel non-shear rings. The replacement pipe shall have the same inside diameter as the existing sewer.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per FOOT for STORM SEWER REMOVAL AND REPLACEMENT, 10". This price shall include all the costs for saw cutting, excavating and disposing the existing pavement and base, removing and disposing the existing sewer, furnishing and placing pipe bedding material, installing new sewer, connecting to existing structures with non-shear "band-seal" couplings, disposing excess material, and all other labor, material, and equipment necessary to complete the work.

The labor, material, and equipment necessary to backfill the trench will be paid under the item for TRENCH BACKFILL.

The labor, material, and equipment necessary to make sewer service connections will be paid under the item for SEWER SERVICE REMOVAL AND REPLACEMENT.

LANDSCAPE RESTORATION ALLOWANCE

Description. This work shall consist of restoring landscape features in kind at the locations identified for clearing and grubbing. Landscape features include fences, walls, foundations, trees and saplings less than six (6) inches in diameter, shrubs, bushes, hedges, and other landscape material as directed by the Village.

Method of Measurement and Basis of Payment. This work will be paid for by force account, in accordance with Section 109 of the Standard Specifications. The Contractor shall submit time and material statements to the Village upon completion of this item at each location.

SPRINKLER SYSTEM HEAD SPRINKLER SYSTEM LINE

Description. This work shall consist of repairing lawn sprinkler systems damaged by construction operations to the full extent.

Construction Requirements. The Contractor shall remove and properly dispose of damaged system materials and furnish and install sprinkler system replacement lines, fittings, and heads of the same or better quality, as approved by the Village.

Sprinkler system repairs shall be made by an experienced contractor specializing in lawn sprinkler system installation, maintenance, and repair, and shall be able to provide proof of past experience upon request. The sprinkler system repair contractor will be considered a qualified contractor as determined by the Village.

Under no circumstance shall the Village take responsibility for scheduling repairs. The Village will not make payment for sprinkler system repairs until individual system owners have indicated in writing that their system has been satisfactorily repaired. The Contractor shall coordinate all repairs with the individual sprinkler system owners in order to access controls for flushing and testing.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per EACH for SPRINKLER SYSTEM HEAD and at the contract unit price per FOOT for SPRINKLER SYSTEM LINE. These prices shall include all types and sizes of sprinkler system materials, fittings, and components necessary to make system repairs to the full extent, and all other labor, material, and equipment necessary to complete this work.

This work will only be paid for when the damaged materials are within one (1) foot of a proposed improvement. Damages that occur outside of one (1) foot from proposed improvements shall be repaired by the Contractor at his/her own expense.

CONSTRUCTION LAYOUT

Description. The Contractor shall be required to furnish and place construction layout stakes for this project. The Village will provide adequate reference points to the centerline of survey and benchmarks as shown in the plans and listed herein. Any additional control points set by the Village will be identified in the field to the Contractor and all field notes will be kept in the office of the Village.

Construction Requirements. The Contractor shall provide field forces, equipment and material to set all additional stakes for this project, which are needed to establish offset stakes, reference points, and any other horizontal or vertical controls, including supplementary benchmarks, necessary to secure a correct layout of the work. Stakes for line and grade of pavement and/or curb shall be set at sufficient station intervals (not to exceed 15 m (50 ft.)) to assure substantial conformance to plan line and grade. The Contractor will not be required to set additional stakes to locate a utility line which is not included as a pay item in the contract nor to determine property lines between private properties.

The Contractor shall be responsible for having the finished work substantially conform to the lines, grades, elevations and dimensions called for in the plans. Any inspection or checking of the Contractor's layout by the Village and the acceptance of all or any part of it shall not relieve the Contractor of his/her responsibility to secure the proper dimension, grades and elevations of the several parts of the work. The Contractor shall exercise care in the preservation of stakes and benchmarks and shall have them reset at his/her expense when any are damaged, lost, displaced or removed or otherwise obliterated.

Responsibility of the Village:

- a. The Village will locate and reference the control points for the project. Locating and referencing the centerline of survey will consist of establishing and referencing the control points shown on the plans.
- b. Benchmarks will be established along the project outside of the construction lines not exceeding 1,000' intervals horizontally and 20' vertically.
- c. Stakes set for (a) and (b) above will be identified in the field to the Contractor.
- d. The Village will make random checks of the Contractor's staking to determine if the work is in substantial conformance with the plans. Where the Contractor's work will tie into work that is being or will be done by others, checks will be made to determine if the work is in conformance with the proposed overall grade and horizontal alignment.
- e. The Village will set all stakes for utility adjustment for building fences along the right of way line by parties other than the Contractor.
- f. The Village will make all arrangements and take all cross sections from which the various pay items are to be measured.
- g. Where the Contractor, in setting construction stakes, discovers discrepancies, the Village will check to determine their nature and make whatever revisions are necessary in the plans, including the recross sectioning of the area involved. Any additional restaking required by the Village will be the responsibility of the Contractor. The additional restaking done by the Contractor will be paid for in accordance with 109.04 of the Standard Specifications.
- h. The Village will accept responsibility for the accuracy of the initial control points as provided herein.
- i. It is not the responsibility of the Village, except as provided herein, to check the correctness of the Contractor's stakes; however, any errors that are apparent will be immediately called to the Contractor's attention and he/she shall be required to make the necessary correction before the stakes are used for construction purposes.
- j. Where the plan quantities for excavation are to be used as the final pay quantities, he Village will make sufficient checks to determine if the work has been completed in substantial conformance with the plan cross sections.

Responsibility of the Contractor:

- a. The Contractor shall establish from the given survey points and benchmarks all the control points necessary to construct the individual project elements. The Contractor shall provide the Village adequate control in close proximity to each individual element to allow adequate checking of construction operations. This includes, but is not limited to, line and grade stakes, line and grade nails in form work, and/or filed or etched marks in substantially completed construction work.
- b. It is the Contractor's responsibility to tie in centerline control points in order to preserve them during construction operations.
- c. At the completion of the grading operations, the Contractor will be required to set stakes at 100' station intervals along each profile grade line. These stakes will be used for final cross sectioning by the Village.

- d. All work shall be in accordance with normally accepted self-checking surveying practices. Field notes shall be kept in standard survey field notebooks and those books shall become the property of the Village at the completion of the project. All notes shall be neat, orderly and in accepted form.
- e. For highway structure staking, the Contractor shall use diligent care and appropriate accuracy. Points shall be positioned to allow reuse throughout the construction accuracy. Prior to the beginning of construction activities, all structure centerlines and pier lines are to be established by the Contractor and checked by the Village. The Contractor shall provide a detailed structure layout showing span dimensions, staking lines and offset distances.

Method of Measurement and Basis of Payment. This item will be paid for at the contract price of LUMP SUM for CONSTRUCTION LAYOUT, which shall include all services, materials, labor, and other items required to complete the work.

DRAINAGE STRUCTURE TO BE REMOVED

Description. This work shall consist of removing existing structures. This work shall be performed in accordance with Section 605 of the Standard Specifications except as noted herein.

Construction Requirements. The word DRAINAGE STRUCTURE shall be understood to mean catch basin, manhole, inlet, valve vault, and valve box inclusive.

Method of Measurement and Basis of Payment. This work shall be measured and paid for at the contract unit price per EACH for DRAINAGE STRUCTURE TO BE REMOVED, which price shall include all labor, materials, and equipment necessary to complete this item.

EDGE SLOPE ADJUSTMENT

Description. The Contractor shall add or remove concrete to or from one side of the freshly poured concrete alley in order to improve the transition to adjacent pavements that are excessively high, greater than eight percent (8%), or low relative to the alley edge of pavement. This work shall occur at the locations shown on the plans and as designated by the Village.

Construction Requirements. Where the edge of pavement is to be raised: The Contractor shall, after the screed has passed, install additional edge forms to accommodate the required height increase and place additional concrete. This work shall be accomplished immediately after the screed has leveled off the initial concrete and before the concrete begins to set. The Contractor shall create a smooth sloping transition four feet (4') wide from this raised edge of pavement of the concrete surface as initially poured. Longitudinal transitions shall be made over a length of four feet (4').

Where the edge of the pavement is to be lowered: The Contractor shall, after the screed has passed, remove ample concrete to accommodate the required height decrease. This work shall be accomplished immediately after the screed has leveled off the initial concrete and before the concrete begins to set up. The Contractor shall create a smooth sloping transition from the lowered edge of pavement to the centerline of the alley. Longitudinal transitions shall be made over a length of four feet (4').

Measurement and Basis of Payment. This work shall be paid at the contract unit price per FOOT for EDGE SLOPE ADJUSTMENT. This price shall include all labor, material, and equipment necessary to complete this item as specified above.

VORTEX RESTRICTOR

Description. At locations shown on the plans or designated by the Village, the Contractor shall install a Vortex Restrictor in the drainage structure.

Material. The material shall be DYNA-SEWER FLOW RESTRICTORS, 8-INCH or an approved equal.

Construction Requirements. When applying a vortex restrictor, insert it with the opening down. Upon tightening of the 2 bolts on the face of the restrictor, the rubber O-rings will provide a water-tight seal. Pull on the restrictor to verify a tight fit is made.

Measurement and Basis of Payment. This work shall be paid at the contract unit price per EACH for VORTEX RESTRICTOR. This price shall include furnishing and installing a restrictor, and all other labor, material, and equipment necessary to complete this item.

BRICK PAVEMENT PATCH

Description. This work shall consist of removing the temporary asphalt patch placed by the Public Works Department on a brick street, compacting the existing base placed by the Public Works Department, placing any additional compacted CA-6 material needed to bring the base up to proper elevation, placing a three-quarter inch (3/4") sand layer, and replacing the bricks. All work shall be in accordance with the Brick Pavement Patch detail of the Construction Details.

Construction Requirements. Geotechnical fabric shall be installed between the sand setting bed and stone base layer where adjacent to curbs and structures.

The Village shall inspect all salvaged bricks prior to installation. If additional bricks are required for the pavement patching, the Contractor shall load and transport bricks from the Village Public Works Yard at 711 Laramie Avenue, Wilmette, Illinois. The additional bricks shall be furnished by the Village at no cost to the Contractor. No additional compensation will be made to the Contractor for loading, transporting, unloading, and installing the additional required brick pavers. The Contractor shall clean and palletize all unused bricks and return them to the Public Works Yard upon completion of the project.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per SQUARE FOOT as BRICK PAVEMENT REPAIRS (PATCHING), SPECIAL, which price includes payment in full for transporting and installing the salvaged brick pavers, transporting and installing additional brick pavers as required, furnishing and installing a geotechnical fabric layer, furnishing and installing a three-quarter inch (3/4") bedding layer of sand and sand/cement joint filler, and all labor, equipment and materials necessary to complete the work as specified herein.

All additional stone (CA-6) installed to bring the base up to grade shall be included in the cost of this pay item and will not be paid for separately.

BRICK PAVEMENT PATCH, SPECIAL

Description. This work shall consist of patching brick pavement at various locations as directed by the Village. This work shall include removing existing bricks, removing the existing deteriorated stone base to a depth of nine inches (9"), placing eight and one-quarter inches (8-¼") of new CA-6 base and a three-quarter inch (¾") sand layer, and replacing bricks with salvaged or new bricks. All work shall be in accordance with the Brick Pavement Patch detail of the Construction Details.

Construction Requirements. The limits for each brick pavement patching location will be marked out by the Village during construction. Each location shall have a cumulative area of either 25-50 SQ FT, 50-100 SQ FT, or greater than 100 SQ FT. The Contractor should anticipate the following distribution for this item, based on previous Village projects:

- 20% of this item will be 25-50 SQ. FT.
- 45% of this item will be 50-100 SQ. FT.
- 35% of this item will be > 100 SQ. FT.

The pattern and grade of the brick pavers shall be identical to the pre-existing pattern of the street, driveway, or sidewalk, prior to construction, and shall be placed flush with adjacent bricks.

The Village shall inspect all salvaged bricks prior to installation. If additional bricks are required for the pavement patching, the Contractor shall load and transport bricks from the Village Public Works Yard at 711 Laramie Avenue, Wilmette, Illinois. The additional bricks shall be furnished by the Village at no cost to the Contractor. No additional compensation will be made to the Contractor for loading, transporting, unloading, and installing the additional required brick pavers. The Contractor shall clean and palletize all unused bricks and return them to the Public Works Yard upon completion of the project.

The sand setting bed shall be ¾" deep, using FA-2 torpedo sand. The sand shall be clean, well-graded, and free from salts or other foreign matter. The sand shall not contain shale, stone dust screenings, or lightweight aggregates. Geotechnical fabric shall be installed between the sand setting bed and stone base layer, where repairs are made adjacent to curbs and structures, and shall be two (2) feet wide.

The sand/cement mix shall be dry mixed with 1 part Portland cement to 6 parts sand. The sand shall meet the requirements for ASTM C 144 (mason's sand), but the maximum particle size shall not be larger than the joint size (1/8"). Once the brick layout has been compacted, a dry sand/cement mix shall be brushed into the joints. The sand shall be continually brushed over the surface until the joints fill flush with the top of the pavers. When the joints have been completely brushed and the sand joint filler is flush with the top of the pavers, the area shall be lightly fogged with water to penetrate the joints and hydrate the cement. If some settlement in the joint occurs, continue the process until the sand in the joint remains flush with the top of the paver. Care shall be taken to ensure that no cement is left on the pavement, as stains may result. If a pre-mixed material will be used, the contractor must submit the request in writing and include material specifications for review and approval by the Village.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per SQUARE FOOT for BRICK PAVEMENT PATCH, SPECIAL. This price shall include removing, cleaning, stacking, transporting and installing the brick pavers, as well as loading, transporting, and unloading of any additional brick pavers as required. This price shall also include removal and disposal of surplus, unstable, unsuitable, and organic material, as well as furnishing and installing the new base material, geotechnical fabric, bedding sand, sand/cement joint filler, and all other equipment and material necessary to complete this item.

ARROW BOARD

Description. This work shall consist of furnishing and maintaining arrow boards for the construction of street patches. This work shall be in accordance to latest Illinois Highway Standards for Traffic Control (Standard 701901) except as noted herein.

Construction Requirements. Arrow boards shall be used to warn motorists of an upcoming lane closure. Arrow boards shall not be used to direct passing moves into lanes used by opposing traffic or to shift traffic without having a lane change.

On roads with normal posted speed less than 45 mph, Type A, B, or C units may be used for all operations.

Method of Measurement and Basis of Payment. This work shall be paid for at the contract unit price per DAY for each ARROW BOARD. This pay item shall include all labor, material, and equipment necessary to complete this item.

The labor, material, and equipment necessary to provide and maintain other traffic control devices and traffic control operations shall be included in the cost of TRAFFIC CONTROL AND PROTECTION and will not be paid for separately.

AGGREGATE SUBGRADE IMPROVEMENT (D-1)

Effective: February 22, 2012
 Revised: April 1, 2016

Add the following Section to the Standard Specifications:

“SECTION 303. AGGREGATE SUBGRADE IMPROVEMENT

303.01 Description. This work shall consist of constructing an aggregate subgrade improvement.

303.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Coarse Aggregate	1004.07
(b) Reclaimed Asphalt Pavement (RAP) (Notes 1, 2 and 3)	1031

Note 1. Crushed RAP, from either full depth or single lift removal, may be mechanically blended with aggregate gradation CS 01 but shall not exceed 40 percent by weight of the total product. The top size of the Coarse RAP shall be less than 4 in. (100 mm) and well graded.

Note 2. RAP having 100 percent passing the 1 1/2 in (37.5 mm) sieve and being well graded, may be used as capping aggregate in the top 3 in. (75 mm) when aggregate gradation CS 01 is used in lower lifts. When RAP is blended with any of the coarse aggregates, the blending shall be done with mechanically calibrated feeders. The final product shall not contain more than 40 percent by weight of RAP.

Note 3. The RAP used for aggregate subgrade improvement shall be according to the current Bureau of Materials and Physical Research Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications".

303.03 Equipment. The vibratory machine shall be according to Article 1101.01, or as approved by the Engineer. The calibration for the mechanical feeders shall have an accuracy of ± 2.0 percent of the actual quantity of material delivered.

303.04 Soil Preparation. The stability of the soil shall be according to the Department's Subgrade Stability Manual for the aggregate thickness specified.

303.05 Placing Aggregate. The maximum nominal lift thickness of aggregate gradation CS 01 shall be 24 in. (600 mm).

303.06 Capping Aggregate. The top surface of the aggregate subgrade shall consist of a minimum 3 in. (75 mm) of aggregate gradations CA 06 or CA 10. When Reclaimed Asphalt Pavement (RAP) is used, it shall be crushed and screened where 100 percent is passing the 1 1/2 in. (37.5 mm) sieve and being well graded. RAP that has been fractionated to size will not be permitted for use in capping. Capping aggregate will not be required when the aggregate subgrade improvement is used as a cubic yard pay item for undercut applications. When RAP is blended with any of the coarse aggregates, the blending shall be done with mechanically calibrated feeders.

303.07 Compaction. All aggregate lifts shall be compacted to the satisfaction of the Engineer. If the moisture content of the material is such that compaction cannot be obtained, sufficient water shall be added so that satisfactory compaction can be obtained.

303.08 Finishing and Maintenance of Aggregate Subgrade Improvement. The aggregate subgrade improvement shall be finished to the lines, grades, and cross sections shown on the plans, or as directed by the Engineer. The aggregate subgrade improvement shall be maintained in a smooth and compacted condition.

303.09 Method of Measurement. This work will be measured for payment according to Article 311.08.

303.10 Basis of Payment. This work will be paid for at the contract unit price per cubic yard (cubic meter) for AGGREGATE SUBGRADE IMPROVEMENT or at the contract unit price per square yard (square meter) for AGGREGATE SUBGRADE IMPROVEMENT, of the thickness specified.

Add the following to Section 1004 of the Standard Specifications:

“1004.07 Coarse Aggregate for Aggregate Subgrade Improvement. The aggregate shall be according to Article 1004.01 and the following.

- (a) Description. The coarse aggregate shall be crushed gravel, crushed stone, or crushed concrete. The top 12 inches of the aggregate subgrade improvement shall be 3 inches of capping material and 9 inches of crushed gravel, crushed stone or crushed concrete. In applications where greater than 36 inches of subgrade material is required, rounded gravel, meeting the CS01 gradation, may be used beginning at a depth of 12 inches below the bottom of pavement.
- (b) Quality. The coarse aggregate shall consist of sound durable particles reasonably free of deleterious materials. Non-mechanically blended RAP may be allowed up to a maximum of 5.0 percent.
- (c) Gradation.
 - (1) The coarse aggregate gradation for total subgrade thicknesses of 12 in. (300 mm) or greater shall be CS 01.

COARSE AGGREGATE SUBGRADE GRADATIONS					
Grad No.	Sieve Size and Percent Passing				
	8"	6"	4"	2"	#4
CS 01	100	97 ± 3	90 ± 10	45 ± 25	20 ± 20

COARSE AGGREGATE SUBGRADE GRADATIONS (Metric)					
Grad No.	Sieve Size and Percent Passing				
	200 mm	150 mm	100 mm	50 mm	4.75 mm
CS 01	100	97 ± 3	90 ± 10	45 ± 25	20 ± 20

- (2) The 3 in. (75 mm) capping aggregate shall be gradation CA 6 or CA 10.

END OF DOCUMENT