

**MEETING NOTICE AND AGENDA
FOR THE REGULAR MEETING OF MORTON GROVE-NILES
WATER COMMISSION (MGNWC)
TO BE HELD ON THURSDAY, JULY 25, 2019 AT 3:00 PM
AT THE NILES VILLAGE HALL ADMINISTRATIVE BUILDING
1000 CIVIC CENTER DRIVE, NILES, ILLINOIS 60714**

- I. Call to Order**
- II. Roll Call**
- III. Pledge of Allegiance**
- IV. Approval of Minutes**
 - a. Regular Meeting June 27, 2019
- v. Approval of Warrants**
 - a. 2019-07 Warrant: \$2,627,423.03
- VI. New Business**
 - a. None
- VII. Old Business**
 - a. None
- VIII. Superintendent Report**
 - a. Construction Progress
- IX. Other Business**
- X. Public Comment**
- XI. Adjournment**

**MINUTES
REGULAR MEETING
Thursday, June 27, 2019
Village of Niles Village Hall
Administration Building
1000 Civic Center Drive,
Niles, Illinois 60714**

- I. CALL TO ORDER - Chairman Steven C. Vinezeano called the meeting to order at 3:00 p.m.
- II. ROLL CALL – Superintendent Balling called the roll. Present were Commissioners Steven Vinezeano and Mark Fowler. John Pietron was absent.
- III. PLEDGE OF ALLEGIANCE - Commissioner Vinezeano led the assemblage in the Pledge of Allegiance.
- IV. APPROVAL OF MINUTES –
a. Regular Meeting May 23, 2019
- Chairman Vinezeano made a motion, seconded by Commissioner Fowler, to approve Regular Meeting Minutes of May 23, 2019. On roll call, the vote was:
YEAS 2 Vinezeano, Fowler
NAYS 0
ABSENT 1 Pietron
There being 2 affirmative votes, the **MOTION CARRIED**.
- V. APPROVAL OF WARRANTS - Warrant for Payment 2019-6 in the amount of \$2,090,762.00.
- Commissioner Fowler made a motion, seconded by Chairman Vinezeano, to approve Warrant List 2019-6. On roll call, the vote was:
YEAS 2 Vinezeano, Fowler
NAYS 0
ABSENT 1 Pietron
There being 2 affirmative votes, the **MOTION CARRIED**.
- VI. NEW BUSINESS - NONE
- VII. OLD BUSINESS - NONE
- VIII. SUPERINTENDENT REPORT – Superintendent Balling provided a brief update on the construction progress at which point the water will flow at 100% on July 17, 2019. .

- IX. OTHER BUSINESS - NONE
- X. PUBLIC COMMENT – NONE
- XI. ADJOURNMENT - Commissioners approved unanimously 3-0 to adjourn at 3:08 p.m.

Approved by the MGNWC Board of Commissioners
at its _____ Meeting

_____, Clerk

**WARRANT 2019-07
July 25, 2019**

CAPITAL DEVELOPMENT FUND ACCOUNT

1. Berger Excavating Contractors, Inc	\$ 429,409.31
2. City of Evanston Dec 10-26,2018 Flushing/Chlorination	\$ 14,392.87
3. DiMeo Brothers, Inc.	\$ 231,199.95
4. J.J. Henderson & Son, Inc.	\$ 1,045,453.65
a. Contract 6 2551 Church Evanston	\$ 507,414.74
b. Contract 7 7900 Nagle Morton Grove	\$ 538,038.91
5. Stanley Consultants	\$ 412,358.40
a. Design Services Invoice 23	\$ 59,662.18
b. Design Services invoice # 24	\$ 17,460.84
c. Construction Observation Service	\$ 335,235.38
6. TPB Professional Consulting	\$ 450.00
7. Village of Skokie engineering observation	\$ 16,570.08
8. WRB,LLC	\$ 25,174.80
CAPITAL DEVELOPMENT FUND TOTAL:	\$ 2,175,009.06

ANNUAL OPERATING FUND ACCOUNT

1. Cedar Side Investments, LLC, Administrative support	\$ 250.00
2. City of Evanston water purchases Dec27,2018-June 30, 2019 Prelim quantity charges	\$ 431,992.87
3. Village of Niles- Operating contract June, 2019	\$ 20,171.10
Inv # 246	\$ 519.10
Inv # 258	\$ 19,652.00
ANNUAL OPERATING FUND TOTAL:	\$ 452,413.97

TOTAL WARRANT 2019-07: \$ 2,627,423.03

Approved: _____ Date: _____



Contractor's Application for Payment No. 14

Application Period: 06/01/19 - 06/30/19	Application Date: 006/30/19
To: Morton Grove/Niles Water Commission	From (Contractor): Berger Excavating Contractors, Inc
(Owner):	Via (Engineer): Thomas Engineering Group, LLC
Project: MGNWC Contract # 1	Contract: _____
Owner's Contract No.: 27793.01.00	Engineer's Project No.: 1815

Application For Payment Change Order Summary

Approved Change Orders Number	Additions	Deductions
TOTALS		
NET CHANGE BY CHANGE ORDERS		

Contractor's Signature	Date: 06/30/19
By:	

- ORIGINAL CONTRACT PRICE..... \$ 15,288,636.65
- Net change by Change Order..... \$ 3,267,876.00
- Current Contract Price (Line 1 + 2)..... \$ 18,556,512.65
- TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates)..... \$ 18,710,420.48
- RETAINAGE:
 - a. X Work Completed..... \$ 374,208.41
 - b. X Stored Material..... \$ 384,208.41
 - c. Total Retainage (Line 5.a + Line 5.b)..... \$ 758,416.82
- AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)..... \$ 18,336,212.07
- LESS PREVIOUS PAYMENTS (Line 6 from prior Applications)..... \$ 17,906,802.76
- AMOUNT DUE THIS APPLICATION..... \$ 429,409.31
- BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above)..... \$ 220,300.58

Payment of: \$ 429,409.31 (Line 8 or other - attach explanation of the other amount)

is recommended by: 7/10/19 (Date)

Payment of: \$ _____ (Line 8 or other - attach explanation of the other amount)

is approved by: _____ (Owner) (Date)

Approved by: _____ Funding or Financing Entity (if applicable) (Date)

Contractor's Certification

This undersigned Contractor certifies, to the best of its knowledge, the following:

(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment.

(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise fitted in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such liens, security interests, or encumbrances), and

(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

B BERGER

1205 Garland Rd.
Wauconda, IL 60084
(847) 526-5457

Customer
MORTON GROVE-NILES WATER C

Ph#

Invoice # 1815.14

Invoice Date 7/10/2019

Job # 1815

MORTON GROVE NILES WATER

Description	Unit Price	Quantity	Unit	Amount
Pay Esy # 14	438,172.78	1.00	LS	438,172.78

Total Invoice 438,172.78
Less Retention 8,763.47
Net Due This Invoice 429,409.31

AIA Document G702™ - 1992

Application and Certificate for Payment

TO OWNER: Morton Grove/Miles Water Commission PROJECT: MGNWC-Contract #1 APPLICATION NO: 14 DISTRIBUTION TO: OWNER ARCHITECT CONTRACTOR FIELD OTHER
 PERIOD TO: 06/10/2019
 FROM CONTRACTOR: Berger Excavating Contractors, Inc. VIA ARCHITECT: Cannon Design 1205 Garland Road Wauconda, IL 60084 CONTRACT FOR: Morton Grove Niles Water Commission
 CONTRACT DATE: CONTRACT NOS: PROJECT NOS:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract, AIA Document G703™, Continuation Sheet, is attached.

1. ORIGINAL CONTRACT SUM \$ 15,288,636.65
2. NET CHANGE BY CHANGE ORDERS \$ 3,267,876.00
3. CONTRACT SUM TO DATE (Line 1 + 2) \$ 18,556,512.65
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$ 18,710,420.48

5. RETAINAGE:

- a. 0.02 % of Completed Work
(Columns D + E on G703) \$ 374,208.41
- b. 0.00 % of Stored Material
(Column F on G703) \$ 0.00

Total Retainage (Lines 5a + 5b, or Total in Column I of G703) \$ 374,208.41

6. TOTAL EARNED LESS RETAINAGE \$ 18,336,212.07
 (Line 4 minus Line 5 Total)

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT \$ 17,906,802.76
 (Line 6 from prior Certificate)

8. CURRENT PAYMENT DUE \$ 429,409.31

9. BALANCE TO FINISH, INCLUDING RETAINAGE
 (Line 3 minus Line 6) \$ 220,300.58

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$ 4,343,904.17	\$ -1,076,028.10	
Total approved this month	\$ 0.00	\$ 0.00	
TOTAL	\$ 4,343,904.17	\$ -1,076,028.10	
NET CHANGES by Change Order	\$ 3,267,876.07		

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The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Berger Excavating Contractors, Inc.

By: *[Signature]*
 State of: IL

County of: Lake

Subscribed and sworn to before me this 30 June

Date: 06/19/2023
 OFFICIAL SEAL
 SHANNON PAYSON
 NOTARY PUBLIC, STATE OF ILLINOIS
 LAKE COUNTY
 day of MY COMMISSION EXPIRES 06/19/2023

Notary Public: Shannon Payson

My commission expires: 06/19/2023

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By:

Date:

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

AIA Document G703™ - 1992

Continuation Sheet

AIA Document G702™-1992, Application and Certificate for Payment, or G732™-2009, Application and Certificate for Payment, Construction Manager as Adviser Edition, containing Contractor's signed certification is attached. In tabulations below, amounts are in US dollars. Use Column-F on Contracts where variable retainage for line items may apply.

APPLICATION NO: 14
 APPLICATION DATE: 06/10/2019
 PERIOD TO: ARCHITECT'S PROJECT NO:

ITEM NO.	DESCRIPTION OF WORK	C SCHEDULED VALUE	E WORK COMPLETED		F MATERIALS PRESENTLY STORED (Not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C-G)	I RETAINAGE (If variable rate)
			D FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD				
10	Base Bid	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	BRICK DRIVEWAY R&R	8,880.00	5,839.16	577.20	0.00	6,416.36	2,463.64	0.00
60	PVMT REMOVAL	346,133.54	328,368.54	4,564.67	0.00	332,933.21	13,200.33	0.00
70	EARTH EXCAVATION (not incl. EXCAVATION BELOW SUBGRA	77,779.30	77,779.30	0.00	0.00	77,779.30	0.00	0.00
80	R&R UNSUITABLE MATERIAL F	75,000.00	71,583.00	0.00	0.00	71,583.00	3,417.00	0.00
90	TRENCH BACKFILL (SPECIAL) GEORID	105,242.50	105,242.50	0.00	0.00	105,242.50	0.00	0.00
100	EXPLOATORY EXCAVATION	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	AGG BASE COURSE, TYPE B 8"	29,250.00	29,250.00	0.00	0.00	29,250.00	0.00	0.00
180	HMA SURFACE REMOVAL 2"	390,379.00	352,049.50	0.00	0.00	352,049.50	38,329.50	0.00
210	BITUMINOUS MATERIALS (TAC	92,159.10	68,784.10	0.00	0.00	68,784.10	23,375.00	0.00
220	POLYMERIZED LEVELING BIND	23,379.25	23,379.25	0.00	0.00	23,379.25	0.00	0.00
230	HMBINDER COURSE, IL-19.0,	135,769.72	95,869.73	0.00	0.00	95,869.73	39,899.99	0.00
240	HMA SURFACE COURSE, MIX "	351,056.58	313,522.58	0.00	0.00	313,522.58	37,534.00	0.00
250	HMA DRIVEWAY R&R	491,122.21	383,419.96	0.00	0.00	383,419.96	107,702.25	0.00
260	HMA SURFACE REMOVAL - BU	48,637.85	48,637.86	0.00	0.00	48,637.86	-0.01	0.00
270	TEMP BITUMINOUS PATCHING	22,984.00	9,024.96	0.00	0.00	9,024.96	13,959.04	0.00
280	CLASS D PATCH	126,924.30	126,924.30	0.00	0.00	126,924.30	0.00	0.00
290	GEOTECHNICAL FABRIC FOR	53,223.00	53,223.00	0.00	0.00	53,223.00	0.00	0.00
300	PORTLAND CEMENT CONC. PV	7,781.56	7,781.57	0.00	0.00	7,781.57	-0.01	0.00
310	PORTLAND CEMENT CONC. D	1,395,434.88	533,032.92	0.00	0.00	533,032.92	862,401.96	0.00
320	PORTLAND CEMENT CONC. D	94,994.90	462,738.00	266,244.19	0.00	728,982.19	-728,982.19	0.00
321	PORTLAND CEMENT CONC. D	0.00	66,419.79	0.00	0.00	28,782.60	66,212.30	0.00
330	COMBINATION CURB AND GUT	688,062.50	185,546.88	11,719.57	0.00	78,139.36	-78,139.36	0.00
331	COMBINATION CURB & GUTTE	0.00	185,546.88	0.00	0.00	185,546.88	0.00	0.00
370	TOPSOIL FURNISH AND PLACE	83,089.00	570,096.71	1,779.56	0.00	571,876.27	502,515.62	0.00
380	SODDING	199,413.60	26,589.00	17,194.50	0.00	43,783.50	39,305.50	0.00
390	SUPPLEMENTAL WATERING	9,000.00	63,813.60	41,266.80	0.00	105,080.40	94,333.20	0.00
520	16" DI WM, 8' TO 11' COVER	3,000.00	2,850.00	0.00	0.00	2,850.00	9,000.00	0.00
530	24" DI WM, 5' TO 8' COVER	26,240.00	0.00	0.00	0.00	0.00	150.00	0.00
540	24" DI WM, 8' TO 11' COVER	72,240.00	0.00	0.00	0.00	0.00	26,240.00	0.00
550	24" DI WM, 11' TO 14' COVER	64,800.00	0.00	0.00	0.00	0.00	72,240.00	0.00
	GRAND TOTAL						64,800.00	0.00

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Continuation Sheet

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APPLICATION NO: 14
 APPLICATION DATE: 06/10/2019
 PERIOD TO: ARCHITECT'S PROJECT NO:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (Not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C - G)	I RETAINAGE (If variable rate)
			FROM PREVIOUS APPLICATION (D + E)	% (G ÷ C)					
670	30" DI WM, 5' 16" COVER	2,780,700.00	2,239,659.50	0.00	0.00	0.00	2,239,659.50	80.54	0.00
680	30" DI WM, 8' TO 11' COVER	1,913,783.00	2,574,065.00	0.00	0.00	0.00	2,574,065.00	134.50	0.00
690	30" DI WM, 11' TO 14' COVER	1,282,260.00	1,765,344.00	0.00	0.00	0.00	1,765,344.00	137.67	0.00
700	30" DI WM, 14' AND GREATER	369,375.00	350,000.00	0.00	0.00	0.00	350,000.00	94.75	0.00
710	24" DI WM w/ 36" STEEL CASIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
740	30" DI WM w/ 48" STEEL CASIN	1,046,250.00	1,046,250.00	0.00	0.00	0.00	1,046,250.00	100.00	0.00
750	24" DI WM w/ 36" STI CASING P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
760	30" DI WM w/ 48" STL CASING	17,200.00	17,200.00	0.00	0.00	0.00	17,200.00	100.00	0.00
790	30" DI WM w/ 48" STEEL CASIN	17,600.00	17,600.00	0.00	0.00	0.00	17,600.00	100.00	0.00
860	24" 11.25 DEGREE BEND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
870	24" 22.5 DEGREE BEND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
890	24" 90 DEGREE BEND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
900	30" 11.25 DEGREE BEND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
910	30" 22.5 DEGREE BEND	153,000.00	127,500.00	0.00	0.00	0.00	127,500.00	83.33	0.00
920	30" 45 DEGREE BEND	256,200.00	256,200.00	0.00	0.00	0.00	256,200.00	100.00	0.00
930	30" 90 DEGREE BEND	355,100.00	355,100.00	0.00	0.00	0.00	355,100.00	100.00	0.00
940	30" x 16" DI TEE	51,900.00	51,900.00	0.00	0.00	0.00	51,900.00	100.00	0.00
950	30" x 6" DI TEE	10,300.00	10,300.00	0.00	0.00	0.00	10,300.00	100.00	0.00
970	30" x 24" REDUCER	133,000.00	133,000.00	0.00	0.00	0.00	133,000.00	100.00	0.00
1010	24" x 6" DI TEE	5,100.00	15,300.00	0.00	0.00	0.00	15,300.00	300.00	0.00
1020	24" x 24" DI TEE	7,900.00	7,900.00	0.00	0.00	0.00	7,900.00	100.00	0.00
1050	24" RESTRAINED JOINT	12,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1060	30" RESTRAINED JOINT	41,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1070	HYDRANT WITH AUX VALVE	440,000.00	421,300.00	0.00	0.00	0.00	421,300.00	95.75	0.00
1080	16" BUTTERFLY VALVE AND V	135,000.00	135,000.00	0.00	0.00	0.00	135,000.00	100.00	0.00
1090		16,000.00	16,000.00	0.00	0.00	0.00	16,000.00	100.00	0.00
1100	24" BUTTERFLY VV W/ VALVE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1110	30" BUTTERFLY VV W/ VALVE	63,600.00	63,600.00	0.00	0.00	0.00	63,600.00	100.00	0.00
1120	AIR RELEASE VALVE IN VAULT	184,500.00	184,500.00	0.00	0.00	0.00	184,500.00	100.00	0.00
1130	3-IN HDPE CONDUIT FOR FUT	384,000.00	384,000.00	0.00	0.00	0.00	384,000.00	100.00	0.00
1150	MHS FOR FUTURE FIBER OPTI	93,012.97	92,270.48	148.50	0.00	0.00	92,418.98	99.36	0.00
1180	INSTALL LINE STOP FOR WM C	38,400.00	33,600.00	0.00	0.00	0.00	33,600.00	87.50	0.00
1210	R&R SWR 6"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1220	R&R SWR 8"	11,520.00	11,520.00	0.00	0.00	0.00	11,520.00	100.00	0.00
	GRAND TOTAL	132,600.00	129,506.00	0.00	0.00	0.00	129,506.00	97.66	0.00

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AIA Document G703™ - 1992

Continuation Sheet

AIA Document G702™-1992, Application and Certificate for Payment, or G732™-2009, Application and Certificate for Payment, Construction Manager as Adviser Edition, containing Contractor's signed certification is attached.
 In tabulations below, amounts are in US dollars.
 Use Column F on Contracts where variable retainage for line items may apply.

APPLICATION NO: 14
 APPLICATION DATE: 06/10/2019
 PERIOD TO: 06/10/2019
 ARCHITECT'S PROJECT NO:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS STORED (Not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C-G)	I RETAINAGE (If variable rate)
			FROM PREVIOUS APPLICATION (D + E)						
230	R&R SWR 10"	17,750.00	17,750.00		0.00	0.00	17,750.00	0.00	0.00
240	R&R SWR 12"	32,028.00	32,028.00		0.00	0.00	32,028.00	0.00	0.00
250	R&R SWR 15"	15,750.00	15,750.00		0.00	0.00	15,750.00	0.00	0.00
260	R&R SWR 18"	20,937.50	20,937.50		0.00	0.00	20,937.50	0.00	0.00
270	R&R SWR 21"	0.00	0.00		0.00	0.00	0.00	0.00	0.00
280	R&R SWR 24"	148,200.00	148,200.00		0.00	0.00	148,200.00	0.00	0.00
330	CONNECTION TO EXISTING ST	34,650.00	27,225.00		0.00	0.00	27,225.00	7,425.00	0.00
340	R&R CATCH BASIN	92,800.00	92,800.00		0.00	0.00	92,800.00	0.00	0.00
350	R&R MH	25,600.00	25,600.00		0.00	0.00	25,600.00	0.00	0.00
360	R&R INLET	88,500.00	88,500.00		0.00	0.00	88,500.00	0.00	0.00
370	R&R 6" DI W/M	13,000.00	13,000.00		0.00	0.00	13,000.00	0.00	0.00
380	R&R 8" DI W/M	0.00	0.00		0.00	0.00	0.00	0.00	0.00
590	CONNECTION TO EVANSTON	9,550.00	9,550.00		0.00	0.00	9,550.00	0.00	0.00
610	R&R SAN SWR LATERAL	93,075.00	93,075.00		0.00	0.00	93,075.00	0.00	0.00
620	WATER SERVICE REPLACEME	2,750.00	2,750.00		0.00	0.00	2,750.00	0.00	0.00
640	WATER SERVICE REPLACEME	169,100.00	169,100.00		0.00	0.00	169,100.00	0.00	0.00
650	WATER SERVICE REPLACEME	145,000.00	145,000.00		0.00	0.00	145,000.00	0.00	0.00
660	R&R PVMNT STORMWATER C	16,380.00	16,380.00		0.00	0.00	16,380.00	0.00	0.00
700	FRAMES AND LIDS TO BE ADJ	40,950.00	40,950.00		0.00	0.00	40,950.00	0.00	0.00
710	R&R LID (SPECIAL)	1,850.00	1,850.00		0.00	0.00	1,850.00	0.00	0.00
720	PILING STEEL SHEET, FURNIS	83,700.00	83,700.00		0.00	0.00	83,700.00	0.00	0.00
730	TREE REMOVAL (6 TO 15 UNI	4,264.00	4,264.00		0.00	0.00	4,264.00	0.00	0.00
740	TREE REMOVAL (OVER 15 UNI	20,300.00	20,300.00		0.00	0.00	20,300.00	0.00	0.00
750	TREE REMOVAL (AREA)	2,000.00	2,000.00		0.00	0.00	2,000.00	0.00	0.00
770	TREE REPLACEMENT (SPECIA	35,000.00	35,000.00		0.00	0.00	35,000.00	0.00	0.00
780	TREE TRANSPLANTING	3,000.00	3,000.00		0.00	0.00	3,000.00	0.00	0.00
790	TEMP EROSION CONTROL BLA	19,131.00	19,131.00		0.00	0.00	19,131.00	0.00	0.00
800	TEMP EROSION CONTROL SE	820.00	820.00		0.00	0.00	820.00	0.00	0.00
820	PERIMETER EROSION BAR&R	3,321.00	3,321.00		0.00	0.00	3,321.00	0.00	0.00
830	INLET FILTERS	25,410.00	25,410.00		0.00	0.00	25,410.00	0.00	0.00
840	TREE TRUNK PROTECTION	2,975.00	2,975.00		0.00	0.00	2,975.00	0.00	0.00
850	TREE ROOT PRUNING	15,420.00	15,420.00		0.00	0.00	15,420.00	0.00	0.00
860	SIDEWALK REMOVAL	36,408.33	30,888.34		687.19	0.00	31,585.53	4,822.80	0.00
870	PORTLAND CEMENT CONC. SI	130,248.52	15,863.13		0.00	0.00	15,863.13	114,385.39	0.00
	GRAND TOTAL								

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AIA Document G703™ - 1992

Continuation Sheet

AIA Document G702™ - 1992, Application and Certificate for Payment, or G732™ - 2009, Application and Certificate for Payment, Construction Manager as Adviser Edition, containing Contractor's signed certification is attached.
 In tabulations below, amounts are in US dollars.
 Use Column J on Contracts where variable retainage for line items may apply.

APPLICATION NO: 14

APPLICATION DATE:

PERIOD TO: 06/10/2019

ARCHITECT'S PROJECT NO:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (Not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C-G)	I RETAINAGE (if variable rate)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
1871	PORTLAND CEMENT CONC. SI	0.00	130,209.66	2,973.96	0.00	0.00	133,183.62	-133,183.62	0.00
1890	TEMP PVMNT MARKING TAPE	12,529.25	12,529.25	0.00	0.00	0.00	12,529.25	0.00	0.00
1910	THERMOPLASTIC PVMNT MAR	4,284.00	0.00	0.00	0.00	0.00	0.00	4,284.00	0.00
1920	THERMOPLASTIC PVMNT MAR	6,993.00	0.00	0.00	0.00	0.00	0.00	6,993.00	0.00
1930	THERMOPLASTIC PVMNT MAR	4,537.10	0.00	0.00	0.00	0.00	0.00	4,537.10	0.00
1960	POLYUREA PVMNT MARKING -	3,780.00	0.00	0.00	0.00	0.00	0.00	3,780.00	0.00
1980	RAISED REFLECTIVE PVMNT M	2,467.50	0.00	0.00	0.00	0.00	0.00	2,467.50	0.00
1990	REPLACEMENT REFLECTOR	587.50	0.00	0.00	0.00	0.00	0.00	587.50	0.00
2000	PVMNT MARKING REMOVAL	2,880.00	1,884.00	996.00	0.00	0.00	2,880.00	0.00	0.00
2010	RAISED REFLECTIVE PVMNT M	990.00	0.00	0.00	0.00	0.00	0.00	990.00	0.00
2020	UNDERGROUND CONDUIT, GA	2,400.00	0.00	0.00	0.00	0.00	0.00	2,400.00	0.00
2030	DETECTOR LOOP, TYPE 1	20,670.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2050	HANDHOLE	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2070	MAINTENANCE OF EXISTING T	17,000.00	6,400.00	0.00	0.00	0.00	6,400.00	0.00	0.00
2080	INTERCEPT EXISTING CONDU	5,200.00	17,000.00	0.00	0.00	0.00	17,000.00	0.00	0.00
2100	REMOVE AND REINSTALL TRA	3,500.00	5,200.00	0.00	0.00	0.00	5,200.00	0.00	0.00
2110	TCP (SPECIAL)	508,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2120	CHANGEABLE MESSAGE SIGN	9,988.00	457,920.00	0.00	0.00	0.00	457,920.00	3,500.00	0.00
2130	DETECTABLE WARNINGS	25,800.00	9,988.00	0.00	0.00	0.00	9,988.00	50,880.00	0.00
2131	DETECTABLE WARNINGS - ACI	0.00	5,100.00	0.00	0.00	0.00	5,100.00	0.00	0.00
2160	TEMP FENCE	6,190.00	15,980.00	1,120.00	0.00	0.00	17,080.00	20,700.00	0.00
2170	REMOVE AND RE-INSTALL SIG	7,900.00	6,190.00	0.00	0.00	0.00	6,190.00	-17,080.00	0.00
2200	LIGHT POLE REMOVAL AND R	21,000.00	6,300.00	0.00	0.00	0.00	6,300.00	0.00	0.00
2230	LANDSCAPING REPLACEMENT	15,000.00	21,000.00	0.00	0.00	0.00	21,000.00	1,600.00	0.00
2240	LANDSCAPING REPLACEMENT	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2270	1" HDPE HDD SAN FORCE MAJ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2280	6" FUSIBLE PVC HDD GAS SER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2285	Power pole to be relocated	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2290	IRRIGATION SYSTEM REPAIR	25,000.00	4,188.50	2,100.01	0.00	0.00	6,288.51	18,711.49	0.00
2300	OWNER DIRECTED	1,475.00	1,475.00	0.00	0.00	0.00	1,475.00	0.00	0.00
2310	AUP - PROCUREMENT OF 30"	66,750.00	66,750.00	0.00	0.00	0.00	66,750.00	0.00	0.00
2320	PERMIT FEES	47,300.00	55,950.00	1,800.00	0.00	0.00	57,750.00	-10,450.00	0.00
2330	AUP - ACCELERATION	354,354.20	354,354.20	0.00	0.00	0.00	354,354.20	0.00	0.00
2340	AUP - AID NUTS & BOLTS	0.00	102,160.50	0.00	0.00	0.00	102,160.50	-102,160.50	0.00
GRAND TOTAL									

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AIA[®] Document G703[™] - 1992

Continuation Sheet

AIA Document G702[™]-1992, Application and Certificate for Payment, or G732[™]-2009, Application and Certificate for Payment, Construction Manager as Adviser Edition, containing Contractor's signed certification is attached.
In tabulations below, amounts are in US dollars.

Use Column J on Contracts where variable retainage for line items may apply.

APPLICATION NO: 14
APPLICATION DATE: 06/10/2019
ARCHITECT'S PROJECT NO:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (Not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C-G)	I RETAINAGE (if variable rate)
			FROM PREVIOUS APPLICATION (D + E)						
2350	AUP - TEMP INFO SIGNING	714.24	1,160.64		0.00	0.00	1,160.64	-446.40	0.00
2360	AUP - TEMP EPOXY LINE 4"	1.38	6,022.32		0.00	0.00	6,022.32	-6,020.94	0.00
2370	AUP - TEMP EPOXY 24"	8.97	686.21		0.00	0.00	686.21	-677.24	0.00
3000	Base Bid Total	0.00	0.00		0.00	0.00	0.00	0.00	0.00
3100	Alt Pricing	0.00	0.00		0.00	0.00	0.00	0.00	0.00
3110	Delayed Valve 30" Install	0.00	40,500.00		0.00	0.00	40,500.00	-40,500.00	0.00
3120	Delayed Valve 24" Install	0.00	0.00		0.00	0.00	0.00	0.00	0.00
3130	Delayed Valve 16" Install	0.00	0.00		0.00	0.00	0.00	0.00	0.00
3140	Non Spl Waste Disposal	0.00	0.00		0.00	0.00	0.00	0.00	0.00
9997	REPLACE EX. SKOKIE WATER RIDGEWAY WATER MAIN REPL	87,678.59	87,678.59		0.00	0.00	87,678.59	0.00	0.00
10000	FOSTERMONTICELLO R&R 6"	18,581.10	18,581.10		0.00	0.00	18,581.10	0.00	0.00
10020	LYONS-KOLMAR R&R 6" WATE	11,993.79	11,993.79		0.00	0.00	11,993.79	0.00	0.00
10030	EMERSONCRAWFORD ABAND	5,566.05	5,566.05		0.00	0.00	5,566.05	0.00	0.00
10040	NILES CENTER RD. GAS MAIN	141,299.49	141,299.49		0.00	0.00	141,299.49	0.00	0.00
10050	WATER & SEWER DISCONNEC	36,392.96	38,183.48		0.00	0.00	38,183.48	0.00	0.00
10060	GAS MAIN REMOVAL - CENTRA	127,829.06	266,680.72		0.00	0.00	266,680.72	-1,790.52	0.00
10070	TEMP HMA SIDEWALK	0.00	80,706.04		0.00	0.00	80,706.04	-80,706.04	0.00
10071	PREP FOR WINTER SHUTDOWN	0.00	16,180.00		0.00	0.00	16,180.00	-16,180.00	0.00
10072	RE-CUT BUTT JOINTS	381,727.82	382,074.18	3,000.00	0.00	0.00	385,074.18	0.00	0.00
10073	CHIP AROUND EXISTING CON	33,575.49	33,575.49		0.00	0.00	33,575.49	0.00	0.00
10074	EXISTING MH RECONSTRUCTI	11,132.91	11,132.91		0.00	0.00	11,132.91	0.00	0.00
10076	EXTRA WATER MAIN ITEMS	27,683.41	27,683.41		0.00	0.00	27,683.41	0.00	0.00
10077	ACCEL PMVT REST	23,511.95	23,511.95		0.00	0.00	23,511.95	0.00	0.00
10078	UTILITY DOWNTIME	0.00	13,054.16		0.00	0.00	13,054.16	-13,054.16	0.00
10079	TEMP HMA RAMPS	7,776.71	15,650.10		0.00	0.00	15,650.10	-7,873.39	0.00
10080	AUP - 30 X 30 TEE	2,267.09	27,328.22		0.00	0.00	27,328.22	-25,059.13	0.00
10090	AUP - FLUSHING VAULT	29,000.00	58,000.00		0.00	0.00	58,000.00	-29,000.00	0.00
10100	AUP - ARROW REMOVALIZATIO	37,900.00	37,900.00		0.00	0.00	37,900.00	0.00	0.00
10200	INEFFICIENCIES	17,328.94	17,328.94		0.00	0.00	17,328.94	0.00	0.00
10300	CO # 35 - Install temp air release	0.00	23,776.01		0.00	0.00	23,776.01	-23,776.01	0.00
10400	CO # 36 - Remove concrete MW	4,371.88	4,371.88		0.00	0.00	4,371.88	0.00	0.00
10500	CO # 37 - Lost efficiency	7,231.27	7,231.27		0.00	0.00	7,231.27	0.00	0.00
10600	CO # 38 - COMED POLE BRACI	5,517.89	5,517.89		0.00	0.00	5,517.89	0.00	0.00
	GRAND TOTAL	0.00	0.00	941.28	0.00	0.00	941.28	-941.28	0.00

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AIA Document G703™ - 1992

Continuation Sheet

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 In tabulations below, amounts are in US dollars.
 Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 14

APPLICATION DATE: 06/10/2019

PERIOD TO: 06/10/2019

ARCHITECT'S PROJECT NO:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (Not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C - G)	I RETAINAGE (If variable rate)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
10700	CO # 39 - MWRD STR EMERSON	0.00	0.00	0.00	40,637.05	0.00	40,637.05	-40,637.05	0.00
10800	CO # 41 - LYONS ST. DEWINTE	0.00	0.00	0.00	32,107.38	0.00	32,107.38	-32,107.38	0.00
10500	CO # 40 - POTHOLE FILL NCR &	0.00	0.00	0.00	3,314.92	0.00	3,314.92	-3,314.92	0.00
100076		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL		18,556,512.65	18,272,247.71	438,172.78	0.00	18,710,420.49	-153,907.84	0.00	

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----- This Pay Estimate Period has not been finalized -----

Pay Estimate Summary Report

Berger Excavating Contractors, Inc.

Invoice #
 Invoice Date: 06/25/2019
 Dates Submitted: 06/01/2019 - 06/21/2019
 Contract # Contract #1
 MGNWC Contract #1
 Job: 1815

Owner
 Morton Grove/Niles Water Commission

Contractor
 Berger Excavating Contractors, Inc
 1205 Garland Road
 Wauconda, IL 60084

Pay Item	Description	Contract Quantities	Unit	Unit Price	Contract Amount	Previous Quantities	Current Quantities	Quantities to Date	Current Amount	Amount to Date
*10500	CO # 37 - Lost efficiency	5,517.89	DOLL	1.00	5,517.89	5,517.8900	0.0000	5,517.8900	0.00	5,517.89
10600	CO # 38 - COMED POLE BRACING-SUFFIELD	0.00	EA	941.28	0.00	0.0000	1.0000	1.0000	941.28	941.28
10700	CO # 39 - MW/RD STR EMERSON	0.00	DOLL	1.00	0.00	0.0000	40,637.0500	40,637.0500	40,637.05	40,637.05
10800	CO # 41 - LYONS ST. DEWINTERIZATION	0.00	DOLL	1.00	0.00	0.0000	32,107.3800	32,107.3800	32,107.38	32,107.38
10900	CO # 40 - POT-HOLE FILL NCR & SUFFIELD	0.00	DOLL	1.00	0.00	0.0000	3,314.9200	3,314.9200	3,314.92	3,314.92
100076		0.00		0.00	0.00	0.0000	0.0000	0.0000	0.00	0.00

Totals: 18,556,512.65

438,172.78 18,710,420.48

Approved By: _____
 Owner
 Approved By: Steve Conroy 7/1/19
 Contractor
 Approved By: _____

Original Contract Amount	15,288,636.65
Change Order Amount	3,267,876.00
Total Contract (\$)	18,556,512.65
Work Completed to Date	18,710,420.48
Stored Material	0.00
Total Complete/Stored/Pending (\$)	18,710,420.48
Less Retainage	374,208.41
Total [Less Retainage] (\$)	18,336,212.07
Adjustments	0.00
Less Previously Requested	17,906,802.76
Amount Due This Request (\$)	429,409.31



----- This Pay Estimate Period has not been finalized -----

Pay Estimate Summary Report

Berger Excavating Contractors, Inc.

Invoice #
 Invoice Date: 06/25/2019
 Dates Submitted: 06/01/2019 - 06/21/2019
 Contract # Contract #1
 MGNWC Contract #1
 Job: 1815

Owner
 Morton Grove/Niles Water Commission

Contractor
 Berger Excavating Contractors, Inc
 1205 Garland Road
 Wauconda, IL 60084

Pay Item	Description	Contract Quantities	Unit	Unit Price	Contract Amount	Previous Quantities	Current Quantities	Quantities to Date	Current Amount	Amount to Date
5	Base Bid	0.00		0.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
10	BRICK DRIVEWAY R&R	160.00	SY	55.50	8,880.00	0.0000	10.4000	115.6100	577.20	6,416.36
*50	PVMNT REMOVAL	37,019.63	SY	9.35	346,133.54	35,119.6300	488.2000	35,607.8300	4,564.67	332,933.21
*60	EARTH EXCAVATION (not incl. Pipe Trench)	1,874.20	CY	41.50	77,779.30	1,874.2000	0.0000	1,874.2000	0.00	77,779.30
70	EXCAVATION BELOW SUBGRADE	750.00	CY	100.00	75,000.00	715.8300	0.0000	715.8300	0.00	71,583.00
*80	R&R UNSUITABLE MATERIAL FOR UTILITY TRENCHES	0.00	CY	91.25	0.00	0.0000	0.0000	0.0000	0.00	0.00
*90	TRENCH BACKFILL (SPECIAL)	1,182.50	CY	89.00	105,242.50	1,182.5000	0.0000	1,182.5000	0.00	105,242.50
*100	GEOGRID	0.00	SY	6.75	0.00	0.0000	0.0000	0.0000	0.00	0.00
*110	EXPLORATORY EXCAVATION	50.00	EA	585.00	29,250.00	50.0000	0.0000	50.0000	0.00	29,250.00
*130	AGG BASE COURSE, TYPE B 8"	33,946.00	SY	11.50	390,379.00	30,613.0000	0.0000	30,613.0000	0.00	352,049.50
*180	HMA SURFACE REMOVAL, 2"	33,512.40	SY	2.75	92,159.10	25,012.4000	0.0000	25,012.4000	0.00	68,784.10
*210	BITUMINOUS MATERIALS (TACK COAT)	27,505.00	LB	0.85	23,379.25	27,505.0000	0.0000	27,505.0000	0.00	23,379.25
*220	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4	1,361.10	TON	99.75	135,769.72	961.1000	0.0000	961.1000	0.00	95,869.73
*230	HMA BINDER COURSE, IL-19.0, N50	3,582.21	TON	98.00	351,056.58	3,199.2100	0.0000	3,199.2100	0.00	313,522.58
*240	HMA SURFACE COURSE, MIX "D", N50	6,504.93	TON	75.50	491,122.21	5,078.4100	0.0000	5,078.4100	0.00	383,419.96
*250	HMA DRIVEWAY R&R	772.52	SY	62.96	48,637.85	772.5200	0.0000	772.5200	0.00	48,637.86
260	HMA SURFACE REMOVAL - BUTT JOINT	3,380.00	SY	6.80	22,984.00	1,327.2000	0.0000	1,327.2000	0.00	9,024.96
*270	TEMP BITUMINOUS PATCHING	9,401.80	SY	13.50	126,924.30	9,401.8000	0.0000	9,401.8000	0.00	126,924.30
*280	CLASS D PATCH	1,774.10	SY	30.00	53,223.00	1,774.1000	0.0000	1,774.1000	0.00	53,223.00
*290	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	4,716.10	SY	1.65	7,781.56	4,716.1000	0.0000	4,716.1000	0.00	7,781.57
*300	PORTLAND CEMENT CONC. PVMNT 8"	22,149.76	SY	63.00	1,395,434.88	8,460.8400	0.0000	8,460.8400	0.00	533,032.92
301	PORTLAND CEMENT CONC. PVMNT 8" - ACI	0.00	SY	66.51	0.00	6,957.4200	0.0000	6,957.4200	266,244.19	728,982.19
*320	PORTLAND CEMENT CONC. DRIVEWAY R&R	1,233.70	SY	77.00	94,994.90	373.8000	0.0000	373.8000	0.00	28,782.60
321	PORTLAND CEMENT CONC. DRIVEWAY R&R - ACI	0.00	SY	89.19	0.00	744.7000	0.0000	744.7000	11,719.57	78,139.36
*330	COMBINATION CURB AND GUTTER R&R	22,018.00	FT	31.25	688,062.50	5,937.5000	0.0000	5,937.5000	0.00	185,546.88
331	COMBINATION CURB & GUTTER R&R - ACI	0.00	LF	38.27	0.00	14,896.7000	46.5000	14,943.2000	1,779.56	571,876.26
*370	TOPSOIL FURNISH AND PLACE, 4"	16,617.80	SY	5.00	83,089.00	5,317.8000	3,438.9000	8,756.7000	17,194.50	43,783.50



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Pay Estimate Summary Report

Berger Excavating Contractors, Inc.

Invoice #
 Invoice Date: 06/25/2019
 Dates Submitted: 06/01/2019 - 06/21/2019
 Contract # Contract #1
 MGNWOC Contract #1
 Job: 1815

Owner
 Morton Grove/Niles Water Commission

Contractor
 Berger Excavating Contractors, Inc
 1205 Garland Road
 Wauconda, IL 60084

Pay Item	Description	Contract Quantities	Unit	Unit Price	Contract Amount	Previous Quantities	Current Quantities	Quantities to Date	Current Amount	Amount to Date
*380	SODDING	16,617.80	SY	12.00	199,413.60	5,317.8000	3,438.9000	8,756.7000	41,266.80	105,080.40
390	SUPPLEMENTAL WATERING	180.00	UNIT	50.00	9,000.00	0.0000	0.0000	0.0000	0.00	0.00
520	16" DI WM, 8' TO 11' COVER	10.00	FT	300.00	3,000.00	9.5000	0.0000	9.5000	0.00	2,850.00
630	24" DI WM, 5' TO 8' COVER	160.00	FT	164.00	26,240.00	0.0000	0.0000	0.0000	0.00	0.00
640	24" DI WM, 8' TO 11' COVER	420.00	FT	172.00	72,240.00	0.0000	0.0000	0.0000	0.00	0.00
650	24" DI WM, 11' TO 14' COVER	240.00	FT	270.00	64,800.00	0.0000	0.0000	0.0000	0.00	0.00
670	30" DI WM, 5' TO 8' COVER	9,300.00	FT	299.00	2,780,700.00	7,490.5000	0.0000	7,490.5000	0.00	2,239,659.50
*680	30" DI WM, 8' TO 11' COVER	4,808.50	FT	388.00	1,913,783.00	6,467.5000	0.0000	6,467.5000	0.00	2,574,065.00
690	30" DI WM, 11' TO 14' COVER	2,580.00	FT	497.00	1,282,260.00	3,552.0000	0.0000	3,552.0000	0.00	1,765,344.00
*700	30" DI WM, 14' AND GREATER COVER	591.00	FT	625.00	369,375.00	560.0000	0.0000	560.0000	0.00	350,000.00
*730	24" DI WM w/ 36" STEEL CASING PIPE, BORE AND JACK	0.00	FT	930.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
*740	30" DI WM w/ 48" STEEL CASING PIPE, BORE AND JACK	0.00	FT	1,250.00	1,046,250.00	837.0000	0.0000	837.0000	0.00	1,046,250.00
*760	24" DI WM w/ 36" STL CASING PIPE, OPEN TREN 11-14	0.00	FT	722.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
*780	30" DI WM w/ 48" STL CASING PIPE, OPEN TREN 8-11	20.00	FT	860.00	17,200.00	20.0000	0.0000	20.0000	0.00	17,200.00
*790	30" DI WM w/ 48" STEEL CASING PIPE, OPEN T 11-14	20.00	FT	880.00	17,600.00	20.0000	0.0000	20.0000	0.00	17,600.00
*860	24" 11.25 DEGREE BEND	0.00	EA	2,650.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
*870	24" 22.5 DEGREE BEND	0.00	EA	2,800.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
*890	24" 90 DEGREE BEND	0.00	EA	3,700.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
*900	30" 11.25 DEGREE BEND	30.00	EA	5,100.00	153,000.00	25.0000	0.0000	25.0000	0.00	127,500.00
*910	30" 22.5 DEGREE BEND	42.00	EA	6,100.00	256,200.00	42.0000	0.0000	42.0000	0.00	256,200.00
*920	30" 45 DEGREE BEND	53.00	EA	6,700.00	355,100.00	53.0000	0.0000	53.0000	0.00	355,100.00
*930	30" 90 DEGREE BEND	6.00	EA	8,650.00	51,900.00	6.0000	0.0000	6.0000	0.00	51,900.00
950	30" x 16" DI TEE	1.00	EA	10,300.00	10,300.00	1.0000	0.0000	1.0000	0.00	10,300.00
960	30" x 6" DI TEE	19.00	EA	7,000.00	133,000.00	19.0000	0.0000	19.0000	0.00	133,000.00
970	30" x 24" REDUCER	1.00	EA	5,100.00	5,100.00	3.0000	0.0000	3.0000	0.00	15,300.00
1010	24" x 6" DI TEE	2.00	EA	3,950.00	7,900.00	0.0000	0.0000	0.0000	0.00	0.00
1020	24" x 24" DI TEE	2.00	EA	6,000.00	12,000.00	0.0000	0.0000	0.0000	0.00	0.00
1050	24" RESTRAINED JOINT	50.00	EA	830.00	41,500.00	0.0000	0.0000	0.0000	0.00	0.00



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Contract # Contract #1

MGNWC Contract #1

Job: 1815

Owner

Morton Grove/Niles Water Commission

Contractor

Berger Excavating Contractors, Inc
1205 Garland Road
Wauconda, IL 60084

Pay Item	Description	Contract Quantities	Unit	Unit Price	Contract Amount	Previous Quantities	Current Quantities	Quantities to Date	Current Amount	Amount to Date
1060	30" RESTRAINED JOINT	400.00	EA	1,100.00	440,000.00	383.0000	0.0000	383.0000	0.00	421,300.00
*1070	HYDRANT WITH AUX VALVE	18.00	EA	7,500.00	135,000.00	18.0000	0.0000	18.0000	0.00	135,000.00
1080	16" BUTTERFLY VALVE AND VAULT	1.00	EA	16,000.00	16,000.00	1.0000	0.0000	1.0000	0.00	16,000.00
1090		0.00	EA	37,900.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
1100	24" BUTTERFLY W/ VALVE OPERATOR IN W/ PREPARED	0.00	EA	15,900.00	63,600.00	0.0000	0.0000	0.0000	0.00	0.00
*1110	30" BUTTERFLY W/ VALVE OPERATOR IN W/ PREPARED	9.00	EA	20,500.00	184,500.00	9.0000	0.0000	9.0000	0.00	184,500.00
*1120	AIR RELEASE VALVE IN VAULT	24.00	EA	16,000.00	384,000.00	24.0000	0.0000	24.0000	0.00	384,000.00
*1130	3-IN HDPE CONDUIT FOR FUTURE FIBER OPTIC (OPEN TRENCH)	18,790.50	FT	4.95	93,012.97	18,640.5000	30.0000	18,670.5000	148.50	92,418.98
1150	MHS FOR FUTURE FIBER OPTIC	8.00	EA	4,800.00	38,400.00	7.0000	0.0000	7.0000	0.00	33,600.00
*1180	INSTALL LINE STOP FOR WM CONNECTION	0.00	EA	6,500.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
1210	R&R SWR 6"	180.00	FT	64.00	11,520.00	180.0000	0.0000	180.0000	0.00	11,520.00
1220	R&R SWR 8"	2,040.00	FT	65.00	132,600.00	1,992.4000	0.0000	1,992.4000	0.00	129,506.00
*1230	R&R SWR 10"	177.50	FT	100.00	17,750.00	177.5000	0.0000	177.5000	0.00	17,750.00
*1240	R&R SWR 12"	376.80	FT	85.00	32,028.00	376.8000	0.0000	376.8000	0.00	32,028.00
*1250	R&R SWR 15"	175.00	FT	90.00	15,750.00	175.0000	0.0000	175.0000	0.00	15,750.00
*1260	R&R SWR 18"	167.50	FT	125.00	20,937.50	167.5000	0.0000	167.5000	0.00	20,937.50
*1270	R&R SWR 21"	0.00	FT	230.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
*1280	R&R SWR 24"	570.00	FT	260.00	148,200.00	570.0000	0.0000	570.0000	0.00	148,200.00
*1330	CONNECTION TO EXISTING STRUCTURE	42.00	EA	825.00	34,650.00	33.0000	0.0000	33.0000	0.00	27,225.00
*1340	R&R CATCH BASIN	32.00	EA	2,900.00	92,800.00	32.0000	0.0000	32.0000	0.00	92,800.00
*1350	R&R MH	8.00	EA	3,200.00	25,600.00	8.0000	0.0000	8.0000	0.00	25,600.00
*1360	R&R INLET	59.00	EA	1,500.00	88,500.00	59.0000	0.0000	59.0000	0.00	88,500.00
*1370	R&R 6" DI WM	50.00	FT	260.00	13,000.00	50.0000	0.0000	50.0000	0.00	13,000.00
*1380	R&R 8" DI WM	0.00	FT	275.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
1590	CONNECTION TO EVANSTON	1.00	EA	9,550.00	9,550.00	1.0000	0.0000	1.0000	0.00	9,550.00
*1610	R&R SAN SWR LATERAL	51.00	EA	1,825.00	93,075.00	51.0000	0.0000	51.0000	0.00	93,075.00
*1620	WATER SERVICE REPLACEMENT - NON-LEAD, RESIDENTIAL	5.00	EA	550.00	2,750.00	5.0000	0.0000	5.0000	0.00	2,750.00
*1640	WATER SERVICE REPLACEMENT (LEAD)	61.00	EA	3,100.00	189,100.00	61.0000	0.0000	61.0000	0.00	189,100.00



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MGNWC Contract #1

Job: 1815

Owner

Morton Grove/Niles Water Commission

Contractor

Berger Excavating Contractors, Inc
1205 Garland Road
Wauconda, IL 60084

Pay Item	Description	Contract Quantities	Unit	Unit Price	Contract Amount	Previous Quantities	Current Quantities	Quantities to Date	Current Amount	Amount to Date
*1650	WATER SERVICE REPLACEMENT (LEAD) - PRIVATE PROPERTY	29.00	EA	5,000.00	145,000.00	27.0000	1.0000	28.0000	5,000.00	140,000.00
1660	RAR PVMNT STORMWATER CONTROL DEVICES (PSCD)	21.00	EA	780.00	16,380.00	0.0000	0.0000	0.0000	0.00	0.00
*1700	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	63.00	EA	650.00	40,950.00	34.0000	0.0000	34.0000	0.00	22,100.00
1710	R&R LID (SPECIAL)	2.00	EA	925.00	1,850.00	1.0000	0.0000	1.0000	0.00	925.00
*1720	PILING STEEL SHEET, FURNISHED AND DRIVEN, PERMANENT	1,860.00	SF	45.00	83,700.00	1,860.0000	0.0000	1,860.0000	0.00	83,700.00
*1730	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	266.50	UNIT	16.00	4,264.00	266.5000	0.0000	266.5000	0.00	4,264.00
*1740	TREE REMOVAL (OVER 15 UNITS DIAMETER)	725.00	UNIT	28.00	20,300.00	605.0000	0.0000	605.0000	0.00	16,940.00
1750	TREE REMOVAL (AREA)	0.10	ACRE	20,000.00	2,000.00	0.1000	0.0000	0.1000	0.00	2,000.00
1770	TREE REPLACEMENT (SPECIAL)	70.00	EA	500.00	35,000.00	30.0000	0.0000	30.0000	0.00	15,000.00
1780	TREE TRANSPLANTING	10.00	UNIT	300.00	3,000.00	8.0000	0.0000	8.0000	0.00	2,400.00
1790	TEMP EROSION CONTROL BLANKET	18,220.00	SY	1.05	19,131.00	15,000.0000	0.0000	15,000.0000	0.00	15,750.00
1800	TEMP EROSION CONTROL SEEDING	410.00	LB	2.00	820.00	0.0000	0.0000	0.0000	0.00	0.00
*1820	PERIMETER EROSION BARRIER	1,107.00	FT	3.00	3,321.00	1,107.0000	0.0000	1,107.0000	0.00	3,321.00
*1830	INLET FILTERS	154.00	EA	165.00	25,410.00	104.0000	0.0000	104.0000	0.00	17,160.00
*1840	TREE TRUNK PROTECTION	17.00	EA	175.00	2,975.00	17.0000	0.0000	17.0000	0.00	2,975.00
*1850	TREE ROOT PRUNING	257.00	EA	60.00	15,420.00	257.0000	0.0000	257.0000	0.00	15,420.00
*1860	SIDEWALK REMOVAL	29,126.67	SF	1.25	36,408.33	24,718.6700	549.7500	25,268.4200	687.19	31,585.53
*1870	PORTLAND CEMENT CONC. SIDEWALK 5 INCH - ACT	20,193.57	SF	6.45	130,248.52	2,459.4000	0.0000	2,459.4000	0.00	15,863.13
1871	PORTLAND CEMENT CONC. SIDEWALK 5 INCH - ACT	0.00	SF	7.51	0.00	17,338.1700	396.0000	17,734.1700	2,973.96	133,183.62
*1890	TEMP PVMNT MARKING TAPE	10,895.00	FT	1.15	12,529.25	10,895.0000	0.0000	10,895.0000	0.00	12,529.25
*1910	THERMOPLASTIC PVMNT MARKING - LINE 4"	3,600.00	FT	1.19	4,284.00	0.0000	0.0000	0.0000	0.00	0.00
1920	THERMOPLASTIC PVMNT MARKING - LINE 6"	3,700.00	FT	1.89	6,993.00	0.0000	0.0000	0.0000	0.00	0.00
1930	THERMOPLASTIC PVMNT MARKING - LINE 24"	590.00	FT	7.99	4,537.10	0.0000	0.0000	0.0000	0.00	0.00
1960	POLYUREA PVMNT MARKING - LINE 6"	420.00	FT	9.00	3,780.00	0.0000	0.0000	0.0000	0.00	0.00
1980	RAISED REFLECTIVE PVMNT MARKER	47.00	EA	52.50	2,467.50	0.0000	0.0000	0.0000	0.00	0.00
1990	REPLACEMENT REFLECTOR	47.00	EA	12.50	587.50	0.0000	0.0000	0.0000	0.00	0.00
2000	PVMNT MARKING REMOVAL, WATER BLASTING	360.00	SF	8.00	2,880.00	235.5000	124.5000	360.0000	996.00	2,880.00
2010	RAISED REFLECTIVE PVMNT MARKER REMOVAL	18.00	EA	55.00	990.00	0.0000	0.0000	0.0000	0.00	0.00



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 Morton Grove/Niles Water Commission

Contractor
 Berger Excavating Contractors, Inc
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 Wauconda, IL 60084

Pay Item	Description	Contract Quantities	Unit	Unit Price	Contract Amount	Previous Quantities	Current Quantities	Quantities to Date	Current Amount	Amount to Date
2020	UNDERGROUND CONDUIT, GALV STEEL, 2"	120.00	FT	20.00	2,400.00	0.0000	0.0000	0.0000	0.00	0.00
*2030	DETECTOR LOOP, TYPE 1	318.00	FT	65.00	20,670.00	318.0000	0.0000	318.0000	0.00	20,670.00
*2050	HANDHOLE	2.00	EA	3,200.00	6,400.00	2.0000	0.0000	2.0000	0.00	6,400.00
2070	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATIO	17,000.00	LS	17,000.00	17,000.00	1.0000	0.0000	1.0000	0.00	17,000.00
*2080	INTERCEPT EXISTING CONDUIT	2.00	EA	2,500.00	5,200.00	2.0000	0.0000	2.0000	0.00	5,200.00
2100	REMOVE AND REINSTALL TRAFFIC SIGNAL CABLE	1.00	FT	3,500.00	3,500.00	0.0000	0.0000	0.0000	0.00	0.00
2110	TCP (SPECIAL)	1.00	LS	508,800.00	508,800.00	0.9000	0.0000	0.9000	0.00	457,920.00
*2120	CHANGEABLE MESSAGE SIGN	227.00	DAY	44.00	9,988.00	227.0000	0.0000	227.0000	0.00	9,988.00
*2130	DETECTABLE WARNINGS	860.00	SF	30.00	25,800.00	170.0000	0.0000	170.0000	0.00	5,100.00
2131	DETECTABLE WARNINGS - ACI	0.00	SF	28.00	0.00	570.0000	40.0000	610.0000	1,120.00	17,080.00
*2160	TEMP FENCE	1,238.00	FT	5.00	6,190.00	1,238.0000	0.0000	1,238.0000	0.00	6,190.00
2170	REMOVE AND RE-INSTALL SIGN PANEL ASSEMBLY	79.00	EA	100.00	7,900.00	63.0000	0.0000	63.0000	0.00	6,300.00
*2200	LIGHT POLE REMOVAL AND REINSTALL	6.00	EA	3,500.00	21,000.00	6.0000	0.0000	6.0000	0.00	21,000.00
2230	LANDSCAPING REPLACEMENT (9300 EXST PRAIRIE RD)	1.00	LS	15,000.00	15,000.00	0.0000	0.0000	0.0000	0.00	0.00
2240	LANDSCAPING REPLACEMENT (4151 EMERSON)	1.00	LS	10,000.00	10,000.00	0.0000	0.0000	0.0000	0.00	0.00
*2270	1" HDPE HDD SAN FORCE MAIN	0.00	LS	7,500.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
*2280	6" FUSIBLE PVC HDD GAS SERVICE SLEEVE	0.00	LS	14,750.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
*2285	Power pole to be relocated	0.00	ALLO	1.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
2290	IR&RIGATION SYSTEM REPAIR	25,000.00	ALLO	1.00	25,000.00	4,188.5000	2,100.0100	6,288.5100	2,100.01	6,288.51
*2300	OWNER DIRECTED	1,475.00	ALLO	1.00	1,475.00	1,475.0000	0.0000	1,475.0000	0.00	1,475.00
*2310	AUP - PROCUREMENT OF 30" BUTTERFLY VALVE	5.00	EA	13,350.00	66,750.00	5.0000	0.0000	5.0000	0.00	66,750.00
*2320	PERMIT FEES	47,300.00	DOLL	1.00	47,300.00	55,950.0000	1,800.0000	57,750.0000	1,800.00	57,750.00
*2330	AUP - ACCELERATION	354,354.20	DOLL	1.00	354,354.20	354,354.2000	0.0000	354,354.2000	0.00	354,354.20
2340	AUP - AID NUTS & BOLTS	0.00	DOLL	1.00	0.00	102,160.5000	0.0000	102,160.5000	0.00	102,160.50
*2350	AUP - TEMP INFO SIGNING	48.00	SY	14.88	714.24	78.0000	0.0000	78.0000	0.00	1,160.64
*2360	AUP - TEMP EPOXY LINE 4"	1.00	LF	1.38	1.38	4,364.0000	0.0000	4,364.0000	0.00	6,022.32
*2370	AUP - TEMP EPOXY 24"	1.00	LF	8.97	8.97	76.5000	0.0000	76.5000	0.00	686.21
3000	Base Bid Total	0.00		0.00	0.00	0.0000	0.0000	0.0000	0.00	0.00



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Pay Estimate Summary Report

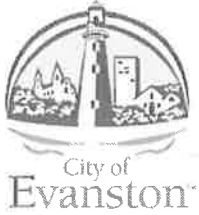
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3100	Alt Pricing	0.00		0.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
3110	Delayed Valve 30" Install	0.00	EA	13,500.00	0.00	0.0000	0.0000	0.0000	0.00	40,500.00
3120	Delade Valve 24" Install	0.00	EA	0.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
3130	Delayed Valve 16" Install	0.00	EA	0.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
3140	Non Spl Waste Disposal	0.00	CY	0.00	0.00	0.0000	0.0000	0.0000	0.00	0.00
*9997	REPLACE EX SKOKIE WATER MAIN	87,678.59	DOLL	1.00	87,678.59	87,678.5900	0.0000	0.0000	0.00	87,678.59
*10000	RIDGEWAY WATER MAIN REPLACEMENT	18,581.10	DOLL	1.00	18,581.10	18,581.1000	0.0000	0.0000	0.00	18,581.10
*10010	FOSTERMONTICELLO R&R 6" WATER MAIN	11,993.79	DOLL	1.00	11,993.79	11,993.7900	0.0000	0.0000	0.00	11,993.79
*10020	LYONS-KOLMAR R&R 6" WATER MAIN	5,566.05	DOLL	1.00	5,566.05	5,566.0500	0.0000	0.0000	0.00	5,566.05
*10030	EMERSON/CRAWFORD ABANDON AIR CASING	141,299.49	DOLL	1.00	141,299.49	141,299.4900	0.0000	0.0000	0.00	141,299.49
*10040	MILES CENTER RD. GAS MAIN REMOVAL	36,392.96	DOLL	1.00	36,392.96	36,183.4800	0.0000	0.0000	0.00	38,183.48
*10050	WATER & SEWER DISCONNECTS & TEE REPLACEMENTS	127,829.06	DOLL	1.00	127,829.06	266,680.7200	0.0000	0.0000	0.00	266,680.72
10060	GAS MAIN REMOVAL - CENTRAL PARK	0.00	DOLL	1.00	0.00	80,706.0400	0.0000	0.0000	0.00	80,706.04
10070	TEMP HMA SIDEWALK	0.00	DOLL	1.00	0.00	16,180.0000	0.0000	0.0000	0.00	16,180.00
*10071	PREP FOR WINTER SHUTDOWN	381,727.82	DOLL	1.00	381,727.82	382,074.1800	3,000.0000	385,074.1800	3,000.00	385,074.18
*10072	RE-CUT BUTT JOINTS	33,575.49	DOLL	1.00	33,575.49	33,575.4900	0.0000	0.0000	0.00	33,575.49
*10073	CHIP AROUND EXISTING CONCRETE	11,132.91	DOLL	1.00	11,132.91	11,132.9100	0.0000	0.0000	0.00	11,132.91
*10074	EXISTING MH RECONSTRUCTION	27,683.41	DOLL	1.00	27,683.41	27,683.4100	0.0000	0.0000	0.00	27,683.41
*10076	EXTRA WATER MAIN ITEMS	23,511.95	DOLL	1.00	23,511.95	23,511.9500	0.0000	0.0000	0.00	23,511.95
10077	ACCEL PVMT REST	0.00	DOLL	1.00	0.00	13,054.1600	0.0000	0.0000	0.00	13,054.16
*10078	UTILITY DOWNTIME	7,776.71	DOLL	1.00	7,776.71	15,650.1000	0.0000	0.0000	0.00	15,650.10
*10079	TEMP HMA RAMPS	2,267.09	DOLL	1.00	2,267.09	27,326.2200	0.0000	0.0000	0.00	27,326.22
*10080	AUP - 30 X 30 TEE	1.00	EA	29,000.00	29,000.00	2,000	0.0000	2,000	0.00	56,000.00
*10090	AUP - FLUSHING VAULT	1.00	EA	37,900.00	37,900.00	1,000	0.0000	1,000	0.00	37,900.00
*10100	AUP - ARROW REMOBILIZATION	1.00	LS	17,328.94	17,328.94	1,000	0.0000	1,000	0.00	17,328.94
10200	INEFFICIENCIES	0.00	DOLL	1.00	0.00	23,776.0100	0.0000	0.0000	0.00	23,776.01
*10300	CO # 35 - Install temp air releases	4,371.88	DOLL	1.00	4,371.88	4,371.8800	0.0000	0.0000	0.00	4,371.88
*10400	CO # 36 - Remove concrete MWRD Structure	7,231.27	DOLL	1.00	7,231.27	7,231.2700	0.0000	0.0000	0.00	7,231.27



Water Production Bureau
555 Lincoln Street
Evanston, Illinois 60201
847.448.8198
847.475.8851

www.cityofevanston.org

MONTHLY WATER BILL

Morton Grove Niles Water Commission
C/O Village of Niles
1000 Civic Center Drive
Niles, Illinois 60714

Date: 7/11/2019
Due Date: 8/11/2019
Account No 510.12165

Current bill for 16 days from 12/10/18 to 12/26/18

SY 2018 Preliminary Quantity Rate	0.78000		
18,452,396 Gallons at	0.78000	per 1000 gallons	\$14,392.87
Flushing & Chlorination Only			

TOTAL DUE \$14,392.87

METER READINGS

	Date	Reading	Gallons Used
24" Meter			
Present	12/26/2018	18,452,734	
Previous	12/10/2018	338	18,452,396

TOTAL GALLONS USED **18,452,396**

PLEASE RETURN ONE COPY WITH REMITTANCE



Contractor's Application for Payment No. _____

Application #1	Application Date	7/1, 2019
Contract #1	Contract Name	West De-Juch Transmission Main
Contract #2	Contract Name	West De-Juch Transmission Main
Contract #3	Contract Name	

Application For Payment
Change Order Summary

1. ORIGINAL CONTRACT PRICE	\$ 314,069,630.00
2. Net change by Change Orders	\$ 1,008,251.00
3. Current Contract Price (Line 1 + 2)	\$ 315,137,881.00
4. TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates)	\$ 214,818,221.52
5. RETAINAGE:	
a. <input checked="" type="checkbox"/> 2% of Work Completed	\$ 370,455.53
b. <input checked="" type="checkbox"/> Stored Material	\$ 370,455.53
c. Total Retainage (Line 5a + Line 5b)	\$ 740,911.06
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)	\$ 214,447,765.79
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Applications)	\$ 214,216,566.74
8. AMOUNT DUE THIS APPLICATION	\$ 231,199.05
9. BALANCE TO FINISH, PLUS RETAINAGE (Column C total on Progress Estimates - Line 5c above)	\$ 690,115.21

Contractor's Certification

The undersigned Contractor certifies, to the best of his knowledge, the following:

(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied in accordance to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment.

(2) Title to all Work, materials, and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all liens, security interests, and encumbrances (except such as are noted by a bond acceptable to Owner indemnifying Owner against any such liens, security interest, or encumbrances), and

(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor's Signature: *[Signature]* Date: 7/1/2019

Approved by: _____ (Owner)

Approved by: _____ (Contractor)

STATE OF ILLINOIS

WAIVER OF LIEN TO DATE

City #

: SS

Essece #

COUNTY OF COOK Cook

TO WHOM IT MAY CONCERN

WHEREAS the undersigned has been employed by

MGNWC

to furnish

site utilities

for the premises known as

MGNWC Contract 2 West 30 Inch Transmission Main

of which

MGNWC

is the owner

The undersigned for and in consideration of

two hundred thirty one thousand one hundred ninety nine dollars and five cents

\$231,199.05

Dollars and other good and valuable consideration the receipt whereof is hereby acknowledged do(es)

hereby waive and release any and all lien or claim of or right to lien under the statutes of the State of Illinois relating to

mechanics liens with respect to and on said above-described premises and the improvements thereon and on the material, fixtures

apparatus or machinery furnished and on the moneys funds or other considerations due or to become due from the owner on account of all labor services material

fixtures apparatus or machinery heretofore furnished or which may be furnished at any time hereafter by the undersigned for the above described

premises INCLUDING EXTRAS

Date: July 1, 2019

Company Name DIMEO Bros., Inc.

Address 720 Richard Lane Elk Grove, IL 80007

Signature and Title John DIMEO (Secretary/Treasurer)

* EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS BOTH ORAL AND WRITTEN TO THE CONTRACT

STATE OF ILLINOIS

CONTRACTOR'S AFFIDAVIT

: SS

COUNTY OF COOK

TO WHOM IT MAY CONCERN

The undersigned, being duly sworn, deposes and says that he is (Name)

John DIMEO

(Position)

Secretary/Treasurer

of the (Company) Name: DIMEO Bros., Inc.

who is the contractor furnishing

site utilities

work being

building located at

MGNWC Contract 2 West 30 Inch Transmission Main

owned by

MGNWC

That the total amount of the contract including extras is

\$15,137,881.00

on which he has received payment of

\$14,216,566.74

prior to this payment. That all waivers are true, correct and genuine and delivered unconditionally and

that there is no claim either legal or equitable to defeat the validity of said waivers. That the below are the names and address of all parties who have

furnished material or labor or both for said work and all parties having contracts or sub-contracts for specific portions of said work or for

material entering into the construction thereof and the amount due or to become due to each and that the items mentioned include all

labor and material required to complete said work according to plans and specifications

NAMES	WHILE FOR	CONTRACT PRICE INCLUDING EXTRAS*	AMOUNT PAID	THIS	BALANCE DUE
DIMEO Bros Inc	Site Utilities	\$8,374,369.87	\$8,374,369.87	\$24,855.50	\$407,017.24
Alliance Contractors Inc	Sub	\$2,102,473.85	\$1,799,835.36	\$194,181.70	\$1,893,364.30
Arrow Road	Sub	\$362,217.00	\$315,494.40	\$0.00	\$16,722.60
Blue-Eye Barrow Inc	Sub	\$561,620.00	\$561,620.00	\$0.00	\$0.00
Concrete Specialties	Material	\$136,923.24	\$136,923.24	\$0.00	\$0.00
Maintenance Coatings Co	Sub	\$6,126.40	\$6,126.40	\$0.00	\$0.00
Mid American Water	Material	\$2,706,369.00	\$2,706,369.00	\$0.00	\$0.00
Midwest Brick Paving	Sub	\$74,337.50	\$74,337.50	\$0.00	\$0.00
Neenah Foundry Co	Material	\$27,275.00	\$27,275.00	\$0.00	\$0.00
Perez Landscaping	Sub	\$159,785.20	\$159,785.20	\$0.00	\$40,215.00
Traffic Control and Protection	Sub	\$73,561.20	\$55,030.48	\$12,131.85	\$6,198.87
All labor has been fully paid in accordance with prevailing wage laws					
TOTAL LABOR AND MATERIAL INCLUDING EXTRAS TO COMPLETE		\$15,137,881.00	\$14,216,566.74	\$231,199.05	\$690,115.21

That there are no other contracts for said work outstanding and that there is nothing due or to become due to any person for material

labor or other work of any kind done or to be done upon or in connection with said work other than as set forth

Date: July 1, 2019

Signature: [Signature]

SUBSCRIBED AND SWORN TO BEFORE ME THIS

DAY OF

July 2019

[Signature]
NOTARY PUBLIC

*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS BOTH ORAL AND WRITTEN TO THE CONTRACT f 1722 R5/96

Provided by Chicago Title Insurance Company

WAIVER OF LIEN TO DATE

05-1039-00

STATE OF ILLINOIS
 COUNTY OF KANE
 TO WHOM IT MAY CONCERN:

Gly # _____
 Loan # _____

WHEREAS the undersigned has been employed by DiMeo Brothers
 to furnish Traffic Control
 for the premises Contract 2 (West)
 of which Morton Grove - Niles Water Commission is the owner

THE undersigned, for and in consideration of Twelve thousand one hundred thirty-one 85/100
 (\$ 12,131.85) Dollars, and other good and valuable consideration, the receipt whereof is hereby acknowledged, does hereby waive and release
 any and all lien or claim of or right to, lien, under the statutes of the State of Illinois, relating to mechanics' liens, with respect to and said above-described
 premises, and the improvements thereon, and on the material, fixtures, apparatus or machinery furnished, and on the moneys, funds or other considerations
 due or to become due from the owner on account of labor services, material, fixtures, apparatus, or machinery furnished to this date by the undersigned
 for the above-described premises INCLUDING EXTRAS *

Given under MY hand SIGN and seal ON
 this 10th day of June 2019

Signature and Seal [Signature] **ROBERT MIKALSEN, SECRETARY**
TRAFFIC CONTROL & PROTECTION

NOTE: All waivers must be for the full amount paid. If waiver is for a corporation, corporate name should be used, corporate seal affixed and title of officer signing waiver should be set forth, if waiver is for a partnership, the partnership name should be used, partner should sign and designate himself as partner.

CONTRACTOR'S AFFIDAVIT

STATE OF ILLINOIS
 COUNTY OF DUPAGE
 TO WHOM IT MAY CONCERN:

THE undersigned, being duly sworn, deposes and says that he is ROBERT MIKALSEN, SECRETARY
 of the TRAFFIC CONTROL & PROTECTION

who is contractor for the Traffic Control
 building located at Contract 2 (West)
 owned by Morton Grove - Niles Water Commission

That the total amount of the contract including extra is \$ 73,661.20 on which he has received payment of
 \$ 55,030.48 prior to this payment. That all waivers are true, correct and genuine and delivered unconditionally and that there is no claim either legal
 or equitable to defeat the validity of said waivers. That the following are the names of all parties who have furnished material or labor, or both, for said work
 and all parties having contracts or subcontracts for specific portions of said work or for material entering into the construction thereof and the amount due
 or to become due to each, and that the items mentioned include all labor and material required to complete said work according to plans and specifications

NAME	WHAT FOR	CONTRACT PRICE	AMOUNT PAID	THIS PAYMENT	BALANCE DUE
TRAFFIC CONTROL & PROTECTION	LABOR & MATERIAL	73,661.20	55,030.48	12,131.85	6,498.87
					-
					-
					-
ALL LABOR PAID IN FULL WEEKLY ALL					-
MAT'L TAKEN FROM FULLY PAID STOCK					-
AND DELIVERED TO JOBSITE ON OUR OWN					-
TRUCK.					-
TOTAL LABOR AND MATERIAL TO COMPLETE		73,661.20	55,030.48	12,131.85	6,498.87

That there are no other contracts for said work outstanding, and that there is nothing due or to become due to any person for material, labor or other work of
 any kind done or to be done upon or in connection with said work other than above stated.

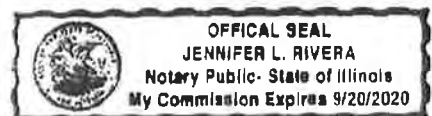
Signed this 10th day of June 2019

Signature [Signature]

Subscribed and sworn to before me this 10th day of June 2019

* EXTRAS INCLUDE BUT NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT

Notary: Jennifer L. Rivera





Contractor's Application for Payment No. 111

Applicator Period:	6/1/2019-6/30/2019	Application Date:	6/30/2019
From (Contractor):	Joseph J. Henderson & Son, Inc.	Via (Engineer):	Stanley Consultants, Inc.
Contract:	Contract 6 MGNWC Intermediate Pump Station	Engineer's Project No.:	
Owner's Contract No.:	00-52-13	Contractor's Project No.:	1353-00

Application For Payment Change Order Summary

Approved Change Orders Number	Additions	Deductions
1	\$3,906.00	
2	\$13,717.20	
3	\$6,347.04	
4	\$27,917.00	
5	\$30,181.88	
TOTALS	\$82,069.12	\$0.00
NET CHANGE BY CHANGE ORDERS	\$82,069.12	

1. ORIGINAL CONTRACT PRICE..... \$ 2,974,000.00
2. Net change by Change Orders..... \$ 82,069.12
3. Current Contract Price (Line 1 + 2)..... \$ 3,056,069.12
4. TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates)..... \$ 2,492,677.54
5. RETAINAGE:
 - a. 10% X \$249,267.75 Work Con
 - b. 10% X \$0.00 Stored Ma
 - c. Total Retainage (Line 5.a + Line 5.b)..... \$ 249,267.75
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)..... \$ 2,243,409.78
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... \$ 1,735,995.04
8. AMOUNT DUE THIS APPLICATION..... \$ 507,414.74
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above)..... \$ 812,659.34

Payment \$ 507,414.74
 is recommended by: *[Signature]* (Engineer) 7/8/19 (Date)
 Payment \$ _____ (Line 8 or other - attach explanation of the other amount)
 is approved by: _____ (Owner) _____ (Date)
 Approved by: _____ Funding or Financing Entity (if applicable) _____ (Date)

Contractor's Certification
 The undersigned Contractor certifies, to the best of its knowledge, the following:
 (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment.
 (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all

Contractor Signature: <i>William Marshall</i>	Date: 6/30/2019
By: William Marshall Director of Operations	

CONTINUATION SHEET
 AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing
 AIA Document G703

Contractor's signed Certificate is attached
 In tabulations below, amounts are stated to the nearest dollar.
 Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 11
 APPLICATION DATE: 6/20/2019
 PERIOD TO: 6/30/2019
 JH PROJECT NO.: 1353-00

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN D O R E)	G TOTAL COMPLETED & STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C - G)	I RETAINAGE 10% of Total Contract
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
	General Conditions	\$154,108.00	\$97,272.97	\$28,417.52	\$0.00	\$0.00	\$125,690.48	\$28,417.52	\$12,569.05
	Bonds and Insurance	\$24,174.00	\$24,174.00	\$0.00	\$0.00	\$0.00	\$24,174.00	\$0.00	\$2,417.40
	Allowance	\$90,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$90,000.00	\$0.00
	Excavation	\$188,527.00	\$146,784.45	\$0.00	\$0.00	\$0.00	\$146,784.45	\$41,742.55	\$14,678.45
	Asphalt Paving	\$18,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,500.00	\$0.00
	Concrete Pavement	\$40,800.00	\$0.00	\$40,800.00	\$0.00	\$0.00	\$40,800.00	\$0.00	\$4,080.00
	Landscaping	\$30,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,000.00	\$0.00
	Concrete	\$73,612.00	\$67,000.00	\$6,612.00	\$0.00	\$0.00	\$73,612.00	\$0.00	\$7,361.20
	Rebar Furnish	\$10,475.00	\$9,896.00	\$0.00	\$0.00	\$0.00	\$9,896.00	\$479.00	\$999.60
	Rebar Install	\$12,000.00	\$11,174.00	\$0.00	\$0.00	\$0.00	\$11,174.00	\$826.00	\$1,117.40
	Masonry								
	Illinois Brick (brick)	\$13,000.00	\$13,000.00	\$0.00	\$0.00	\$0.00	\$13,000.00	\$0.00	\$1,300.00
	Elston Materials (block)	\$18,000.00	\$18,000.00	\$0.00	\$0.00	\$0.00	\$18,000.00	\$0.00	\$1,800.00
	Concrete Companies	\$12,000.00	\$12,000.00	\$0.00	\$0.00	\$0.00	\$12,000.00	\$0.00	\$1,200.00
	Lance Construction Supplies	\$20,000.00	\$20,000.00	\$0.00	\$0.00	\$0.00	\$20,000.00	\$0.00	\$2,000.00
	Joe's Masonry Mobilization	\$10,000.00	\$10,000.00	\$0.00	\$0.00	\$0.00	\$10,000.00	\$0.00	\$1,000.00
	Joe's Masonry Equipment	\$10,000.00	\$10,000.00	\$0.00	\$0.00	\$0.00	\$10,000.00	\$0.00	\$1,000.00
	Joe's Masonry Insurance	\$25,000.00	\$22,000.00	\$0.00	\$0.00	\$0.00	\$22,000.00	\$0.00	\$2,200.00
	Joe's Masonry Labor	\$147,000.00	\$147,000.00	\$0.00	\$0.00	\$0.00	\$147,000.00	\$0.00	\$14,700.00
	Masonry Subtotal	\$252,000.00	\$232,000.00	\$0.00	\$0.00	\$0.00	\$232,000.00	\$0.00	\$23,200.00
	Structural Steel	\$66,000.00	\$66,000.00	\$0.00	\$0.00	\$0.00	\$66,000.00	\$0.00	\$6,600.00
	Trusses, Sheathing, Fascia Labor	\$35,923.00	\$35,923.00	\$0.00	\$0.00	\$0.00	\$35,923.00	\$0.00	\$3,592.30
	Trusses Material	\$22,210.00	\$22,210.00	\$0.00	\$0.00	\$0.00	\$22,210.00	\$0.00	\$2,221.00
	Dampscoping	\$8,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,000.00	\$0.00
							\$0.00		\$0.00

CONTINUATION SHEET

AIA DOCUMENT G703

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing

Contractor's signed Certification is attached

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 11

6/20/2019

6/30/2019

1353-00

PERIOD TO: JH PROJECT NO.:

A ITEM NO	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED & STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C - G)	I RETAINAGE 10% of Total Contract
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
	Roofing Sleep Slope	\$52,500.00	\$52,500.00	\$0.00	\$0.00	\$0.00	\$52,500.00	\$0.00	\$5,250.00
	Roofing Sheet Metal	\$36,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36,500.00	\$0.00
	Caulking	\$5,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,000.00	\$0.00
	Hollow Metal Labor	\$9,880.00	\$3,900.00	\$4,100.00	\$4,100.00	\$0.00	\$8,000.00	\$1,880.00	\$800.00
	Hollow Metal Material	\$48,811.00	\$48,811.00	\$0.00	\$0.00	\$0.00	\$48,811.00	\$0.00	\$4,881.10
	Overhead Doors	\$13,460.00	\$13,400.00	\$0.00	\$0.00	\$0.00	\$13,400.00	\$0.00	\$1,340.00
	Drywall	\$3,225.00	\$0.00	\$2,257.50	\$2,257.50	\$0.00	\$2,257.50	\$967.50	\$225.75
	Epoxy Resinous Flooring	\$25,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25,000.00	\$0.00
	Painting	\$44,000.00	\$30,800.00	\$0.00	\$0.00	\$0.00	\$30,800.00	\$13,200.00	\$3,080.00
	Specialties (Signs Fire Ext. Toilet Accessories)	\$8,415.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,415.00	\$0.00
	Millwright	\$8,000.00	\$0.00	\$9,000.00	\$9,000.00	\$0.00	\$9,000.00	\$0.00	\$900.00
	Equipment	\$238,194.00	\$23,819.40	\$193,862.70	\$193,862.70	\$0.00	\$217,682.10	\$20,511.90	\$21,768.21
	Grinder Station	\$7,000.00	\$7,000.00	\$0.00	\$0.00	\$0.00	\$7,000.00	\$0.00	\$700.00
	Bridge Cranes	\$48,400.00	\$44,010.00	\$0.00	\$0.00	\$0.00	\$44,010.00	\$4,390.00	\$4,401.00
	Mechanical	\$318,465.00	\$120,731.80	\$105,000.00	\$105,000.00	\$0.00	\$225,731.80	\$92,733.20	\$22,373.18
	Plumbing								
	Underground	\$22,770.00	\$22,770.00	\$0.00	\$0.00	\$0.00	\$22,770.00	\$0.00	\$2,277.00
	Rough	\$26,458.00	\$26,458.00	\$0.00	\$0.00	\$0.00	\$26,458.00	\$0.00	\$2,645.80
	Trim	\$12,307.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,307.00	\$0.00
	Plumbing Subtotal	\$61,535.00	\$49,228.00	\$0.00	\$0.00	\$0.00	\$49,228.00	\$12,307.00	\$1,922.80
	HVAC	\$158,500.00	\$66,945.50	\$0.00	\$0.00	\$0.00	\$66,945.50	\$91,554.50	\$6,694.55
	Electrical								
	Temporary Service and Branch Wiring	\$18,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$0.00	\$19,000.00	\$0.00	\$1,900.00
	Above Grade Raceways	\$34,000.00	\$25,000.00	\$9,000.00	\$9,000.00	\$0.00	\$34,000.00	\$0.00	\$3,400.00

CONTINUATION SHEET

AIA DOCUMENT G703

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.

in tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED & STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C - G)	I RETAINAGE 10% of Total Contract
			FROM PREVIOUS APPLICATION (D + E)	WORK COMPLETED THIS PERIOD					
	Below Grade Raceways	\$78,000.00	\$78,000.00	\$0.00	\$0.00	\$0.00	\$78,000.00	\$0.00	\$7,800.00
	Power System Studies	\$7,000.00	\$7,000.00	\$0.00	\$0.00	\$0.00	\$7,000.00	\$0.00	\$700.00
	Low Voltage Switchboard	\$25,000.00	\$22,339.00	\$1,661.00	\$0.00	\$0.00	\$24,000.00	\$1,000.00	\$2,400.00
	Low Voltage Variable Frequency Drives	\$60,000.00	\$53,443.00	\$557.00	\$0.00	\$0.00	\$54,000.00	\$6,000.00	\$5,400.00
	Natural Gas Engine Generator	\$160,000.00	\$150,000.00	\$8,000.00	\$0.00	\$0.00	\$158,000.00	\$2,000.00	\$15,800.00
	Transfer Switches	\$10,000.00	\$9,443.00	\$0.00	\$0.00	\$0.00	\$9,443.00	\$557.00	\$944.30
	Lightening Protection	\$9,000.00	\$0.00	\$9,000.00	\$0.00	\$0.00	\$9,000.00	\$0.00	\$900.00
	Lighting	\$20,000.00	\$16,337.00	\$3,663.00	\$0.00	\$0.00	\$20,000.00	\$0.00	\$2,000.00
	Communications	\$5,000.00	\$0.00	\$3,000.00	\$0.00	\$0.00	\$3,000.00	\$2,000.00	\$300.00
	Security System	\$21,000.00	\$0.00	\$19,000.00	\$0.00	\$0.00	\$19,000.00	\$2,000.00	\$1,900.00
	Video Surveillance System	\$12,000.00	\$0.00	\$11,000.00	\$0.00	\$0.00	\$11,000.00	\$1,000.00	\$1,100.00
	Fire Detection and Alarm System	\$10,000.00	\$5,500.00	\$0.00	\$0.00	\$0.00	\$5,500.00	\$4,500.00	\$900.00
	Common Work Results for Electrical-Submittals	\$11,000.00	\$11,000.00	\$0.00	\$0.00	\$0.00	\$11,000.00	\$0.00	\$1,100.00
	Common Work Results for Electrical-Wire & Cable	\$73,000.00	\$40,000.00	\$32,000.00	\$0.00	\$0.00	\$72,000.00	\$1,000.00	\$7,200.00
	Common Work Results for Electrical-Panelboards, Disc	\$15,000.00	\$15,000.00	\$0.00	\$0.00	\$0.00	\$15,000.00	\$0.00	\$1,500.00
	Common Work Results for Electrical-Boxes, Devices, Other	\$10,000.00	\$5,500.00	\$3,500.00	\$0.00	\$0.00	\$9,000.00	\$1,000.00	\$900.00
	Common Work Results for Electrical-Grounding & Bonding	\$48,000.00	\$39,000.00	\$9,000.00	\$0.00	\$0.00	\$48,000.00	\$0.00	\$4,800.00
	Electrical Subtotal	\$627,000.00	\$486,552.00	\$122,881.00	\$0.00	\$0.00	\$609,443.00	\$17,557.00	\$60,944.30
	Instrumentation	\$87,990.00	\$44,421.03	\$20,464.00	\$0.00	\$0.00	\$64,885.03	\$23,104.97	\$6,488.50
	JUH OHS&P	\$164,856.00	\$104,057.11	\$30,399.45	\$0.00	\$0.00	\$134,456.55	\$30,399.45	\$13,445.66
	OC01 Addition of mechanical seals for pump station	\$3,906.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,906.00	\$0.00
	OC02 Design Mods for pump station, EWOWB & EWOWH10	\$13,717.20	\$13,717.20	\$0.00	\$0.00	\$0.00	\$13,717.20	\$0.00	\$1,371.72
	OC03 Design Mods for pump station, COR's 2,3 & 4	\$6,347.04	\$6,347.04	\$0.00	\$0.00	\$0.00	\$6,347.04	\$0.00	\$634.70
	OC04 Additional work requested by Evanston Park Dist.	\$27,917.00	\$27,917.00	\$0.00	\$0.00	\$0.00	\$27,917.00	\$0.00	\$2,791.70
	OC05 Additional Masonry Work	\$30,181.88	\$30,181.88	\$0.00	\$0.00	\$0.00	\$30,181.88	\$0.00	\$3,018.19
	TOTAL	\$3,056,069.12	\$1,928,883.36	\$563,794.16	\$0.00	\$0.00	\$2,492,677.54	\$563,391.58	\$249,267.75

SWORN STATEMENT FOR CONTRACTOR AND SUBCONTRACTOR TO OWNER
Job No.: 1353-00
Date: 5/30/2019
Draw: 11

STATE OF ILLINOIS
COUNTY OF LAKE

The affiant, William Marshalla being first duly sworn, on oath deposes and says that affiant is Director of Operations of Joseph J. Henderson and Son, Inc. which has a contract with Morton Grove Niles Water Commission (MGNWC), of the project on the following described premises in said County to wit: Contract 6 - MGNWC Intermediate Pump Station That, for the purpose of said contract, the following persons have been contracted with, and have, or are furnishing and preparing materials for, and we have done or are doing labor on said improvement. That there is due and to become due them, respectively, the amounts set opposite their names for materials or labor as stated. That this statement is a full, true and complete statement of all such persons, the amounts due and to become due to each and the amounts due and to become due to each.

1	2	3	4	5	6	7	8	9	10	11	12
NAME AND ADDRESS OF CONTRACTORS	DESCRIPTION OF WORK	ADJUSTED TOTAL CONTRACT INCLUDING EXTRAS/CREDITS	RETENTION INCLUDING THIS APPLICATION	NET PREVIOUSLY PAID	NET AMOUNT OF THIS PAYMENT	BALANCE TO BECOME DUE (Include Retention)	PREVIOUS YEAR TO DATE GROSS	GROSS AMOUNT THIS REQUEST	TOTAL REQUEST TO DATE	AMOUNT LEFT TO BILL	PERCENT BILLED
Joseph J. Henderson & Son, Inc.	General Conditions and J/H Work	\$924,135.15	\$97,825.80	\$341,028.23	\$180,041.55	\$403,855.37	\$397,309.12	\$221,595.46	\$618,895.58	\$305,239.57	67%
Harris Rebar	Rebar Furnish	\$10,475.00	\$0.00	\$9,996.00	\$0.00	\$479.00	\$9,996.00	\$0.00	\$9,996.00	\$479.00	95%
Mayo Steel	Rebar Install	\$11,174.00	\$0.00	\$11,174.00	\$0.00	\$0.00	\$11,174.00	\$0.00	\$11,174.00	\$0.00	100%
Joe's Masonry	Masonry	\$377,148.35	\$37,714.84	\$339,433.51	\$0.00	\$37,714.84	\$377,148.35	\$0.00	\$377,148.35	\$0.00	100%
K. D. Johnson, Inc.	Structural Steel	\$101,064.00	\$10,106.40	\$90,957.60	\$0.00	\$10,106.40	\$101,064.00	\$0.00	\$101,064.00	\$0.00	100%
Cascade Mfg. Co.	Trusses	\$22,210.00	\$0.00	\$22,210.00	\$0.00	\$0.00	\$22,210.00	\$0.00	\$22,210.00	\$0.00	100%
Sterling Commercial Roofing	Roofing	\$89,000.00	\$8,900.00	\$72,144.00	\$0.00	\$16,856.00	\$89,160.00	\$0.00	\$89,160.00	\$8,840.00	90%
LaForce, Inc.	Hollow Metal	\$48,811.00	\$4,881.10	\$43,929.90	\$0.00	\$4,881.10	\$48,811.00	\$0.00	\$48,811.00	\$0.00	100%
American Door and Dock, Inc.	Overhead Doors	\$13,400.00	\$1,340.00	\$12,060.00	\$0.00	\$1,340.00	\$13,400.00	\$0.00	\$13,400.00	\$0.00	100%
C.A.D. Contract Glazing, Inc.	Aluminum Frames/Glass	\$24,700.00	\$0.00	\$0.00	\$0.00	\$24,700.00	\$0.00	\$0.00	\$0.00	\$24,700.00	0%
G P Maintenance Services, Inc	Painting	\$69,000.00	\$4,935.00	\$44,415.00	\$0.00	\$24,585.00	\$49,350.00	\$0.00	\$49,350.00	\$19,650.00	72%
USEMCO, Inc.	Equipment	\$241,889.00	\$0.00	\$23,819.40	\$193,862.70	\$24,186.90	\$23,819.40	\$193,862.70	\$217,682.10	\$24,186.90	90%
Waite Equipment Co., LLC	Bridge Crains	\$48,400.00	\$4,401.00	\$39,609.00	\$0.00	\$8,791.00	\$44,010.00	\$0.00	\$44,010.00	\$4,390.00	91%
Action Mechanical, LLC	HVAC	\$190,320.00	\$3,442.55	\$63,502.95	\$0.00	\$126,817.05	\$66,945.50	\$0.00	\$66,945.50	\$123,374.50	35%
Preferred Electric	Electrical	\$654,869.62	\$64,231.26	\$462,988.46	\$115,092.90	\$76,788.26	\$514,431.62	\$127,881.00	\$642,312.62	\$12,557.00	98%
Automatic Control Services	Instrumentation	\$87,990.00	\$6,488.50	\$39,976.93	\$18,417.60	\$29,593.47	\$44,421.03	\$20,464.00	\$64,885.03	\$23,104.97	74%
Core & Main	Mechanical Material	\$67,996.00	\$0.00	\$65,780.36	\$0.00	\$2,215.64	\$65,780.36	\$0.00	\$65,780.36	\$2,215.64	97%
Capital Plumbing	Plumbing	\$67,118.00	\$5,246.40	\$47,217.60	\$0.00	\$19,900.40	\$52,464.00	\$0.00	\$52,464.00	\$14,654.00	78%
Covaten, Inc.	Grinder Pump System	\$6,389.00	\$638.90	\$5,750.10	\$0.00	\$638.90	\$6,389.00	\$0.00	\$6,389.00	\$0.00	100%
ORIGINAL CONTRACT TOTALS		\$3,056,069.12	\$249,287.75	\$1,795,995.04	\$537,414.75	\$912,659.33	\$1,628,893.92	\$563,794.16	\$2,492,877.54	\$563,091.58	82%

AMOUNT OF ORIGINAL CONTRACT	\$2,974,000.00
EXTRAS TO CONTRACT	\$82,069.12
TOTAL CONTRACT AND EXTRAS	\$3,056,069.12
CREDITS TO CONTRACT	\$0.00
ADJUSTED TOTAL CONTRACT	\$3,056,069.12
WORK COMPLETED TO DATE	\$2,492,877.54
LESS AMOUNT RETAINED	\$949,267.75
MATERIAL STORED	\$0.00
NET AMOUNT EARNED	\$2,243,409.79
NET PREVIOUSLY PAID	\$1,735,995.04
AMOUNT DUE THIS PAYMENT	\$507,414.75
BALANCE TO COMPLETE (INC. RETENTION)	\$812,659.33

I understand that the total amount paid to date plus the amount requested in this application shall not exceed 90% of the cost of work completed to date I agree to furnish Warranters of Lien for all materials under my contract when demanded

SUBSCRIBED AND SWORN to before me this 30 day of JUNE 2019
Brenda S. Sparks
 NOTARY PUBLIC

JOSEPH J. HENDERSON & SON, INC.
William Marshalla
 William Marshalla, Director of Operations



PARTIAL WAIVER OF LIEN

STATE OF ILLINOIS)
 COUNTY OF LAKE) SS

GTY# _____
 LOAN # _____
 SUBCONTRACT OR P.O. # _____

TO WHOM IT MAY CONCERN

WHEREAS the undersigned has been employed by Morton Grove Niles Water Commission
 to furnish General Contractor
 for the premises known as Contract 6 MGNWC Intermediate Pump Station
 of which Morton Grove Niles Water Commission is the Owner.

THE undersigned, for and in consideration of Five Hundred Seven Thousand Four Hundred Fourteen and 74/100
\$507,414.75 Dollars, and other good and valuable considerations, the receipt whereof is hereby acknowledged,
 do(es) hereby waive and release any and all lien or claim of, or right to lien, under the statutes of the State of Illinois, relating to mechanic's liens,
 with respect to and on said above-described premises, and the improvements thereon, and on the material, fixtures, apparatus or machinery furnished,
 and on the moneys, funds or other considerations due or to become due from the owner, on account of labor services, material, fixtures, apparatus
 or machinery, furnished to this date by the undersigned for the above-described premises

Given under my hand and seal this 30 day of June, 2019

Signature and Seal *William Marshall*

NOTE: All waivers must be for the full amount paid. If waiver is for a corporation corporate name should be used, corporate seal affixed and title of officer signing waiver should be set forth; if waiver is for a partnership the partnership name should be used, partner should sign and designate himself as partner.

CONTRACTOR'S AFFIDAVIT

STATE OF ILLINOIS)
 COUNTY OF LAKE) SS
 TO WHOM IT MAY CONCERN:

THE undersigned, being duly sworn, deposes and says that he is William Marshalla, Director of Operations
 of the Joseph J. Henderson & Son, Inc.
 who is the contractor for the Contract 6 MGNWC Intermediate Pump Station
 work on the building located at Skokie Sculpture Park South of Emerso Village of Skokie, IL
 owned by Morton Grove Niles Water Commission

That the total amount of the contract including extras is \$ 3,056,069.12
 on which he has received payment of \$1,735,995.04 prior to this payment. That all waivers are true, correct and genuine and
 delivered unconditionally and that there is no claim either legal or equitable to defeat the validity of said waivers. That the following are the names of all
 parties who have furnished material or labor, or both, for said work and all parties having contracts for specific portions of said work or for material
 entering into the construction thereof and the amount due or to become due to each, and that the items mentioned include all labor and material required to
 complete said work according to plans and specifications:

NAMES	WHAT FOR	CONTRACT PRICE	AMOUNT PAID	THIS PAYMENT	BALANCE DUE
JOSEPH J HENDERSON & SON, INC	GENERAL CONTRACT	\$3,056,069.12	\$1,735,995.04	\$507,414.75	\$812,659.33
	Per attached				
	Sworn Statement				
TOTAL LABOR AND MATERIAL TO COMPLETE		\$3,056,069.12	\$1,735,995.04	\$507,414.75	\$812,659.33

That there are no other contracts for said work outstanding, and that there is nothing due or to become due to any person for material, labor or other work of any kind done or to be done upon or in connection with said work other than above stated.

Signed this 30 day of June, 2019

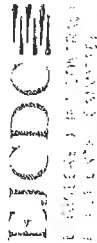
Signature *William Marshall*

Subscribed and sworn to before me this

30 day of June, 2019

Brenda Sparks
 Notary Signature & Seal





Contractor's Application for Payment No. 11

To: Morton Grove-Niles Water (Owner): Commission Project: Contract 7-MGNWC Nigte Ave. Pump Station Owner's Contract No.: Resolution #18-33	From (Contractor): Joseph J. Henderson & Son, Inc. Contract: Stanley Consultants, Inc. Engineer's Project No.:	Application Date: 6/1/2019 - 6/30/2019 Application Date: 6/25/2019
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Application For Payment Change Order Summary

Approved Change Orders Number	Additions	Deductions	
1	\$13,583.85		
2	\$67,586.02		
3	\$3,087.42		
4	\$23,718.40		
TOTALS			
NET CHANGE BY			\$0.00
CHANGE ORDERS			\$107,975.69

1. ORIGINAL CONTRACT PRICE..... \$ 7,437,000.00
2. Net change by Change Orders..... \$ 107,975.69
3. Current Contract Price (Line 1 ± 2)..... \$ 7,544,975.69
4. TOTAL COMPLETED AND STORED TO DATE
(Column F total on Progress Estimates)..... \$ 5,535,895.67
5. RETAINAGE:
 - a. 10% X \$5,535,895.67 Work Con \$ 553,589.57
 - b. 10% X 50.00 Stored Ma \$ 5,000.00
 - c. Total Retainage (Line 5.a + Line 5.b)..... \$ 553,589.57
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)..... \$ 4,982,306.10
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... \$ 4,444,267.19
8. AMOUNT DUE THIS APPLICATION..... \$ 538,038.91
9. BALANCE TO FINISH, PLUS RETAINAGE
(Column G total on Progress Estimates + Line 5.c above)..... \$ 2,562,669.59

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;

(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all

Contractor Signature: William Marshall
 By: William Marshall
 Director of Operations
 Date: 6/30/2019

Payment \$ 6,538,018.91
 is recommended by: [Signature] (Date) 7/5/19
 (Line 8 or other - attach explanation of the other amount)

Payment \$ _____
 is approved by: _____ (Date) _____
 (Line 8 or other - attach explanation of the other amount)

Approved by: _____ (Date) _____
 Funding or Financing Entity (if applicable)

CONTINUATION SHEET

AIA DOCUMENT G703

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing

Contractor's signed Certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER:

APPLICATION DATE:

PERIOD TO:

JJH PROJECT NO.:

11
6/25/2019
6/30/2019
1554-00

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE		D WORK COMPLETED FROM PREVIOUS APPLICATION (D + E)		E WORK COMPLETED THIS PERIOD		F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED & STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C - G)	I RETAINAGE 10% of Total Contract
	DIVISION 1										
	Bonds and Insurance	\$53,579.00	\$0.00	\$53,579.00	\$0.00	\$0.00	\$0.00	\$0.00	\$53,579.00	\$0.00	\$5,357.90
	Project Management	\$218,080.00	\$17,271.94	\$142,733.36	\$0.00	\$17,271.94	\$0.00	\$0.00	\$160,005.30	\$58,074.70	\$16,000.53
	Mobilization	\$16,480.00	\$0.00	\$16,480.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,480.00	\$0.00	\$1,648.00
	Temporary Facilities & Site Maintenance	\$29,360.00	\$396.36	\$19,216.12	\$0.00	\$396.36	\$0.00	\$0.00	\$19,612.48	\$9,747.52	\$1,961.25
	Testing	\$10,000.00	\$0.00	\$9,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,000.00	\$1,000.00	\$900.00
	Equipment	\$15,800.00	\$800.00	\$11,890.46	\$0.00	\$800.00	\$0.00	\$0.00	\$12,690.46	\$3,109.54	\$1,269.05
	Demobilization	\$5,200.00	\$0.00	\$0.00	\$0.00	\$1,300.00	\$0.00	\$0.00	\$1,300.00	\$3,900.00	\$130.00
	DIVISION 2										
	Project Management/Supervision	\$17,514.00	\$0.00	\$13,207.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,207.00	\$4,307.00	\$1,320.70
	Mobilization	\$19,700.00	\$0.00	\$19,700.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,700.00	\$0.00	\$1,970.00
	Testing	\$5,000.00	\$0.00	\$0,750.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,750.00	\$1,250.00	\$375.00
	Equipment Rental	\$12,000.00	\$0.00	\$9,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,000.00	\$3,000.00	\$900.00
	Erosion Control	\$9,176.00	\$0.00	\$6,886.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,886.00	\$2,288.00	\$688.80
	Site Demolition	\$9,472.00	\$0.00	\$9,472.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,472.00	\$0.00	\$947.20
	Structure Excavation	\$102,510.00	\$0.00	\$102,510.00	\$0.00	\$0.00	\$0.00	\$0.00	\$102,510.00	\$0.00	\$10,251.00
	Structure Backfill	\$91,458.00	\$0.00	\$91,458.00	\$0.00	\$0.00	\$0.00	\$0.00	\$91,458.00	\$0.00	\$9,145.80
	Site Mass Grading	\$11,282.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,282.00	\$0.00
	Site Grading	\$44,738.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44,738.00	\$0.00
	ERS	\$5,000.00	\$0.00	\$5,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,000.00	\$0.00	\$500.00
	Shoring & Underpinning	\$111,900.00	\$0.00	\$111,900.00	\$0.00	\$0.00	\$0.00	\$0.00	\$111,900.00	\$0.00	\$11,190.00
	Concrete Pavement										
	PCC Sidewalk 5"	\$11,015.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,015.00	\$0.00
	PCC Pavement - 8"	\$98,625.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$98,625.00	\$0.00
	Concrete Curb & Gutter	\$13,970.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,970.00	\$0.00
	Chain Link Fence	\$10,475.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,475.00	\$0.00
	Ornamental Fence Labor	\$14,175.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,175.00	\$0.00
	Ornamental Fence Material	\$61,350.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$61,350.00	\$0.00
	Slide Gate Operator Labor	\$4,860.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,860.00	\$0.00
	Slide Gate Operator Material	\$5,615.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,615.00	\$0.00

CONTINUATION SHEET

AIA DOCUMENT G703

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 11
 APPLICATION DATE: 6/25/2019
 PERIOD TO: 6/30/2019
 JH PROJECT NO.: 1354-00

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN D O R E)	G TOTAL COMPLETED & STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C - G)	I RETAINAGE 10% of Total Contract
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
	Landscaping								
	F&I Trees	\$3,830.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,830.73	\$0.00
	F&I Shrubs	\$2,306.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,306.97	\$0.00
	F&I Perennials	\$679.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$679.67	\$0.00
	F&I Turf & Mulch	\$9,450.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,450.97	\$0.00
	F&I Turfstone Pavers & Restoration	\$76,441.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$76,441.65	\$0.00
	DIVISION 3								
	Pump Station Concrete								
	Form/Pour Footings	\$42,247.00	\$42,247.00	\$0.00	\$0.00	\$0.00	\$42,247.00	\$0.00	\$4,224.70
	Form/Pour Walls	\$142,382.00	\$142,382.00	\$0.00	\$0.00	\$0.00	\$142,382.00	\$0.00	\$14,238.20
	Point, Patch & Rub	\$11,917.00	\$11,917.00	\$0.00	\$0.00	\$0.00	\$11,917.00	\$0.00	\$1,191.70
	Form/Pour Columns	\$21,473.00	\$21,473.00	\$0.00	\$0.00	\$0.00	\$21,473.00	\$0.00	\$2,147.30
	Form/Pour Slabs	\$44,379.00	\$44,379.00	\$0.00	\$0.00	\$0.00	\$44,379.00	\$0.00	\$4,437.90
	Pour Precast Topping Slab	\$6,964.00	\$6,964.00	\$0.00	\$0.00	\$0.00	\$6,964.00	\$0.00	\$696.40
	Form/Pour Equipment Pads	\$8,296.00	\$8,296.00	\$0.00	\$0.00	\$0.00	\$8,296.00	\$0.00	\$829.60
	Form/Pour Pipe Supports	\$7,140.00	\$7,140.00	\$0.00	\$0.00	\$0.00	\$7,140.00	\$0.00	\$714.00
	Pour Bollards	\$564.00	\$564.00	\$0.00	\$0.00	\$0.00	\$564.00	\$0.00	\$56.40
	Rebar-Furnish	\$26,129.00	\$26,129.00	\$0.00	\$0.00	\$0.00	\$26,129.00	\$0.00	\$2,612.90
	Rebar-Install	\$28,800.00	\$28,800.00	\$0.00	\$0.00	\$0.00	\$28,800.00	\$0.00	\$2,880.00
	Precast Concrete								
	Precast Product	\$85,677.00	\$85,677.00	\$0.00	\$0.00	\$0.00	\$85,677.00	\$0.00	\$8,567.70
	Shipping	\$6,000.00	\$6,000.00	\$0.00	\$0.00	\$0.00	\$6,000.00	\$0.00	\$600.00
	Installation	\$29,323.00	\$27,894.00	\$1,439.00	\$0.00	\$0.00	\$29,323.00	\$0.00	\$2,932.30
	Precast Concrete Subtotal	\$121,000.00	\$119,561.00	\$1,439.00	\$0.00	\$0.00	\$121,000.00	\$0.00	\$12,100.00
	DIVISION 4								
	Face Brick Material	\$31,669.84	\$31,669.84	\$0.00	\$0.00	\$0.00	\$31,669.84	\$0.00	\$3,166.98
	Face Brick Labor	\$60,021.21	\$60,021.21	\$0.00	\$0.00	\$0.00	\$60,021.21	\$0.00	\$6,002.12
	4" CMU	\$256.00	\$256.00	\$0.00	\$0.00	\$0.00	\$256.00	\$0.00	\$25.60
	4" CMU Labor	\$2,069.70	\$2,069.70	\$0.00	\$0.00	\$0.00	\$2,069.70	\$0.00	\$206.97
	6" CMU	\$1,015.08	\$1,015.08	\$0.00	\$0.00	\$0.00	\$1,015.08	\$0.00	\$101.51
	6" CMU Labor	\$5,638.14	\$5,638.14	\$0.00	\$0.00	\$0.00	\$5,638.14	\$0.00	\$563.81
	8" CMU	\$18,090.85	\$18,090.85	\$0.00	\$0.00	\$0.00	\$18,090.85	\$0.00	\$1,809.09

CONTINUATION SHEET

AIA DOCUMENT G702

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In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER:

11

6/25/2019

6/30/2019

1354-00

APPLICATION DATE:

PERIOD TO:

J.J.H PROJECT NO.:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED & STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C - G)	I RETAINAGE 10% of Total Contract
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
	8" CMU Labor	\$75,317.93	\$75,317.93	\$0.00	\$0.00	\$0.00	\$75,317.93	\$0.00	\$7,531.79
	10" CMU	\$2,192.88	\$2,192.88	\$0.00	\$0.00	\$0.00	\$2,192.88	\$0.00	\$219.29
	10" CMU Labor	\$8,017.10	\$8,017.10	\$0.00	\$0.00	\$0.00	\$8,017.10	\$0.00	\$801.71
	4" Split Face CMU Material	\$5,744.44	\$5,744.44	\$0.00	\$0.00	\$0.00	\$5,744.44	\$0.00	\$574.44
	4" Split Face CMU Labor	\$8,421.52	\$8,421.52	\$0.00	\$0.00	\$0.00	\$8,421.52	\$0.00	\$842.15
	Precast Stone Material	\$50,411.90	\$50,411.90	\$0.00	\$0.00	\$0.00	\$50,411.90	\$0.00	\$5,041.19
	Precast Stone Labor	\$13,060.50	\$13,060.50	\$0.00	\$0.00	\$0.00	\$13,060.50	\$0.00	\$1,306.05
	#5 Rebar Material	\$7,235.01	\$7,235.01	\$0.00	\$0.00	\$0.00	\$7,235.01	\$0.00	\$723.50
	#5 Rebar Labor	\$41,037.09	\$41,037.09	\$0.00	\$0.00	\$0.00	\$41,037.09	\$0.00	\$4,103.71
	Mortar @ Face Brick	\$4,244.20	\$4,244.20	\$0.00	\$0.00	\$0.00	\$4,244.20	\$0.00	\$424.42
	Mortar & CMU	\$6,656.02	\$6,656.02	\$0.00	\$0.00	\$0.00	\$6,656.02	\$0.00	\$665.60
	Grout Material	\$6,529.54	\$6,529.54	\$0.00	\$0.00	\$0.00	\$6,529.54	\$0.00	\$652.95
	Masonry Accessories Material	\$20,611.27	\$20,611.27	\$0.00	\$0.00	\$0.00	\$20,611.27	\$0.00	\$2,061.13
	Masonry Accessories Labor	\$15,472.32	\$15,472.32	\$0.00	\$0.00	\$0.00	\$15,472.32	\$0.00	\$1,547.23
	10" Acoustical CMU Material	\$20,650.01	\$20,650.01	\$0.00	\$0.00	\$0.00	\$20,650.01	\$0.00	\$2,065.00
	10" Acoustical CMU Labor	\$14,535.45	\$14,535.45	\$0.00	\$0.00	\$0.00	\$14,535.45	\$0.00	\$1,453.55
	Layout Staging	\$1,982.00	\$1,982.00	\$0.00	\$0.00	\$0.00	\$1,982.00	\$0.00	\$198.20
	Brick Cleaning	\$4,200.00	\$4,200.00	\$0.00	\$0.00	\$0.00	\$4,200.00	\$0.00	\$420.00
	Stocking/Clean Up	\$2,160.00	\$2,160.00	\$0.00	\$0.00	\$0.00	\$2,160.00	\$0.00	\$216.00
	Scaffold	\$1,520.00	\$1,520.00	\$0.00	\$0.00	\$0.00	\$1,520.00	\$0.00	\$152.00
	Mobilization	\$3,000.00	\$3,000.00	\$0.00	\$0.00	\$0.00	\$3,000.00	\$0.00	\$300.00
	Sawtime	\$3,040.00	\$3,040.00	\$0.00	\$0.00	\$0.00	\$3,040.00	\$0.00	\$304.00
	Masonry Subtotal	\$435,000.00	\$435,000.00	\$0.00	\$0.00	\$0.00	\$435,000.00	\$0.00	\$43,499.99
	DIVISION 5								
	Structural Steel	\$163,000.00	\$163,000.00	\$0.00	\$0.00	\$0.00	\$163,000.00	\$0.00	\$16,300.00
	Furnish FRP Platform	\$37,847.00	\$20,597.00	\$2,000.00	\$0.00	\$0.00	\$22,597.00	\$14,750.00	\$2,259.70
	Install FRP Platform	\$19,570.00	\$10,500.00	\$0.00	\$0.00	\$0.00	\$10,500.00	\$9,070.00	\$1,050.00
	DIVISION 7								
	Fluid Applied Vapor Barrier	\$12,000.00	\$5,738.00	\$6,262.00	\$0.00	\$0.00	\$12,000.00	\$0.00	\$1,200.00
	Roofing								
	Sheet Metal - Labor	\$9,753.00	\$0.00	\$9,753.00	\$0.00	\$0.00	\$9,753.00	\$0.00	\$975.30
	Sheet Metal - Material	\$3,792.00	\$0.00	\$3,792.00	\$0.00	\$0.00	\$3,792.00	\$0.00	\$379.20
	Roofing - Labor	\$22,278.00	\$16,708.50	\$5,569.50	\$0.00	\$0.00	\$22,278.00	\$0.00	\$2,227.80

CONTINUATION SHEET

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PERIOD TO:

JH PROJECT NO.:

11

6/25/2019

6/30/2019

1354-00

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED & STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C - G)	I RETAINAGE 10% of Total Contract
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
	Roofing - Material	\$24,460.00	\$24,460.00	\$0.00	\$0.00	\$0.00	\$24,460.00	\$0.00	\$2,446.00
	Roofing - Equipment	\$1,057.00	\$1,057.00	\$0.00	\$0.00	\$0.00	\$1,057.00	\$0.00	\$105.70
	Roofing Subtotal	\$61,350.00	\$42,225.50	\$19,124.50	\$0.00	\$0.00	\$61,350.00	\$0.00	\$6,135.00
	Caulking	\$10,000.00	\$0.00	\$10,000.00	\$0.00	\$0.00	\$10,000.00	\$0.00	\$1,000.00
	DIVISION 8								
	Hollow Metal-Furnish	\$51,950.00	\$51,950.00	\$0.00	\$0.00	\$0.00	\$51,950.00	\$0.00	\$5,195.00
	Hollow Metal-Install	\$17,252.00	\$6,751.00	\$1,700.00	\$0.00	\$0.00	\$8,451.00	\$2,801.00	\$845.10
	Overhead Doors	\$17,765.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17,765.00	\$0.00
	DIVISION 9								
	Painting								
	Labor	\$95,210.00	\$2,365.00	\$40,000.00	\$0.00	\$0.00	\$42,365.00	\$52,845.00	\$4,236.50
	Epoxy Paint & Resinous Flooring	\$35,000.00	\$0.00	\$20,000.00	\$0.00	\$0.00	\$20,000.00	\$15,000.00	\$2,000.00
	Sealer for Exterior Material	\$5,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,400.00	\$0.00
	Equipment	\$5,000.00	\$0.00	\$2,500.00	\$0.00	\$0.00	\$2,500.00	\$2,500.00	\$250.00
	Painting Subtotal	\$140,610.00	\$2,365.00	\$62,500.00	\$0.00	\$0.00	\$64,865.00	\$75,745.00	\$6,466.50
	Furnish & Install Drywall	\$2,190.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,190.00	\$0.00
	DIVISION 10								
	Furnish Specialties	\$5,065.00	\$529.51	\$0.00	\$0.00	\$0.00	\$529.51	\$4,535.49	\$52.95
	Install Signs	\$470.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$470.00	\$0.00
	Install Work Bench	\$1,164.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,164.00	\$0.00
	Install Toilet & Bath Accessories	\$1,984.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,984.00	\$0.00
	DIVISION 11								
	Set Pump Skids	\$36,138.00	\$34,331.10	\$0.00	\$0.00	\$0.00	\$34,331.10	\$1,806.90	\$3,433.11
	Set Chemical Feed Equipment	\$4,074.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,074.00	\$0.00
	Install Inline Equipment	\$7,566.00	\$3,765.00	\$0.00	\$0.00	\$0.00	\$3,765.00	\$3,763.00	\$978.30
	Furnish USEMCO Pump Skids	\$684,536.00	\$537,725.70	\$0.00	\$0.00	\$0.00	\$537,725.70	\$46,810.30	\$53,772.57

CONTINUATION SHEET

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 JH PROJECT NO.:

11
 6/25/2019
 6/30/2019
 1354-00

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE		D WORK COMPLETED THIS PERIOD		E MATERIALS PRESENTLY STORED (NOT IN D OR E)	F TOTAL COMPLETED & STORED TO DATE (D+E+F)	G % (G/F)	H BALANCE TO FINISH (C - G)	I RETAINAGE 10% of Total Contract
		FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD	FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
	Furnish Hypo Chlorination Equipment- Drycon	\$70,000.00	\$0.00	\$70,000.00	\$0.00	\$0.00	\$70,000.00	100.00%	\$0.00	\$7,000.00
	DIVISION 14									
	F&I Bridge Cranes	\$52,500.00	\$0.00	\$42,320.00	\$0.00	\$0.00	\$42,320.00	80.00%	\$10,580.00	\$4,232.00
	DIVISION 15									
	HVAC									
	Trane Equipment	\$57,757.00	\$41,635.85	\$16,121.15	\$0.00	\$0.00	\$57,757.00	100.00%	\$0.00	\$5,775.70
	Trane Equipment- Install Labor	\$27,613.00	\$15,000.00	\$1,700.00	\$0.00	\$0.00	\$16,700.00	60.48%	\$10,913.00	\$1,570.00
	Ductwork Material	\$6,750.00	\$5,500.00	\$0.00	\$0.00	\$0.00	\$5,500.00	81.48%	\$1,250.00	\$550.00
	Ductwork Labor	\$10,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$10,000.00	\$0.00
	(4) Exhaust Fan Material	\$1,540.00	\$0.00	\$1,540.00	\$0.00	\$0.00	\$1,540.00	100.00%	\$0.00	\$154.00
	(4) Exhaust Fan- Labor	\$2,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$2,000.00	\$0.00
	(1) Gas Unit Heater- Material	\$1,500.00	\$0.00	\$1,500.00	\$0.00	\$0.00	\$1,500.00	100.00%	\$0.00	\$150.00
	(1) Gas Unit Heater- Labor	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$1,000.00	\$0.00
	(2) Electric Unit Heaters- Material	\$3,650.00	\$0.00	\$3,650.00	\$0.00	\$0.00	\$3,650.00	100.00%	\$0.00	\$365.00
	(2) Electric Unit Heaters- Labor	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$1,000.00	\$0.00
	B-Vent Material	\$650.00	\$0.00	\$650.00	\$0.00	\$0.00	\$650.00	100.00%	\$0.00	\$65.00
	B-Vent-Labor	\$600.00	\$0.00	\$1,000.00	\$0.00	\$0.00	\$1,000.00	100.00%	\$0.00	\$100.00
	Registers & Grilles- Material	\$3,000.00	\$0.00	\$650.00	\$0.00	\$0.00	\$650.00	21.67%	\$2,350.00	\$235.00
	Registers & Grilles- Labor	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$1,000.00	\$0.00
	Test & Balance- International Test & Balance	\$3,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$3,000.00	\$300.00
	Mainlifts	\$1,200.00	\$1,200.00	\$0.00	\$0.00	\$0.00	\$1,200.00	100.00%	\$0.00	\$120.00
	Crane Rental	\$2,160.00	\$1,080.00	\$1,080.00	\$0.00	\$0.00	\$2,160.00	100.00%	\$0.00	\$216.00
	Shop Drawings	\$1,000.00	\$0.00	\$1,000.00	\$0.00	\$0.00	\$1,000.00	100.00%	\$0.00	\$100.00
	Equipment Tagging	\$200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$200.00	\$0.00
	O&M Manuals	\$500.00	\$100.00	\$0.00	\$0.00	\$0.00	\$100.00	20.00%	\$400.00	\$40.00
	Trucking	\$500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$500.00	\$50.00
	HVAC Subtotal	\$124,300.00	\$64,515.85	\$28,871.15	\$0.00	\$0.00	\$53,387.00	75.13%	\$50,913.00	\$5,338.70
	TEMPERATUR CONTROLS									
	Engineering	\$2,500.00	\$0.00	\$2,500.00	\$0.00	\$0.00	\$2,500.00	100.00%	\$0.00	\$250.00
	Material	\$6,824.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$6,824.00	\$682.40
	Electrical Labor	\$23,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$23,000.00	\$2,300.00
	Programming	\$4,852.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$4,852.00	\$485.20
	Training	\$400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$400.00	\$40.00

CONTINUATION SHEET

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11

6/25/2019

6/30/2019

1354-00

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED & STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C - G)	I RETAINAGE 10% of Total Contract
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
	Temperature Controls Subtotal	\$97,576.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$2,500.00	\$95,076.00	\$250.00
	MECHANICAL								
	Project Management/Supervision	\$123,512.00	\$65,250.00	\$8,000.00	\$0.00	\$0.00	\$73,250.00	\$50,262.00	\$7,326.00
	Testing	\$17,612.00	\$8,800.00	\$0.00	\$0.00	\$0.00	\$8,800.00	\$8,812.00	\$860.00
	Equipment	\$90,045.00	\$26,000.00	\$0.00	\$0.00	\$0.00	\$26,000.00	\$24,045.00	\$2,800.00
	Furnish DI Pipe & Fittings	\$904,443.35	\$904,443.35	\$0.00	\$0.00	\$0.00	\$904,443.35	\$0.00	\$90,444.34
	Furnish PVC Pipe	\$12,032.00	\$9,050.00	\$0.00	\$0.00	\$0.00	\$9,050.00	\$2,982.00	\$905.00
	Furnish Valves	\$217,213.00	\$210,438.00	\$0.00	\$0.00	\$0.00	\$210,438.00	\$6,775.00	\$21,043.80
	SITE PIPE								
	Install DI Pipe & Fittings	\$43,844.00	\$43,844.00	\$0.00	\$0.00	\$0.00	\$43,844.00	\$0.00	\$4,384.40
	Install PVC Pipe	\$15,811.00	\$1,581.10	\$0.00	\$0.00	\$0.00	\$1,581.10	\$14,229.90	\$158.11
	Furnish & Install Manholes & Catch Basins	\$31,440.00	\$1,710.20	\$0.00	\$0.00	\$0.00	\$1,710.20	\$29,729.80	\$171.02
	Furnish & Install Copper & HDPE Pipe	\$3,188.00	\$0.00	\$3,188.00	\$0.00	\$0.00	\$3,188.00	\$0.00	\$318.80
	Site Pipe Excavation	\$140,563.00	\$49,203.02	\$5,000.00	\$0.00	\$0.00	\$54,203.02	\$86,359.98	\$5,420.30
	BUILDING MECHANICAL								
	Install DI Pipe & Fittings	\$112,617.00	\$106,892.55	\$0.00	\$0.00	\$0.00	\$106,892.55	\$5,724.45	\$10,569.26
	Install PVC Pipe	\$19,400.00	\$14,500.00	\$1,000.00	\$0.00	\$0.00	\$15,500.00	\$3,900.00	\$1,550.00
	Install Trench Drain	\$1,649.00	\$1,649.00	\$0.00	\$0.00	\$0.00	\$1,649.00	\$0.00	\$164.90
	Wall Penetrations	\$7,282.89	\$7,282.89	\$0.00	\$0.00	\$0.00	\$7,282.89	\$0.00	\$728.29
	Chlorination	\$5,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,000.00	\$0.00
	Mechanical Insulation	\$10,850.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,850.00	\$0.00
	HVAC Piping	\$15,857.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,857.00	\$0.00
	PLUMBING								
	Underground	\$32,140.00	\$32,140.00	\$0.00	\$0.00	\$0.00	\$32,140.00	\$0.00	\$5,214.00
	Rough-Ins	\$41,326.00	\$41,326.00	\$0.00	\$0.00	\$0.00	\$41,326.00	\$0.00	\$4,132.60
	Trim	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,369.00	\$0.00
	Plumbing Subtotal	\$91,635.00	\$73,466.00	\$0.00	\$0.00	\$0.00	\$73,466.00	\$18,369.00	\$7,346.60
	DIVISION 16								
	Mobilization	\$68,632.00	\$68,632.00	\$0.00	\$0.00	\$0.00	\$68,632.00	\$0.00	\$6,863.20
	Equipment Submittals	\$5,000.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$2,500.00	\$2,500.00	\$250.00
	Installation Layout Drawings	\$5,000.00	\$4,000.00	\$0.00	\$0.00	\$0.00	\$4,000.00	\$1,000.00	\$400.00

CONTINUATION SHEET

AIA DOCUMENT G703

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing

Contractor's signed Certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where available retainage for line items may apply.

APPLICATION NUMBER:
APPLICATION DATE:
PERIOD TO:
JUH PROJECT NO.:

11
6/25/2019
6/30/2019
1354-00

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE		D WORK COMPLETED THIS PERIOD		E MATERIALS PRESENTLY STORED (NOT IN D OR E)	F TOTAL COMPLETED & STORED TO DATE (D+E+F)	G % (G/F)	H BALANCE TO FINISH (C - G)	I RETAINAGE 10% of Total Contract
		FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD	FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
	Demo and Trailer Hook up	\$5,000.00	\$0.00	\$5,000.00	\$0.00	\$0.00	\$5,000.00	100.00%	\$0.00	\$500.00
	Furnish New VFDs	\$100,000.00	\$17,577.83	\$82,422.17	\$0.00	\$0.00	\$100,000.00	100.00%	\$0.00	\$10,000.00
	Furnish New Generator and ATS	\$210,000.00	\$0.00	\$210,000.00	\$0.00	\$0.00	\$210,000.00	100.00%	\$0.00	\$21,000.00
	Furnish New Switchgear	\$70,000.00	\$8,413.99	\$60,586.01	\$0.00	\$0.00	\$70,000.00	100.00%	\$0.00	\$7,000.00
	ComEd Primary Sub out and Secondary	\$29,012.00	\$20,308.40	\$8,703.60	\$0.00	\$0.00	\$29,012.00	100.00%	\$0.00	\$2,901.20
	Site Lighting	\$70,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$70,000.00	0.00%	\$70,000.00	\$0.00
	Fiber Optic at C7 and Police Station	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	0.00%	\$100,000.00	\$0.00
	Feeder Conduits	\$70,000.00	\$14,000.00	\$35,000.00	\$0.00	\$0.00	\$70,000.00	70.00%	\$21,000.00	\$4,500.00
	Feeder Cable	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	0.00%	\$100,000.00	\$0.00
	Branch Conduit - Power and Lighting	\$80,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$80,000.00	0.00%	\$80,000.00	\$0.00
	Branch Conduit - Systems	\$40,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40,000.00	0.00%	\$40,000.00	\$0.00
	Branch Wire and Cable Power and Lighting	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,000.00	0.00%	\$50,000.00	\$0.00
	Branch Wire and Cable -Systems	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,000.00	0.00%	\$50,000.00	\$0.00
	Lighting in Building	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,000.00	0.00%	\$50,000.00	\$0.00
	Install Switchgear and Power Panels, Transformer	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,000.00	0.00%	\$50,000.00	\$0.00
	Install and Terminate Controls - FBO	\$20,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,000.00	0.00%	\$20,000.00	\$0.00
	Hook up Mechanical Equipment - FBO	\$20,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,000.00	0.00%	\$20,000.00	\$0.00
	Install SCADA and Radio - FBO	\$30,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,000.00	0.00%	\$30,000.00	\$0.00
	Install and Set New Generator	\$10,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,000.00	0.00%	\$10,000.00	\$0.00
	Install ATS	\$5,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,000.00	0.00%	\$5,000.00	\$0.00
	Fire Alarm System	\$30,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,000.00	0.00%	\$30,000.00	\$0.00
	Communication System	\$20,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,000.00	0.00%	\$20,000.00	\$0.00
	Access Control / Security	\$30,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,000.00	0.00%	\$30,000.00	\$0.00
	Lightning Protection	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,000.00	0.00%	\$50,000.00	\$0.00
	Grounding System	\$70,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$70,000.00	0.00%	\$70,000.00	\$0.00
	Start up Commission	\$10,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,000.00	0.00%	\$10,000.00	\$0.00
	Training	\$5,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,000.00	0.00%	\$5,000.00	\$0.00
	Electrical Subtotal	\$1,372,644.00	\$345,800.22	\$299,343.78	\$0.00	\$0.00	\$645,144.00	47.00%	\$727,500.00	\$64,514.40
	INSTRUMENTATION									
	Common Work Results for Process Systems	\$500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500.00	0.00%	\$500.00	\$0.00
	Commissioning of Process Systems	\$1,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,400.00	0.00%	\$1,400.00	\$0.00
	Primary Process Measurement Devices - Labor	\$1,145.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,145.00	0.00%	\$1,145.00	\$0.00
	Primary Process Measurement Devices - Material	\$25,630.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25,630.00	100.00%	\$0.00	\$2,563.00

CONTINUATION SHEET

AIA DOCUMENT G703

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing

Contractor's signed Certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER:

APPLICATION DATE:

PERIOD TO:

JJH PROJECT NO.:

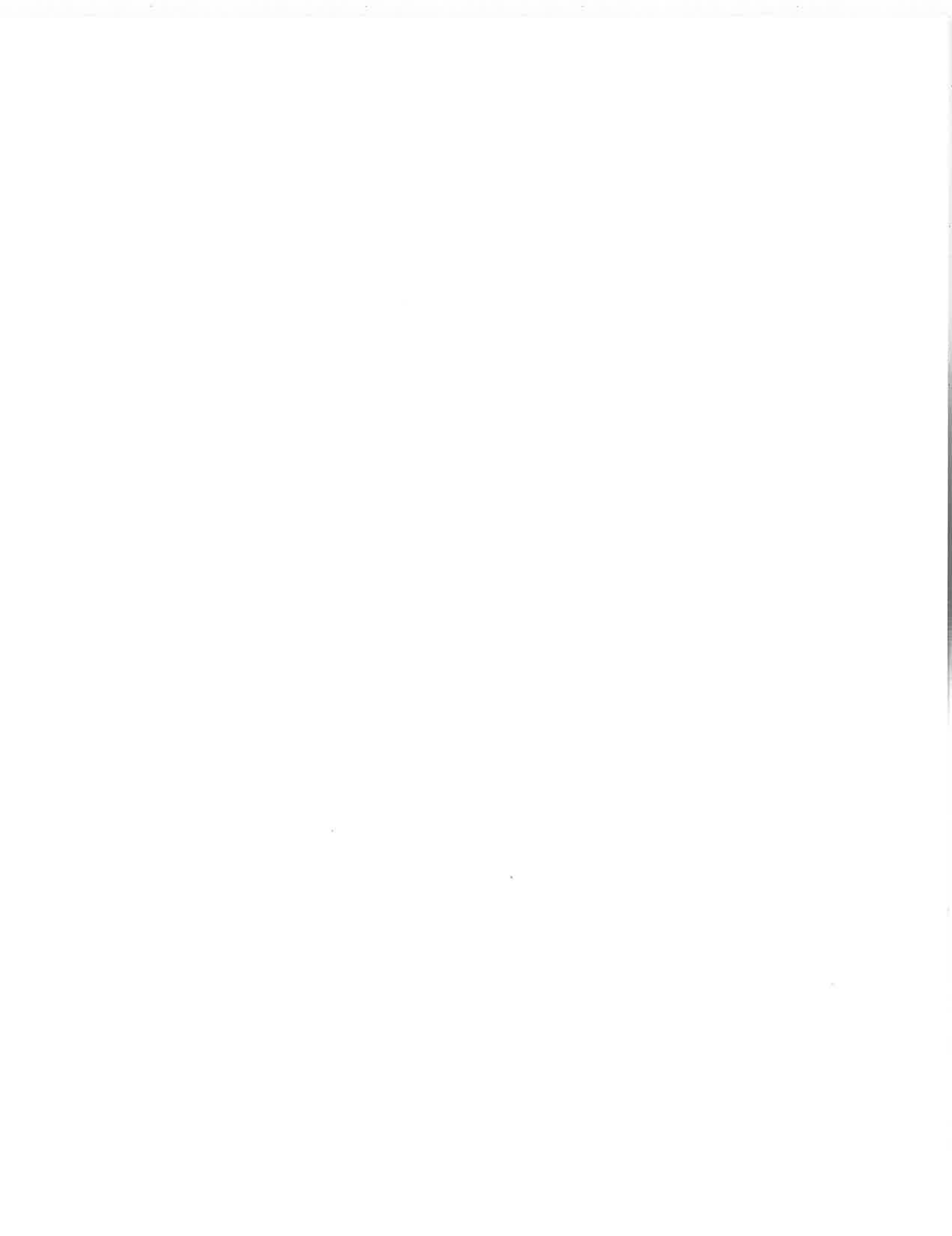
11

6/25/2019

6/30/2019

1354-00

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN DORE)	G TOTAL COMPLETED & STORED TO DATE (D+E+F)	H BALANCE TO FINISH (G - G)	I RETAINAGE 10% of Total Contract
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
	Programmable Logic Process Controllers, Process Control Panels and Hardware, Control System Operational Description and Fiber Optic Cable System - Patch Panels - Labor	\$24,735.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,735.00	\$0.00
	Programmable Logic Process Controllers, Process Control Panels and Hardware, Control System Operational Description and Fiber Optic Cable System - Patch Panels - Material	\$58,050.00	\$58,050.00	\$0.00	\$0.00	\$0.00	\$58,050.00	\$0.00	\$5,805.00
	Process Control Software & Reports, Graphic Screen Requirements and Process Control Alarm Requirements - Labor	\$28,376.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28,376.00	\$0.00
	Process Control Software & Reports, Graphic Screen Requirements and Process Control Alarm Requirements - Material	\$14,904.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,904.00	\$0.00
	Radio Telemetry System - Labor	\$1,900.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,900.00	\$0.00
	Radio Telemetry System - Material	\$33,360.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33,360.00	\$0.00
	Instrumentation Subtotal	\$190,000.00	\$83,660.00	\$0.00	\$0.00	\$0.00	\$83,660.00	\$106,320.00	\$8,366.00
	JJH OH&P	\$600,039.76	\$392,726.02	\$47,523.15	\$0.00	\$0.00	\$440,249.17	\$159,790.59	\$44,024.91
	OCO1 - Addition of mechanical seals for pump station.	\$13,583.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,583.85	\$0.00
	OCO2 - ComEd Transformer Pad Relocation and Primary Electrical Feeds	\$67,586.02	\$67,586.02	\$0.00	\$0.00	\$0.00	\$67,586.02	\$0.00	\$6,758.60
	OCO3 - AIS Nuts and Bolts, Fire Door and Piping Mods	\$3,087.42	\$3,087.42	\$0.00	\$0.00	\$0.00	\$3,087.42	\$0.00	\$308.74
	OCO4 - Waterproofing	\$23,718.40	\$23,718.40	\$0.00	\$0.00	\$0.00	\$23,718.40	\$0.00	\$2,371.84
	Total	\$7,544,975.69	\$4,938,074.65	\$597,821.02	\$0.00	\$5,535,895.67	\$2,009,080.02	\$553,589.57	73.37%



SWORN STATEMENT FOR CONTRACTOR AND SUBCONTRACTOR TO OWNER

Job No.: 1354-00
 Date: 6/30/2019
 Draw: 11

STATE OF ILLINOIS
 COUNTY OF LAKE

The affiant William Marshalla being first duly sworn, on oath deposes and says that affiant is Director of Operations of Joseph J. Henderson and Son, Inc. which has a contract with Morton Grove Niles Water Commission, of the project on the following described premises in said County to Will: Nagle Avenue Pump Station Contract, for the purpose of said contract, the following persons have been contacted with, and have, or are furnishing and preparing materials for, and we have done are doing labor on said improvement. That there is due and to become due them, respectively, the amounts set opposite their names for materials or labor as set forth in this statement is a full, true and complete statement of all such persons, the amounts paid to each and the amounts due and to become due to each.

1	2	3	4	5	6
NAME AND ADDRESS OF CONTRACTORS	DESCRIPTION OF WORK	ADJUSTED TOTAL CONTRACT INCLUDING EXTRAS/CREDITS	RETENTION INCLUDING THIS APPLICATION	NET PREVIOUSLY PAID	NET AMOUNT OF THIS PAYMENT
Joseph J. Henderson & Son, Inc.	General Conditions and JH Work	\$2,256,519.50	\$353,103.88	\$1,359,723.84	\$66,382.14
Hayward Baker	Shoring and Underpinning	\$111,900.00	\$0.00	\$111,900.00	\$0.00
Carrera Concrete Construction	Concrete Pavement	\$123,610.00	\$0.00	\$0.00	\$0.00
Action Fence Contractors	Chain Line Fence	\$86,000.00	\$0.00	\$0.00	\$0.00
Beary Landscaping	Landscaping	\$92,710.00	\$0.00	\$0.00	\$0.00
Harris Rebar Rockford	Rebar Furnish	\$26,977.00	\$0.00	\$26,977.00	\$0.00
Mayo Steel Erectors	Rebar Install	\$39,319.00	\$0.00	\$28,800.00	\$0.00
Mid-States Concrete	Precast Concrete	\$121,000.00	\$12,100.00	\$95,592.60	\$13,307.40
Able Masonry Development	Masonry	\$446,154.77	\$44,448.34	\$400,035.07	\$0.00
North Chicago Iron Works	Structural Steel	\$165,734.50	\$16,573.45	\$148,392.00	\$769.05
J. P. Larsen, Inc.	Fluid Applied Vapor Barrier	\$25,700.00	\$2,570.00	\$10,096.20	\$13,033.80
Injection & Waterproofing	Waterproofing	\$16,000.00	\$1,600.00	\$14,400.00	\$0.00
Metalmaster Roofmaster	Roofing	\$61,350.00	\$6,135.00	\$38,002.95	\$17,212.05
LaForce, Inc.	Hollow Metal	\$54,413.00	\$5,195.00	\$46,755.00	\$0.00
Industrial Door Company, Inc.	Colling Doors	\$17,765.00	\$0.00	\$0.00	\$0.00
Nikolas Painting Contractors	Painting	\$140,610.00	\$6,250.00	\$0.00	\$56,250.00
USEMCO, Inc.	Sewage Equipment	\$597,473.00	\$0.00	\$537,725.70	\$0.00
Dydon Equipment, Inc.	Hypo Chlorination Equipment	\$41,200.00	\$4,120.00	\$37,080.00	\$0.00
Watson Marlow, Inc.	Hypo Chlorination Equipment	\$28,800.00	\$2,880.00	\$25,920.00	\$0.00
American Grating, LLC	FRP Platform	\$37,576.00	\$2,259.70	\$18,537.30	\$1,800.00
Waite Equipment Co., LLC	Bridge Cranes	\$52,900.00	\$4,232.00	\$38,088.00	\$0.00
Valade Heating & Cooling, Inc.	HVAC	\$139,300.00	\$9,338.70	\$25,984.03	\$58,064.27
Everest Energy & Control	Temperature Controls	\$37,576.00	\$250.00	\$2,250.00	\$0.00
Kroeschell, Inc.	Electrical	\$1,367,197.60	\$64,514.40	\$269,409.40	\$311,220.20
Automatic Control Services	Instrumentation	\$190,000.00	\$8,368.00	\$75,912.00	\$0.00

1	2	3	4	5	6
NAME AND ADDRESS OF CONTRACTORS	DESCRIPTION OF WORK	ADJUSTED TOTAL CONTRACT INCLUDING EXTRAS/CREDITS	RETENTION INCLUDING THIS APPLICATION	NET PREVIOUSLY PAID	NET AMOUNT OF THIS PAYMENT
Maddock Industries	Cell Cast Disks and Link Seals	\$7,582.89	\$0.00	\$7,582.89	\$0.00
Core and Main	DIP Pipe and Fittings	\$904,443.35	\$0.00	\$799,334.23	\$0.00
Core and Main	Valves	\$217,213.00	\$0.00	\$210,438.00	\$0.00
Technical Threads	DIP Pipe and Fittings	\$29,071.08	\$0.00	\$29,071.08	\$0.00
Tennessee Metal Fabricating	Fabricated Steel Header	\$21,663.00	\$2,166.30	\$19,496.70	\$0.00
Capitol Plumbing	Plumbing	\$93,217.00	\$7,484.80	\$67,363.20	\$0.00
ORIGINAL CONTRACT TOTALS		\$7,544,975.69	\$553,569.57	\$4,444,267.19	\$538,036.91

AMOUNT OF ORIGINAL CONTRACT	\$7,437,000.00	WORK COMPLETED TO DATE
EXTRAS TO CONTRACT	\$107,975.69	LESS AMOUNT RETAINED
TOTAL CONTRACT AND EXTRAS	\$7,544,975.69	MATERIAL STORED
CREDITS TO CONTRACT	\$0.00	NET AMOUNT EARNED
ADJUSTED TOTAL CONTRACT	\$7,544,975.69	NET PREVIOUSLY PAID
		AMOUNT DUE THIS PAYMENT
		BALANCE TO COMPLETE (INC. RETENTION)

It is understood that the total amount paid to date plus the amount requested in this application shall not exceed 90% of the cost of work completed to date. I agree to furnish Waivers of Lien for all materials under my contract when demanded.

SUBSCRIBED AND SWORN to before me this 30th day of June, 2019.

Christine A. Tate

 NOTARY PUBLIC

JOSEPH J. HENDERSON & SON, INC.

William Marshall

 William Marshall, Director of Operations





May 16, 2019

Subject: Invoice 23 for Water Transmission Main & Facilities Design
Morton Grove – Niles Water Commission (MGNWC)

Dear MGNWC Operations Team:

Attached is the submittal of Invoice 23 for this contract. The hourly charges and invoice amounts for each package are summarized on attached spreadsheet to show how work by every firm of the Stanley Team links to the contract deliverables. The hours and fee amounts shown are provided for comparison with Contract Group Exhibit “B” Projected Labor and Budget spreadsheet dated June 30, 2017. The Exhibit “B” spreadsheet was prepared to determine the overall not-to-exceed project budget of \$4,459,313. The actual costs and hours for individual line items will vary from the values shown. Supplemental Agreement (SA) #s 1, 2, 3, 4 and 5 in the total amount of \$1,667,803 have been approved for a revised billing limit of \$6,127,116 and remaining balance of \$117,934.

Please note the following:

1. Invoices 1 to 21 have all been paid in full. Refer to attached Table 1 Invoice Log for a summary of invoicing, payments received and applied credits.
2. Table 2 includes a budget breakdown for SA #5.
3. The annual salary adjustment for Stanley Consultants has taken effect as of April 1, 2019. The new hourly rates have been included with this invoice. Refer to attached Table 3 Hourly Rate Increase.

Please direct questions and comments on invoices to me at 563.264.6453 or GustafsonShawn@StanleyGroup.com.

Sincerely,

Stanley Consultants, Inc.

A handwritten signature in cursive script that reads 'Shawn D. Gustafson'.

Shawn D. Gustafson, PE PMP
Senior Project Manager

Morton Grove-Niles Water Commission
Village of Niles Village Hall
1000 Civic Center Drive
Niles, IL 60714

Invoice Total	\$ 59,662.18
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Attention: Accounts Payable
For: MGNWC Transmission Main & Facilities Design

Professional Services Through April 27, 2019

Task	Task Name	Deliverable	Total Hours		Total Fee		Hourly Fee	Invoice Hours	Employee Total	Deliverable Total
			Name	Position						
M.1	General Expenses (Stanley)				\$	12,419				
EXP	Travel Expense (Agency Visits), Mailing,		102 Copies @ \$0.30						0%	\$ 30.60
A	Project Mgmt. Admin & Assistance (Stanley)		1,254.0		\$	718,073				
01A	Deliverable MTGS1 - Meetings		299.0		\$	49,516				
01A	Deliverable PA001 - Project Assistance		868.0		\$	133,019				
01A	Deliverable PM001 - Project Mgmt		1,237.0		\$	207,788				
	Project Management, Project Cost and Schedule Control		Gustafson, Shawn		Project Manager	\$ 71.15	7.0	\$ 498.05		
					3.15 times	0%		1%		\$ 1,568.86
01A	Deliverable PRMT1 - Permit Memt		219.0		\$	36,120				
Deliverable PKG2A - Project Mgmt & Assistance			1,631.0		\$	291,630				
	Design Services During Construction		Kennedy, Jean Thomas, Lawrence		Admin Assistant Project Manager	\$ 27.93 \$ 80.02	1.5 22.0	\$ 41.90 \$ 1,760.44		
					3.15 times	1%	23.5	2%		\$ 5,677.37
F	Intermediate Pump Station, Contract 6		2,203.0		\$	324,253				
Deliverable PKG1F - Contract 6 Design			1,797.0		\$	258,038				
Deliverable PKG2F - Contract 6 DSDC			406.0		\$	66,215				
01F	Intermediate Pump Station Design Services During Construction		Kowalczykowska, Beata		Designer	\$ 35.98	0.5	\$ 17.99		
					3.15 times	0%	0.5	0%		\$ 56.67
G	Nagle Avenue Pump Station, Contract 7		2,883.0		\$	430,062				
Deliverable PKG1G - Contract 7 Design			2,355.0		\$	343,574				
Deliverable PKG2G - Contract 7 DSDC			528.0		\$	86,488				
01G	Nagle Ave Pump Station Design Services During Construction		Bovenkamp, Jon Carter, Zachary Talukdar, Arundhatee Zargar, Majid		Lead Mech Engineer I & C Engineer Electrical Engineer Lead Elec Engineer	\$ 59.83 \$ 35.77 \$ 40.19 \$ 72.52	1.0 2.0 4.0 3.0	\$ 59.83 \$ 71.54 \$ 160.76 \$ 217.56		
					3.15 times	2%	10.0	2%		\$ 1,605.52
H	MGNWC Standpipe, Contract 8		834.0		\$	133,384				
Deliverable PKG1H - Contract 8 Design			396.0		\$	57,392				
Deliverable PKG2H - Contract 8 DSDC			438.0		\$	75,992				
01H	Standpipe Design Services During Construction									
					3.15 times	0%	0.0	0%		\$ -
I	General Civil Design		1,354.0		\$	179,598				
Deliverable FOPT1 - Contract 9 DSDC			157.0		\$	26,708				
J	Materials Procurement, Contract 5		324.0		\$	39,824				
01J	PKG1J Design				3.15 times	0%	0.0	0%		\$ -
K	Project Bidding		304.0		\$	47,450				
01K	PKG1K Design				3.15 times	0%	0.0	0%		\$ -
L	Public Information Program		144.0		\$	13,904				
01L	PKG1L Design				3.15 times	0%	0.0	0%		\$ -
N	Nagle Avenue SW Detention & 20" WM		28.0		\$	4,860				
01N	PKG1N Design				3.15 times	0%	0.0	0%		\$ -
Subtotal (Stanley)			12,485.0		\$	1,930,535				
							0%	34.00	0%	\$ 8,939.02

Subconsultants		Total Hours	Total Fee	Invoice Hours		Invoice Amount
B	East 30" Transmission Main Package - Applied Technologies	6,513.0	\$ 881,827			
	Contract 1 Design	5,213.0	\$ 709,453			
	Contract 1 DSDC	1,300.0	\$ 172,374			
SUB1A	Design Services During Construction		16%	212.0	12%	\$ 21,050.69
C	West 30" Transmission Main Package - Ciorba	5,445.0	\$ 711,441			
	Contract 2 Design	4,787.0	\$ 619,697			
	Contract 2 DSDC	658.0	\$ 91,744			
SUB2A	Design Services During Construction		28%	182.5	23%	\$ 21,153.64
D	20" Transmission Main Package - Strand	7,106.0	\$ 997,937			
	Contract 3 Design	5,577.0	\$ 785,194			
	Contract 3 DSDC	1,529.0	\$ 212,744			
SUB3A	Design Services During Construction		5%	73.0	4%	\$ 7,779.13
E	Existing 20" Transmission Main Maintenance - Robinson	2,500.0	\$ 378,870			
	Contract 4 Design	1,958.0	\$ 300,254			
	Contract 4 DSDC	542.0	\$ 78,616			
SUB4A	Design Services During Construction		0%	0.0	0%	\$ -
M.2	Survey and Geotechnical Expenses - Robinson		\$ 730,605			
M.4	Easement Identification & Acquisitions Assistance - Robinson		\$ 131,275			
F & G	Pump Stations - Knight	2,412.0	\$ 278,088			
	Contract 6 & 7 Design	1,626.0	\$ 181,680			
	Contract 6 & 7 DSDC	786.0	\$ 96,408			
SUB5A	Design Services During Construction		1%	7.0	1%	\$ 739.70
M.5	Land Acquisition Expenses - Santacruz		\$ 77,188			
M.3	Corrosion Survey Expenses - Corrpro		\$ 8,600			
M.7	Radio Study Expenses - TCIC		\$ 750			
	Subtotal (Subconsultants)	23,976.0	\$ 4,196,581			
			2%	474.50	1%	\$ 50,723.16
	Project Totals	36,461.0	\$ 6,127,116			
			1%	508.50	1%	\$ 59,662.18

Billing Limits	Current	Prior	To-Date	
Total Billings	\$ 59,662.18	\$ 5,949,519.40	\$ 6,009,181.58	98%
Limit			\$ 4,459,313.00	
Supplemental Agreement No. 1			\$ 84,370.00	
Supplemental Agreement No. 2			\$ 210,402.00	
Supplemental Agreement No. 3			\$ 300,734.00	
Supplemental Agreement No. 4			\$ 794,715.00	
Supplemental Agreement No. 5			\$ 277,582.00	
Revised Limit			\$ 6,127,116.00	
Remaining			\$ 117,934.42	
			TOTAL THIS INVOICE	\$ 59,662.18



May 16, 2019

Project No:

27793.01.00

Job-to-Date Invoice Summary

Professional Services Through April 27, 2019

Task	Task Name	Deliverable	Total Hours	Total Fee	% Hours	JTD Hours	% Fee	JTD Fee
				\$		Quantity	\$/Unit	
M.1	General Expenses (Stanley)			\$ 12,419			85%	\$ 10,535.66
EXP								
A	Project Mgmt, Admin & Assistance (Stanley)		4,254.0	\$ 718,073				
01A	Revenue Adjustment							
	Invoice 1 Rates Credit (Stanley)							\$ (24,943.54)
01A	Deliverable MTGS1 - Meetings		299.0	\$ 49,516				
					134%	400.5	134%	\$ 66,345.83
01A	Deliverable PA001 - Project Assistance		868.0	\$ 133,019				
					142%	1,229.5	115%	\$ 152,316.44
01A	Deliverable PM001 - Project Mgmt		1,237.0	\$ 207,788				
					80%	986.5	95%	\$ 197,513.39
01A	Deliverable PRMT1 - Permit Mgmt		219.0	\$ 36,120				
					120%	263.5	81%	\$ 29,107.69
	Deliverable PKG2A - Project Mgmt & Assistance		1,631.0	\$ 291,630				
01A					73%	1,193.0	63%	\$ 183,995.88
F	Intermediate Pump Station, Contract 6		2,203.0	\$ 324,253				
	Deliverable PKG1F - Contract 6 Design		1,797.0	\$ 258,038				
01F					131%	2,352.5	119%	\$ 307,318.69
	Deliverable PKG2F - Contract 6 DSDC		406.0	\$ 66,215				
01F					58%	234.5	49%	\$ 32,362.52
G	Nagle Avenue Pump Station, Contract 7		2,883.0	\$ 430,062				
	Deliverable PKG1G - Contract 7 Design		2,355.0	\$ 343,574				
01G					122%	2,868.5	108%	\$ 370,436.63
	Deliverable PKG2G - Contract 7 DSDC		528.0	\$ 86,488				
01G					108%	570.0	91%	\$ 78,547.20
H	MGNWC Standpipe, Contract 8		834.0	\$ 133,384				
	Deliverable PKG1H - Contract 8 Design		396.0	\$ 57,392				
01H					116%	458.0	108%	\$ 61,895.08
	Deliverable PKG2H - Contract 8 DSDC		438.0	\$ 75,992				
01H					28%	123.5	26%	\$ 19,972.22
I	General Civil Design		1,354.0	\$ 179,598				
01I					103%	1,390.5	101%	\$ 180,733.63
	Deliverable PKG2I - Contract 9 DSDC		157.0	\$ 26,708				
01I					12%	19.5	8%	\$ 2,127.10
J	Materials Procurement, Contract 5		324.0	\$ 39,824				
01J					36%	117.5	44%	\$ 17,678.24
K	Project Bidding		304.0	\$ 47,450				
01K					373%	1,133.5	265%	\$ 125,769.93
L	Public Information Program		144.0	\$ 13,904				
01L					34%	49.0	35%	\$ 4,860.45
N	Nagle Avenue SW Detention & 20" WM		28.0	\$ 4,860				
01N					148%	41.5	106%	\$ 5,168.11
Subtotal (Stanley)			12,485.0	\$ 1,930,535	108%	13,431.5	94%	\$ 1,821,741.15

Job-to-Date Invoice Summary

Professional Services Through April 27, 2019

Subconsultants		Total Hours	Total Fee/	JTD	% Fee	JTD Fee
B	East 30" Transmission Main Package - Applied Technologies	6,513.0	\$ 881,827			
	Contract 1 Design	5,213.0	\$ 709,453			
SUB01	East Segment 30" Transmission Main, Contract 1		105%	5,468.0	100%	\$ 709,452.86
	Contract 1 DSDC	1,300.0	\$ 172,374			
SUB1A	Design Services During Construction		82%	1,061.0	71%	\$ 122,452.45
C	West 30" Transmission Main Package - Ciorba	5,445.0	\$ 711,441			
	Contract 2 Design	4,787.0	\$ 619,697			
SUB02	West Segment 30" Transmission Main, Contract 2		106%	5,076.0	100%	\$ 619,697.35
	Contract 2 DSDC	658.0	\$ 91,744			
SUB2A	Design Services During Construction		76%	501.5	72%	\$ 66,452.00
D	20" Transmission Main Package - Strand	7,106.0	\$ 997,937			
	Contract 3 Design	5,577.0	\$ 785,194			
SUB03	20" Transmission Main, Contract 3		106%	5,920.0	100%	\$ 785,193.35
	Contract 3 DSDC	1,529.0	\$ 212,744			
SUB3A	Design Services During Construction		119%	1,816.0	115%	\$ 245,103.18
E	Existing 20" Transmission Main Maintenance - Robinson	2,500.0	\$ 378,870			
	Contract 4 Design	1,958.0	\$ 291,496			
SUB04	Existing 20" Transmission Main Maintenance, Contract 4		105%	2,048.5	100%	\$ 291,496.00
	Contract 4 DSDC	542.0	\$ 87,374			
SUB4A	Design Services During Construction		50%	269.3	59%	\$ 51,183.45
M.2	Survey and Geotechnical Expenses - Robinson		\$ 730,605			
SUB04	Survey and Geotechnical Expenses (Robinson)				100%	\$ 730,605.20
M.4	Easement Identification & Acquisitions Assistance - Robinson		\$ 131,275			
SUB04	Easement Identification & Acquisitions Expenses				100%	\$ 131,275.00
F & G	Pump Stations - Knight	2,412.0	\$ 278,088			
	Contracts 6 & 7 Design	1,626.0	\$ 181,680			
SUB05	Pump Stations, Contracts 6 and 7		89%	1,452.5	100%	\$ 181,680.38
	Contracts 6 & 7 DSDC	786.0	\$ 96,408			
SUB5A	Design Services During Construction		177%	1,395.0	173%	\$ 166,311.71
M.6	Environmental Services - Knight		\$ -			
SUB05	Environmental Service Expenses					\$ -
M.5	Land Acquisition Expenses - Santacruz		\$ 77,188			
SUB06	Land Acquisition Expenses				100%	\$ 77,187.50
M.3	Corrosion Survey Expenses - Corrpro		\$ 8,600			
SUB07	Corrosion Survey Expenses				100%	\$ 8,600.00
M.7	Radio Study Expenses - TCIC		\$ 750			
SUB08	Radio Study Expenses				100%	\$ 750.00
Subtotal (Subconsultants)		23,976.0	\$ 4,196,581			
			104%	25,007.75	100%	\$ 4,187,440.43
Project Totals		36,461.0	\$ 6,127,116			
			105%	38,439.25	98%	\$ 6,009,181.58

Professional Services Through April 27, 2019

Job-to-Date Invoice Summary

<u>Agreement</u>	<u>Fee</u>	<u>Hours</u>	<u>Invoice</u>	<u>Amount</u>
Base Contract	\$ 4,459,313	4,246.00	1	\$ 779,002.95
SA #1	\$ 84,370	2,293.50	2	\$ 584,899.18
SA #2	\$ 210,402	7,778.75	3	\$ 1,121,406.80
SA #3	\$ 300,734	5,405.75	4	\$ 793,901.99
SA #4	\$ 794,715	4,735.00	5	\$ 625,638.08
SA #5	\$ 277,582	1,334.50	6	\$ 169,757.57
		1,098.25	7	\$ 208,538.53
		1,885.00	8	\$ 251,052.54
		1,386.75	9	\$ 186,866.89
		1,269.00	10	\$ 160,493.71
		1,229.00	11	\$ 170,895.07
		789.00	12	\$ 101,526.44
		394.25	13	\$ 195,584.42
		573.00	14	\$ 78,672.48
		331.25	15	\$ 56,243.39
		289.50	16	\$ 48,565.03
		438.75	17	\$ 68,526.52
		1,443.00	18	\$ 182,275.98
		378.00	19	\$ 69,596.90
		197.25	20	\$ 32,408.23
		285.00	21	\$ 42,856.51
		150.25	22	\$ 20,810.19
		508.50	23	\$ 59,662.18
Limit	\$ 6,127,116	38,439.25		\$ 6,009,181.58
Balance				\$ 117,934.42

Supplemental Agreement No. 5

Close and Transfer:

1. Close SUB-SUB01 ATI and transfer remaining amount of \$1,112.14 to SUB1A.
2. Close SUB-SUB02 Ciorba and transfer remaining amount of \$6,294.65 to SUB2A.
3. Close SUB-SUB03 Strand and transfer remaining amount of \$1,343.65 to SUB3A.
4. Close SUB-SUB04 Robinson and transfer remaining amount of \$66,759.80 - \$8,757.62 = \$58,002.18 to SUB4A.
5. Close SUB-SUB05 Knight and transfer \$25,307.60 to SUB5A and \$40,410.00 to O1A-PKG2A.

SA #5 Adjustment:

SA #5 Adjustment:	Hours	Fee	New Limit	JTD	Remaining	ETC	Variance
1. SUB-SUB1A ATI: Add \$71,872 for new limit of \$172,374.	528	\$ 71,872	\$ 172,374	\$ 122,452	\$ 49,922	\$ 16,000	\$ 33,922
2. SUB-SUB2A Ciorba: Subtract \$13,651 for new limit of \$91,744.	-105	\$ (13,651)	\$ 91,744	\$ 66,452	\$ 25,292	\$ 14,000	\$ 11,292
3. SUB-SUB3A Strand: Add \$109,400 for new limit of \$212,744.	777	\$ 109,400	\$ 212,744	\$ 245,103	\$ (32,359)	\$ 20,000	\$ (52,359)
4. SUB-SUB4A Robinson: Subtract \$46,498 for new limit of \$93,489.	-288	\$ (46,498)	\$ 93,489	\$ 60,303	\$ 33,186	\$ 10,000	\$ 23,186
5. SUB-SUB5A Knight: Add \$0 for limit of \$96,408.	0	\$ -	\$ 96,408	\$ 166,312	\$ (69,904)	\$ 4,000	\$ (73,904)
6. Add \$152,890 to O1A-PKG2A	855	\$ 152,890	\$ 234,608	\$ 124,695	\$ 109,914	\$ 56,000	\$ 53,914
Add \$3,569 to EXP-EXPNS from \$8,850 to \$12,419	0	\$ 3,569	\$ 12,419	\$ 10,536	\$ 1,883	\$ 1,883	\$ -
					\$ 117,934	\$ 121,883	\$ (3,949)

1,767 \$ 277,582

Total Supplemental Agreement No. 5

Table 3**Stanley Consultants, Inc. - Hourly Rate increase effective April 1, 2019**

Member	Position	2018-19	2019-20	x 3.15
Ahmed, Bulbul	Sr. Civil Engineer	\$ 48.56	\$ 50.24	\$ 158.26
Benge, James	Cost Estimator	\$ 52.40	\$ 53.99	\$ 170.07
Bovenkamp, Jon	Lead Mech Engineer	\$ 58.15	\$ 59.83	\$ 188.46
Burmeister, Joseph	Cost Estimator	\$ 31.78	\$ 33.65	\$ 106.00
Carter, Zachary	I & C Engineer	\$ 34.62	\$ 35.77	\$ 112.68
Colby, Michael	Civil Engineer	\$ 29.90	\$ 31.59	\$ 99.51
Day, Heather	Lead Civil Engineer	\$ 49.15	\$ 50.83	\$ 160.11
de Rosario, Brendon	Civil Engineer	\$ 30.29	\$ 31.54	\$ 99.35
Despinoy, Katherine	Project Manager	\$ 64.42	\$ 66.59	\$ 209.76
Epperson, Sally	Designer	\$ 31.54	\$ 32.79	\$ 103.29
Frank, Kurt	QA/QC Engineers	\$ 68.89	\$ 70.63	\$ 222.48
Gemmel, Mark	Lead Civil Engineer	\$ 56.23	\$ 58.00	\$ 182.70
George Jr, David	Designer	\$ 32.95	\$ 34.18	\$ 107.67
Gomillia, DeLois	Admin Assistant	\$ 21.46	\$ 22.15	\$ 69.77
Grass, Curt	Civil Engineer	\$ 34.95	\$ 36.88	\$ 116.17
Grau, Tyler	Lead Civil Engineer	\$ 52.88	\$ 54.90	\$ 172.94
Graves, Kenton	Lead Mech Engineer	\$ 58.75	\$ 60.19	\$ 189.60
Graves, Michael	Lead Designer	\$ 46.26	\$ 47.56	\$ 149.81
Grothe, Barry	Designer	\$ 33.14	\$ 34.44	\$ 108.49
Gustafson, Shawn	Project Manager	\$ 69.23	\$ 71.15	\$ 224.12
Heim, Karmen	Sr. Civil Engineer	\$ 44.33	\$ 46.25	\$ 145.69
Henneman, Karen	Designer	\$ 42.01	\$ 43.36	\$ 136.58
Hill, Matthew	I & C Engineer	\$ 36.90	\$ 38.48	\$ 121.21
Hilton, Austin	Civil Engineer	\$ 35.80	\$ 37.48	\$ 118.06
Hoag, Mandy	Specifications Writer	\$ 30.48	\$ 31.69	\$ 99.82
Jackson, Dwayne	Designer	\$ 34.67	\$ 35.87	\$ 112.99
Jones, Robin Kim	Admin Assistant	\$ 20.82	\$ 21.44	\$ 67.54
Jording, Joseph	I & C Engineer	\$ 40.02	\$ 41.47	\$ 130.63
Kennedy, Jean	Admin Assistant	\$ 26.58	\$ 27.93	\$ 87.98
Knaus, Timothy	Lead Designer	\$ 54.13	\$ 56.06	\$ 176.59
Kowalczykowska, Beata	Designer	\$ 34.80	\$ 35.98	\$ 113.34
Martz, Michael	Lead Designer	\$ 47.86	\$ 49.25	\$ 155.14
Mathias, Debra	Sr. Civil Engineer	\$ 54.62	\$ 65.00	\$ 204.75
McCurdy, Darrel	Designer	\$ 22.32	\$ 23.18	\$ 73.02
Nelson, David	Designer	\$ 30.18	\$ 31.39	\$ 98.88
Pulido, Antonio	Sr. Mech Engineer	\$ 52.16	\$ 52.16	\$ 164.30
Reeves, Virginia	Designer	\$ 29.33	\$ 30.53	\$ 96.17
Riley, Brian E.	Designer	\$ 32.86	\$ 34.06	\$ 107.29
Roefeldt, Steven	Lead Designer	\$ 47.84	\$ 49.62	\$ 156.30
Rogers, James	Designer	\$ 29.60	\$ 30.76	\$ 96.89
Rouse Jr, Frederick	QA/QC Engineers	\$ 64.13	\$ 64.61	\$ 203.52
Stephens, Katherine	Civil Engineer	\$ 32.98	\$ 35.38	\$ 111.45
Talukdar, Arundhatee	Electrical Engineer	\$ 38.94	\$ 40.19	\$ 126.60
Thomas, Gregory	Lead Civil Engineer	\$ 55.94	\$ 57.62	\$ 181.50
Thomas, Lawrence	Project Manager	\$ 78.34	\$ 80.02	\$ 252.06
Warren, Scott	I & C Engineer	\$ 48.94	\$ 52.07	\$ 164.02
Wingo, Jeffrey	Civil Engineer	\$ 28.85	\$ 30.96	\$ 97.52
Worthington, Janet	Admin Assistant	\$ 24.95	\$ 25.77	\$ 81.18
Yargicoglu, Atalay	Lead Structural Engr	\$ 56.01	\$ 57.21	\$ 180.21
Zargar, Majid	Lead Elec Engineer	\$ 70.41	\$ 72.52	\$ 228.44



June 20, 2019

Subject: Invoice 24 for Water Transmission Main & Facilities Design
Morton Grove – Niles Water Commission (MGNWC)

Dear MGNWC Operations Team:

Attached is the submittal of Invoice 23 for this contract. The hourly charges and invoice amounts for each package are summarized on attached spreadsheet to show how work by every firm of the Stanley Team links to the contract deliverables. The hours and fee amounts shown are provided for comparison with Contract Group Exhibit “B” Projected Labor and Budget spreadsheet dated June 30, 2017. The Exhibit “B” spreadsheet was prepared to determine the overall not-to-exceed project budget of \$4,459,313. The actual costs and hours for individual line items will vary from the values shown. Supplemental Agreement (SA) #s 1, 2, 3, 4 and 5 in the total amount of \$1,667,803 have been approved for a revised billing limit of \$6,127,116 and remaining balance of \$100,473.

Please note the following:

1. Invoices 1 to 22 have all been paid in full. Refer to attached Table 1 Invoice Log for a summary of invoicing, payments received and applied credits.
2. Table 2 includes a budget breakdown for SA #5.

Please direct questions and comments on invoices to me at 563.264.6453 or GustafsonShawn@StanleyGroup.com.

Sincerely,

Stanley Consultants, Inc.

A handwritten signature in black ink that reads 'Shawn D. Gustafson'.

Shawn D. Gustafson, PE PMP
Senior Project Manager



Stanley Consultants Inc.

8501 West Higgins Road, Suite 730
Chicago, IL 60631-2801

Morton Grove-Niles Water Commission
Village of Niles Village Hall
1000 Civic Center Drive
Niles, IL 60714

June 20, 2019

Project No: 27793.01.00

Invoice No: 0215243

Invoice Total	\$ 17,460.84
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Attention: Accounts Payable
For: MGNWC Transmission Main & Facilities Design

Professional Services Through June 1, 2019

Task	Task Name	Deliverable	Total Hours		Total Fee		Hourly Fee	Invoice Hours	Employee Total	Deliverable Total
			Name	Position						
M.1	General Expenses (Stanley)				\$	12,419				
EXP	Travel Expense (Agency Visits), Mailing, Reproduction, and Misc.		40 Miles @ \$0.58 48 Copies @ \$0.13						0%	\$ 29.44
A	Project Mgmt, Admin & Assistance (Stanley)		4,254.0		\$	718,073				
01A	Deliverable MTGS1 - Meetings		299.0		\$	49,516				
01A	Deliverable PA001 - Project Assistance		868.0		\$	133,019				
01A	Deliverable PM001 - Project Mgmt		1,237.0		\$	207,788				
	Project Management, Project Cost and Schedule Control.		Gustafson, Shawn		Project Manager	\$ 71.15	11.5	\$ 818.23		
					3.15 times	0%		1%	\$ 2,577.42	
01A	Deliverable PRMT1 - Permit Mgmt		219.0		\$	36,120				
	Deliverable PKG2A - Project Mgmt & Assistance		1,631.0		\$	291,630				
	Design Services During Construction		Kennedy, Jean Thomas, Lawrence		Admin Assistant Project Manager	\$ 27.93 \$ 80.02	1.5 14.0	\$ 41.90 \$ 1,120.28		
					3.15 times	1%	15.5	1%	\$ 3,660.87	
F	Intermediate Pump Station, Contract 6		2,203.0		\$	324,253				
	Deliverable PKG1F - Contract 6 Design		1,797.0		\$	258,038				
	Deliverable PKG2F - Contract 6 DSDC		406.0		\$	66,215				
01F	Intermediate Pump Station	Design Services During Construction	Kowalczykowska, Beata		Designer	\$ 35.98		\$ -		
					3.15 times	0%	0.0	0%	\$ -	
G	Nagle Avenue Pump Station, Contract 7		2,883.0		\$	430,062				
	Deliverable PKG1G - Contract 7 Design		2,355.0		\$	343,574				
	Deliverable PKG2G - Contract 7 DSDC		528.0		\$	86,488				
01G	Nagle Ave Pump Station	Design Services During Construction	Hill, Matthew Talukdar, Arundhatee		I & C Engineer Electrical Engineer	\$ 38.48 \$ 40.19	3.5 2.0	\$ 134.68 \$ 80.38		
					3.15 times	1%	5.5	1%	\$ 677.44	
H	MGNWC Standpipe, Contract 8		834.0		\$	133,384				
	Deliverable PKG1H - Contract 8 Design		396.0		\$	57,392				
	Deliverable PKG2H - Contract 8 DSDC		438.0		\$	75,992				
01H	Standpipe	Design Services During Construction	Kowalczykowska, Beata		Designer	\$ 35.98	3.0	\$ 107.94		
					3.15 times	1%	3.0	0%	\$ 340.01	
I	General Civil Design		1,354.0		\$	179,598				
	Deliverable FOPT1 - Contract 9 DSDC		157.0		\$	26,708				
J	Materials Procurement, Contract 5		324.0		\$	39,824				
01J	PKG1J	Design			3.15 times	0%	0.0	0%	\$ -	
K	Project Bidding		304.0		\$	47,450				
01K	PKG1K	Design			3.15 times	0%	0.0	0%	\$ -	
L	Public Information Program		144.0		\$	13,904				
01L	PKG1L	Design			3.15 times	0%	0.0	0%	\$ -	
N	Nagle Avenue SW Detention & 20" WM		28.0		\$	4,860				
01N	PKG1N	Design			3.15 times	0%	0.0	0%	\$ -	
	Subtotal (Stanley)		12,485.0		\$	1,930,535	0%	24.00	0%	\$ 7,285.18

Subconsultants		Total Hours	Total Fee	Invoice Hours		Invoice Amount
B	East 30" Transmission Main Package - Applied Technologies	6,513.0	\$ 881,827			
	Contract 1 Design	5,213.0	\$ 709,453			
	Contract 1 DSDC	1,300.0	\$ 172,374			
SUB1A	Design Services During Construction			7%	86.5	5% \$ 7,978.47
C	West 30" Transmission Main Package - Clorba	5,445.0	\$ 711,441			
	Contract 2 Design	4,787.0	\$ 619,697			
	Contract 2 DSDC	658.0	\$ 91,744			
SUB2A	Design Services During Construction			0%	0.0	0% \$ -
D	20" Transmission Main Package - Strand	7,106.0	\$ 997,937			
	Contract 3 Design	5,577.0	\$ 785,194			
	Contract 3 DSDC	1,529.0	\$ 212,744			
SUB3A	Design Services During Construction			1%	11.25	1% \$ 1,615.99
E	Existing 20" Transmission Main Maintenance - Robinson	2,500.0	\$ 378,870			
	Contract 4 Design	1,958.0	\$ 300,254			
	Contract 4 DSDC	542.0	\$ 78,616			
SUB4A	Design Services During Construction			0%	0.0	0% \$ -
M.2	Survey and Geotechnical Expenses - Robinson		\$ 730,605			
M.4	Easement Identification & Acquisitions Assistance - Robinson		\$ 131,275			
F & G	Pump Stations - Knight	2,412.0	\$ 278,088			
	Contract 6 & 7 Design	1,626.0	\$ 181,680			
	Contract 6 & 7 DSDC	786.0	\$ 96,408			
SUB5A	Design Services During Construction			1%	5.5	1% \$ 581.20
M.5	Land Acquisition Expenses - Santacruz		\$ 77,188			
M.3	Corrosion Survey Expenses - Corpro		\$ 8,600			
M.7	Radio Study Expenses - TCIC		\$ 750			
Subtotal (Subconsultants)		23,976.0	\$ 4,196,581			
			0%	103.25	0%	\$ 10,175.66
Project Totals		36,461.0	\$ 6,127,116			
			0%	127.25	0%	\$ 17,460.84

Billing Limits	Current	Prior	To-Date	
Total Billings	\$ 17,460.84	\$ 6,009,181.58	\$ 6,026,642.42	98%
Limit			\$ 4,459,313.00	
Supplemental Agreement No. 1			\$ 84,370.00	
Supplemental Agreement No. 2			\$ 210,402.00	
Supplemental Agreement No. 3			\$ 300,734.00	
Supplemental Agreement No. 4			\$ 794,715.00	
Supplemental Agreement No. 5			\$ 277,582.00	
Revised Limit			\$ 6,127,116.00	
Remaining			\$ 100,473.58	
			TOTAL THIS INVOICE	\$ 17,460.84



June 20, 2019

Project No: 27793.01.00

Invoice No. 0215243

Invoice #24 General Expenses Summary

Professional Services Through June 1, 2019

Task	Description	Quantity	\$/Unit	Total
M.1	General Expenses (Stanley)			
4-Apr	Mileage, L. Thomas	10	\$0.58	\$ 5.80
16-Apr	Mileage, L. Thomas	10	\$0.58	\$ 5.80
18-Apr	Mileage, L. Thomas	10	\$0.58	\$ 5.80
16-May	Mileage, L. Thomas	10	\$0.58	\$ 5.80
25-May	Copies	48	\$0.13	\$ 6.24
EXP		Deliverable Total	\$	29.44



June 20, 2019

Project No:

27793.01.00

Job-to-Date Invoice Summary

Professional Services Through June 1, 2019

Task	Task Name	Deliverable	Total Hours	Total Fee	% Hours	JTD Hours	% Fee	JTD Fee
M.I	General Expenses (Stanley)			\$ 12,419		Quantity	\$/Unit	
EXP							85%	\$ 10,565.10
A	Project Mgmt, Admin & Assistance (Stanley)		4,254.0	\$ 718,073				
01A	Revenue Adjustment							
	Invoice 1 Rates Credit (Stanley)							\$ (24,943.54)
01A	Deliverable MTGS1 - Meetings		299.0	\$ 49,516				
					134%	400.5	134%	\$ 66,345.83
01A	Deliverable PA001 - Project Assistance		868.0	\$ 133,019				
					142%	1,229.5	115%	\$ 152,316.44
01A	Deliverable PM001 - Project Mgmt		1,237.0	\$ 207,788				
					80%	986.5	96%	\$ 200,090.81
01A	Deliverable PRMT1 - Permit Mgmt		219.0	\$ 36,120				
					120%	263.5	81%	\$ 29,107.69
	Deliverable PKG2A - Project Mgmt & Assistance		1,631.0	\$ 291,630				
01A					74%	1,208.5	64%	\$ 187,656.75
F	Intermediate Pump Station, Contract 6		2,203.0	\$ 324,253				
	Deliverable PKG1F - Contract 6 Design		1,797.0	\$ 258,038				
01F					131%	2,352.5	119%	\$ 307,318.69
	Deliverable PKG2F - Contract 6 DSDC		406.0	\$ 66,215				
01F					58%	234.5	49%	\$ 32,362.52
G	Nagle Avenue Pump Station, Contract 7		2,883.0	\$ 430,062				
	Deliverable PKG1G - Contract 7 Design		2,355.0	\$ 343,574				
01G					122%	2,868.5	108%	\$ 370,436.63
	Deliverable PKG2G - Contract 7 DSDC		528.0	\$ 86,488				
01G					109%	575.5	92%	\$ 79,224.64
H	MGNWC Standpipe, Contract 8		834.0	\$ 133,384				
	Deliverable PKG1H - Contract 8 Design		396.0	\$ 57,392				
01H					116%	458.0	108%	\$ 61,895.08
	Deliverable PKG2H - Contract 8 DSDC		438.0	\$ 75,992				
01H					29%	126.5	27%	\$ 20,312.23
I	General Civil Design		1,354.0	\$ 179,598				
01I					103%	1,390.5	101%	\$ 180,733.63
	Deliverable PKG2I - Contract 9 DSDC		157.0	\$ 26,708				
01I					12%	19.5	8%	\$ 2,127.10
J	Materials Procurement, Contract 5		324.0	\$ 39,821				
01J					36%	117.5	44%	\$ 17,678.24
K	Project Bidding		304.0	\$ 47,450				
01K					373%	1,133.5	265%	\$ 125,769.93
L	Public Information Program		144.0	\$ 13,904				
01L					34%	49.0	35%	\$ 4,860.45
N	Nagle Avenue SW Detention & 20" WM		28.0	\$ 4,860				
01N					148%	41.5	106%	\$ 5,168.11
	Subtotal (Stanley)		12,485.0	\$ 1,930,535				
					108%	13,455.5	95%	\$ 1,829,026.33

Job-to-Date Invoice Summary

Professional Services Through June 1, 2019

Subconsultants		Total Hours	Total Fee/	JTD	% Fee	JTD Fee
B	East 30" Transmission Main Package - Applied Technologies	6,513.0	\$ 881,827			
	Contract 1 Design	5,213.0	\$ 709,453			
SUB01	East Segment 30" Transmission Main, Contract 1		105%	5,468.0	100%	\$ 709,452.86
	Contract 1 DSDC	1,300.0	\$ 172,374			
SUB1A	Design Services During Construction		88%	1,147.5	76%	\$ 130,430.92
C	West 30" Transmission Main Package - Ciorba	5,445.0	\$ 711,441			
	Contract 2 Design	4,787.0	\$ 619,697			
SUB02	West Segment 30" Transmission Main, Contract 2		106%	5,076.0	100%	\$ 619,697.35
	Contract 2 DSDC	658.0	\$ 91,744			
SUB2A	Design Services During Construction		76%	501.5	72%	\$ 66,452.00
D	20" Transmission Main Package - Strand	7,106.0	\$ 997,937			
	Contract 3 Design	5,577.0	\$ 785,194			
SUB03	20" Transmission Main, Contract 3		106%	5,920.0	100%	\$ 785,193.35
	Contract 3 DSDC	1,529.0	\$ 212,744			
SUB3A	Design Services During Construction		120%	1,827.3	116%	\$ 246,719.17
E	Existing 20" Transmission Main Maintenance - Robinson	2,500.0	\$ 378,870			
	Contract 4 Design	1,958.0	\$ 291,496			
SUB04	Existing 20" Transmission Main Maintenance, Contract 4		105%	2,048.5	100%	\$ 291,496.00
	Contract 4 DSDC	542.0	\$ 87,374			
SUB4A	Design Services During Construction		50%	269.3	59%	\$ 51,183.45
M.2	Survey and Geotechnical Expenses - Robinson		\$ 730,605			
SUB04	Survey and Geotechnical Expenses (Robinson)				100%	\$ 730,605.20
M.4	Easement Identification & Acquisitions Assistance - Robinson		\$ 131,275			
SUB04	Easement Identification & Acquisitions Expenses				100%	\$ 131,275.00
F & G	Pump Stations - Knight	2,412.0	\$ 278,088			
	Contracts 6 & 7 Design	1,626.0	\$ 181,680			
SUB05	Pump Stations, Contracts 6 and 7		89%	1,452.5	100%	\$ 181,680.38
	Contracts 6 & 7 DSDC	786.0	\$ 96,408			
SUB5A	Design Services During Construction		178%	1,400.5	173%	\$ 166,892.91
M.6	Environmental Services - Knight		\$ -			
SUB05	Environmental Service Expenses					\$ -
M.5	Land Acquisition Expenses - Santacruz		\$ 77,188			
SUB06	Land Acquisition Expenses				100%	\$ 77,187.50
M.3	Corrosion Survey Expenses - Corrpro		\$ 8,600			
SUB07	Corrosion Survey Expenses				100%	\$ 8,600.00
M.7	Radio Study Expenses - TCIC		\$ 750			
SUB08	Radio Study Expenses				100%	\$ 750.00
Subtotal (Subconsultants)		23,976.0	\$ 4,196,581			
			105%	25,111.00	100%	\$ 4,197,616.09
Project Totals		36,461.0	\$ 6,127,116			
			106%	38,566.50	98%	\$ 6,026,642.42

Job-to-Date Invoice Summary

Professional Services Through June 1, 2019

<u>Agreement</u>	<u>Fee</u>	<u>Hours</u>	<u>Invoice</u>	<u>Amount</u>
Base Contract	\$ 4,459,313	4,246.00	1	\$ 779,002.95
SA #1	\$ 84,370	2,293.50	2	\$ 584,899.18
SA #2	\$ 210,402	7,778.75	3	\$ 1,121,406.80
SA #3	\$ 300,734	5,405.75	4	\$ 793,901.99
SA #4	\$ 794,715	4,735.00	5	\$ 625,638.08
SA #5	\$ 277,582	1,334.50	6	\$ 169,757.57
		1,098.25	7	\$ 208,538.53
		1,885.00	8	\$ 251,052.54
		1,386.75	9	\$ 186,866.89
		1,269.00	10	\$ 160,493.71
		1,229.00	11	\$ 170,895.07
		789.00	12	\$ 101,526.44
		394.25	13	\$ 195,584.42
		573.00	14	\$ 78,672.48
		331.25	15	\$ 56,243.39
		289.50	16	\$ 48,565.03
		438.75	17	\$ 68,526.52
		1,443.00	18	\$ 182,275.98
		378.00	19	\$ 69,596.90
		197.25	20	\$ 32,408.23
		285.00	21	\$ 42,856.51
		150.25	22	\$ 20,810.19
		508.50	23	\$ 59,662.18
		127.25	24	\$ 17,460.84
Limit	\$ 6,127,116	38,566.50		\$ 6,026,642.42
Balance				\$ 100,473.58

TABLE 1 - INVOICE LOG

MGNWC Transmission Main & Facilities Project

#	Invoice No.	Total Amount	Credit Applied	Invoice Total	Reporting Period End	Invoice Date	Amount Paid	Payment Date	Balance Due	SA Amount	NTE Amount	NTE Balance	Notes
1	0197803	\$ 779,002.95	\$ -	\$ 779,002.95	07/22/17	08/01/17	\$ 779,002.95	09/13/17	\$ -	\$ -	\$ 4,459,313	\$ 3,680,310	
2	0198546	\$ 584,899.18	\$ -	\$ 584,899.18	07/29/17	09/01/17	\$ 584,899.18	10/19/17	\$ -	\$ -	\$ 4,459,313	\$ 3,095,411	
3	0198700	\$ 1,121,406.80	\$ -	\$ 1,121,406.80	09/02/17	09/13/17	\$ 1,223,802.48	12/01/17	\$ (102,395.68)	\$ -	\$ 4,459,313	\$ 1,974,004	Overpayment
4	0199609	\$ 793,901.99	\$ -	\$ 793,901.99	09/30/17	10/12/17	\$ 793,901.99	12/01/17	\$ -	\$ -	\$ 4,459,313	\$ 1,180,102	
5	0200609	\$ 625,638.08	\$ -	\$ 625,638.08	10/28/17	11/20/17	\$ 84,370.00	01/04/18	\$ (15,902.57)	\$ -	\$ 4,459,313	\$ 554,464	SA #1 advance
6	0201157	\$ 169,757.57	\$ -	\$ 169,757.57	12/02/17	12/14/17	\$ 169,757.57	02/06/18	\$ -	\$ 84,370	\$ 4,543,683	\$ 469,076	Includes SA #2 advance
7	0202063	\$ 208,538.53	\$ (108,184.29)	\$ 100,354.24	12/30/17	01/17/18	\$ 109,111.86	02/06/18	\$ 99,426.67	\$ -	\$ 4,543,683	\$ 260,538	
8	0203247	\$ 251,052.54	\$ (18,871.58)	\$ 232,180.96	01/27/18	02/28/18	\$ 232,180.96	05/07/18	\$ 18,871.58	\$ 511,136	\$ 5,054,819	\$ 520,621	
9	0204239	\$ 186,866.89	\$ -	\$ 186,866.89	03/03/18	04/04/18	\$ 186,886.89	05/31/18	\$ (20.00)	\$ 794,715	\$ 5,849,534	\$ 1,128,469	
10	0204783	\$ 160,493.71	\$ -	\$ 160,493.71	03/31/18	04/27/18	\$ 160,493.71	05/31/18	\$ -	\$ -	\$ 5,849,534	\$ 967,976	
11	0205630	\$ 170,895.07	\$ -	\$ 170,895.07	04/28/18	05/25/18	\$ 170,895.07	06/29/18	\$ -	\$ -	\$ 5,849,534	\$ 797,081	
12	0206535	\$ 101,526.44	\$ -	\$ 101,526.44	06/02/18	06/29/18	\$ 101,526.44	08/02/18	\$ -	\$ -	\$ 5,849,534	\$ 695,554	
13	0207145	\$ 195,584.42	\$ -	\$ 195,584.42	06/30/18	07/26/18	\$ 195,584.42	08/28/18	\$ -	\$ -	\$ 5,849,534	\$ 499,970	
14	0207850	\$ 78,672.48	\$ -	\$ 78,672.48	07/28/18	08/28/18	\$ 78,672.48	10/05/18	\$ -	\$ -	\$ 5,849,534	\$ 421,297	
15	0208441	\$ 56,243.39	\$ -	\$ 56,243.39	09/01/18	09/25/18	\$ 56,243.39	10/30/18	\$ -	\$ -	\$ 5,849,534	\$ 365,054	
16	0209405	\$ 48,565.03	\$ -	\$ 48,565.03	09/29/18	10/24/18	\$ 48,565.03	12/03/18	\$ -	\$ -	\$ 5,849,534	\$ 316,489	
17	0210099	\$ 68,526.52	\$ -	\$ 68,526.52	10/27/18	11/27/18	\$ 68,526.52	01/21/19	\$ -	\$ 277,582	\$ 6,127,116	\$ 525,544	
18	0210822	\$ 182,275.98	\$ -	\$ 182,275.98	12/01/18	12/20/18	\$ 182,275.98	01/30/19	\$ -	\$ -	\$ 6,127,116	\$ 343,268	
19	0211720	\$ 69,596.90	\$ (20.00)	\$ 69,576.90	12/29/18	01/24/19	\$ 69,576.90	03/14/19	\$ -	\$ -	\$ 6,127,116	\$ 273,672	
20	0212509	\$ 32,408.23	\$ -	\$ 32,408.23	01/26/19	02/26/19	\$ 32,408.23	04/16/19	\$ -	\$ -	\$ 6,127,116	\$ 241,263	
21	0213199	\$ 42,856.51	\$ -	\$ 42,856.51	03/02/19	03/27/19	\$ 42,856.51	05/02/19	\$ -	\$ -	\$ 6,127,116	\$ 198,407	
22	0213773	\$ 20,810.19	\$ -	\$ 20,810.19	03/30/19	04/22/19	\$ 20,810.19	05/30/19	\$ -	\$ -	\$ 6,127,116	\$ 177,597	
23	0214439	\$ 59,662.18	\$ -	\$ 59,662.18	04/27/19	05/16/19	\$ -		\$ 59,662.18	\$ -	\$ 6,127,116	\$ 117,934	
24	0215243	\$ 17,460.84	\$ -	\$ 17,460.84	06/01/19	06/20/19	\$ -		\$ 17,460.84	\$ -	\$ 6,127,116	\$ 100,474	
										\$ 6,026,642.42	\$ (127,075.87)	\$ 5,899,566.55	
										98%			
TOTALS										\$ 77,123.02	\$ 1,667,803	\$ 6,127,116	\$ 100,474
										97%			

Supplemental Agreement No. 5

Close and Transfer:

1. Close SUB-SUB01 ATI and transfer remaining amount of \$1,112.14 to SUB1A.
2. Close SUB-SUB02 Ciorba and transfer remaining amount of \$6,294.65 to SUB2A.
3. Close SUB-SUB03 Strand and transfer remaining amount of \$1,343.65 to SUB3A.
4. Close SUB-SUB04 Robinson and transfer remaining amount of \$66,759.80 - \$8,757.62 = \$58,002.18 to SUB4A.
5. Close SUB-SUB05 Knight and transfer \$25,307.60 to SUB5A and \$40,410.00 to 01A-PKG2A.

SA #5 Adjustment:

	Hours	Fee	New Limit	JTD	Remaining	ETC	Variance
1. SUB-SUB1A ATI: Add \$71,872 for new limit of \$172,374.	528	\$ 71,872	\$ 172,374	\$ 130,432	\$ 41,943	\$ 20,000	\$ 21,943
2. SUB-SUB2A Ciorba: Subtract \$13,651 for new limit of \$91,744.	-105	\$ (13,651)	\$ 91,744	\$ 66,452	\$ 25,292	\$ 17,500	\$ 7,792
3. SUB-SUB3A Strand: Add \$109,400 for new limit of \$212,744.	777	\$ 109,400	\$ 212,744	\$ 246,719	\$ (33,975)	\$ -	\$ (33,975)
4. SUB-SUB4A Robinson: Subtract \$46,498 for new limit of \$93,489.	-288	\$ (46,498)	\$ 93,489	\$ 60,303	\$ 33,186	\$ -	\$ 33,186
5. SUB-SUB5A Knight: Add \$0 for limit of \$96,408.	0	\$ -	\$ 96,408	\$ 166,893	\$ (70,485)	\$ 5,000	\$ (75,485)
6. Add \$152,890 to 01A-PKG2A	855	\$ 152,890	\$ 234,608	\$ 131,951	\$ 102,658	\$ 85,100	\$ 17,558
Add \$3,569 to EXP-EXPNS from \$8,850 to \$12,419	0	\$ 3,569	\$ 12,419	\$ 10,565	\$ 1,854	\$ 150	\$ 1,704
Total Supplemental Agreement No. 5	1,767	\$ 277,582			\$ 100,473	\$ 127,750	\$ (27,277)

Notes: 1. ETC amounts have been updated through October 2019.

2. ETC for Strand does not include Contract 12, which will be included with proposed Supplemental Agreement No. 6.



**LOCAL AGENCY COST PLUS FIXED FEE
INVOICE**

Date: 07/03/19 Invoice No. 16
Work Order No. 1

To: Morton Grove-Niles Water Commission
Village of Niles Village Hall
1000 Civic Center Drive
Niles, IL 60714
Attn:

From: Stanley Consultants, Inc.
Firm Address: 8501 W. Higgins Road
Suite 730
Chicago, IL 60631

Local Agency	<u>Morton Grove-Niles Water Commission</u>	Project		Consultant's Job Number 28218.01.00 - 0215291
Section	<u>Water Transmission Facilities Project</u>	County	<u>Cook</u>	
Job		Route		
Phase	<u>III</u>			

For Professional Services performed as set forth in the Agreement dated: _____
& Supplemental Agreement(s) dated: _____

1) Invoice Period	From: <u>04/28/19</u>		To: <u>06/01/19</u>	
	This Invoice	Previously Invoiced	Earned to Date	Max allowable
2) Maximum Payable				\$8,491,857.50
3) Direct Salaries - Office Work	\$19,710.10	\$241,056.58	\$260,766.68	\$710,684.38
4) Direct Salaries - Field Work	\$22,351.13	\$315,173.10	\$337,524.23	
5) Payroll & Overhead				
Office this invoice average	<u>156.1700%</u> <u>156.17%</u>	\$30,781.26	\$376,458.04	\$1,066,336.96
Field this invoice average	<u>145.6500%</u> <u>145.65%</u>	\$32,554.42	\$459,049.63	\$491,604.05
6) Fixed Fee = 5.7270%	\$16,616.73	\$225,934.55	\$242,551.28	\$290,147.13
7) Direct Costs Prime	\$7,777.80	\$147,124.88	\$154,902.68	\$199,119.38
8) Services by others				
Thomas	\$69,772.88	\$936,837.74	\$1,006,610.42	\$1,217,489.83
Ciorba	\$46,266.64	\$805,953.56	\$852,220.20	\$849,242.69
Strand	\$43,248.89	\$581,423.12	\$624,672.01	\$778,426.50
ATI	\$12,013.58	\$542,295.64	\$554,309.22	\$710,986.40
Robinson		\$673,529.26	\$673,529.26	\$1,044,871.73
Knight		\$823,164.22	\$623,164.22	\$623,164.23
Tecma	\$3,087.74	\$332,542.62	\$335,630.36	\$402,347.25
MSL	\$31,054.41	\$411,943.18	\$442,997.59	\$502,594.55
Morreales		\$96,389.13	\$96,389.13	\$96,446.48
9) Total invoiced for project including this invoice			<u>\$7,004,110.63</u>	
10) Previously Invoiced		<u>\$6,668,876.25</u>		
11) Payment Due this invoice		<u>\$335,235.38</u>		

I have reviewed the invoice and found it in compliance with "The Simple Guide To Consultant Payments" published on the Consultant Engineering Sharepoint site. The percent of work shown as completed on this invoice matches the attached Progress Report stated by the project engineer.

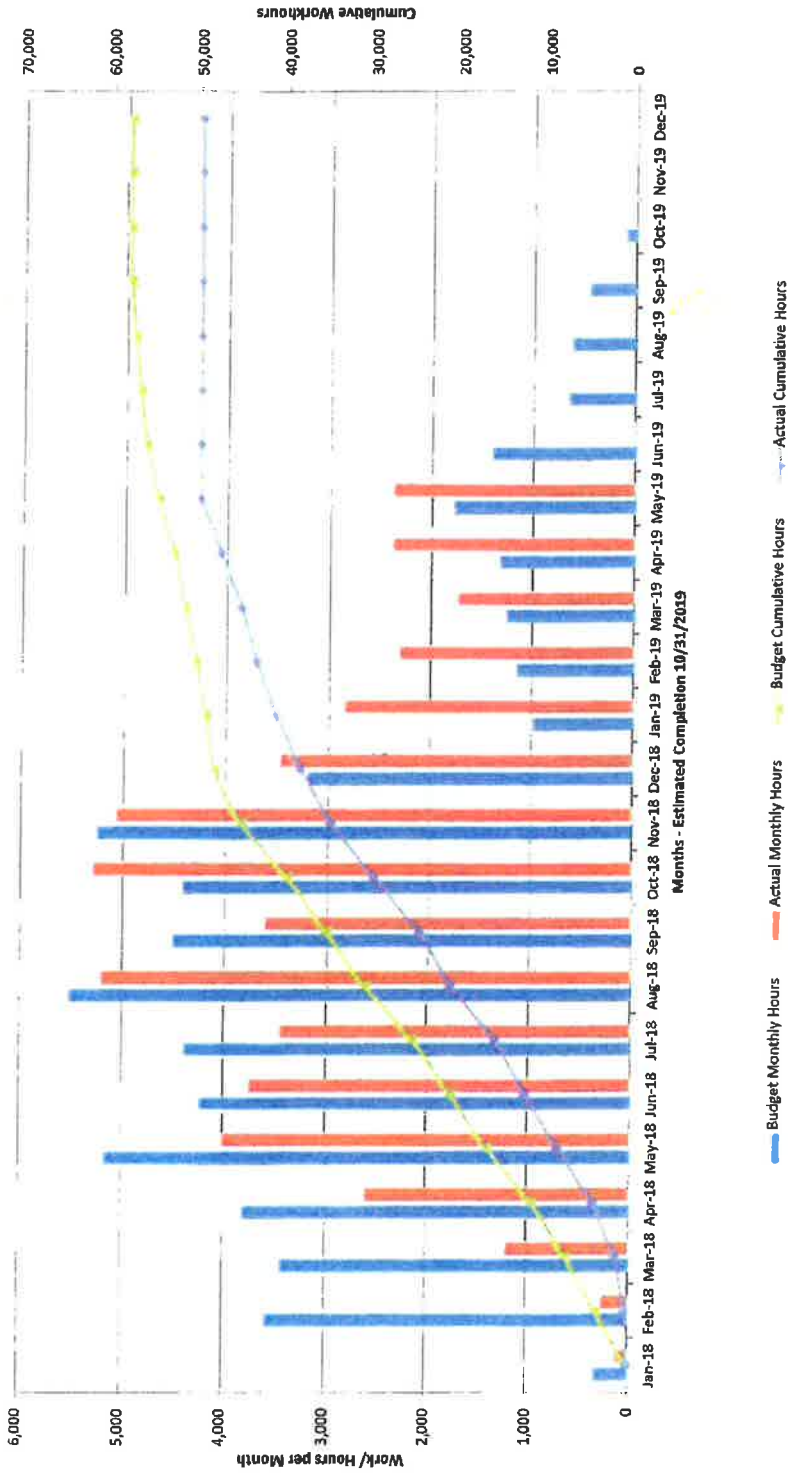
I certify the costs included in this invoice have been expended and the percent of work shown as completed on this invoice is correct. As the prime consultant, work invoices included in this invoice for work done by others were reviewed and approved.

Approved Local Agency Rep. _____ Date: _____
Accepted By: _____ Date: _____
Checked _____ Date: _____

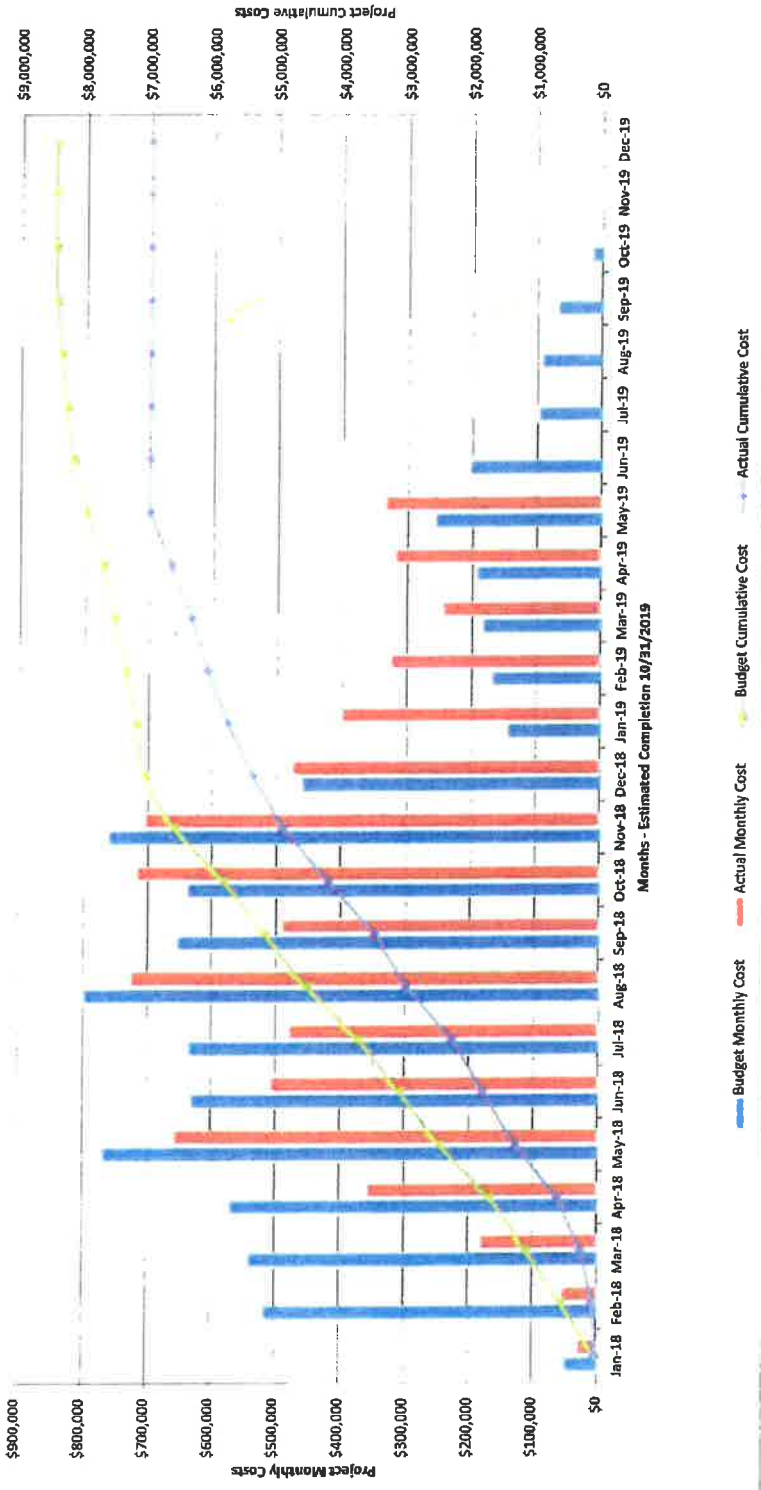
Consultant: Stanley Consultants, Inc.
By / Date: *Deanne E. Roman*
(Name) 7/5/19
(Title)

Distribution: 3 complete packages plus 3 copies of invoice form to Local Agency.

Morton Grove Niles Water Commission
 Water Transmission Facilities
 Stanley Consultants Project No. 28218



Morton Grove Niles Water Commission
 Water Transmission Facilities
 Stanley Consultants Project No. 28218



Months - Estimated Completion 10/31/2019



Engineering Progress Report

Local Agency Morton Grove-Niles Water Commission
 Section Water Transmission Facilities Project
 Job No. _____
 Project No. _____
 County Cook
 Route _____

Date July 3, 2019
 Month Ending June 1, 2019
 Invoice No. 16
 Work Order No. 1

Item	% Complete		% of Project	% of Project Complete	Date Due	Remarks
	Last Report	During This Period				
Stanley Consultants	77.8549%	5.7270%	26.6878%	22.3062%	09/01/19	
Total for Prime Consultant	20.7778%	1.5284%	26.6878%	22.3062%		
Subconsultants						
Thomas Engineering	76.9483%	5.7309%	14.3371%	11.8538%	09/01/19	
Ciorba Group	94.9018%	2.3605%	10.0007%	9.7269%	09/01/19	
Strand	74.6887%	5.5088%	9.1667%	7.3515%	09/01/19	
ATI	76.2756%	1.6906%	8.3726%	6.5278%	09/01/19	
Robinson	84.0000%	0.0000%	12.3044%	10.3357%	09/01/19	
Knight	100.0000%	0.0000%	7.3384%	7.3384%	09/01/19	
Tecma	82.6500%	0.7700%	4.7380%	3.9524%	09/01/19	
Material Solutions Laboratory	81.9633%	6.1788%	5.9185%	5.2167%	09/01/19	
Morreale Communication	100.0000%	0.0000%	1.1358%	1.1358%	09/01/19	
Total for Subconsultants	27.3695%	1.5627%	73.3122%	63.4390%		
Total Project	48.1473%	3.0911%	100.0000%	85.7452%		

(For Local Agency Use Only)

On Schedule

Behind Schedule

Comments (Use reverse side)

Signed _____
 (Project Manager/Engineer)

Submitted By Jared Hamilton

Representing Stanley Consultants, Inc.

For Subconsultant's Progress Report :

Approved By _____

Prime Consultant _____

Work this period : _____

Anticipated work next period : _____

Original and two copies to Local Agency
 Copy to Consultant's File



**Cost Plus Fixed Fee
Direct Cost Summary
for Period**

Firm Name Stanley Consultants, Inc.

From: 04/28/19 To: 06/01/19

Local Agency Morton Grove-Niles Water Commission

Invoice No. 16

Section Water Transmission Facilities Project

Job No. _____

Work Order No. 1

Project _____

County Cook

Item	Max Allowable Rate	Rate	Quantity	Total	Remarks
Overtime Premium (See Personnel Summary)				\$0.00	
Mileage		\$0.580	266.00	\$154.28	
Vehicle Days		\$65.00	40.00	\$2,600.00	
Color Copy		\$0.30	25.00	\$7.50	
B/W Copies		\$0.13	93.00	\$12.09	
Advanced Business Systems		\$133.75	1.00	\$133.75	
Advanced Business Systems		\$226.16	1.00	\$226.16	
Verizon		\$141.18	1.00	\$141.18	
Rent		\$4,000.00	1.00	\$4,000.00	
Sir Speedy / Door Hangers		\$116.12	1.00	\$116.12	
Comcast Cable		\$306.85	1.00	\$306.85	
Colby - Phone		\$68.66	1.00	\$68.66	
Colby - Postage		\$11.21	1.00	\$11.21	
Total for period				\$7,777.80	

Billing Backup

Tuesday, July 2, 2019

Stanley Consultants, Inc.

Invoice 0215291 Dated 6/29/2019

3:21:49 PM

Package CM1 Construction Management**Professional Personnel**

			Hours	Rate	Amount
BC-15					
09619	Hipps, Kirk	4/29/2019	2.00	59.52	119.04
09619	Hipps, Kirk	4/29/2019	4.00	59.52	238.08
09619	Hipps, Kirk	4/29/2019	2.00	59.52	119.04
09619	Hipps, Kirk	4/30/2019	5.00	59.52	297.60
09619	Hipps, Kirk	4/30/2019	3.00	59.52	178.56
09619	Hipps, Kirk	5/1/2019	3.00	59.52	178.56
09619	Hipps, Kirk	5/1/2019	4.00	59.52	238.08
09619	Hipps, Kirk	5/1/2019	1.00	59.52	59.52
09619	Hipps, Kirk	5/2/2019	1.00	59.52	59.52
09619	Hipps, Kirk	5/2/2019	4.00	59.52	238.08
09619	Hipps, Kirk	5/2/2019	3.00	59.52	178.56
09619	Hipps, Kirk	5/3/2019	4.00	59.52	238.08
09619	Hipps, Kirk	5/3/2019	4.00	59.52	238.08
09619	Hipps, Kirk	5/6/2019	2.00	59.52	119.04
09619	Hipps, Kirk	5/6/2019	6.00	59.52	357.12
09619	Hipps, Kirk	5/7/2019	5.00	59.52	297.60
09619	Hipps, Kirk	5/7/2019	3.00	59.52	178.56
09619	Hipps, Kirk	5/8/2019	3.00	59.52	178.56
09619	Hipps, Kirk	5/8/2019	5.00	59.52	297.60
09619	Hipps, Kirk	5/9/2019	7.00	59.52	416.64
09619	Hipps, Kirk	5/9/2019	2.00	59.52	119.04
09619	Hipps, Kirk	5/10/2019	2.00	59.52	119.04
09619	Hipps, Kirk	5/13/2019	5.00	59.52	297.60
09619	Hipps, Kirk	5/13/2019	3.00	59.52	178.56
09619	Hipps, Kirk	5/14/2019	4.00	59.52	238.08
09619	Hipps, Kirk	5/14/2019	4.00	59.52	238.08
09619	Hipps, Kirk	5/15/2019	4.00	59.52	238.08
09619	Hipps, Kirk	5/15/2019	6.00	59.52	357.12
09619	Hipps, Kirk	5/16/2019	3.00	59.52	178.56
09619	Hipps, Kirk	5/16/2019	6.00	59.52	357.12
09619	Hipps, Kirk	5/17/2019	5.00	59.52	297.60
09619	Hipps, Kirk	5/17/2019	3.00	59.52	178.56
09619	Hipps, Kirk	5/20/2019	5.00	59.52	297.60
09619	Hipps, Kirk	5/20/2019	4.00	59.52	238.08
09619	Hipps, Kirk	5/21/2019	6.00	59.52	357.12
09619	Hipps, Kirk	5/21/2019	4.00	59.52	238.08
09619	Hipps, Kirk	5/22/2019	4.00	59.52	238.08
09619	Hipps, Kirk	5/22/2019	5.00	59.52	297.60
09619	Hipps, Kirk	5/23/2019	5.00	59.52	297.60
09619	Hipps, Kirk	5/23/2019	4.00	59.52	238.08
09619	Hipps, Kirk	5/24/2019	3.00	59.52	178.56
09619	Hipps, Kirk	5/24/2019	5.00	59.52	297.60
09619	Hipps, Kirk	5/28/2019	4.00	59.52	238.08
09619	Hipps, Kirk	5/28/2019	5.00	59.52	297.60
09619	Hipps, Kirk	5/29/2019	3.00	59.52	178.56
09619	Hipps, Kirk	5/29/2019	2.00	59.52	119.04
09619	Hipps, Kirk	5/30/2019	2.00	59.52	119.04

Project	28218.01.00	MGNWC Construction Engineering			Invoice	0215291
09619	Hipps, Kirk	5/30/2019	8.00	59.52	476.16	
09619	Hipps, Kirk	5/31/2019	6.00	59.52	357.12	
09619	Hipps, Kirk	5/31/2019	2.00	59.52	119.04	
	BC-9					
08792	Bonham, Ryan Site Work	4/29/2019	10.00	38.03	380.26	
08792	Bonham, Ryan Site Work	4/30/2019	10.00	38.03	380.30	
08792	Bonham, Ryan Site Work	5/1/2019	9.50	38.03	361.29	
08792	Bonham, Ryan Site Work	5/2/2019	9.00	38.03	342.27	
08792	Bonham, Ryan Site Work	5/3/2019	9.50	38.03	361.29	
08792	Bonham, Ryan Site Work	5/4/2019	8.50	38.03	323.26	
08792	Bonham, Ryan Niles and Niles Distribution Pump Skid Instrument Spreadsheet	5/6/2019	6.00	38.03	228.18	
08792	Bonham, Ryan Site Work	5/7/2019	9.50	38.03	361.29	
08792	Bonham, Ryan Site Work	5/8/2019	9.50	38.03	361.29	
08792	Bonham, Ryan Site Work	5/9/2019	9.50	38.03	361.29	
08792	Bonham, Ryan Site Work	5/10/2019	9.00	38.03	342.27	
08792	Bonham, Ryan Site Work.	5/24/2019	4.00	38.03	152.12	
08792	Bonham, Ryan Site Work	5/28/2019	9.50	38.03	361.29	
08792	Bonham, Ryan Site Work	5/29/2019	9.50	38.03	361.29	
08792	Bonham, Ryan Site Work	5/30/2019	9.00	38.03	342.27	
08792	Bonham, Ryan Site Work	5/31/2019	9.50	38.03	361.29	
	BC-8					
03931	Jackson, Dwayne	4/29/2019	1.50	35.87	53.78	
03931	Jackson, Dwayne	5/2/2019	4.00	35.87	143.48	
03931	Jackson, Dwayne	5/6/2019	3.50	35.87	125.55	
03931	Jackson, Dwayne	5/8/2019	5.00	35.87	179.35	
03931	Jackson, Dwayne	5/10/2019	1.00	35.87	35.87	
03931	Jackson, Dwayne	5/14/2019	1.50	35.87	53.81	
03931	Jackson, Dwayne	5/20/2019	2.00	35.87	71.74	
03931	Jackson, Dwayne	5/21/2019	7.00	35.87	251.09	
03931	Jackson, Dwayne	5/22/2019	3.50	35.87	125.55	
03931	Jackson, Dwayne	5/23/2019	3.00	35.87	107.61	
03931	Jackson, Dwayne	5/24/2019	2.50	35.87	89.68	
03931	Jackson, Dwayne	5/29/2019	4.50	35.87	161.42	
	BC-7					
09277	Colby, Michael MWRD permit revision Contract 7	4/29/2019	1.00	31.59	31.59	
09277	Colby, Michael CNT 6 RPR	4/29/2019	2.50	31.59	78.89	

Project	28218.01.00	MGNWC Construction Engineering			Invoice	0215291
09277	Colby, Michael	4/30/2019	3.00	31.59	94.77	
	CNT 6 RPR					
09277	Colby, Michael	5/1/2019	3.00	31.59	94.77	
	CNT 6 RPR					
09277	Colby, Michael	5/1/2019	.50	31.59	15.80	
	Electrical drawing revision coordination					
09277	Colby, Michael	5/2/2019	4.50	31.59	142.16	
	CNT 6 RPR					
09277	Colby, Michael	5/3/2019	4.50	31.59	142.16	
	CNT 6 RPR					
09277	Colby, Michael	5/3/2019	1.50	31.59	47.39	
	Finalizing MWRD permit revision comment responses, shipping responses and revised permit application.					
09277	Colby, Michael	5/6/2019	2.50	31.59	78.98	
	CNT 6 RPR					
09277	Colby, Michael	5/7/2019	6.00	31.59	189.54	
	CNT 6 RPR					
09277	Colby, Michael	5/8/2019	3.50	31.59	110.57	
	CNT 6 RPR					
09277	Colby, Michael	5/9/2019	3.00	31.59	94.77	
	CNT 6 and 10 RPR					
09277	Colby, Michael	5/9/2019	1.50	31.59	47.39	
	CNT 7 RPR					
09277	Colby, Michael	5/10/2019	3.50	31.59	110.57	
	CNT 6 RPR					
09277	Colby, Michael	5/13/2019	1.50	31.59	47.39	
	CNT 7 RPR					
09277	Colby, Michael	5/13/2019	4.00	31.59	126.36	
	CNT 6 RPR					
09277	Colby, Michael	5/14/2019	8.00	31.59	252.72	
	CNT 6 RPR, change order review, preparation for segment testing.					
09277	Colby, Michael	5/14/2019	1.00	31.59	31.59	
	CNT 7 RPR					
09277	Colby, Michael	5/15/2019	10.00	31.59	315.90	
	Segment testing, CNT 6 RPR					
09277	Colby, Michael	5/16/2019	5.50	31.59	173.75	
	CNT 6 RPR					
09277	Colby, Michael	5/17/2019	8.00	31.59	252.72	
	CNT 6 and 10 RPR, CNT 10 flush and chlorinate and punchlist					
09277	Colby, Michael	5/18/2019	2.00	31.59	63.18	
	CNT 7 RPR					
09277	Colby, Michael	5/20/2019	4.50	31.59	142.16	
	CNT 6 and 10 RPR					
09277	Colby, Michael	5/21/2019	1.50	31.59	47.39	
	CNT 7 RPR					
09277	Colby, Michael	5/21/2019	7.00	31.59	221.13	
	CNT 6 and 10 RPR, CNT 10 final pay request					
09277	Colby, Michael	5/22/2019	.50	31.59	15.80	
	CNT 7 ITC					
09277	Colby, Michael	5/22/2019	2.50	31.59	78.98	
	CNT 6 and 10 RPR					
09277	Colby, Michael	5/23/2019	4.00	31.59	126.36	
	CNT 6 and 10 RPR RPR					

Project	28218.01.00	MGNWC Construction Engineering			Invoice	0215291
09277	Colby, Michael	5/24/2019	4.50	31.59	142.16	
	CNT 6 and 10 RPR					
09277	Colby, Michael	5/28/2019	5.00	31.59	157.95	
	CNT 6 and 10 RPR					
09277	Colby, Michael	5/29/2019	3.00	31.59	94.77	
	CNT 6 RPR					
09277	Colby, Michael	5/29/2019	.50	31.59	15.80	
	CNT 7 drawing revisions					
09277	Colby, Michael	5/30/2019	2.00	31.59	63.18	
	CNT 6 and 10 RPR					
09277	Colby, Michael	5/31/2019	.50	31.59	15.80	
	Finalize and ship MWRD permit revision response					
09277	Colby, Michael	5/31/2019	9.00	31.59	284.31	
	CNT 1 RPR, surge check valve installation T&M					
09277	Colby, Michael	5/31/2019	.50	31.59	15.80	
	CNT 6 RPR					
	Totals		501.00		22,351.13	
	Total Labor			2.4565 times	22,351.13	54,905.55
				Total this Package		\$54,905.55

Package	EXP	Expenses	
Deliverable	EXP01	Expenses	
Reimbursable Expenses			
Telephone			
EX 0122621	5/1/2019	Colby, Michael / 39624 Mobile/Cellular Phone	68.66
AP 4262228	5/10/2019	Comcast Cable	306.85
AP 4262470	5/21/2019	Verizon Wireless - V000255 / 563-506-5099 Hamilton Jared L	35.18
AP 4262470	5/21/2019	Verizon Wireless - V000255 / 563-506-5202 Hamilton Jared L	35.18
AP 4262470	5/21/2019	Verizon Wireless - V000255 / 563-506-5216 Hamilton Jared L	35.18
AP 4262470	5/21/2019	Verizon Wireless - V000255 / 563-506-5796 Hamilton Jared L	35.64
Reprographics			
AP 4262093	5/8/2019	Advanced Business Systems, Inc.	133.75
AP 4262094	5/8/2019	Advanced Business Systems, Inc.	226.16
Miscellaneous			
JE 1.19-18	5/27/2019	Distribute May 2019 Rent / May 2019 Rent	4,000.00
AP 4262730	5/29/2019	Sir Speedy / Door Hangers	116.12
Postage-Courier			
EX 0123113	5/31/2019	Colby, Michael / 41231 Postage	11.21
Car Reports			
JE 0000001	5/15/2019	Adam Lev - 27 Miles @ .58/per mile	15.66
JE 0000001	6/1/2019	Vehicle Days - 40 Days @ \$65/day	2,600.00
Expense Report Mileage			
EX 0122621	5/1/2019	Colby, Michael / 39624 Personal Car Mileage	71.92
EX 0123113	5/31/2019	Colby, Michael / 41231 Personal Car Mileage	66.70
	Total Reimbursables		7,758.21
			7,758.21

Unit Billing

Chicago B/W Copy	93.0 Copies @ 0.13	12.09	
Chicago Color Copy	25.0 Copies @ 0.30	7.50	
Total Units		19.59	19.59
Total this Deliverable			\$7,777.80
Total this Package			\$7,777.80

 Package PM1 Program Management

Professional Personnel

			Hours	Rate	Amount
BC-19					
08350	Hamilton, Jared	4/29/2019	8.00	78.37	626.96
08350	Hamilton, Jared	4/30/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/1/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/2/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/3/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/6/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/7/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/8/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/9/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/10/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/13/2019	7.00	78.37	548.59
08350	Hamilton, Jared	5/14/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/15/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/16/2019	9.00	78.37	705.33
08350	Hamilton, Jared	5/17/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/20/2019	7.00	78.37	548.59
08350	Hamilton, Jared	5/21/2019	9.00	78.37	705.33
08350	Hamilton, Jared	5/22/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/23/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/24/2019	8.00	78.37	626.96
08350	Hamilton, Jared	5/28/2019	10.00	78.37	783.70
08350	Hamilton, Jared	5/29/2019	10.00	78.37	783.70
08350	Hamilton, Jared	5/30/2019	10.00	78.37	783.70
08350	Hamilton, Jared	5/31/2019	6.00	78.37	470.22
BC-18					
06381	Zargar, Majid	4/29/2019	1.00	72.52	72.52
06381	Zargar, Majid	4/30/2019	1.00	72.52	72.52
06381	Zargar, Majid	5/6/2019	1.00	72.52	72.52
06381	Zargar, Majid	5/7/2019	1.00	72.52	72.52
06381	Zargar, Majid	5/8/2019	1.00	72.52	72.52
06381	Zargar, Majid	5/9/2019	1.00	72.52	72.52
06381	Zargar, Majid	5/14/2019	1.00	72.52	72.52
06381	Zargar, Majid	5/16/2019	1.00	72.52	72.52
06381	Zargar, Majid	5/20/2019	1.00	72.52	72.52
06381	Zargar, Majid	5/21/2019	2.00	72.52	145.04
06381	Zargar, Majid	5/22/2019	2.00	72.52	145.04
BC-13					
08235	Warren, Scott	4/29/2019	2.00	52.07	104.14
	Delete Radios - ITC019				
08235	Warren, Scott	5/10/2019	4.00	52.07	208.28
	SCADA radio reconfiguration for Morton Grove - Drawing updates				

Project	28218.01.00	MGNWC Construction Engineering			Invoice	0215291
08235	Warren, Scott	5/13/2019	4.00	52.07	208.28	
	ITC-022 SCADA radio reconfiguration for Morton Grove					
08235	Warren, Scott	5/14/2019	2.00	52.07	104.14	
	ITC-022 SCADA radio reconfiguration for Morton Grove					
08235	Warren, Scott	5/15/2019	1.00	52.07	52.07	
	SCADA radio reconfiguration for Morton Grove call					
08235	Warren, Scott	5/16/2019	1.00	52.07	52.07	
	Interview call					
BC-8						
09302	Stephens, Katherine	4/29/2019	3.00	35.38	106.14	
	project coordination email (asbuilts). PW setup / coordination.					
09302	Stephens, Katherine	5/1/2019	3.50	35.38	123.83	
	meeting agenda out. archive meeting agenda and notes and attendance to date.					
09302	Stephens, Katherine	5/2/2019	7.50	35.38	265.35	
	Meeting prep (asbuilts). meeting. meeting followups. Asbuilts realated coordination. asbuilts cad shared					
09302	Stephens, Katherine	5/3/2019	3.50	35.38	123.83	
	asbuilts review.					
09302	Stephens, Katherine	5/6/2019	6.00	35.38	212.28	
	asbuilts meeting with followup emails. high points meeting 1.					
09302	Stephens, Katherine	5/7/2019	5.50	35.38	194.59	
	high points meeting 2, followup emails.					
09302	Stephens, Katherine	5/8/2019	5.00	35.38	176.90	
	begin digitizing high points. emails re cnt 12. assessing potential people for fieldwork.					
09302	Stephens, Katherine	5/9/2019	5.00	35.38	176.90	
	spreadsheet of contract 1 to Jared. emailed Niles. begin spreadsheet other contracts.					
09302	Stephens, Katherine	5/13/2019	8.50	35.38	300.73	
	ASBUILTS, TESTING - mobilization coordination with Niles, Jared, Stanley people. ready for wednesday. Excel file updated and out internally for wednesday.					
	ASBUILT PLANS - review RE comments with Designers, call. and followup.					
09302	Stephens, Katherine	5/14/2019	4.00	35.38	141.52	
	ASBUILTS, TESTING - mobilizing with MSC and AL. coordination calls / final emails.					
09302	Stephens, Katherine	5/16/2019	3.00	35.38	106.14	
	assist AL with hydraulic calcs post field day. agenda out for meeting					
09302	Stephens, Katherine	5/17/2019	1.50	35.38	53.07	
	assist AL with hydraulic calcs post field work.					
09302	Stephens, Katherine	5/20/2019	.50	35.38	17.69	
	Checkin with Adam and asbuilts emails					
09302	Stephens, Katherine	5/24/2019	.50	35.38	17.69	
	msc project emails (contrat 12, asbuilts, etc)					
09302	Stephens, Katherine	5/28/2019	.50	35.38	17.69	
	Project emails (asbuilts)					
09302	Stephens, Katherine	5/29/2019	.50	35.38	17.69	
	Cx meeting agenda out / prepped for tomorrow					
09302	Stephens, Katherine	5/30/2019	3.00	35.38	106.14	
	CX meeting and followups					

TPB Professional Consulting

INVOICE

5823 Capulina Ave
Morton Grove, IL 60053
(847) 521-6366

INVOICE #	00625
INVOICE DATE	7/5/19
TERMS	Net 30

BILL TO:
Morton Grove Niles Water Commission

Hours	DESCRIPTION	Hourly Wage	AMOUNT
10.0	Website & Newsletter Management	\$45.00	\$450.00
		SUBTOTAL	\$450.00
			\$450.00
			PAY THIS AMOUNT

MAKE ALL CHECKS PAYABLE TO:
TPB Professional Consulting
5823 Capulina Ave
Morton Grove, IL 60053



VILLAGE OF SKOKIE

5127 OAKTON ST
SKOKIE, IL 60077

INVOICE

MGNWC
WILLIAM BALLING, MANAGING DIR.
1000 CIVIC CENTER DRIVE
NILES, IL 60714

Customer ID: 23112
Invoice Number: 0000053296
Service Date: 06/21/2019
Invoice Date: 06/21/2019
Due Date: 07/21/2019

Property Address:

Remaining Unapplied Credits: 0.00

Quantity	Description	Unit Price	Amount
1.00	MGN CONST OBSERV - SKOKIE	1,623.66	1,623.66
1.00	MGN CONST OBSERV - SKOKIE	5,772.65	5,772.65
1.00	MGN CONST OBSERV - SKOKIE	9,173.77	9,173.77

Total Invoice:	16,570.08
Credits Applied:	0.00
Payments Applied:	0.00
Invoice Balance:	16,570.08

Remit Payment to:
VILLAGE OF SKOKIE
5127 OAKTON ST
SKOKIE, IL 60077



INVOICE

Customer ID: 23112
Invoice Number: 0000053296
Service Date: 06/21/2019
Invoice Date: 06/21/2019
Due Date: 07/21/2019
Invoice Balance: 16,570.08

Property Address:

MGNWC
WILLIAM BALLING, MANAGING DIR.
1000 CIVIC CENTER DRIVE
NILES, IL 60714







Invoice

Please remit payment to:
P.O. Box 71368
Chicago, IL 60694-1368

TranSystems Corporation
www.transystems.com

If you have any questions, please call:
(847) 605-9600

Client:

Village of Skokie, IL
Attn: Erik Cook - Director of Engineering
Village of Skokie
5127 Oakton Street
Skokie, IL 60077

Reference:

Invoice Date: 3/22/2019
Project No: P401180014
Invoice No: INV-0003420133

Project Name: MGNWC Water Supply Transmission

For professional services rendered through March 15, 2019 for the above referenced project.

Staff Type	Name	Rate	Hours	Amount
Labor				
Administrative II	Robyn S. Markley	42.26	0.50	\$21.13
Civil Engineer 1	Yuriy Yatsyshyn	34.02	16.00	\$544.32
Total Labor			16.50	\$565.45
Overhead	126.88%			\$717.44
Fee				\$210.77
Total Professional Fees				\$1,493.66
Reimbursables				
Mileage - Company Vehicle				\$130.00
Total Reimbursables				\$130.00
Invoice Total				\$1,623.66

TranSystems Corporation

Louis G. Beugnet
Project Manager

Contract Amount	\$185,356.45
Previously Billed	\$150,509.37
Billing this Period	\$1,623.66
Contract Amount Remaining	\$33,223.42

TERMS: PAYABLE UPON RECEIPT

1 1/2% INTEREST CHARGE PER MONTH WILL BE ADDED TO ALL PAST DUE INVOICES OLDER THAN 45 DAYS IF INDICATED IN THE CONTRACT TERMS

TranSystems Corporation
Time Sheet History

Employee Labor Hours by Office with Project Prompt

Project: P401180014

Start Date: Dec 8, 2018 End Date: Mar 15, 2019

Project #	Office	Employee ID	Employee Name	PLC Cd	Hourly Amount	Pay Type	T/S Date	Charged Hours	Labor Cost	
P401180014	401	09878	Yuriy Yatsyshyn	EC1	34.02	R	12/14/18	16.00	544.32	
										16.00
		Total for 09878 - Yuriy Yatsyshyn							16.00	\$544.32
		10022	Robyn S. Markley	A2	42.26	R	12/14/18	0.50	21.13	
										0.50
		Total for 10022 - Robyn S. Markley							0.50	\$21.13
Total for Office 401								16.50	\$565.45	
Total Labor ETD								16.50	\$565.45	

Project No. P401180014
MGNWC Water Supply Transmission

Invoice #: 3420133
Date: 03/22/19

Company Vehicle Expense

<u>Employee</u>	<u>Week Ending Date</u>	<u>No. of Days</u>
Yatsyshyn, Yuriy	12/14/18	2.00
Yatsyshyn, Yuriy	12/21/18	-
Yatsyshyn, Yuriy	12/28/18	-
Yatsyshyn, Yuriy	01/04/19	-
Yatsyshyn, Yuriy	01/11/19	-
Yatsyshyn, Yuriy	01/18/19	-
Yatsyshyn, Yuriy	01/25/19	-
Yatsyshyn, Yuriy	02/01/19	-
Yatsyshyn, Yuriy	02/08/19	-
Yatsyshyn, Yuriy	02/15/19	-
Yatsyshyn, Yuriy	02/22/19	-
Yatsyshyn, Yuriy	03/01/19	-
Yatsyshyn, Yuriy	03/08/19	-
Yatsyshyn, Yuriy	03/15/19	-

Total Vehicle Days:

2.00

@ \$65.00/day = \$ 130.00





Invoice

Please remit payment to:
P. O. Box 71368
Chicago, IL 60694-1368

TranSystems Corporation
www.transystems.com

If you have any questions, please call:
(847) 605-9600

Client:

Village of Skokie, IL
Attn: Erik Cook - Director of Engineering
Village of Skokie
5127 Oakton Street
Skokie, IL 60077

Reference:

Invoice Date: 4/26/2019
Project No: P401180014
Invoice No: INV-0003433458

Project Name: MGNWC Water Supply Transmission

For professional services rendered through April 19, 2019 for the above referenced project.

Staff Type	Name	Rate	Hours	Amount
Labor				
Administrative II	Robyn S. Markley	42.26	0.50	\$21.13
Civil Engineer 1	Yuriy Yatsyshyn	34.02	13.00	\$442.26
	Yuriy Yatsyshyn	35.22	44.00	\$1,549.68
Total Labor			57.50	\$2,013.07
Overhead	126.88%			\$2,554.18
Fee				\$750.40
Total Professional Fees				\$5,317.65
Reimbursables				
Mileage - Company Vehicle				\$455.00
Total Reimbursables				\$455.00
Invoice Total				\$5,772.65

TranSystems Corporation

Louis G. Beugnet

Project Manager

Contract Amount	\$185,356.45
Previously Billed	\$152,133.03
Billing this Period	\$5,772.65
Contract Amount Remaining	\$27,450.77

TERMS: PAYABLE UPON RECEIPT

1 1/2% INTEREST CHARGE PER MONTH WILL BE ADDED TO ALL PAST DUE INVOICES OLDER THAN 45 DAYS IF INDICATED IN THE CONTRACT TERMS

4/26/19

TranSystems Corporation
Time Sheet History
Employee Labor Hours by Office with Project Prompt

Project: P401180014

Start Date: Mar 16, 2019 End Date: Apr 19, 2019

Project #	Office	Employee ID	Employee Name	PLC Cd	Hourly Amount	Pay Type	T/S Date	Charged Hours	Labor Cost	
P401180014	401	09878	Yuriy Yatsyshyn	EC1	34.02	R	3/22/19	2.00	68.04	
					34.02	R	4/5/19	11.00	374.22	
					35.22	R	4/12/19	12.00	422.64	
					35.22	R	4/19/19	32.00	1,127.04	
									57.00	\$1,991.94
	Total for 09878 - Yuriy Yatsyshyn								57.00	\$1,991.94
		10022	Robyn S. Markley	A2	42.26	R	3/22/19	0.50	21.13	
									0.50	\$21.13
	Total for 10022 - Robyn S. Markley								0.50	\$21.13
	Total for Office 401								57.50	\$2,013.07
Total Labor ITD								57.50	\$2,013.07	



Invoice

Please remit payment to:
P.O. Box 71368
Chicago, IL 60694-1368

TranSystems Corporation
www.transystems.com

If you have any questions, please call:
(847) 605-9600

Client: Village of Skokie, IL Attn: Erik Cook - Director of Engineering Village of Skokie 5127 Oakton Street Skokie, IL 60077	Reference: Invoice Date: 5/24/2019 Project No: P401180014 Invoice No: INV-0003444866
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Project Name: MGNWC Water Supply Transmission

For professional services rendered through May 17, 2019 for the above referenced project.

Staff Type	Name	Rate	Hours	Amount
Labor				
Administrative II	Robyn S. Markley	43.54	0.50	\$21.77
Civil Engineer 1	Yuriy Yatsyshyn	35.22	91.00	\$3,205.02
Total Labor			91.50	\$3,226.79
Overhead	126.88%			\$4,094.15
Fee				\$1,202.83
Total Professional Fees				\$8,523.77
Reimbursables				
Mileage - Company Vehicle				\$650.00
Total Reimbursables				\$650.00
Invoice Total				\$9,173.77

TranSystems Corporation

Louis G. Beugnet
Project Manager

Contract Amount	\$185,356.45
Previously Billed	\$157,905.68
Billing this Period	\$9,173.77
Contract Amount Remaining	\$18,277.00

TERMS: PAYABLE UPON RECEIPT

1 1/2% INTEREST CHARGE PER MONTH WILL BE ADDED TO ALL PAST DUE INVOICES OLDER THAN 45 DAYS IF INDICATED IN THE CONTRACT TERMS

5/23/19

**TranSystems Corporation
Time Sheet History**

Employee Labor Hours by Office with Project Prompt

Project: P401180014

Start Date: Apr 20, 2019 End Date: May 17, 2019

Project #	Office	Employee ID	Employee Name	PLC Cd	Hourly Amount	Pay Type	T/S Date	Charged Hours	Labor Cost		
P401180014	401	09878	Yuriy Yatsyshyn	EC1	35.22	R	4/26/19	35.00	1,232.70		
					35.22	R	5/3/19	27.00	950.94		
					35.22	R	5/10/19	5.00	176.10		
					35.22	R	5/17/19	24.00	845.28		
										91.00	\$3,205.02
		Total for 09878 - Yuriy Yatsyshyn								91.00	\$3,205.02
		10022	Robyn S. Markley	A2	43.54	R	4/26/19	0.50	21.77		
										0.50	\$21.77
		Total for 10022 - Robyn S. Markley								0.50	\$21.77
		Total for Office 401								91.50	\$3,226.79
Total Labor ITD								91.50	\$3,226.79		

Project No. P401180014
MGNWC Water Supply Transmission

Invoice #: 3444866
Date: 05/24/19

Company Vehicle Expense

<u>Employee</u>	<u>Week Ending Date</u>	<u>No. of Days</u>
Yatsyshyn, Yuriy	04/26/19	4.50
Yatsyshyn, Yuriy	05/03/19	3.00
Yatsyshyn, Yuriy	05/10/19	0.50
Yatsyshyn, Yuriy	05/17/19	2.00
Total Vehicle Days:		<u>10.00</u>
	@ \$65.00/day =	<u>\$ 650.00</u>





412 S. Prindle Avenue
Arlington Heights, IL 60004
www.wrblc.com

Phone: 847-398-8399
Fax: 847-394-4456
E-mail: bill@wrblc.com

INVOICE 019-014
June, 2019 Services

July 8, 2019

Mr. Steven Vinezeano, Chairman
Morton Grove-Niles Water Commission
c/o Village of Niles
1000 Civic Center Drive
Niles, Illinois 60714

Re Professional Services, Lake Michigan Water Supply Project June, 2019

KEY: Scope of Services and Codes (Resolution 17-18)

- A. Governmental Approvals
- B. MGNWC General Administration
- C. Project Financing and finance matters
- D. Project Engineering
- E. Remediation, 7900 Nagle and 2525 Church
- F. Project Bidding/ operations
- G. Construction Activities/Permits

June 3-7, 2019 22.5 hours

IT/SCADA Consultant discussion regarding annual maintenance and service, Capillo residence landscaping landscape meeting, Deputy Clerk engagement letter and pre-launch; Scott EWarren discussion re IT maintenance; Purchase manual modifications : contractor meetings; Berger meeting re Grove street; John Pietron meeting re Park Ridge service; Contract 1 IT maintenance for 5-7 years in place; 1.5 days in Galena ILCMA

- A
- B 12
- C
- D. 7.5
- E.
- F. 3
- G.

June 10-14,2019 36.5 hours

Website reformatting re Kathy initiative; reservoir antenna rental option; IEPA loan processing; Additional Central Park landscape settlement (Frederickson); Kelly directed to invoice members for July payment; Vertical structures contract status meetings; MGN Managers meeting, field tour re Skokie restoration; Dave Stoneback discussion re August 7 plant tour; research security standards from AWWA re pump stations; commissioning meeting; Evening hydrant water access in Skokie for sod and use of blue hydrants.

- A.
- B. 10.5
- C.
- D.5
- E.
- F. 7
- G 14

June 17-21 ,2019 30.0 hours

Brian B call re in place service program in contractor bid; Kathy Thake work plan development; bank balance review; Lyons landscape contractor complaint and site visit; Sharon Boda on board; Contract meeting re underground facilities; Contract 12 review with contractor Morton Grove Staff; Arbitration issue with Bergen Skokie saddle issue;Dorner invoicing from Morton Grove; Benet McCormich berm issue;Jake departure

- A .
- B. 11
- C.5
- D. 10
- E.
- F.4
- G.

June 24-28 ,2019 32.5 hours

Kathy Thake meeting re Admin services and engagement issues; B Braimeier follow up on proposal; Joe Gilmore and Wayne Park ridge supply meeting discussion; J. Pietron issues regarding 5/3-questions he has; Construct #1 meeting schedule sequencing; construct issues in Evanston continuing-work out plan; MGN Managers briefing; MGNWC June meeting; Resident issues re parking on Suffield;

- A.
- B.9**
- C. 3
- D.
- E.
- F.10
- G.10.5

Total hours for the month: hours

121.5 hours x \$185 = \$ 22,477.50

12% overhead = \$ 2,697.30

Total: \$ 25,174.80

Please Pay this amount: \$ 25,174.80. Thank you

MGNWC
ANNUAL OPERATING FUND ACCOUNT

**CEDAR SIDE
INVESTMENTS LLC**

Invoice

**Date: 6/30/2019
STATEMENT # 2019-002**

**BILL TO Morton Grove Niles
Water Commission
1000 Civic Center Dr.
Niles, Illinois 60714**

Customer ID MGNWC

Date	Description	Hours (\$40/per hour)	Amount
6/2019	Excess Base Fee		200.00
6/24/2019	Agenda & Packet Preparation / Distribution for June 27 Meeting	0.75	30.00
6/28/2019	Draft June 27, 2019 Minutes	0.50	20.00

Current	1-30 Days Past Due	31-60 Days Past Due	61-90 Days Past Due	Over 90 Days Past Due	Amount Due
\$250.00					\$250.00

Remittance	
Statement #	2019-002
Date	7/30/2019
Amount Due	\$250.00
Amount Enclosed	

Make all checks payable to Cedar Side Investments LLC

Thank you for your business!



Public Works Agency

555 Lincoln Street
Evanston, Illinois 60201

847.448.8198

847.475.8851

www.cityofevanston.org

July 11, 2019

Mr. William Balling
Superintendent
Morton Grove Niles Water Commission
C/O Village of Niles
1000 Civic Center Drive
Niles, Illinois 60714

Dear Mr. Balling,

Evanston has calculated the MGNWC water rate for Service Year 2019 based on Evanston audited information for Fiscal Year 2017.

The monthly Fair Value Return on Rate Base Charge is:	\$67,522.00
The monthly Deprecation Charge is:	\$8,913.00
The Estimated Quantity Charge is:	\$0.39339 / 1,000 gallons

The Fair Value Return on Rate Base Charge and the Deprecation Charge were readily calculated based on Evanston Utility Components and IDNR allocations. The Estimated Quantity Charge was difficult to calculate because it should be determined on the actual water usage and operating costs from 2017. Because water supply to the MGNWC from Evanston is capped for a portion of service year 2019, using the actual water supplied to Morton Grove and Niles from Chicago during 2017 would be a gross misrepresentation in calculating the estimated quantity charge. Therefore, Evanston used the anticipated water supply to MGNWC during 2019 as the estimated MGNWC water usage to determine quantity rate as shown on the enclosed Estimated 2019 MGNWC Usage Calculation Sheet.

Evanston estimated the 2019 MGNWC water usage based on MGNWC taking 4,000,000 gallons of water per day from January 1, 2019 through August 1, 2019 and 6,520,000 gallons of water per day from August 2, 2019 through December 31, 2019.

Based on this estimated quantity of water, the equivalent rate for all of the components of the water rate is \$0.89 / 1,000 gallons. The major factor increasing the Service Year 2019 calculated equivalent rate is the lower than

July 11, 2019

Page 2

anticipated supply of water to the MGNWC during the first eight months of Service Year 2019.

Evanston is providing the MGNWC rate calculation for Service Year 2019 based on Evanston audited information for Fiscal Year 2017. This calculation and backup documentation is similar to the example rate calculation provided in Exhibit B of the Water Supply Agreement.

The calculated MGNWC equivalent rate is higher than the Not-to-Exceed rate for Service Year 2019 as provided in section 4.07 of the Water Supply Agreement. Therefore, for Service Year 2019 Evanston will not be billing MGNWC 1/12 of the calculated Fair Value Return on Rate Charge and 1/12 of the calculated Depreciation Charge along with an Estimated Quantity Rate Charge. Instead, all monthly water bills during Service Year 2019 will be based solely on the Not-to-Exceed rate of \$0.81 / 1,000 gallons supplied.

Evanston did not prepare a calculation of the MGNWC rate for Service Year 2018. As indicated above, the calculated equivalent rate is highly depended on the amount of water supplied. Since so little water was supplied in 2018 the calculated equivalent rate would be extremely high compared to the Not-to-Exceed rate for service year 2018 as provided in section 4.07 of the Water Supply Agreement. Therefore, Evanston will bill for water supplied during Service Year 2018 at the Not-to-Exceed rate of \$0.78 / 1,000 gallons. This same rate will be used to charge for water supplied during construction as indicated in section 4.05 of the water supply agreement.

Evanston suggests that a meeting be scheduled to review this calculation after you have had to opportunity to review.

Sincerely,



David D. Stoneback
Public Works Agency Director

Enclosures:

- Estimated 2019 MGNWC Usage Calculation Sheet
- MGNWC Rate Calculation for SY 2019 based on 2017 Audited Information with backup documentation
 - o Tables 1, 2, 3, and 4 dated 6/4/2019 of the Burns and McDonald report
 - o Lake Michigan IDNR Water Allocation Table
 - o Schedule of Fixed Plant Assets and Depreciation
 - o Schedule of Transmission Assets and Depreciation

July 11, 2019

Page 3

- 2017 Monthly Pumpage Report per Water and Sewer 2017 Annual Report
- Water Fund Schedule of Revenues, Expenses, and Changes in Net Position (page 122 of 2017 CAFR)
- Evanston Distribution System Calculation of Percent of System Allocated to MGNWC
- Sample monthly invoice based on calculated rate for reference
- Invoice for construction water delivered 12/10/18 to 12/26/18 at \$0.78 / 1,000 gallons
- Invoice for potable water delivered 12/27/2018 to 12/31/2018 at \$0.78 / 1,000 gallons
- Water Bill for water delivered in January 2019 at \$0.81 / 1,000 gallons
- Water Bill for water delivered in February 2019 at \$0.81 / 1,000 gallons
- Water Bill for water delivered in March 2019 at \$0.81 / 1,000 gallons
- Water Bill for water delivered in April 2019 at \$0.81 / 1,000 gallons
- Water Bill for water delivered in May 2019 at \$0.81 / 1,000 gallons
- Water Bill for water delivered in June 2019 at \$0.81 / 1,000 gallons

Cc: Darrell King, Water Production Bureau Chief

City of Evanston
Estimated 2019 MGNWC Usage Calculation

Capped Usage

1/1/2019		Start Date
8/1/2019		End Date
212	Days	
4,000	1000 gallons / day	Capped Daily Rate per Chicago Agreement
848,000	1000 gallons	Estimated Usage

Full Usage

8/2/2019		Start Date
12/31/2019		End Date
153	Days	
2,379,800	1000 gallons/yr	Anticipated ADD
6,520	1000 gallons / day	Estimated Average Daily Demand
997,560	1000 gallons	Estimated Usage

1,845,560 Total Estimated 2019

**MGNWC RATE CALCULATION FOR
SY 2019 based on 2017 CAFR data**

<u>RETURN ON RATE BASE CALCULATION:</u>	Multiplier		
<u>Water Treatment Plant Assets</u>			
Original Cost Less Depreciation	\$29,078,075	0.5	\$14,539,038
Reproduction Cost New Less Depreciation	\$87,502,347	0.5	\$43,751,174
Total Fair Value Rate Base			\$58,290,211
Percent allocable to MGNWC based on IDNR allocations			13.14%
Fair Value Rate Base of Plant Assets Allocated to MGNWC		<i>subtotal</i>	\$7,659,334
<u>Water Transmission System Assets - MGNWC Only (Group G)</u>			
Original Cost Less Depreciation	\$0	0.5	\$0
Reproduction Cost New Less Depreciation	\$0	0.5	\$0
Total Fair Value Rate Base			\$0
Percent allocable to MGNWC based on IDNR allocations			100.00%
Fair Value Rate Base of Transmission Assets Allocated to Skokie		<i>subtotal</i>	\$0
<u>Water Transmission System Assets - MGNWC & Skokie (Group H)</u>			
Original Cost Less Depreciation	\$108,935	0.5	\$54,468
Reproduction Cost New Less Depreciation	\$669,870	0.5	\$334,935
Total Fair Value Rate Base			\$389,403
Percent allocable to MGNWC based on IDNR allocations			44.52%
Fair Value Rate Base of Transmission Assets Allocated to MGNWC		<i>subtotal</i>	\$173,362
<u>Water Transmission System Assets - Evanston, MGNWC & Skokie (Group I)</u>			
Original Cost Less Depreciation	\$1,010,034	0.5	\$505,017
Reproduction Cost New Less Depreciation	\$3,646,291	0.5	\$1,823,146
Total Fair Value Rate Base			\$2,328,163
Percent allocable to MGNWC based on IDNR allocations			29.91%
Fair Value Rate Base of Transmission Assets Allocated to MGNWC		<i>subtotal</i>	\$696,353
Fair Value Rate Base Total All Assets Allocated to MGNWC		<i>TOTAL</i>	\$8,529,049
Fair Value Rate Base Annual Return			9.50%
Total Annual Fair Value Return on Rate Base Charge			\$ 810,260
Monthly Charge for Fair Value Return on Rate Base			\$ 67,522
<i>Equivalent Cost per 1,000 gallons for Fair Value Return on Rate Base:</i>	<i>\$0.43903</i>		

**MGNWC RATE CALCULATION FOR
SY 2019 based on 2017 CAFR data**

DEPRECIATION CALCULATION:

<u>Depreciation Expense Water Treatment Plant Assets</u>		\$780,662
Percent allocable to MGNWC based on IDNR allocations		13.14%
Amount of Annual Depreciation allocated to MGNWC	<i>subtotal</i>	\$102,579
 <u>Depreciation Expense Transmission Assets - MGNWC Only (Group G)</u>		\$0
Percent allocable to MGNWC based on IDNR allocations		100.00%
Amount of Annual Depreciation allocated to MGNWC	<i>subtotal</i>	\$0
 <u>Depreciation Expense Transmission Assets - MGNWC & Skokie (Group H)</u>		\$1,600
Percent allocable to MGNWC based on IDNR allocations		44.52%
Amount of Annual Depreciation allocated to MGNWC	<i>subtotal</i>	\$712
 <u>Depreciation Expense Transmission Assets - Evanston, MGNWC & Skokie (Group I)</u>		\$12,261
Percent allocable to MGNWC based on IDNR allocations		29.91%
Amount of Annual Depreciation allocated to MGNWC	<i>subtotal</i>	\$3,667
 Total Annual Depreciation Charge	<i>TOTAL</i>	\$106,959
Monthly Charge for Depreciation		\$8,913
<i>Equivalent Cost per 1,000 gallons for Depreciation Charge:</i>	<i>\$0.05795</i>	

**MGNWC RATE CALCULATION FOR
SY 2019 based on 2017 CAFR data**

QUANTITY CHARGE CALCULATION:

<u>Water Treatment Plant</u>		1000 Gallons	
Actual Usage in FY 2017	Northwest Water Commission		9,087,366
	MGNWC		1,845,560
	Evanston		2,891,174
	Skokie		2,816,778
		Total	<u>16,640,878</u>
Actual Expenses FY 2017	Administration		\$1,588,801
	Pumping		\$2,434,814
	Filtration		\$2,242,524
		Total	<u>\$6,266,139</u>
Water Treatment Quantity Rate = Total Plant Expenses / Total Pumpage (per 1,000 gal)		<i>subtotal</i>	\$0.37655
<u>Water Transmission System</u>			
Actual pumpage in FY 2017 (1000 gallons)	Evanston		2,891,174
	Skokie		2,816,778
	MGNWC		1,845,560
		Total	<u>7,553,512</u>
FY 2017 expenses	Distribution		\$2,354,563
	% allocated to MGNWC (Based on Inch-Feet)		5.40%
			\$127,215
Water Transmission Quantity Rate = Water Transmission Expenses / Total Pumpage (per 1,000 gal)		<i>subtotal</i>	\$0.01684
Estimated Quantity Charge =		<i>TOTAL</i>	Rate \$0.39339
Cost per 1,000 gallons for Fair Value Return on Rate Base			\$0.44
Cost per 1,000 gallons for Depreciation Charge			\$0.06
Estimated cost per 1,000 gallons for Quantity Charge			\$0.39
Total Equivalent Rate per 1,000 gallons (2017)			<u>\$0.89</u>

TABLE 1
REPRODUCTION COST NEW LESS DEPRECIATION AS OF DECEMBER 31, 2017
CITY OF EVANSTON
Task 5

Location	Date Acquired	Disp Date	Old Asset#	Asset #	Description	Asset Cost (\$)	RCN Jan. 1, 1990 or year acq [1]	Indices [2]	Index # 1990 or year acq after	Index # Dec 31, 2017	Trend Factor [3]	RCN Dec 31, 2017 (\$)	Iowa Survivor Curve [4] (%)	Depreciation [5] (\$)	RCNLD (\$)
PUMPING	3/1/1975		17	47	'15LOW LIFT PUMP ROOM W/B	26,477	336,960	8	264	638	2,417	814,320	0.61	348,800	465,520
PUMPING	1/1/1951	12/30/2013	18	49	HOT WATER CIRC PUMP	0	0	0	0	0	0.000	0	0.00	0	0
PUMPING	1/1/1951	12/30/2013	22	54	BOOSTER PMP-HYDRO-PNEUMAT	0	0	0	0	0	0.000	0	0.00	0	0
PUMPING	1/1/1951	12/30/2013	24	55	VACUUM PRIMING SYS-ENGINE	0	0	0	0	0	0.000	0	0.00	0	0
PUMPING	1/1/1951	2/27/2007	25	57	VACUUM PRIMING SYS-ENGINE	0	0	0	0	0	0.000	0	0.00	0	0
PUMPING	1/1/1951		26	58	VACUUM PRIMING SYS ELEC DR	4,647	15,265	9	349	1135	3,252	49,644	0.74	49,644	0
PUMPING	1/1/1951		30	64	15 MGD HGH LFT SERV PMP 5	27,884	206,776	9	349	1135	3,252	672,466	0.74	530,062	142,405
PUMPING	1/1/1951		31	66	10 MGD HGH LFT SERV PMP 2	40,704	264,090	9	349	1135	3,252	856,860	0.74	822,052	36,808
PUMPING	1/1/1951		33	70	DISCHARGE HEADER	77,312	471,976	9	349	1135	3,252	1,534,936	0.74	1,209,891	325,045
PUMPING	7/1/1957		36	79	VACUUM PRIMING SYS ELEC DR	2,299	23,731	9	349	1135	3,252	77,177	0.74	77,177	0
PUMPING	7/1/1957		37	82	VACUUM PRIMING SYS ELEC DR	2,628	21,094	9	349	1135	3,252	66,601	0.74	66,601	0
PUMPING	7/1/1957		38	85	NORSHORE HEADR PMP DISCHG	5,204	23,969	8	264	638	2,417	57,683	0.74	41,057	16,626
PUMPING	7/1/1958	12/30/2013	40	87	SMP PMP HGH LFT PMPING ST	0	0	0	0	0	0.000	0	0.00	0	0
PUMPING	7/1/1961		42	91	DISCHARGE HEADER	42,082	169,861	9	349	1135	3,252	552,413	0.72	367,192	185,221
PUMPING	7/1/1962		43	93	25 MGD HGH LFT SERV PMP 9	59,874	351,518	9	349	1135	3,252	1,143,189	0.72	820,302	322,887
PUMPING	7/1/1962		44	96	25 MGD HGH LFT SERV PMP 8	59,874	351,518	8	264	638	2,417	849,502	0.72	609,565	239,937
PUMPING	3/1/1964	12/30/2013	49	109	HOT WATER TANK & PIPING	0	0	0	0	0	0.000	0	0.00	0	0
PUMPING	7/1/1965		52	115	E-W HEADER PMP DISCHARGE	34,152	169,306	9	349	1135	3,252	550,608	0.70	340,082	210,527
PUMPING	7/1/1968	2/27/2006	54	118	25 MGD LOW LFT SERV PMP 7	0	0	0	0	0	0.000	0	0.00	0	0
PUMPING	3/1/1972	2/27/2006	58	126	20 MGD H LFT SERV PMP 7	0	0	0	0	0	0.000	0	0.00	0	0
PUMPING	3/1/1975	2/27/2006	59	129	BATTERY CHARGER	0	0	0	0	0	0.000	0	0.00	0	0
PUMPING	7/1/1975	2/27/2006	60	133	BATTERY CHARGR POWR TMG LT	0	0	0	0	0	0.000	0	0.00	0	0
PUMPING	3/1/1976		61	136	15 MGD LOW LFT SERV PMP 4	21,234	214,547	9	349	1135	3,252	697,739	0.59	415,084	282,655
PUMPING	3/1/1976		62	139	15 MGD LOW LFT SERV PMP 5	29,685	207,608	9	349	1135	3,252	675,172	0.59	401,659	273,513
PUMPING	3/1/1976		63	142	15 MGD LOW LFT SERV PMP 6	30,178	210,384	8	264	638	2,417	508,428	0.59	302,463	205,965
PUMPING	7/1/1976		65	146	LOW LFT PMPG STAT WCR&HT	227,121	1,190,359	8	264	638	2,417	2,876,701	0.59	1,193,631	1,682,870
PUMPING	1/1/1980	12/31/2015	66	149	SUMP PUMP	0	0	0	0	0	0.000	0	0.00	0	0
PUMPING	3/1/1981	2/27/2005	67	151	HL STA CALCIUM BATTERY	0	0	0	0	0	0.000	0	0.00	0	0
PUMPING	3/1/1981		68	153	LOW LFT HGH VOLT MOTR STR	15,000	20,816	8	264	638	2,417	50,305	0.77	36,522	11,783
PUMPING	1/1/1982		69	156	CLEANOMATIC PARTS CLNR P	808	1,016	8	264	638	2,417	2,455	0.75	1,852	603
PUMPING	12/31/1982		71	160	UPGRADE ELEC SYS LOW LIFT	80,743	106,820	9	349	1135	3,252	347,395	0.69	239,880	107,514
PUMPING	12/31/1983		72	162	UPGRAD ELEC SYS HIGH LIFT	80,743	106,820	9	349	1135	3,252	347,395	0.69	239,880	107,514
PUMPING	12/31/1984		73	165	2.30 MGD LL PUMP	572,613	718,407	9	349	1135	3,252	2,336,367	0.68	1,579,756	756,611
PUMPING	12/31/1984		74	167	PUMP 7 LOW LFT VIB ISOL	2,502	3,082	9	349	1135	3,252	10,023	0.57	5,716	4,307
PUMPING	3/1/1985		76	170	EAST OVRHD DR PMPING	6,493	7,376	9	349	1135	3,252	23,988	0.78	18,178	5,269
PUMPING	3/1/1985		77	173	36IN BUTTERFLY 4WAY VALVE	10,500	12,660	9	349	1135	3,252	41,172	0.67	27,432	13,741
PUMPING	2/28/1986		78	175	PLANT AUTO. CSTS CONT B82	299,764	332,445	16	299	751	2,512	835,004	0.65	543,507	291,497
PUMPING	12/31/1986		80	179	PT AUTO. CSTS CONT B-82	45,372	50,318	16	299	751	2,512	126,384	0.64	80,925	45,459
PUMPING	3/1/1987		82	182	18IN BALL VALV HGH LIFT 7	9,781	11,467	9	349	1135	3,252	37,282	0.64	23,879	13,414
PUMPING	3/1/1987		83	185	REFURB PMPG STATION CRANE	16,036	17,234	8	264	638	2,417	41,649	0.76	31,579	10,069
PUMPING	3/1/1984		84	188	1894 LL SUCTION WELLS	23,518	520,603	8	264	638	2,417	1,258,124	0.74	736,791	521,333

[1] From Valuation of Evanston Water Works 12/31/1989 Provided by Alvord, Burdick & Howson

[2] Indices:

- HWI = Handy-Whitman Index, Cost Trends of Water Utility Construction, North Central Region
- HWI-8 = Pumping Plant - Structures & Improvements
- HWI-9 = Pumping Plant - Electric Pumping Equipment
- HWI-15 = Water Treatment Plant - Structures & Improvements
- HWI-16 = Water Treatment Plant - Large Treatment Plant Equipment
- ENRCCI = Engineering News Record Construction Cost Index - 20 City

[3] Trend factor calculated using indices at respective years

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TABLE 1
REPRODUCTION COST NEW LESS DEPRECIATION AS OF DECEMBER 31, 2017
CITY OF EVANSTON
Task 5

Location	Date Acquired	Disp Date	Old Asset#	Asset #	Description	Asset Cost (\$)	RCN Jan. 1, 1990 on year acq [1] (\$)	Indices [2]	Index # Jan. 1, 1990 on year acq after	Index # Dec 31, 2017	Trend Factor [3]	RCN Dec. 31, 2017 (\$)	Survivor Curve [4] (%)	Depreciation [5] (\$)	RCNLD (\$)
PUMPING	7/1/1988		766	1039	REPLAC SEALS LL PUMP #8	9,056	10,162	9	349	1135	3,252	33,048	0.74	24,541	8,508
PUMPING	2/28/1989		777	1055	H L LOOP BALL VALVE 36IN	31,243	31,615	9	349	1135	3,252	102,817	0.61	62,977	39,840
PUMPING	12/31/1989	12/30/2013	782	1061	HIGH LIFT PMP STA ROOF	0	0	0	0	0	0,000	0	0.00	0	0
PUMPING	12/31/1989	12/30/2013	786	1069	SEWAGE EJECTOR	0	0	0	0	0	0,000	0	0.00	0	0
PUMPING	12/31/1989		804	1101	SUCTION WELL COMB STARTERS	1,101	1,084	8	264	638	2,417	2,620	0.79	2,063	557
PUMPING	8/31/1989		805	1103	FLAMMABLE LIQ STOR CABINET	579	566	ENRCCI	4680	10789	2,305	1,351	0.79	1,064	287
PUMPING	12/31/1982		808	1108	HPS LITES GAR 3/HELIPORT	2,625	3,300	8	264	638	2,417	7,975	0.74	5,922	2,053
PUMPING	12/31/1984		810	1110	WEST LOW LIFT ALUM DOORS	3,135	3,658	8	264	638	2,417	8,840	0.78	6,898	1,942
PUMPING	12/31/1986	2/27/2006	811	1112	N 7 LL SUCTION PIPING MOD	0	0	0	0	0	0,000	0	0.00	0	0
PUMPING	12/31/1984	12/30/2013	812	1114	COND RECEIVER LEVEL CONTR	0	0	0	0	0	0,000	0	0.00	0	0
PUMPING	12/31/1987	2/27/2007	813	1116	BOILER COND LEVEL CONTROL	0	0	0	0	0	0,000	0	0.00	0	0
PUMPING	2/28/1990		823	1128	WINDOW FRAME REPLACEMENT	7,850	7,850	8	264	638	2,417	18,971	0.79	14,937	4,034
PUMPING	12/31/1991		872	1211	A91 ELECT SUBSTAT/SWGR	692,235	692,235	9	368	1135	3,084	2,135,020	0.56	1,203,908	931,112
PUMPING	6/25/1991		873	1213	250 KW GENERATOR HOOK-UP	8,045	8,045	9	368	1135	3,084	24,813	0.77	19,184	5,629
PUMPING	12/31/1991		874	1215	5KV CABLE REPLACEMENT	9,458	9,458	9	368	1135	3,084	29,171	0.76	22,118	7,053
PUMPING	12/31/1991		875	1217	6IN PLANT SERV RPZ	5,748	5,748	9	368	1135	3,084	17,727	0.76	13,441	4,286
PUMPING	1/1/1992		887	1239	HL SKV MTR STR CNTR	125,287	163,837	8	349	1135	3,252	532,822	0.70	372,851	159,971
PUMPING	6/3/1992		894	1253	MECHANICAL SEALS-PMP#9LL	9,156	9,156	8	281	638	2,270	20,787	0.76	15,762	5,026
PUMPING	12/31/1992		895	1255	A90 HL PUMP 3	269,648	269,648	9	386	1135	2,940	792,877	0.55	436,781	356,095
PUMPING	12/31/1992		896	1257	A90 2 HL SV F-32,F-33	130,550	130,550	9	386	1135	2,940	383,871	0.55	211,468	172,404
PUMPING	8/5/1992		913	1291	7 MOTOR PROTECT IQ1000	17,646	17,646	8	281	638	2,270	40,065	0.74	29,751	10,314
PUMPING	1/1/1991		924	1310	HL PMP STA W/CRANE & HOIST	654,728	4,710,404	8	264	638	2,417	11,383,477	0.74	7,626,930	3,756,547
PUMPING	7/21/1993		932	1326	IQ1000 MOTOR PROTECT	6,200	6,200	8	295	638	2,163	13,409	0.81	10,914	2,495
PUMPING	12/31/1993		933	1328	HEAT EXCH 6 HL AFT COOLER	12,891	12,891	9	428	1135	2,652	34,026	0.81	27,695	6,332
PUMPING	12/12/1995		987	1424	LL HOIST MODIF	9,471	9,471	8	312	638	2,045	19,367	0.41	7,928	11,438
PUMPING	12/15/1995		988	1426	20 KVA X-FORMER LL BASE	1,780	1,780	9	450	1135	2,522	4,490	0.41	1,838	2,652
PUMPING	9/25/1995		989	1428	YEOMAN SUMP PUMP HL BSMT	2,288	2,288	8	312	638	2,045	4,679	0.78	3,651	1,028
PUMPING	12/31/1995		991	1432	LL6 NAT GAS ENGINE	66,243	66,243	9	450	1135	2,522	167,079	0.62	103,293	63,786
PUMPING	12/31/1995		992	1434	HI-PRESS GAS PIPING	6,939	6,939	8	312	638	2,045	14,189	0.69	9,798	4,391
PUMPING	2/27/1997		1032	1505	#7 H.L. ENGINE REBUILD	49,779	49,779	9	489	1135	2,321	115,540	0.76	88,044	27,496
PUMPING	3/31/1996	12/31/2015	1033	1506	H.L. WINDOWS	0	0	0	0	0	0,000	0	0.00	0	0
PUMPING	10/1/1996		1034	1507	H.L.#3 VOLT. CTRL	23,970	23,970	9	473	1135	2,400	57,518	0.76	43,830	13,688
PUMPING	6/10/1997		1046	1519	DEHUMIDIFIER - LL & HL BASE.	96,188	96,188	9	489	1135	2,321	223,259	0.76	170,129	53,130
PUMPING	2/28/1998		1051	1524	#2 H.L. ENGINE INSTALL	147,540	147,540	9	505	1135	2,248	331,600	0.65	215,840	115,760
PUMPING	11/24/1998	12/30/2013	1066	1539	PMP SHOP WINDOW MODIF.	0	0	0	0	0	0,000	0	0.00	0	0
PUMPING	2/28/1999		1067	1540	#5 LL ENGINE INSTALL	77,069	77,069	9	530	1135	2,142	165,043	0.63	103,882	61,162
PUMPING	2/28/1999		1068	1541	#7 LL ENGINE INSTALL	157,172	157,172	9	530	1135	2,142	336,586	0.63	211,854	124,732
PUMPING	7/26/1999		1079	1552	PERIMETER FENCE S.E. SECTION	3,287	3,287	8	351	638	1,818	5,975	0.81	4,864	1,112
PUMPING	2/29/2000	12/30/2013	1080	1553	CONTROL RM HEAT/AC	0	0	0	0	0	0,000	0	0.00	0	0
PUMPING	12/31/1986		1085	1557	REMAINING ASSET #81 PMPING (HL	932,610	1,060,493	9	349	1135	3,252	3,448,881	0.64	2,208,351	1,240,530
PUMPING	2/15/2000		1086	1558	NEW ENGINE HL#6 (ASSET#81)	241,903	241,903	9	531	1135	2,137	517,062	0.81	420,848	96,215

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PUMPING	7/10/2001		1110	1582	HL#9	7,530	7,530	9	516	1135	2,200	16,564	0.77	12,746	3,818
PUMPING	12/18/2001		1111	1583	HL#3 CONV TO DUAL DR	321,081	321,081	9	516	1135	2,200	706,254	0.56	393,686	312,569
PUMPING	11/12/2002		1125	9520	HL#4 PUMP & ENGINE REPLACEMENT	653,293	673,293	9	534	1135	2,125	1,431,062	0.29	408,255	1,022,808
PUMPING	12/14/2004			36396	STATION BATTERIES	24,015	24,015	9	604	1135	1,879	45,127	0.31	14,128	30,998
PUMPING	9/13/2005			38367	LOW LIFT # 4 ENGINE REPL	128,589	128,589	9	620	1135	1,831	235,400	0.44	104,021	131,380
PUMPING	1/31/2006			38375	HLIFT # 7 PUMP REPL	104,507	104,507	9	639	1135	1,776	185,626	0.19	35,113	150,513
PUMPING	11/28/2006			39239	LOW LIFT PUMP # 7	557,929	557,929	9	639	1135	1,776	991,000	0.18	177,717	813,283
PUMPING	3/1/2007			39642	LOW LIFT VACUUM PRIMING SYSTEM	36,175	36,175	9	640	1135	1,773	64,155	0.35	22,402	41,752
PUMPING	10/28/2008			40221	#4 HL REPLACEMENT MOTOR GE	36,765	36,765	9	679	1135	1,672	61,455	0.34	20,912	40,544
PUMPING	12/21/2010			41030	SOLAR PILOT PANELS	144,772	144,772	8	544	638	1,173	189,788	0.33	56,247	113,540
PUMPING	3/1/2010			41048	MASONRY PUMPING STATION	95,298	95,298	8	544	638	1,173	111,765	0.49	54,535	57,230
PUMPING	12/11/2012			42024	HL PUMP STA WINDOW REPLACEMENT	52,000	52,000	8	573	638	1,113	57,899	0.24	13,768	44,131
PUMPING	5/14/2013			42526	SWITCHGEAR	628,402	628,402	9	844	1135	1,345	845,067	0.24	200,946	644,121
PUMPING	9/30/2013			42518	SECURITY DOOR REPLACEMENT	24,840	24,840	8	581	638	1,098	27,277	0.19	5,160	22,117
PUMPING	12/31/2013			42500	ARC FLASH & ELECTRICAL STUDY	54,915	54,915	9	844	1135	1,345	73,849	0.38	27,729	46,120
PUMPING	3/31/2014			10098	INSRR LUBE STATION	22,455	22,455	9	900	1135	1,261	28,318	0.26	7,276	21,042
PUMPING	3/31/2014			10100	SECURITY IMPROVEMENTS BZPP	84,108	84,108	9	900	1135	1,261	106,070	0.38	39,827	66,243
PUMPING	5/28/2014			10104	SCADA SYSTEM	304,318	304,318	9	900	1135	1,261	383,778	0.26	98,609	285,170
PUMPING	8/17/2004			36425	480 VOLT SWITCHGEAR REPLACEMENT	74,102	74,102	9	604	1135	1,879	139,248	0.56	78,520	60,728
PUMPING	7/25/2011			41460	1997 ROOF SWITCHGEAR REPLACEMENT	83,500	83,500	8	557	638	1,145	95,643	0.29	27,285	68,358
PUMPING	1/19/2010			41005	WATER TREATMENT FACILITY ROOF	109,845	109,845	8	544	638	1,173	128,826	0.33	42,677	86,148
PUMPING	7/28/2015			10317	ROOF 1 and 31	148,373	148,373	8	616	638	1,036	153,672	0.06	9,220	144,452
PUMPING	6/30/2017			10613	HIGH LIFT INFLUENT VALVE VAULT-PLANT I	218,075	218,075	9	1135	1135	1,000	218,075	0.01	1,212	216,863
						9,563,474	18,110,948					44,715,866		26,721,241	17,994,626

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SOURCE	3/1/1969		1	9	1909 36IN CI PIPE INTAKE	44,888	1,001,886	ENRCCI	4680	10789	2,309,690	0.66	1,034,769	1,274,920
SOURCE	3/1/1969		2	13	1909 42IN CI PIPE INTAKE	56,452	1,291,123	ENRCCI	4680	10789	2,976,480	0.86	1,333,489	1,642,981
SOURCE	7/1/1957		3	14	48IN INTAKE BRANCH CONN	15,754	63,320	ENRCCI	4680	10789	145,974	0.74	81,022	64,952
SOURCE	7/1/1957		5	18	36IN INTAKE BRANCH	68,821	94,782	ENRCCI	4680	10789	218,505	0.74	121,280	97,225
SOURCE	7/1/1957		6	20	SOUTH SHORE SCREEN WELL	153,713	799,896	ENRCCI	4680	10789	1,844,034	0.74	1,312,518	531,516
SOURCE	7/1/1957		7	23	NORTH SHORE SCREEN WELL	153,713	799,896	ENRCCI	4680	10789	1,844,034	0.74	1,312,518	531,516
SOURCE	7/1/1957		8	25	INTAKE TUNNEL	171,942	946,233	ENRCCI	4680	10789	2,181,391	0.74	1,552,637	628,754
SOURCE	7/1/1957		9	28	48IN CI PIPE SOURCE INTAK	397,092	830,432	ENRCCI	4680	10789	1,914,430	0.74	1,062,596	851,833
SOURCE	7/1/1969		10	30	TRAVELING WATER SCREENS	38,855	93,196	ENRCCI	4680	10789	214,849	0.73	157,795	57,054
SOURCE	7/1/1969		11	32	TRAVELING WATER SCREENS	38,855	93,196	ENRCCI	4680	10789	214,849	0.73	157,795	57,054
SOURCE	12/3/1976		12	34	54IN CONCRETE PIPE INTAKE	32,040	77,465	ENRCCI	4680	10789	230,5	0.59	67,301	111,282
SOURCE	12/3/1976		13	37	48IN CONCRETE INTAKE	684,850	1,675,274	ENRCCI	4680	10789	3,862,079	0.59	1,455,465	2,406,615
SOURCE	12/3/1976		14	39	54IN CONCRETE PIPE INTAKE	740,385	1,177,305	ENRCCI	4680	10789	2,714,091	0.59	1,311,633	1,402,457
SOURCE	12/3/1976		15	42	54IN CONCRETE INTAKE PIPE	1,034,251	2,536,507	ENRCCI	4680	10789	5,847,516	0.59	2,203,667	3,643,819
SOURCE	3/1/1954		16	44	1894 6FT RAW WATER TUNNEL	3,644	158,631	ENRCCI	4680	10789	365,699	0.74	214,163	151,536
SOURCE	12/31/1990		827	1136	48IN RAW WATER INTAKE/EXT	77,149	77,149	ENRCCI	4777	10789	174,244	0.49	89,223	85,022
SOURCE	10/1/1991		876	1219	COMB STARTERS A1 & A2 VLV	3,115	3,115	ENRCCI	4888	10789	6,875	0.76	5,213	1,662
SOURCE	12/31/1993	12/31/2015	934	1330	ZEBRA MUSSEL CONTROL A92	0	0	ENRCCI	0	0	0	0.00	0	0
SOURCE	7/17/1993		935	1332	A3/A7 ELEC STARTER	3,585	3,585	ENRCCI	5336	10789	7,249	0.81	5,900	1,349
SOURCE	1/12/2010		40686	40707	REHAB 1894 WELL	702,139	702,139	ENRCCI	8938	10789	847,548	0.38	318,236	529,312
SOURCE	2/9/2010		40686	40707	54" INTAKE ANCHOR ICE CONTROL	584,537	584,537	ENRCCI	8938	10789	705,591	0.49	344,290	361,301
SOURCE	12/31/1993	2/27/2010	934	133001	HDPE PIPE REPLACED	0	0	ENRCCI	0	0	0	0.00	0	0
SOURCE	8/31/2016		10511	10511	48" INTAKE HEAT AND CHEMICAL SYSTEM	1,679,756	1,679,756	ENRCCI	10379	10789	1,746,111	0.06	104,758	1,641,353
SOURCE	6/30/2017		10612	10612	SHOREWELLS-PLANT RELIABILITY BID 16-1	298,693	298,693	ENRCCI	10789	10789	298,693	0.02	5,974	292,719
SOURCE	6/30/2017		10615	10615	INTAKE HEATERS - PLANT RELIABILITY BID	90,799	90,799	ENRCCI	10789	10789	90,799	0.05	4,540	86,259
						7,075,028	15,078,915				30,709,311		14,252,620	16,456,691

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TREATMENT	3/1/1975		85	190	'15 FILTER BUILDING #1	26,512	309,759	15	264	638	2,417	748,584	0.77	578,759	189,825
TREATMENT	3/1/1975		86	193	'15 RAPD SND FLTRS 12MGD S	57,357	391,404	16	299	751	2,512	983,092	0.77	760,066	223,026
TREATMENT	7/1/1983		87	196	'23 FILTER BUILDING #2	20,983	124,684	15	264	638	2,417	301,320	0.74	223,751	77,568
TREATMENT	7/1/1983		88	198	'23 CLEAR WELLS #3 & #4	176,848	536,505	16	299	751	2,512	1,347,543	0.69	930,495	417,048
TREATMENT	7/1/1983		89	200	RAPD SND FILTERS '23 ADD	140,073	391,404	16	299	751	2,512	983,092	0.69	678,837	304,255
TREATMENT	7/1/1984		90	203	'34 CLEAR WATER RESRV 5MG	119,506	3,339,983	16	337	751	2,228	7,443,130	0.73	5,404,524	2,038,606
TREATMENT	3/1/1947		91	204	YD PIPING CLEARWELL PUMPS	877	58,895	16	299	751	2,512	140,392	0.74	91,233	49,159
TREATMENT	1/1/1951		95	208	WASH WATER PUMP #3 10MGD	10,168	108,543	16	299	751	2,512	272,628	0.74	260,944	11,684
TREATMENT	1/1/1951		96	209	WASH WATER PUMP #4 10MGD	10,168	108,543	16	299	751	2,512	272,628	0.74	260,944	11,684
TREATMENT	1/1/1951		97	212	SLOW MIXING EQUIP 2 UNITS	37,018	282,297	16	299	751	2,512	708,047	0.74	709,047	0
TREATMENT	1/1/1951		98	214	RAPD SND FILTERS '48 ADD	87,841	971,947	16	299	751	2,512	2,441,245	0.74	1,924,275	516,969
TREATMENT	1/1/1951		99	217	FILTER BUILDING #3	110,895	646,459	15	264	638	2,417	1,562,276	0.74	1,046,725	515,551
TREATMENT	1/1/1951		100	220	FILTERED WATER PIPELINES	115,819	691,627	16	299	751	2,512	1,737,163	0.74	1,067,798	669,366
TREATMENT	1/1/1951		101	223	CLEAR WELLS #5 & #6	143,426	888,529	16	299	751	2,512	2,231,723	0.74	1,371,793	859,930
TREATMENT	1/1/1951		102	226	RAPD SND FILTERS 24 MGD S	194,384	789,660	16	299	751	2,512	1,808,042	0.74	1,172,833	735,209
TREATMENT	1/1/1951		103	229	CHEMICAL BUILDING STRUCT	276,597	1,608,793	15	264	638	2,417	3,887,916	0.74	3,064,593	823,323
TREATMENT	1/1/1951		104	232	SETTLING BASIN DRAINS	364,467	1,148,100	16	299	751	2,512	2,883,689	0.74	1,772,543	1,111,146
TREATMENT	1/1/1951		105	235	MIXING AND SETTLING BASINS	436,673	2,751,404	16	299	751	2,512	6,910,717	0.74	4,247,872	2,662,845
TREATMENT	7/1/1985		109	245	ELECT TRAV HOIST MONORAIL	3,253	13,556	15	264	638	2,417	32,712	0.77	25,050	7,662
TREATMENT	7/1/1985		113	252	ELEVATOR REMODEL 1963	8,813	67,678	15	264	638	2,417	163,555	0.77	125,246	38,309
TREATMENT	7/1/1985		114	256	WASH WEAR DRAIN PT PIPING	10,137	88,359	16	299	751	2,512	221,932	0.70	106,894	115,038
TREATMENT	7/1/1985		116	259	WASH WATER PMP DISC HEADE	26,173	118,565	16	299	751	2,512	297,800	0.70	183,936	113,865
TREATMENT	7/1/1985		117	262	WASH WATER PUMP #1 20 MGD	33,697	216,522	16	299	751	2,512	543,840	0.70	378,061	165,779
TREATMENT	7/1/1985		120	270	CARBON SLURRY SYSTEM	53,820	223,579	16	299	751	2,512	561,565	0.77	430,031	131,533
TREATMENT	7/1/1985		121	273	ALUM SULPH SYS LIQ AL SYS	56,032	254,349	16	299	751	2,512	638,850	0.77	489,214	149,636
TREATMENT	7/1/1985		122	276	LOW LIFT DISCH PIPE LINES	66,895	361,763	16	299	751	2,512	908,642	0.70	561,220	347,422
TREATMENT	7/1/1985		124	282	SURFACE WASH PUMP	80,654	345,813	16	299	751	2,512	868,580	0.70	536,476	332,104
TREATMENT	7/1/1985		125	285	FILTER BUILDING #4	97,481	427,077	15	264	638	2,417	1,032,103	0.70	541,854	490,249
TREATMENT	7/1/1985		126	288	CLEAR WELLS #1 AND #2	110,804	1,620,947	15	299	751	2,512	4,071,342	0.70	1,960,967	2,110,374
TREATMENT	7/1/1985		127	291	CHEMICAL BUILDING ADDITIO	112,052	481,558	15	264	638	2,417	1,163,765	0.70	610,977	552,788
TREATMENT	7/1/1985		130	300	CLEAR WELLS #7 AND #8	120,118	967,854	16	299	751	2,512	2,430,964	0.70	1,170,877	1,260,087
TREATMENT	7/1/1985		131	301	RAPD SND FILTERS 63 ADD	207,390	683,694	16	299	751	2,512	1,771,238	0.70	827,110	890,128
TREATMENT	7/1/1985		132	304	MIXING & SETTLING BASINS	926,229	4,304,600	16	299	751	2,512	10,611,888	0.70	6,677,931	4,133,957
TREATMENT	10/15/1973		133	307	FILTER WASH WAST & SET BAS	606,272	1,395,675	16	299	751	2,512	3,503,525	0.62	1,823,331	1,682,194
TREATMENT	7/1/1977	12/31/2015	135	311	BUTTERFLY VALVE 30IN PNEU	0	0	16	0	0	0.000	0	0.00	0	0
TREATMENT	12/31/1977		136	314	FIBERGLASS PHOSPHAT TK PM	7,707	12,703	16	299	751	2,512	31,906	0.74	23,693	8,214
TREATMENT	3/1/1979		137	317	2 CENTRIFUGAL PUMPS	2,385	3,952	16	299	751	2,512	9,926	0.79	7,816	2,111
TREATMENT	3/1/1981		138	319	8IN FORCE MAIN	3,498	6,508	15	264	638	2,417	15,728	0.77	12,044	3,684
TREATMENT	3/1/1982		141	326	ADJUSTMENTS 1982	55,067	69,235	15	264	638	2,417	167,318	0.53	66,617	100,701
TREATMENT	3/1/1982		142	329	IMPRV MXG BASINS #1 & #2	219,223	278,733	16	299	751	2,512	700,145	0.53	278,762	421,384
TREATMENT	7/1/1982		143	332	20" BUTTERFLY VALVES '66 ADD	9,009	11,455	16	299	751	2,512	26,772	0.53	11,349	17,423
TREATMENT	12/31/1983		144	336	UPGRADE 12-2MGD FILT W/BF	896,653	1,077,653	16	299	751	2,512	2,706,747	0.51	844,306	1,862,441

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[3] Trend factor calculated using Indices at respective years

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TREATMENT	2/28/1985		147	345	6 FILT INFLU BUTTR VALVES	48,893	55,475	16	299	751	2,512	139,337	0.67	92,835	46,502
TREATMENT	3/1/1985	2/27/2011	149	350	DEHUM CARGO CR WEST FLTR	0	0	0	0	0	0.000	0	0.00	0	0
TREATMENT	3/1/1985	12/31/2014	150	352	FILT CONTR UPRD WEST PLT	0	0	0	0	0	0.000	0	0.00	0	0
TREATMENT	2/28/1986		151	355	SYSTEM AUTOMAT CHEM BLDG	575,801	638,576	16	299	751	2,512	1,603,915	0.65	1,043,995	559,920
TREATMENT	2/28/1986		152	357	SYSTEM AUTOM TREAT PLANT	299,764	332,445	16	299	751	2,512	895,003	0.65	543,507	291,496
TREATMENT	12/31/1986		156	363	LOW LFT SUPP TO FLASH MIX	7,766	8,559	15	264	638	2,417	20,684	0.64	13,244	7,440
TREATMENT	12/31/1986		157	365	ENG COSTS SYSTEM AUTOMATI	87,684	97,243	16	299	751	2,512	244,246	0.64	156,393	87,853
TREATMENT	3/1/1987		160	373	22 FLOOR FIXTURES -W PLT	1,023	1,099	15	264	638	2,417	2,656	0.76	2,014	642
TREATMENT	3/1/1987		161	376	TWO FLUORIDE FEED PUMPS	2,218	2,388	16	299	751	2,512	5,988	0.76	4,548	1,450
TREATMENT	3/1/1987		164	382	TWO POLYMER FEED PUMPS	8,995	9,684	16	299	751	2,512	24,323	0.76	18,443	5,881
TREATMENT	3/1/1987	12/31/2014	165	384	FILTR CONTR UPRGRD EAST PL	0	0	0	0	0	0.000	0	0.00	0	0
TREATMENT	1/1/1982		244	628	2 30X16 SPOOL PIECES	464	590	16	299	751	2,512	1,482	0.53	593	869
TREATMENT	1/1/1982		245	629	BRASS NOZZLES SURFACE WASH	0	0	0	0	0	0.000	0	0.00	0	0
TREATMENT	1/1/1982		246	632	4 30IN UNI-FLANG FIL14&18	2,084	2,650	16	299	751	2,512	6,866	0.53	2,662	3,994
TREATMENT	1/1/1982		249	641	FILTER 14 & 18 30IN BFV	12,833	16,318	16	299	751	2,512	40,986	0.53	16,394	24,592
TREATMENT	2/1/1988	2/27/2009	755	1019	2 CHLORINE CYLINDER SCALE	0	0	0	0	0	0.000	0	0.00	0	0
TREATMENT	5/1/1988	2/27/2005	758	1025	ROOF SERVICE BUILDING	1,350	1,399	15	264	638	2,417	3,381	0.74	2,511	870
TREATMENT	11/1/1988		769	1044	CARBON DUST COLLECTOR	6,140	6,378	16	299	751	2,512	16,020	0.80	12,831	3,189
TREATMENT	12/31/1989	12/30/2013	800	1094	HEAD HOUSE ROOF	0	0	0	0	0	0.000	0	0.00	0	0
TREATMENT	12/31/1989		801	1095	SLUDGE LINE EXTENSION	361,450	355,953	15	264	638	2,417	860,220	0.43	220,974	639,246
TREATMENT	12/31/1989		803	1099	FLUDGE LINE APPURTENANCES	220,715	217,358	15	264	638	2,417	525,282	0.79	413,584	111,698
TREATMENT	7/31/1989		806	1105	FLAMMABL LIQ STOR CABINET	443	447	ENRCCI	4680	10789	2,305	1,030	0.79	811	219
TREATMENT	12/31/1986		818	1121	CONTROL ROOM HVAC	4,530	5,146	15	264	638	2,417	12,436	0.77	9,569	2,867
TREATMENT	12/31/1986	12/31/2014	820	1124	ADDL FILTER CONTR EAST PL	0	0	0	0	0	0.000	0	0.00	0	0
TREATMENT	2/28/1990		825	1132	RECT DRAIN VLV88 EFF VL4	43,920	43,920	16	303	751	2,479	108,858	0.50	54,708	54,150
TREATMENT	12/31/1990		837	1155	FLASH MIX EQUIP	47,475	47,475	16	303	751	2,479	117,669	0.77	90,974	26,695
TREATMENT	10/23/1990		838	1157	2 METERING PUMPS/ALUM	7,851	7,851	16	303	751	2,479	19,459	0.77	15,044	4,414
TREATMENT	9/7/1990		840	1160	SECURITY EQUIPMENT	1,675	1,675	16	303	751	2,479	4,151	0.77	3,209	942
TREATMENT	5/22/1990		841	1162	BLUE PRINT CABINET F	945	ENRCCI	10789	4777	10789	2,259	2,134	0.79	1,681	454
TREATMENT	11/20/1990		842	1164	SUMP PUMPA-3 LEVEL	1,363	1,363	16	303	751	2,479	3,378	0.77	2,612	766
TREATMENT	12/31/1990		843	1165	FIRE SAFETY CABINET LAB	373	373	ENRCCI	4777	10789	2,259	842	0.77	651	191
TREATMENT	12/31/1990		844	1167	CHEM FEEDER DRIVE MOTOR	502	502	16	303	751	2,479	1,244	0.77	961	282
TREATMENT	12/31/1991	2/27/2007	884	1233	UPGRADE L304 & T304	9,956	9,956	15	269	638	2,372	23,613	0.76	17,904	5,709
TREATMENT	6/25/1991		885	1235	CHLORINATORS V100-3	0	0	0	0	0	0.000	0	0.00	0	0
TREATMENT	3/1/1982	12/31/2015	890	1245	W/PLT GUNITE WORK TREAT	0	0	0	0	0	0.000	0	0.00	0	0
TREATMENT	2/28/1992		892	1249	FILTER SWITCHGEAR	72,924	72,924	16	321	751	2,340	170,610	0.56	96,205	74,406
TREATMENT	12/31/1992		901	1267	A90 IMPR MXG BASINS 3&4	761,780	761,780	16	321	751	2,340	1,782,233	0.67	1,196,314	585,919
TREATMENT	12/31/1992		902	1269	A90 W 36IN CLEARWELL PIP	151,711	151,711	16	321	751	2,340	354,938	0.39	104,393	250,544
TREATMENT	12/31/1992		903	1271	A90 W FILTER INF PIPING	273,993	273,993	16	321	751	2,340	641,024	0.39	168,537	452,488
TREATMENT	12/31/1992		904	1273	B91 FLUORIDE FEED SYSTEM	134,917	134,917	16	321	751	2,340	315,648	0.46	144,442	171,206
TREATMENT	12/31/1992		905	1275	B91 W PLANT GRAT & HANDRL	8,198	8,198	16	321	751	2,340	19,181	0.46	8,777	10,404

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TREATMENT	12/31/1992		906	1277	B91 LL-PIPING	397,404	397,404	16	321	751	2,340	928,752	0.46	425,460	504,292
TREATMENT	8/4/1992		907	1279	ADDN #803 SLUDGE LINE	4,988	4,988	16	321	751	2,340	11,670	0.74	8,696	3,004
TREATMENT	12/31/1992		908	1281	CLEAR WELL VLV F3, F4	25,989	25,989	16	321	751	2,340	60,757	0.46	27,803	32,954
TREATMENT	6/17/1992		909	1283	SUMP PUMP W-3 SUB	4,128	4,128	16	321	751	2,340	9,657	0.76	7,322	2,335
TREATMENT	7/9/1992		910	1285	PRAT LIN ACT FIL 15&16-2	3,813	3,813	16	321	751	2,340	8,921	0.74	6,624	2,296
TREATMENT	11/18/1992		911	1287	PHOSPHATE FEED SYSTEM	5,339	5,339	16	321	751	2,340	12,480	0.74	9,275	3,215
TREATMENT	12/31/1992		912	1289	DEHUM CARGO OR EAST FLTR	51,978	51,978	16	321	751	2,340	121,606	0.55	66,990	54,615
TREATMENT	12/14/1993		944	1348	PRAT DUR ACT -12'63 ADDN	30,068	30,068	16	328	751	2,290	68,844	0.81	56,033	12,810
TREATMENT	12/31/1993		945	1350	PHOS FEED SYSTEM	2,300	2,300	16	328	751	2,290	5,266	0.81	4,286	980
TREATMENT	5/19/1993		946	1352	PRAT LIN ACT FIL 13&14	3,814	3,814	16	328	751	2,290	8,703	0.74	6,485	2,248
TREATMENT	9/27/1994		968	1387	SUBMERS SLUDGE PUMP	20,463	20,463	16	337	751	2,228	45,600	0.80	36,371	9,230
TREATMENT	9/13/1994		970	1391	PHOS FEED SYSTEM ADDN	14,785	14,785	16	337	751	2,228	32,948	0.80	26,279	6,669
TREATMENT	11/8/1994		971	1393	PRAT DUR ACT -15'63 ADDN	57,988	57,988	16	337	751	2,228	129,226	0.80	103,070	26,156
TREATMENT	9/13/1994	12/31/2014	974	1398	UPGRADE PH INSTR/SOFTWR	0	0	0	0	0	0	0	0.00	0	0
TREATMENT	5/24/1994		978	1406	FLUORIDE X-FER PUMP	2,499	2,499	16	337	751	2,228	5,569	0.81	4,533	1,036
TREATMENT	2/28/1995		982	1414	ALUM STOR TANKS (3) EPOXY	57,428	57,428	16	446	751	1,684	96,700	0.80	77,127	19,572
TREATMENT	7/11/1995		984	1418	SLOW MIX VFD F	2,283	2,283	16	446	751	1,684	3,845	0.78	3,000	845
TREATMENT	12/31/1995		985	1420	2 PERISTALTIC CARB PUMPS F	600	600	16	446	751	1,684	1,010	0.78	788	222
TREATMENT	2/28/1996		986	1422	CL2 BUILDING	946,189	946,189	15	319	638	2,000	1,782,074	0.41	729,541	1,052,533
TREATMENT	12/31/1995	12/31/2014	1010	1465	UPGRADE PH II INSTR/SOFTW	0	0	0	0	0	0	0	0.00	0	0
TREATMENT	6/13/1996		1027	1499	FLOURIDE X-FER PUMP	1,958	1,958	16	361	751	2,080	4,073	0.78	3,179	895
TREATMENT	10/17/1996	12/31/2015	1028	1501	CL2 MASS FLOWMETER	0	0	0	0	0	0	0	0.00	0	0
TREATMENT	2/13/1997		1029	1502	LIMITORQ VALVE ACT -12	22,492	22,492	16	372	751	2,019	45,408	0.76	34,602	10,806
TREATMENT	2/25/1997		1030	1503	(2) W PLT SUMP PUMPS	599	599	16	372	751	2,019	1,209	0.76	921	288
TREATMENT	2/28/1997		1031	1504	1948 FILTER ROOF REPL	662,232	662,232	15	325	638	1,963	1,300,012	0.59	773,376	526,637
TREATMENT	5/20/1997		1047	1520	OH DOOR W PLT DOCK	3,647	3,647	15	325	638	1,963	7,160	0.76	5,456	1,704
TREATMENT	11/20/1997		1048	1521	FILT 19-24 VALVE SEATS 42IN	14,247	14,247	16	372	751	2,019	28,762	0.65	18,721	10,041
TREATMENT	2/28/1998		1049	1522	NO. INFLUENT STOP GATE	9,500	9,500	16	384	751	1,956	18,579	0.74	13,797	4,783
TREATMENT	2/28/1998		1050	1523	W FLTR PLT DOCK	52,412	52,412	15	334	638	1,910	100,117	0.65	65,166	34,950
TREATMENT	8/18/1998	12/31/2015	1064	1537	(3) CL2 MASS FLOWMETERS	0	0	0	0	0	0	0	0.00	0	0
TREATMENT	2/28/1999	12/31/2015	1076	1549	CC 4" TURBINE METER	0	0	0	0	0	0	0	0.00	0	0
TREATMENT	11/9/1999		1077	1550	WEST FILTER BLDG TUCKPOINTING	162,623	162,623	15	351	638	1,818	295,593	0.61	240,589	55,004
TREATMENT	1/11/2000		1078	1551	WEST SHOP DOORS	7,099	7,099	15	357	638	1,787	12,687	0.81	7,698	4,990
TREATMENT	2/13/2001	12/31/2014	1090	1562	TURBIDITY MONITOR SYSTEM F	0	0	0	0	0	0	0	0.00	0	0
TREATMENT	9/26/2000		1091	1563	HYDRAULIC BOOSTER PUMP F	3,268	3,268	16	399	751	1,882	6,151	0.68	4,159	1,992
TREATMENT	7/25/2000	12/31/2014	1092	1564	UTICOR INTERFACE F	0	0	0	0	0	0	0	0.00	0	0
TREATMENT	6/13/2000		1102	1574	WINDOW REPLACEMENT	101,710	101,710	15	357	638	1,787	181,767	0.70	127,195	54,573
TREATMENT	2/12/2002		1106	1578	FILTDORS(2)LR+WEST ENT	6,900	6,900	15	390	638	1,636	11,288	0.56	6,292	4,996
TREATMENT	12/18/2001		1107	1579	REHAB OF 1948 FILTERS	1,278,522	1,278,522	16	414	751	1,814	2,319,252	0.30	704,771	1,614,481
TREATMENT	8/14/2001		1108	1580	LAB HVAC	88,434	88,434	15	372	751	1,715	151,668	0.56	84,544	67,124
TREATMENT	8/14/2001		1109	1581	CHAIN DECK DEHUMIDIFIER	60,571	60,571	16	414	751	1,814	109,876	0.38	41,256	68,620

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TREATMENT	7/1/1965		128	9511	RAPD SND FILTERS '63 ADD	115,373	540,239	16	299	751	2,512	1,356,921	0.70	638,098	518,823
TREATMENT	7/1/1965		118	9512	WASH WATER PUMP #2 20 MGD	33,697	157,788	16	299	751	2,512	396,316	0.70	275,507	120,809
TREATMENT	2/28/2003		1123	9522	FIL FLUME & WASH RATE	20,611	20,611	16	443	751	1,695	34,940	0.62	21,798	13,142
TREATMENT	11/12/2002		1124	9524	SETTLING BASIN EFFLUENT	139,679	139,679	15	390	638	1,636	228,500	0.24	40,689	167,811
TREATMENT	2/1/1988		756	34729	4 2.0IN BUTTR VALV EAST PL	7,109	7,988	16	299	751	2,512	19,086	0.74	14,172	4,913
TREATMENT	5/31/2003			35131	LAB CABINETS	70,955	70,955	ENRCCI	6925	10789	1,581	112,008	0.62	69,878	42,130
TREATMENT	6/30/2004			36433	COMPRESSOR SYSTEM	65,313	65,313	16	462	751	1,626	106,169	0.59	63,160	43,009
TREATMENT	8/16/2005			38412	SCRUBBER	967,139	967,139	16	482	751	1,558	1,506,891	0.44	665,878	841,013
TREATMENT	2/28/2008			39669	VACUUM ALUM TANK SYSTEM	64,783	64,783	16	580	751	1,295	83,883	0.58	48,362	35,521
TREATMENT	1/12/2010			40723	FILTER SHOP EXPANSION	791,433	791,433	15	544	638	1,173	928,187	0.13	73,971	854,216
TREATMENT	2/28/2011			41021	MUNTERS DEHUMIDIFIER	47,850	47,850	16	622	751	1,207	57,774	0.43	25,068	32,706
TREATMENT	12/31/2012			42032	TURBIDI METERS	51,377	51,377	16	652	751	1,152	59,178	0.46	27,060	32,098
TREATMENT	12/31/2012			42041	FILTER REHAB ROOF STRUCTURE285	980,962	980,962	16	652	751	1,152	1,129,911	0.24	268,679	861,233
TREATMENT	12/31/2012			42059	FILTER REHAB STEEL STRUCTURE285	742,279	742,279	15	573	638	1,113	826,462	0.12	99,062	727,399
TREATMENT	12/31/2012			42067	FILTER REHAB FILTERS 301	2,156,738	2,156,738	15	573	638	1,113	2,401,394	0.12	287,890	2,113,504
TREATMENT	9/30/2013			42542	SECURITY DOOR REPLACEMENT	49,680	49,680	15	581	638	1,098	54,554	0.19	10,319	44,234
TREATMENT	12/31/2013			42534	ARC FLASH & ELECTRICAL STUDY	18,305	18,305	16	671	751	1,119	20,487	0.38	7,693	12,795
TREATMENT	3/31/2014			10095	WASH WATER PUMPS	40,773	40,773	16	697	751	1,077	43,932	0.08	3,514	40,418
TREATMENT	3/31/2014			10099	SECURITY IMPROVEMENTS BZPP	84,108	84,108	16	697	751	1,077	90,625	0.38	34,028	56,597
TREATMENT	3/31/2014			10101	RATE OF FLOW LOSS OF HD TRSMTR	65,630	65,630	16	697	751	1,077	70,715	0.19	13,376	57,338
TREATMENT	5/28/2014			10103	SCADA SYSTEM	1,643,315	1,643,315	16	697	751	1,077	1,770,630	0.26	454,949	1,315,681
TREATMENT	12/15/2015			10311	CLEARWELL 182 IMPROVEMENTS	319,784	319,784	15	616	638	1,036	331,204	0.06	19,871	311,334
TREATMENT	7/28/2015			10318	ROOF 15, 17, 27 IMPROVEMENTS	580,936	580,936	15	616	638	1,036	580,970	0.06	34,855	546,115
TREATMENT	4/4/2015			10319	CHLORINATION EQUIPMENT	404,779	404,779	16	700	751	1,073	434,270	0.12	52,062	382,208
TREATMENT	2/28/2006			38383	ROOF-REPL FILTER PUMP HOUSE	68,675	68,675	15	474	638	1,346	92,436	0.53	49,057	43,379
TREATMENT	8/17/2004			42551	480 VOLT SWITCH GEAR REPLACEMENT	148,204	148,204	16	462	751	1,626	240,912	0.56	135,847	105,065
TREATMENT	8/16/2005			38404	EAST END STAIR TOWER	378,341	378,341	15	450	638	1,418	536,403	0.23	122,375	414,028
TREATMENT	9/31/2016			10510	ROOFS 12, 16, 18, & 28 AND MASONRY REP	526,464	526,464	15	623	638	1,024	539,140	0.03	16,174	522,966
TREATMENT	10/31/2016			10508	CHLORINE SCRUBBER MEDIA	75,714	75,714	16	724	751	1,037	78,538	0.10	7,850	70,688
TREATMENT	12/31/2016			10509	CHLORINE EMERGENCY SHUT-OFF VALVE	59,054	59,054	16	724	751	1,037	61,256	0.06	3,675	57,581
TREATMENT	6/30/2017			10606	12 HATCH TU 5300SC TURBIDIMETERS; 12 S	54,073	54,073	16	751	751	1,000	54,073	0.10	5,405	48,669
TREATMENT	6/30/2017			10608	EAST FILTER VALVE UPGRADES - PLANT RI	367,240	367,240	16	751	751	1,000	367,240	0.02	7,345	359,895
TREATMENT	6/30/2017			10609	PHOSPHATE FEED- PLANT RELIABILITY BIL	485,748	485,748	16	751	751	1,000	485,748	0.05	24,286	461,461
TREATMENT	6/30/2017			10610	SETTLING BASIN INFLUENT CONDUIT CONN	106,087	106,087	15	638	638	1,000	106,087	0.02	2,122	103,965
TREATMENT	6/30/2017			10611	WASHWATER DETENTION BASIN UPGRADE	186,335	186,335	15	638	638	1,000	186,335	0.01	1,035	185,299
						25,203,400	47,972,801					100,625,173		55,310,327	45,314,847

[1] From Valuation of Evanston Water Works 12/31/1988 Provided by Alvord, Burdick & Howson

[2] Indices:

- HWI = Handy-Whitman Index. Cost Trends of Water Utility Construction, North Central Region
- Line 8 = Pumping Plant - Structures & Improvements
- Line 9 = Pumping Plant - Electric Pumping Equipment
- Line 15 = Water Treatment Plant - Structures & Improvements
- Line 16 = Water Treatment Plant - Large Treatment Plant Equipment
- ENRCCI = Engineering News Record Construction Cost Index - 20 City

[3] Trend factor calculated using Indices at respective years

[4] Iowa Type Survivor Curve estimates useful life based on condition percent factors for industrial property- shown here as % of life used

[5] Depreciation calculated using Iowa Type Survivor Curve. Depreciation for assets with an estimated life over 60 years were calculated using a straight line approach

TABLE 1

REPRODUCTION COST NEW LESS DEPRECIATION AS OF DECEMBER 31, 2017
CITY OF EVANSTON
Task 5

Location	Date Acquired	Life in Months	Asset #	Description	Asset Cost [1] (\$)	Indices [2]	Index # Date Acquired	Trend Factor Dec 31, 2017 [3]	RCN Dec 31, 2017 (\$)	Iowa Survivor Curve [4] (%)	Depreciation [5] (\$)	RCNLD (\$)
WATER PLANT	1/12/2010	1080	40678	ADMIN OFFICE EXPANSION	1,564,192	ENRCCI	8938	1.207	1,888,125	0.13	150,473	1,737,652
WATER PLANT	8/16/2005	600	38391	GARAGE # 7	377,729	ENRCCI	7680	1.408	532,026	0.23	121,377	410,650
WATER PLANT	1/1/1951	1080	709	SERVICE BUILDING	422,159	ENRCCI	569	1.861	8,004,699	0.74	5,363,148	2,641,551
WATER PLANT	12/30/2013	240	42471	2012 ROOF REPLACEMENT	135,480	ENRCCI	9552	1.130	153,025	0.19	28,946	124,079
WATER PLANT	1/1/1963	960	734	SHORE PROTECTION BKWATER	194,514	ENRCCI	936	1.527	2,242,106	0.71	1,370,176	871,930
WATER PLANT	12/11/2012	240	42008	HVAC	105,736	ENRCCI	9324	1.157	122,349	0.24	29,093	93,256
WATER PLANT	12/11/2012	240	42009	HVAC	99,576	ENRCCI	9324	1.157	115,222	0.24	27,398	87,824
WATER PLANT	1/19/2010	300	721	SERVICE BLDG SHOP ADDITIO	129,408	ENRCCI	759	1.0789	1,839,503	0.74	1,112,899	726,604
WATER PLANT	7/1/1957	1080	1237	EMERGENCY GENERATR 500KW T	302,105	ENRCCI	4066	2.653	801,626	0.70	560,951	240,675
WATER PLANT	1/1/1982	480	34702	SERVICE BLDG ADDITION	105,374	ENRCCI	1019	1.0789	1,115,662	0.77	854,360	261,323
WATER PLANT	1/19/2010	300	40993	SECURITY FENCE	72,000	ENRCCI	8938	1.207	86,911	0.27	23,157	63,754
WATER PLANT	7/29/2014	180	10096	# 915 VEHICLE	34,511	ENRCCI	9635	1.097	37,859	0.00	0	37,859
WATER PLANT	7/1/1965	1080	759	GARAGE ADDITION #5 & #6	36,527	ENRCCI	1019	1.0789	386,742	0.70	203,039	183,702
WATER PLANT	11/28/2006	600	39247	GARAGE 5 & 6 & RETAINING WALL	27,041	ENRCCI	7880	1.369	37,023	0.21	7,728	29,295
WATER PLANT	9/30/2013	240	42489	SECURITY DOOR REPLACEMENT	24,840	ENRCCI	9552	1.130	28,057	0.19	5,307	22,749
WATER PLANT	3/31/2014	120	10097	FIRE PROTECTION SYSTEM	26,288	ENRCCI	9635	1.097	28,638	0.38	10,928	18,010
WATER PLANT	12/18/2001	600	1585	GAR#4FLOOR	22,845	ENRCCI	6462	1.670	38,142	0.30	11,591	26,551
WATER PLANT	8/17/2004	240	36425	VOLT SWITCH GEAR REPLACEMENT	24,701	ENRCCI	7297	1.479	36,521	0.56	20,594	15,927
WATER PLANT	7/1/1965	1080	757	SHOP ADDITION F	14,832	ENRCCI	1019	1.0789	157,039	0.70	82,445	74,593
WATER PLANT	12/31/1992	360	1295	B91 GARAGE #6 FLOOR	23,054	ENRCCI	5071	1.0789	2,128	0.67	32,924	16,125
WATER PLANT	6/13/2000	240	1568	GARAGE #4 OH DOOR N	18,847	ENRCCI	6281	1.718	32,374	0.70	22,654	9,720
WATER PLANT	7/1/1965	720	756	LANDSCAPING	9,216	ENRCCI	1019	1.0789	97,578	0.70	67,833	29,745
WATER PLANT	1/1/1982	480	1241	HTG SYM BOILR SELF CONST	6,785	ENRCCI	4066	1.0789	18,004	0.70	12,598	5,405
WATER PLANT	3/1/1971	720	763	BRICKUP 30 WINDOWS F	2,695	ENRCCI	1753	6.155	16,587	0.65	10,709	5,878
WATER PLANT	12/31/1995	300	1444	GAR #5 DOCK LEVELER	2,194	ENRCCI	5523	1.953	4,286	0.69	2,959	1,326
											10,133,188	7,736,184
											17,869,372	
											3,782,648	

[1] Values based on City fixed asset records as of December 31, 2017.

[2] Indices:

- HWI = Handy-Whitman Index, Cost Trends of Water Utility Construction, North Central Region
- Line 8 = Pumping Plant - Structures & Improvements
- Line 9 = Pumping Plant - Electric Pumping Equipment
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- ENRCCI = Engineering News Record Construction Cost Index - 20 City

[3] Trend factor calculated using indices at respective years

[4] Iowa Type Survivor Curve estimates useful life based on condition percent factors for industrial property, shown here as % of life used

[5] Depreciation calculated using Iowa Type Survivor Curve. Depreciation for assets with an estimated life over 60 years were calculated using a straight line approach

TABLE 1

REPRODUCTION COST NEW LESS DEPRECIATION AS OF DECEMBER 31, 2017
CITY OF EVANSTON
Task 5

Location	Date Acquired	Life in Months	Asset #	Description	Asset Cost [1] (\$)	Indices [2]	Index # Date Acquired	Index # Dec 31, 2017	Trend Factor [3]	RCN Dec. 31, 2017 (\$)	Survivor Curve [4] (%)	Depreciation [5] (\$)	RCNLD (\$)
Group H - SK & MGN													
TRANSMISSION	7/1/1956	1188	498	PRSTD CON JT MN 36IN14329 (West 1956)	84,072	ENRCCI	724	10789	14,902	1,252,852	0.74	706,873	545,959
TRANSMISSION	3/1/1984	1080	662	WTR METER VAULT MCCORMICK	72,815	ENRCCI	4195	10789	2,572	187,271	0.51	63,360	123,911
Total Group H - SK & MGN					156,887					1,440,103		770,233	669,870
Group I - EV SK MGN													
TRANSMISSION	7/1/1956	1188	498	PRSTD CON JT MN 36IN14329 (West 1956)	164,449	ENRCCI	724	10789	14,902	2,450,612	0.74	1,382,684	1,067,927
TRANSMISSION	7/1/1961	960	524	BUTTERFLY VALVES 48IN 2	13,800	ENRCCI	872	10789	12,373	170,743	0.72	107,189	63,555
TRANSMISSION	7/1/1961	1188	528	PRE CON JT MN 48IN 3895 LF	295,966	ENRCCI	872	10789	12,373	3,661,901	0.72	1,898,141	1,763,759
TRANSMISSION	7/28/2015	600	10316	WATER METERING 48"	727,813	ENRCCI	10037	10789	1,075	782,343	0.04	31,293	751,050
Total Group I - EV SK MGN					1,202,028					7,065,599		3,419,308	3,646,291

[1] Values based on City fixed asset records as of December 31, 2017; transmission mains allocated as shown on Table A-1A.

[2] Indices:

- HWI = Handy-Whitman Index, Cost Trends of Water Utility Construction, North Central Region
- Line 8 = Pumping Plant - Structures & Improvements
- Line 9 = Pumping Plant - Electric Pumping Equipment
- Line 15 = Water Treatment Plant - Structures & Improvements
- Line 16 = Water Treatment Plant - Large Treatment Plant Equipment
- ENRCCI = Engineering News Record Construction Cost Index - 20 City

[3] Trend factor calculated using indices at respective years

[4] Iowa Type Survivor Curve estimates useful life based on condition percent factors for industrial property - shown here as % of life used

[5] Depreciation calculated using Iowa Type Survivor Curve. Depreciation for assets with an estimated life over 60 years were calculated using a straight line approach

TABLE 2

REPRODUCTION COST NEW LESS DEPRECIATION AS OF DECEMBER 31, 2017
 BASED ON THE ASSET LIST AS OF DECEMBER 31, 2017
 CITY OF EVANSTON
 Task 5

	RCN Balance at 12/31/2017 (\$)	Depreciation at 12/31/2017 (\$)	RCNLD at 12/31/2017 (\$)
Source of Supply	30,709,311	14,252,620	16,456,691
Pumping Plant	44,715,866	26,721,241	17,994,626
Treatment Plant	100,625,173	55,310,327	45,314,847
Water Plant	17,869,372	10,133,188	7,736,184
Water Treatment Plant Assets	193,919,722	106,417,375	87,502,347
Transmission			
Group H - SK & MGN	1,440,103	770,233	669,870
Group I - EV SK MGN	7,065,599	3,419,308	3,646,291

TABLE 3

ORIGINAL COST LESS DEPRECIATION AS OF DECEMBER 31, 2017
 BASED ON THE ASSET LIST AS OF DECEMBER 31, 2017
 CITY OF EVANSTON
 Task 5

	(A)	(B)	(C)		Adjusted Depreciation on OC Balance 2/28/2005 to 12/31/2017 (\$)	Depreciation on (A) 2/28/2005 to 12/31/2017 (\$)	Depreciation on (B) 2/28/2005 to 12/31/2017 (\$)	Depreciation on (C) 2/28/2005 to 12/31/2017 (\$)	Depreciation Balance at 12/31/2017 (\$)	OCLD at 12/31/2017 (\$)
	Original Cost Balance at 2/28/2005 (\$)	Original Cost 2/28/2005 to 12/31/2017 (\$)	Retirements Original Cost 2/28/2005 to 12/31/2017 (\$)	Original Cost Balance at 12/31/2017 (\$)						
Source of Supply	4,212,409	3,355,924	493,304	7,075,028	1,525,757	578,394	140,356	329,432	1,915,075	5,159,954
Pumping Plant	7,543,974	2,906,967	869,467	9,583,474	3,008,792	1,773,061	348,983	420,393	4,710,443	4,873,031
Treatment Plant	15,107,834	11,554,833	1,459,267	25,203,400	5,003,638	3,467,182	1,001,389	614,527	8,857,683	16,345,717
Water Plant				3,782,648					1,083,275	2,699,373
Water Treatment Plant Assets				45,644,550					16,566,476	29,078,074
Transmission										
Group H - SK & MGN				156,857					47,952	108,935
Group I - EV SK MGN				1,202,028					191,994	1,010,034

TABLE 4
 OCLD AND RCNLD AT DECEMBER 31, 2017
 BASED ON THE ASSET LIST AS OF DECEMBER 31, 2017
 CITY OF EVANSTON
 Task 5

	OC (\$)	Acc. Deprt. (\$)	OCLD (\$)
Source of Supply	7,075,028	1,915,075	5,159,954
Pumping Plant	9,583,474	4,710,443	4,873,031
Treatment Plant	25,203,400	8,857,683	16,345,717
Water Plant	3,782,648	1,083,275	2,699,373
Total Water Treatment Plant Assets	45,644,550	16,566,476	29,078,075
Transmission	156,887	47,952	108,935
Group H - SK & MGN	1,202,028	191,994	1,010,034

	RCN (\$)	Acc. Deprt. (\$)	RCNLD (\$)
Source of Supply	30,709,311	14,252,620	16,456,691
Pumping Plant	44,715,866	26,721,241	17,994,626
Treatment Plant	100,625,173	55,310,327	45,314,847
Water Plant	17,869,372	10,133,188	7,736,184
Total Water Treatment Plant Assets	193,919,722	106,417,375	87,502,347
Transmission	1,440,103	770,233	669,870
Group H - SK & MGN	7,065,599	3,419,308	3,646,291

City of Evanston
SCHEDULE OF FIXED PLANT ASSETS AND DEPRECIATION
YEAR ENDED DECEMBER 31, 2017

Cost	Assets					Depreciation				
	Orig Cost Balance FY end 12-31- 2016	Beginning Balance Adjustment	Adjusted Balance	Additions	Deletions	Orig Cost Balance FY end 12-31- 2017	Ending Balance times contract Depreciation Rate	Minus 1/2 2017 Depreciation on Additions	Plus 1/2 2017 Depreciation on Deletions	Total Depreciation
SOURCE OF SUPPLY	6,679,837		6,679,837	395,191		7,075,028	78,533	2,193	-	76,340
GENERAL PLANT	4,606,831		4,606,831			4,606,831	123,463	-	-	123,463
PUMPING PLANT	9,365,400		9,365,400	218,075		9,583,474	173,461	3,947	-	169,514
WATER TREATMENT PLANT	23,448,063	607,232	24,055,295	1,199,482	51,377	25,203,400	430,978	20,511	879	411,346
	44,100,131	607,232	44,707,363	1,812,748	51,377	46,468,733	806,435	26,652	879	780,662

City of Evanston
SCHEDULE OF TRANSMISSION ASSETS AND DEPRECIATION
YEAR ENDED DECEMBER 31, 2017

MGNWC Transmission Depreciation Contract Rate = 1.02

2017

Group	Split	Asset #	Asset Name	Total Asset (T) or Partial Asset (P)	Quantity	Unit	Year End Asset Value	Depreciation Values	Totals Per Group
	TOTAL	498	PRSTD CON JT MN 36IN14329	T	7198	LF	\$248,521.01	\$2,534.91	
G	MGN	TBD	Meter Vault and Water Main	T	1	LS	\$0.00	\$0.00	
H	SK&MGN	498	PRSTD CON JT MN 36IN14329 (West 1956)	P	2435	LF	\$84,071.78	\$857.53	
H	SK&MGN	662	WTR METER VAULT MCCORMICK	T	1	LS	\$72,815.01	\$742.71	\$1,600
I	SK&MGN&Evanston	498	PRSTD CON JT MN 36IN14329 (West 1956)	P	4763	LF	\$164,449.23	\$1,677.38	
I	SK&MGN&Evanston	524	BUTTERFLY VALVES 48IN 2	T	2	LS	\$13,800.01	\$140.76	
I	SK&MGN&Evanston	528	PRE CON JTMIN 48IN 3895 LF	T	3,895	LF	\$295,966.01	\$3,018.85	
I	SK&MGN&Evanston	10316	WATER METERING 48"	T	1	LS	\$727,813.16	\$7,423.69	\$12,261

2017 Monthly Pumpage (MG)

Month	Lake Water	Wash Water	Net Raw Water	Finished Water	Pumpage To		
	Pumpage	Recycled	Pumpage	Pumpage	Evanston	Skokie	N.W.C.
Jan-17	1,187.739	14.825	1,202.564	1,203.918	245.883	221.953	736.081
Feb-17	1,027.102	13.568	1,040.670	1,043.154	212.506	189.867	640.782
Mar-17	1,119.706	16.476	1,136.182	1,140.179	231.033	206.887	702.259
Apr-17	1,125.548	24.424	1,149.972	1,129.812	230.833	201.181	697.798
May-17	1,231.047	21.010	1,252.057	1,245.323	254.041	221.478	769.804
Jun-17	1,382.164	27.785	1,409.949	1,404.005	285.715	254.908	863.382
Jul-17	1,337.769	27.766	1,365.535	1,362.898	279.593	252.597	830.707
Aug-17	1,354.902	25.817	1,380.719	1,380.521	277.339	258.245	844.937
Sep-17	1,358.115	27.269	1,385.384	1,381.744	276.543	260.999	844.202
Oct-17	1,121.285	21.826	1,143.111	1,240.721	219.731	238.000	756.945
Nov-17	1,090.763	15.143	1,105.906	1,113.799	181.036	253.364	679.399
Dec-17	1,157.523	16.838	1,174.361	1,175.290	196.921	257.299	721.070
Total	14,493.663	252.747	14,746.410	14,821.364	2,891.174	2,816.778	9,087.366

2017 Average Day Pumpage (MGD)

Month	Lake Water	Wash Water	Net Raw Water	Finished Water	Pumpage To		
	Pumpage*	Recycled	Pumpage	Pumpage	Evanston	Skokie	N.W.C.
Jan-17	38.314	0.478	38.792	38.836	7.932	7.160	23.745
Feb-17	36.682	0.485	37.167	37.256	7.590	6.781	22.885
Mar-17	34.400	0.531	36.651	36.780	7.453	6.674	22.654
Apr-17	33.939	0.814	38.332	37.660	7.694	6.706	23.260
May-17	39.711	0.788	37.096	40.172	8.195	7.144	24.832
Jun-17	46.072	0.926	46.998	46.800	9.524	8.497	28.779
Jul-17	43.154	0.896	44.050	43.964	9.019	8.148	26.797
Aug-17	43.707	0.833	44.539	44.533	8.946	8.330	27.256
Sep-17	45.271	0.909	46.179	46.058	9.218	8.700	28.140
Oct-17	36.170	0.704	36.875	40.023	7.088	7.677	24.418
Nov-17	36.359	0.505	36.864	37.127	6.035	8.445	22.647
Dec-17	37.339	0.543	37.883	37.913	6.352	8.300	23.260
Average	39.709	0.692	40.401	40.606	7.921	7.717	24.897

Note: "Pumpage to Evanston" includes process and domestic water uses at the water treatment plant.

CITY OF EVANSTON, ILLINOIS

Water Fund
 Schedule of Revenues, Expenses, and Changes in Net Position - Budget and Actual

For the Fiscal Year Ended December 31, 2017

	Original and Final Budget	Actual
Operating Revenues		
Charges for services	\$ 17,274,000	\$ 16,983,549
Miscellaneous	519,400	604,247
Total Operating Revenues	<u>17,793,400</u>	<u>17,587,796</u>
Operating Expenses Excluding Depreciation		
Administration	1,090,255	1,588,801
Operations		
Pumping	2,533,492	2,434,814
Filtration	2,656,063	2,242,524
Distribution	16,963,651	2,354,563
Meter maintenance	-	228
Other	1,310,017	479,462
Total Operating Expenses Excluding Depreciation	<u>24,553,478</u>	<u>9,100,392</u>
Operating Income (Loss) Before Depreciation	(6,760,078)	8,487,404
Depreciation	-	2,470,280
Operating Income (Loss)	<u>(6,760,078)</u>	<u>6,017,124</u>
Non-Operating Revenue (Expenses)		
Investment income	1,600	35,784
Interest expense	(395,115)	(668,363)
Gain on disposal of capital assets	-	203,532
Total Non-Operating Revenues (Expenses)	<u>(393,515)</u>	<u>(429,047)</u>
Income (Loss) Before Transfers	<u>(7,153,593)</u>	<u>5,588,077</u>
Transfers		
Transfers (out)	<u>(3,369,559)</u>	<u>(6,194,560)</u>
Total Transfers	<u>(3,369,559)</u>	<u>(6,194,560)</u>
Net Income (Loss)	<u>\$ (10,523,152)</u>	<u>(606,483)</u>
Net Position		
Beginning of Year		70,470,424
End of Year		<u>\$ 69,863,941</u>

(See independent auditor's report.)

**EVANSTON DISTRIBUTION SYSTEM
CALCULATION OF PERCENT OF SYSTEM ALLOCATED TO MGNWC
7/10/2019**

Total Evanston Distribution System		
pipe size dia (in)	Length (ft)	(in-ft)
3	608	1,824
4	6,638	26,552
6	378,200	2,269,200
8	156,113	1,248,904
10	69,487	694,870
12	94,772	1,137,264
14	1,944	27,216
16	33,079	529,264
18	4,368	78,624
20	2,969	59,380
24	45,592	1,094,208
30	8,924	267,720
36	17,406	626,616
42	186	7,812
48	3,895	186,960
Total	824,181	8,256,414

Portion of Evanston Distribution System Used by MGNWC		
pipe size dia (in)	Length (ft)	(in-ft)
36	7,198	259,128
48	3,895	186,960
Total	11,093	446,088

% in-ft used by MGNWC of Evanston Total
5.40%



Water Production Bureau
555 Lincoln Street
Evanston, Illinois 60201
847.448.8198
847.475.8851

MONTHLY WATER BILL

Morton Grove Niles Water Commission
C/O Village of Niles
1000 Civic Center Drive
Niles, Illinois 60714

Date: 7/11/2019
Due Date: 8/11/2019
Account No 510.12165

Current bill for 16 days from 12/10/18 to 12/26/18

SY 2018 Preliminary Quantity Rate 0.78000
18,452,396 Gallons at 0.78000 per 1000 gallons \$14,392.87
Flushing & Chlorination Only

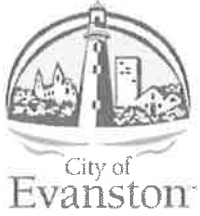
TOTAL DUE **\$14,392.87**

METER READINGS

	Date	Reading	Gallons Used
24" Meter			
Present	12/26/2018	18,452,734	
Previous	12/10/2018	338	18,452,396

TOTAL GALLONS USED 18,452,396

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MONTHLY WATER BILL

Morton Grove Niles Water Commission
C/O Village of Niles
1000 Civic Center Drive
Niles, Illinois 60714

Date: 7/11/2019
Due Date: 8/11/2019
Account No 510.12165

Current bill for 5 days from 12/27/18 to 12/31/18

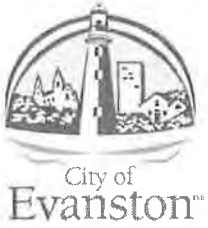
SY 2018 Preliminary Quantity Rate		0.78000	
14,694,866 Gallons at	0.78000	per 1000 gallons	\$11,462.00
Potable Water Delivery			

TOTAL DUE			\$11,462.00
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METER READINGS

	Date	Reading	Gallons Used
24" Meter			
Present	12/31/2018	33,147,600	
Previous	12/27/2018	18,452,734	14,694,866
		TOTAL GALLONS USED	14,694,866

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SAMPLE MONTHLY WATER BILL

FOR REFERENCE - IF CALCULATED RATE WAS UTILIZED

Morton Grove Niles Water Commission
 C/O Village of Niles
 1000 Civic Center Drive
 Niles, Illinois 60714

Date: 5/3/2019
 Due Date: 6/3/2019
 Account No 510.12165

Current bill for 31 days from 01/01/19 to 01/31/19

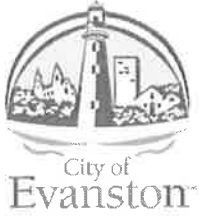
SY 2019 Return on Rate Base Monthly Charge	\$67,522.00
SY 2019 Monthly Depreciation Charge	\$8,913.00
SY 2019 Preliminary Quantity Rate	0.39339
102,198,399 Gallons at 0.39339 per 1000 gallons	\$40,203.83

TOTAL DUE **\$116,638.83**

METER READINGS

	Date	Reading	Gallons Used	
24" Meter				
Present	1/31/2019	35,346,000	102,198,399	METER ROLL- OVER
Previous	1/1/2019	33,147,600		
TOTAL GALLONS USED			102,198,399	

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MONTHLY WATER BILL

Morton Grove Niles Water Commission
 C/O Village of Niles
 1000 Civic Center Drive
 Niles, Illinois 60714

Date: 7/11/2019
 Due Date: 8/11/2019
 Account No 510.12165

Current bill for 31 days from 01/01/19 to 01/31/19

SY 2019 Preliminary Quantity Rate		0.81000	
102,198,399 Gallons at	0.81000	per 1000 gallons	\$82,780.70

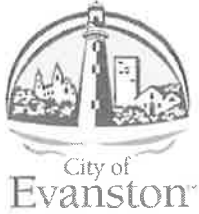
TOTAL DUE \$82,780.70

METER READINGS

	Date	Reading	Gallons Used	
24" Meter				
Present	1/31/2019	35,346,000	102,198,399	METER ROLL- OVER
Previous	1/1/2019	33,147,600		

TOTAL GALLONS USED **102,198,399**

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MONTHLY WATER BILL

Morton Grove Niles Water Commission
C/O Village of Niles
1000 Civic Center Drive
Niles, Illinois 60714

Date: 7/11/2019
Due Date: 8/11/2019
Account No 510.12165

Current bill for 28 days from 02/01/19 to 02/28/19

SY 2019 Preliminary Quantity Rate 0.81000
104,958,999 Gallons at 0.81000 per 1000 gallons \$85,016.79

TOTAL DUE \$85,016.79

METER READINGS

	Date	Reading	Gallons Used	
24" Meter				
Present	2/28/2019	40,305,000	104,958,999	METER ROLL- OVER
Previous	2/1/2019	35,346,000		

TOTAL GALLONS USED **104,958,999**

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555 Lincoln Street
Evanston, Illinois 60201
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F 847.475.8851
www.cityofevanston.org

MONTHLY WATER BILL

Morton Grove Niles Water Commission
C/O Village of Niles
1000 Civic Center Drive
Niles, Illinois 60714

Date: 7/11/2019
Due Date: 8/11/2019
Account No 510.12165

Current bill for 31 days from 03/01/19 to 03/31/19

SY 2019 Preliminary Quantity Rate 0.81000
53,018,000 Gallons at 0.81000 per 1000 gallons \$42,944.58

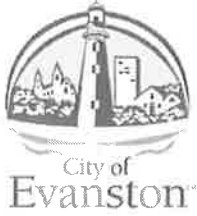
TOTAL DUE \$42,944.58

METER READINGS

	Date	Reading	Gallons Used
24" Meter			
Present	3/31/2019	93,323,000	53,018,000
Previous	3/1/2019	40,305,000	

TOTAL GALLONS USED 53,018,000

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MONTHLY WATER BILL

Morton Grove Niles Water Commission
 C/O Village of Niles
 1000 Civic Center Drive
 Niles, Illinois 60714

Date: 7/11/2019
 Due Date: 8/11/2019
 Account No 510.12165

Current bill for 30 days from 04/01/19 to 04/30/19

SY 2019 Preliminary Quantity Rate	0.81000	
88,452,999 Gallons at	0.81000	per 1000 gallons \$71,646.93

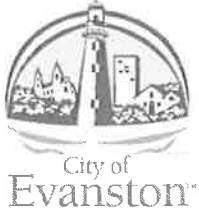
TOTAL DUE	\$71,646.93
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METER READINGS

	Date	Reading	Gallons Used	
24" Meter				
Present	4/30/2019	81,776,000	88,452,999	METER ROLL- OVER
Previous	4/1/2019	93,323,000		

TOTAL GALLONS USED	88,452,999
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Water Production Bureau
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 F 847.475.8851

MONTHLY WATER BILL

Morton Grove Niles Water Commission
 C/O Village of Niles
 1000 Civic Center Drive
 Niles, Illinois 60714

Date: 7/11/2019
 Due Date: 8/11/2019
 Account No 510.12165

Current bill for 31 days from 05/01/19 to 05/31/19

SY 2019 Preliminary Quantity Rate		0.81000	
85,802,000 Gallons at	0.81000	per 1000 gallons	\$69,499.62

TOTAL DUE \$69,499.62

METER READINGS

	Date	Reading	Gallons Used
24" Meter			
Present	5/31/2019	467,578,000	85,802,000
Previous	5/1/2019	381,776,000	

TOTAL GALLONS USED 85,802,000

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Evanston, Illinois 60201
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F 847.475.8851
www.cityofevanston.org

MONTHLY WATER BILL

Morton Grove Niles Water Commission
C/O Village of Niles
1000 Civic Center Drive
Niles, Illinois 60714

Date: 7/11/2019
Due Date: 8/11/2019
Account No 510.12165

Current bill for 30 days from 06/01/19 to 06/30/19

SY 2019 Preliminary Quantity Rate 0.81000
84,743,000 Gallons at 0.81000 per 1000 gallons \$68,641.83

TOTAL DUE \$68,641.83

METER READINGS

	Date	Reading	Gallons Used
24" Meter			
Present	6/30/2019	552,321,000	84,743,000
Previous	6/1/2019	467,578,000	

TOTAL GALLONS USED **84,743,000**

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Mail Invoices to:
Village of Niles
 Accounts Payable
 1000 Civic Center Drive
 Niles, IL 60714
 847-588-8000
 or email at
AccountsPayable@vniles.com



Purchase Order

Fiscal Year 2020

Page: 1 of: 1

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES AND SHIPPING PAPERS.	
Purchase Order #	206557

TAX EXEMPT No. E9998-1459-07 F.I.N. 36-6006016

RECEIVED

Pollardwater
 17515 Ne 67Th Court
 Redmond, WA 98052-4939

SHIP TO

NILES WATER PLANT
 7114 TOUHY AVENUE
 NILES, IL 60714
 Phone: 847-588-6630
 Fax: 847-588-6556

Vendor Phone Number		Vendor Email		Vendor Number		Delivery Reference	
757-989-2665				8821			
P.O. Date	Requisition Number	Requested by	Freight Method/Terms		Department/Location		
06/11/2019	208896	Bus, Susan			Public Works		
Item#	Description/PartNo			QTY	UOM	Unit Price	Extended Price
	UNIV JR VALVE KEY KIT - QUOTE NO. B063980						
1	18" Valve Key - Univ Jr Valve Key Kit Swiv GL Account: 50200 - 520117			1.0	EACH	\$315.00	\$315.00
2	3 FT Univ Valve Key Ext. GL Account: 50200 - 520117			3.0	EACH	\$54.86	\$164.58
3	Delivery GL Account: 50200 - 520117			1.0	EACH	\$39.52	\$39.52

By: Susan Bus
 Purchasing Agent

Total Ext. Price	\$519.10
Total Sales Tax	\$0.00
Total Freight	\$0.00
Total Discount	\$0.00
Total Credit	\$0.00
PO Total	\$519.10



Village of Niles
 1000 Civic Center Drive
 Niles, IL 60714
 AccountsReceivable@VNiles.com

Invoice Date: 07/09/2019

Customer Number: 56

Description	Quantity	Price	UOM	Original Bill	Adjusted	Paid	Amount Due
Morton Grove Niles Water Commission	1	\$19,652.00	EACH	\$19,652.00	\$0.00	\$0.00	\$19,652.00

June 2019 Monthly Installment for MGNWC Operations contract.

IF YOU HAVE ANY QUESTIONS, PLEASE CALL THE VILLAGE OF NILES FINANCE DEPT. MONDAY-FRIDAY 8:30 AM - 5:00 PM 847-588-8000	Invoice Total:	\$19,652.00
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PLEASE RETURN BOTTOM PORTION WITH PAYMENT



Mail your remittance to:

Village of Niles
 Finance Department
 1000 Civic Center Drive
 Niles, IL 60714
 AccountsReceivable@VNiles.com

INVOICE

Invoice Date	Invoice No.
07/09/2019	258
Customer Number	
56	
Invoice Total Due	
\$19,652.00	
Amount Paid	

56
 Morton Grove Niles Water Commission
 1000 Civic Center Drive
 Niles, IL 60714

TERMS NET 30 DAYS