



# TOWN OF NORTH CASTLE

## WATER & SEWER DEPARTMENT

15 Business Park Drive  
Armonk, New York 10504

[www.northcastleny.com](http://www.northcastleny.com)

914-273-1882

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Member

American Water Works Association

N.Y. Rural Water Association

N.Y. Water Environment Association

Westchester Water Works Conference

**Sal Misiti**  
Director of Water & Sewer Operations  
[smisiti@northcastleny.com](mailto:smisiti@northcastleny.com)  
[watersewer@northcastleny.com](mailto:watersewer@northcastleny.com)

### MEMORANDUM

To: Supervisor Schiliro & North Castle Town Board

From: Sal Misiti

Date: September 29, 2015

Cc: Joan Goldberg, Town Administrator

Re: North Castle Water District No.2  
Distribution System Replacement Project  
**Bilotta Construction Corporation Payment Application No. 15**

The following is a request for authorization of Payment Application No.15 to Bilotta Construction Corporation, for the above referenced project in the amount of \$322,669.02 which is the amount earned this pay period less a 5% retainage.

Our consultants for the project GHD Engineering have reviewed the attached documentation and approved the associated work provided by the contractor.

I have reviewed the attached documentation and the work provided thus far. I concur with our consultant and hereby respectfully request that the Board authorize the Supervisor to sign the Payment Application No.15 and approve payment.

Cc: Joseph Awald, P.E., GHD  
Denise Oakley, Comptroller w/certified payrolls

SM:sm  
Attachment

C:\WD2Dist.Sys.Bilotta.Payapp.15.doc

*Serving ~Armonk, No. White Plains, Quarry Heights, Whippoorwill, Windmill Farm*



September 29, 2015

Mr. Sal Misiti  
Director of Water & Sewer Operations  
North Castle Water & Sewer Department  
15 Business Park Drive  
Armonk, NY 10504

Re: Application and Certificate for Payment No. 15  
Town of North Castle Water District No. 2  
Water Distribution System Replacement  
GHD No. 8616265.21

Dear Mr. Misiti:

Enclosed are two copies of the Application and Certificate for Payment No. 15 for your consideration. We have reviewed and recommend the Application and Certificate for Payment for the indicated amount of \$322,669.02.

Please call if you have any questions.

Sincerely,

GHD CONSULTING SERVICES INC.



Joseph B. Awald, P.E.  
Project Manager

JBA/mrv  
Enclosure

cc: Roland Baroni, Esq., Stephens, Baroni, Reilly & Lewis, LLP (w/out enc.)  
Antoinette Bilotta, Bilotta Construction Corp. (w/out enc.)  
Kevin Castro, P.E., GHD (w/out enc.)  
Jan Salzman, P.E., GHD (w/out enc.)

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ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

# Contractor's Application for Payment No. 15

To	TOWN OF NORTH CASTLE	Application Period:	8/24/15-9/18/15	Application Date:	9/18/2015
Owner:	WATER DISTRIBUTION SYSTEM REPL	From (Contractor):	BILLOTTA CONSTRUCTION CORP	Via (Engineer):	GHD CONSULTING SERVICES
Contract:	1	Contractor's Project No.:	NORCASWM	Engineer's Project No.:	86-16265

## Application For Payment Change Order Summary


Approved Change Orders	Number	Additions	Deductions
#1	\$19,950.00	\$20,000.00	
#2	\$807,361.10	\$793,860.00	
#3	\$150,000.00		
TOTALS	\$977,311.10	\$813,860.00	
NET CHANGE BY CHANGE ORDERS		\$163,451.10	

1. ORIGINAL CONTRACT PRICE.....	\$ \$9,935,194.00
2. Net change by Change Order.....	\$ \$163,451.10
3. Current Contract Price (Line 1 + 2).....	\$ \$10,098,645.10
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimate).....	\$ \$9,410,745.01
5. RETAINAGE:	
a. 5% X \$9,410,745.01 Work Completed.....	\$ \$470,537.25
b. X       X       Stored Material.....	\$
c. Total Retainage (Line 5a + Line 5b).....	\$ \$470,537.25
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c).....	\$ \$9,620,207.75
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	\$ \$9,417,538.73
8. AMOUNT DUE THIS APPLICATION.....	\$ \$322,669.02
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G on Progress Estimate + Line 5 above).....	\$ \$1,158,437.35

### Contractor's Certification

The undersigned Contractor certifies that to the best of his knowledge: (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 Work covered by prior Applications for Payment; (2) title of 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 covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By:  Date: 9/28/15

Payment of:	\$ 322,669.02	(Line 8 or other - attach explanation of the other amount)
is recommended by:		9-29-15 (Engineer) (Date)
Payment of:	\$	(Line 8 or other - attach explanation of the other amount)
is approved by:		(Owner) (Date)
Approved by:		Funding Agency (if applicable) (Date)



## Contractor's Application

15

9/18/2015

		Work Completed				E		F		G
Specification Section No.	A Description	B Scheduled Value (\$)	C From Previous Application (C+D)	D This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)		
	MOBILIZATION	\$496,750.00	\$496,750.00			\$496,750.00	100.0%		\$5,000.00	
	DEMOLITION	\$5,000.00								
	INSURANCE AND BONDS	\$85,000.00	\$85,000.00			\$85,000.00	100.0%			
1010	SUMMARY OF WORK	\$5,000.00	\$4,500.00	\$100.00		\$4,600.00	92.0%	\$400.00		
1019	CONTRACT CONSIDERATIONS	\$2,500.00	\$2,275.00	\$100.00		\$2,375.00	95.0%	\$125.00		
1300	SUBMITTALS	\$2,500.00	\$2,225.00	\$50.00		\$2,275.00	91.0%	\$225.00		
1310	PROGRESS SCHEDULES	\$5,000.00	\$4,550.00	\$100.00		\$4,650.00	93.0%	\$350.00		
1380	CONSTRUCTION DOCUMENTATION	\$20,000.00	\$16,950.00			\$16,950.00	84.8%	\$3,050.00		
1400	QUALITY CONTROL	\$164,500.00	\$150,300.00	\$5,000.00		\$155,300.00	94.4%	\$9,200.00		
1500	TEMPORARY FACILITIES	\$60,000.00	\$51,200.00	\$5,000.00		\$56,200.00	93.7%	\$3,800.00		
1564	EROSION CONTROL	\$35,000.00	\$26,505.00	\$1,000.00		\$27,505.00	78.6%	\$7,495.00		
1600	MFT TRAFFIC	\$298,682.00	\$262,472.80	\$20,000.00		\$282,472.80	94.6%	\$16,209.20		
1600	MATERIALS & EQUIPMENT	\$10,000.00	\$9,250.00	\$750.00		\$10,000.00	100.0%		\$2,000.00	
1700	CONTRACT CLOSEOUT									
2662	WET TAPS	\$2,000.00								
	TEMPORARY SANITARY FACILITIES	\$12,000.00	\$11,671.34			\$11,671.34	97.3%	\$328.66		
		\$2,000.00	\$1,800.00	\$150.00		\$1,950.00	97.5%	\$50.00		
C1	NYS RTE 22 CROSSING	\$100,000.00						\$100,000.00		
C2	NORTH CASTLE ASSISTANCE	\$10,000.00						\$10,000.00		
C3	ADD PAVEMENT ALLOWANCE CO #2	\$433,560.00						\$433,560.00		
A-1	ADD F&I ABANDON 6' TAPPING SLEEVE COM2	\$13,500.00	\$13,500.00			\$13,500.00	100.0%			
A-1	COM3 COMP FOR ADDL EXC & BACKFILL ENTIRE PRJ	\$150,000.00	\$137,000.00	\$5,000.00		\$142,000.00	94.7%	\$8,000.00		

# Progress Estimate - Unit Price Work

# Contractor's Application

For (Contract):		TOWN OF NORTH CASTLE WATER DIST #2 DISTRIBUTION SYSTEM REPLACEMENT				Application Number:		15					
Application Period:		8/24/15-9/18/15				Application Date:		9/18/2015					
A		B		C		D		E		F		G	
Bid Item No.	Item Description	Bid Item Quantity	Unit Price	Bid Item Value (\$)	Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)			
B1	EXPLORATORY EXCAVATION	400	\$30.00	\$20,000.00	128.6	\$6,430.00		\$6,430.00	32.2%	\$13,570.00			
B2	EXCAVATE BELOW SUBGRADE	500	\$40.00	\$20,000.00	225.1	\$9,004.00		\$9,004.00	45.0%	\$10,996.00			
B3	ROCK EXCAVATION	1500	\$200.00	\$300,000.00	3315.36	\$663,072.00		\$663,072.00	221.0%	-\$363,072.00			
B4	6" DI WATER MAIN & FITTINGS	600	\$115.00	\$69,000.00	748	\$86,020.00		\$86,020.00	124.7%	-\$17,020.00			
B5	8" DI WATER MAIN & FITTINGS	48200	\$107.30	\$5,171,860.00	47681	\$5,116,171.30		\$5,116,171.30	98.9%	\$55,688.70			
B6	12" DI WATER MAIN & FITTINGS	1600	\$103.36	\$165,376.00	1434.25	\$148,244.08		\$148,244.08	89.6%	\$17,131.92			
B7	HYDRANT ASSEMBLY COMPLETE	120	\$3,925.00	\$471,000.00	90	\$353,240.00		\$353,240.00	75.0%	\$117,760.00			
B8	6" GATE VALVE IN PLACE	10	\$807.00	\$8,070.00	4	\$3,228.00		\$3,228.00	40.0%	\$4,842.00			
B9	8" GATE VALVE IN PLACE	110	\$1,121.00	\$123,310.00	110	\$123,310.00		\$123,310.00	100.0%				
B10	12" GATE VALVE IN PLACE	10	\$2,019.00	\$20,190.00	4	\$8,076.00		\$8,076.00	40.0%	\$12,114.00			
B11	COPPER SERVICE NEAR SID	173	\$1,852.00	\$320,396.00	174	\$322,248.00		\$322,248.00	100.6%	-\$1,852.00			
B12	COPPER SERVICE FAR SIDE	200	\$2,475.00	\$495,000.00	174	\$430,640.00		\$430,640.00	87.0%	\$64,360.00			
B13	UNST SOIL TYPE III	200	\$30.00	\$6,000.00						\$6,000.00			
B14	ADDL DI FITTINGS	13000	\$3.50	\$45,500.00	12372.85	\$43,364.98		\$43,364.98	95.2%	\$2,135.03			
B15	BACKFILL DOT TYPE 4	500	\$40.00	\$20,000.00	44.81	\$1,792.40		\$1,792.40	9.0%	\$18,207.60			
B16	PERMANENT REPLACEMENT PER G-42	17900	\$18.08	\$323,424.00									
B17	ABAND EXIST WATER SERVICE	373	\$100.00	\$37,300.00	359	\$35,900.00		\$35,900.00	96.2%	\$1,400.00			
B18	PERMANENT REPLACEMENT PER G-42	21900	\$20.00	\$43,800.00									
B19	ASPHALT CURB REPLACEMENT	2000	\$11.00	\$22,000.00	562	\$6,182.00		\$6,182.00	28.1%	\$15,818.00			
B20	CONCRETE CURB REPLACEMENT	1000	\$26.00	\$26,000.00						\$26,000.00			
B21	ABANDON EXIST VALVES	60	\$325.00	\$19,500.00	48	\$15,600.00		\$15,600.00	80.0%	\$3,900.00			
B22	EXIST HYDRANT REMOVAL	77	\$325.00	\$25,025.00	39	\$12,675.00		\$12,675.00	50.6%	\$12,350.00			
B23	ANTI SEEP COLLARS	125	\$425.00	\$53,125.00	67	\$28,475.00		\$28,475.00	53.6%	\$24,650.00			
B24	ASPHALT D/W RESTORATION	50	\$60.00	\$3,000.00						\$3,000.00			
B25	CONC D/W REPLACEMENT	10	\$450.00	\$4,500.00						\$4,500.00			
B26	ADD K KRETE ENCASSEMENT CO 1	114	\$175.00	\$19,950.00	264	\$46,200.00		\$46,200.00	231.6%	-\$26,250.00			
B27	PIPE ABANDONMENT	15	\$450.00	\$6,750.00						\$6,750.00			
B28	TEMP WATER SERVICE	7600	\$26.25	\$199,500.00	8692	\$228,165.00		\$228,165.00	114.4%	-\$28,665.00			
B29	SAMPLE STATIONS	8	\$3,500.00	\$28,000.00	6	\$21,000.00		\$21,000.00	75.0%	\$7,000.00			
B30	METER PITTS 1" SERVICE	2	\$2,000.00	\$4,000.00						\$4,000.00			
B31	FINAL CLEAN SITE RESTORATION	50500	\$1.00	\$50,500.00	14757	\$14,757.00		\$14,757.00	29.2%	\$35,743.00			
B32	PERMANENT MILLING REM PER G-42	12500	\$5.00	\$62,500.00									
B33	NAT GAS MAIN BEDDING	50	\$50.00	\$2,500.00	256	\$12,800.00		\$12,800.00	512.0%	-\$10,300.00			
B34	PIPE REMOVAL	1200	\$10.00	\$12,000.00						\$12,000.00			
B35	1-1/2" COPPER SERVICE	8	\$3,200.00	\$25,600.00	9	\$28,800.00		\$28,800.00	112.5%	-\$3,200.00			
B36	7" COPPER WATER SERVICE	8	\$3,800.00	\$30,400.00	2	\$7,600.00		\$7,600.00	25.0%	\$22,800.00			
B37	ASPHALT BINDER REPLACEMENT 4" WIDE PAY LIMIT	23861	\$15.10	\$360,301.10	21496.1	\$324,591.11		\$324,591.11	90.1%	\$35,709.99			
Totals				\$8,185,653.10		\$8,097,545.87		\$8,097,545.87	98.9%	\$88,107.23			