



March 4, 2013

Joseph E. Neglia, PE, PP, PLS
CEO, Chairman of the Board

Michael J. Neglia, PE, PP, PLS
President

Gregory Polyniak, PE, PP

Michael F. Bertliner

Thomas R. Sotfaro, PE, CME

Daniel Kaufman, PE, PP

Brian Intindola, PE

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Landscape Architecture

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Planning

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Honorable Mayor and Council
Borough of Edgewater
916 River Road
Edgewater, NJ 07020

**Re: Veterans Field Improvements
Super Storm Sandy Damage and Delays
NEA File No.: EDGWMUN11.014**

Dear Honorable Mayor and Members of the Council:

As you are aware, the above referenced project suffered significant damage from the effects of Super Storm Sandy, which consisted of flooding from storm surges and wind gusts above 70 miles per hour. Accordingly, the following is a description of the damage that was incurred and the reported labor and equipment to repair such:

Tree Damage and Removal / Decorative Fence Damage

During the course of the storm, several large diameter trees along River Road were uprooted due to the impacts of wind gusts, eventually landing on and damaging the six foot decorative fencing along the westerly portion of the park. It should be noted that the trees also downed utility poles and wires as well resulting in power outages. In response the contractor proceeded to remove and stockpile the damaged trees, in order to assist Public Service Electric and Gas with restoring power to the community. In addition, due to another predicted storm event which included a "High Wind Watch", the contractor was instructed to remove the remainder of the trees in order to avoid any additional damage or power outages, or threat to the public's health and safety. It should also be noted that this cleanup effort was also essential to emergency vehicles, since the damage completely impeded vehicular traffic due to an overall closure of River Road.

Soil Erosion and Flooding

During the storm event, it was reported that the storm surge exceeded the flood plain elevation, and submerged a large portion of the overall field and Community Center parking lot. In particular, the soil conditions along the southwest portion of the park were comprised, and in fact, the contractor's excavator submerged approximately eight feet into the soil. Accordingly, the contractor was instructed to remove the questionable soil and re-stabilize the area with suitable fill material. The Community Center parking lot also required a significant cleanup effort due to the accumulation of mud and debris. In addition, the recently topsoil and seeded area around the Community Center was also submerged and will require additional topsoil, fertilizing and hydroseeding.



Modular Block Retaining Wall and Drainage System

During the storm surges referenced above, a portion of the newly installed modular block retaining walls shifted, and a majority of the drainage facilities, piping and structures buckled as well. Therefore, with the assistance of the Department of Public Works, the drainage facilities were televised in order to pinpoint the damage, and revealed that a majority of the system was impacted and required repairs. In regards to the modular block retaining wall, the walls along the river front and the tennis courts suffered the most impact and will require repairs, along with other isolated areas that have been repaired.

In response to the above, it is our understanding that both the Borough and the Contractor filed claims with their respective insurance carriers, but were subsequently denied. Therefore, based on an email dated February 19, 2013 from the Borough, we have been instructed to prepare a Change Order to cover the repairs performed to date, along with the remaining estimated repairs, and will be forthcoming in anticipation of the March 18th, 2013 Mayor and Council meeting. In the meantime, the following is a breakdown of the costs incurred to date, along with an estimate for the remaining repairs:

Invoiced to Date

1. Community Center parking lot clean up	\$ 4,785.60
2. Tree removal, stockpiling and River Road clean up	\$ 57,427.20
3. Remove and replace drainage facilities	\$ 54,700.00
4. Reconstruct modular block retaining wall	\$ 1,750.00
5. Re-stabilization of southwest corner	\$ 26,499.84
6. Re-stabilization, regrading and compacting site	\$ 24,409.60

Remaining Repairs

1. Complete modular block retaining wall	\$ 18,250.00
2. Topsoil, fertilize and hydroseed Community Center	\$ 14,500.00

Total Estimated Damage Costs \$ 202,500.00

It should be noted that it is our understanding that the 6-foot high decorative fence damage referenced will be handled via a separate claim since the fence was installed under a separate contract a couple of years ago, and has not been included in the above referenced costs.

In addition to the above, be advised that the scheduled completion date has been compromised due to the damaged sustained, along with a significant winter shut down period. Therefore, a spring time opening is no longer anticipated at this time. However, a completion date cannot be determined at this time due to the possible consideration of raising the "great lawn" and walking path areas. As you are aware, a majority of the field was designed to be raised one foot above the floodplain elevation of 10.00. However, due to the effects of Super Storm Sandy and the Federal Emergency Management Agencies (FEMA) recently issued "Flood Advisory Maps", it is recommended that the Borough consider raising the elevations beyond the original elevations to avoid any possible future damage from similar storms such as Super Storm Sandy.



In regards to the Little League Field and being that such is 90 % completed and the grades have been established, we do not feel that it is feasible to attempt to raise the field beyond the design elevations. It should also be noted that the Little League Field did not sustain any damage due to the effects of Super Storm Sandy.

Based on the above and as requested, this office will prepare a Change Order reflecting the required repairs, assuming the Borough Attorney has reviewed and approved such. In addition, it is recommended that such costs be submitted to FEMA for possible reimbursement. In addition, upon authorization from the governing body, we will explore the possibility of raising the fields and walking path area as referenced above.

Should you have any questions, please do not hesitate to call.

Very truly yours,
Neglia Engineering Associates

A handwritten signature in black ink that reads 'Michael J. Neglia'.

Michael J. Neglia, P.E., P.L.S., P.P.
Borough Engineer
Borough of Edgewater

Very truly yours,
Neglia Engineering Associates

A handwritten signature in black ink that reads 'Michael F. Berliner'.

Michael F. Berliner
For the Borough Engineer
Borough of Edgewater

MFB/mjn/ag

CC: Gregory Franz, Borough Administrator
Phillip Boggia, Esq., Borough Attorney

Waterside Construction, LLC

22 Route #5

Edgewater, New Jersey 07020

February 27, 2013

Borough of Edgewater
55 River Road
Edgewater, New Jersey 07020

I N V O I C E

Waterside Construction provided the labor, materials, equipment and supervision to make repairs to Veteran's Field as a result of Hurricane Sandy.

- Community Center Cleanup - cleared areas around Community Center of mud and debris. Duration of cleanup: 1 ½ days
1 Operator @ \$96.36/hr = \$1,156.32
2 Laborers @ \$78.72/hr = \$1,889.28
1 Bucket Loader @ \$145/hr = \$1,740.00
Task Total \$ 4,785.60
- Tree Removal - Removal of 6 large diameter trees. Disposal of tree material by others. Duration of task: 10 ¾ days
1 Operator @ \$96.36/hr = \$8,286.96
2 Laborers @ \$78.72/hr = \$13,539.84
1 Bucket Loader @ \$145/hr = \$12,470.00
Task Total \$34,296.80
- Tree Disposal - Disposal of 4 trees not related to #2 above. Duration of task: 2 ¼ days
1 Operator @ \$96.36/hr = \$1,734.48
2 Laborers @ \$78.72/hr = \$2,833.92
1 Bucket Loader @ \$145/hr = \$2,610.00
Task Total \$ 7,178.40

4. Cleanup Along River Road - Assist PSE&G with cleanup efforts along River Road as they repair storm damaged equipment. Duration of cleanup: 5 days.
 1 Operator @ \$96.36/hr = \$3,854.40
 2 Laborers @ \$78.72/hr = \$6,297.60
 1 Bucket Loader @ \$145/hr = \$5,800.00
 Task Total \$15,952.00
5. Block Retaining Wall - Rebuilding of block retaining wall dislodged and shifted by storm surge and flood waters. The wall required dismantling, re-establishing a firm base and rebuilding of wall as per plans.
 100 square feet of wall @ \$17.50/sf
 Task Total \$ 1,750.00
6. Drainage Piping - Removal and replacement of drainage piping and reset drainage structures damaged and dislodged by storm surge. The task included removing and disposing of the damaged piping and re-grading the material for a new pipe bed.
 1700 linear feet of pipe removal/disposal @ \$3.50 = \$5,950.00
 1700 linear feet of regarding of pipe bed @ \$2.50 = \$4,250.00
 Reset 2 drainage structures @ \$1,000 = \$2,000.00
 1700 linear feet of new pipe installation @ \$25.00 = \$42,500.00
 Task Total \$54,700.00
7. Re-stabilization of Southwest Corner - Re-stabilized the southwest corner of the site severely impacted by floodwater. Site required extensive de-watering. Duration of the stabilization: 3 days
 4 Operators @ \$96.36 = \$9,250.56
 1 Laborer @ \$78.72 = \$1,889.28
 2 Excavators @ \$145/hr = \$6,960.00
 1 D25 Dump Truck @ \$125/hr = \$3,000.00
 1 6 inch pump w/ hoses @ \$100/hr = \$2,400.00
 Delivery & set up pump @ \$3,000.00
 Task Total \$26,499.84
8. Re-stabilization, Re-grading and Rolling - Re-stabilized, re-graded, and rolled the site left uneven due to floodwater. Duration of the task: 4 days
 3 Operators @ \$96.36 = \$9,250.56
 1 Laborer @ \$78.72 = \$2,519.04
 1 Excavator @ \$145/hr = \$4,640.00
 1 D25 Dump Truck @ \$125/hr = \$4,000.00
 1 Roller @ \$125/hr = \$4,000.00
 Task Total \$24,409.60

TOTAL INVOICE AMOUNT.....\$169,572.24

*******Please note that the following work remains to be completed.*******

- Sidewalk Repairs and Remove and Replace Fencing Along River Road
 - Approximately 1000 sq ft of Retaining Wall to be Removed & Reset
-



March 15, 2013

Honorable Mayor and Council
Borough of Edgewater
55 River Road
Edgewater, NJ 07020

**Re: Veterans Field Improvements
Super Storm Sandy Damage and Delays, Change Order No. 3
NEA File No.: EDGWMUN11.014**

Dear Honorable Mayor and Members of the Council:

In accordance with our March 4th, 2013 correspondence and discussions held at the Mayor and Council meeting of March 4th as well, please find enclosed Change Order No. 3 reflecting \$ 201,692.04, or a 2.79% increase for the repairs performed at the above referenced location due to Super Storm Sandy.

Should you have any questions, please do not hesitate to call.

Very truly yours,
Neglia Engineering Associates

Daniel C. Kaufman, P.E.
For the Borough Engineer
Borough of Edgewater

Very truly yours,
Neglia Engineering Associates

Michael F. Berliner
For the Borough Engineer
Borough of Edgewater

MFB/dck/ag

CC: Gregory Franz, Borough Administrator
Phillip Boggia, Esq., Borough Attorney

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**BOROUGH OF EDGEWATER
RESOLUTION**

COUNCILPERSON	YES	NO	ABSTAIN	ABSENT
HENWOOD				✓
DORAN	✓			
MONTE	✓			
VIDAL				✓
JORDAN	✓			
BARTOLOMEO	✓			
MAYOR				

DATE: March 18, 2013

RESOLUTION NO. 2013-084

INTRODUCED BY: *K. Doran*

SECOND BY: *D. Jordan*

**VETERANS FIELD IMPROVEMENTS
CHANGE ORDER NO. 3
NEA File No.: EDGWMUN 11.014**

BE IT RESOLVED by the Mayor and Council of the Borough of Edgewater, Bergen County, New Jersey upon the recommendation of the Borough Engineer that the Change Order for the Contract listed below be and is hereby approved.

BE IT RESOLVED that the Chief Financial Officer has certified that funds are available for this purpose as follows:

I, Joseph Iannaconi, Jr., C.F.O., has certified that funding is available for this purpose through 1474-2012.

Joseph Iannaconi, Jr.
JOSEPH IANNACONI, JR., C.F.O.

BE IT RESOLVED by the Mayor and Council of the Borough of Edgewater, Bergen County, New Jersey upon the recommendation of the Borough Engineer that the Change Order for the Contract listed below be and is hereby approved.

TITLE OF JOB: VETERANS FIELD IMPROVEMENTS – SUPERSTORM SANDY
DAMAGE AND DELAYS

CONTRACTOR: WATERSIDE CONSTRUCTION 22 ROUTE 5, EDGEWATER, NJ

CHANGE ORDER NO. 3

AMOUNT OF CHANGE THIS RESOLUTION: \$201,692.04 or a 2.79% increase

I, hereby certify that the above resolution was adopted by the Mayor and Council on March 18, 2013.

Barbara Rae
BARBARA RAE, RMC, CMC
Borough Clerk

CHANGE ORDER NO. 3

DATE: March 15, 2013

1 of 1

Borough of Edgewater
Bergen County

NAME OF CONTRACTOR:
Waterside Construction
22 Route 5
Edgewater, New Jersey 07020

NAME OF PROJECT:
Veteran's Field Improvements
Project No. EDGWMUN11.014

Gentlemen:

In accordance with the provisions of Section 109 - Measurement and Payment of the New Jersey Department of Transportation Standard Specifications for Road and Bridge Construction (2007 Ed), included as part of the specification for the above referenced contract, you are hereby advised of the following changes in the contract quantities or in case of supplementary work you agree to its performance by your firm at the price stated.

LOCATION OF PROPOSED CHANGE: Veteran's Field

NATURE AND REASON FOR CHANGE: Super Storm Sandy Damage Repairs

No.	Item	Quantity	Unit	Price	Amount
<u>Supplemental</u>					
S2	Community Center Parking Lot Clean Up	1.00	LS	\$4,785.60	\$4,785.60
S3	Tree Removal, Stockpiling and River Road Clean Up	1.00	LS	\$57,592.00	\$57,592.00
S4	Remove and Replace Drainage Facilities	1.00	LS	\$54,700.00	\$54,700.00
S5	Re-Stabalization of Southwest Corner	1.00	LS	\$26,499.84	\$26,499.84
S6	Re-Stabalization, Re-Grading and Compacting Site	1.00	LS	\$24,409.60	\$24,409.60

TOTAL SUPPLEMENTAL \$167,987.04

<u>Extra</u>					
12	Modular Block Wall	1100.00	SY	\$17.50	\$19,250.00
21	Top Soil (One Foot Depth)	2950.00	SY	\$4.25	\$12,537.50
23	Fertilize and Hydro Seed	2950.00	SY	\$0.65	\$1,917.50
					\$0.00
					\$0.00
					TOTAL EXTRA <u>\$33,705.00</u>

Reduction

TOTAL REDUCTION: \$0.00

AMOUNT OF ORIGINAL CONTRACT \$7,231,575.88

SUPPLEMENTAL \$167,987.04

EXTRA: \$33,705.00

REDUCTION: \$0.00

ADJUSTED AMOUNT BASED ON CHANGE ORDER NOS.: 1,2 and 3

\$7,433,192.12

\$201,692.04 2.79 % Increase

THIS CHANGE ORDER

\$201,616.24 2.79 % Increase

IN TOTAL CONTRACT TO DATE

David C. Klyner 3/15/13
(Municipal Engineer) (Date)

MUNICIPAL APPROVAL:

(Committee Chairman) (Date)

James F. Delaney 3-18-13
(Mayor) (Date)

ACCEPTED: MATTHEW VINCIG 3/15/13
(Contractor) (Date)

Barbara Rao 3-18-13
(Clerk) (Date)