

U.S. DEPARTMENT OF HOMELAND SECURITY  
FEDERAL EMERGENCY MANAGEMENT AGENCY

**PROJECT WORKSHEET**

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DECLARATION NO.		PW REF NO.		DATE	FIPS NO.	CATEGORY	EMMIE NO.
FEMA 4086 DR NJ		493009		07/16/13	025-04930-00	G	
APPLICANT						WORK COMPLETED AS OF:	
Belmar						DATE:	PERCENT:
						07/02/13	62%
DAMAGED FACILITY						COUNTY	
Maclearie Park						Monmouth	
LOCATION						LATITUDE	LONGITUDE
Maclearie Park						40.17920	-74.03670

Was this site previously damaged?  Yes  No  Unsure

**DAMAGE DESCRIPTION AND DIMENSIONS:**

During the Post-tropical Cyclone Sandy incident period, from 10/26/12 to 11/8/12, the storm driven tidal surge caused flood damage to the Maclearie Park facilities in Belmar, Monmouth County, NJ 07719. Constructed in 1998, the Maclearie park boardwalk and dock landings run parallel to a 1,700-ft steel bulkhead with concrete cap facing onto the Shark River. Landing areas connect the boardwalk to ramps and stairs that lead to floating docks. The damage includes the boardwalk "Trex" decking; the wood joist framework that supports the decking; the concrete piers that support the wood joist framework; the concrete cap on the steel bulkhead sheet piling; the washed out soil behind the bulkhead; the boardwalk lighting fixtures, including wood light posts and concrete footings; the electrical wiring and conduit; the wood stairways and railings leading from the landings to the docks; the damaged docks and Trex decking; the damaged chain link fencing; the washed out wood chip mulch on the playground surface.

GPS readings taken at center the boardwalk, Maclearie Park, Belmar, NJ  
See attached Narrative for detailed DAMAGE DESCRIPTION and MEASUREMENTS

**SCOPE OF WORK:**

Fund at %

**WORK COMPLETED**

At the time this PW was prepared, the sub grantee used donated labor and force account materials to complete 62% of the repair work on the boardwalk to return the facility to its pre-disaster design, capacity and function that existed immediately prior to the declared event. The uninstalled boardwalk decking and support joist materials are stockpiled at the site, but the sub grantee was unable to provide material receipts. The FEMA Project Specialist estimated the material only costs using the RS MEANS CostWorks 2013 for Zip Code 07762. The sub grantee may submit a separate PW to capture the donated labor hours.

**WORK TO BE COMPLETED**

For the walk way lights, chain link fencing, steel railings, wood stairs, floating docks, park benches and playground mulch, the FEMA Project Specialist estimated the replacement costs using RS MEANS CostWorks 2013 unit cost for Zip Code 07762, and the estimate is based upon the sub grantee taking competitive bids and using contracts to complete the work.

See attached Narrative for SCOPE OF WORK.

**PROJECT COST**

ITEM	CODE	NARRATIVE	QUANTITY	UNIT	UNIT PRICE	COST
1	0000	WORK COMPLETED				\$ -
2	9999	Repair Estimate - See attached CEF	1.00	LS	\$134,044.00	\$ 134,044.00
3	9901	Direct Administrative Cost - See attached Summary	2.00	LS	\$1,531.87	\$ 3,063.74
						\$ -
4	0000	WORK TO BE COMPLETED				\$ -
5	9999	Repair Estimate - See attached CEF	1.00	LS	\$80,458.00	\$ 80,458.00
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
SUBTOTAL FROM COST CONTINUATION PAGE(S)						\$ -
TOTAL PROJECT COST						\$ 217,565.74

PREPARED BY: John P. (Jay) Belli Jr. <i>J. Belli Jr. 7/17/13</i>	TITLE: Project Specialist
FEMA PAC CREW LEADER: Joseph Cabral <i>J. Cabral 7/18/13</i>	STATE PAC CREW LEADER: Sgt. Cathy Moldenauer
APPLICANT: Colleen Connolly <i>Colleen Connolly</i>	DATE: 7/24/13
	PHONE: 732-681-9191

FEDERAL EMERGENCY MANAGEMENT AGENCY

**NARRATIVE**

DECLARATION NO.				PW REF NO.	DATE	FIPS NO.	CATEGORY	EMMIE NO.
FEMA	4086	DR	NJ	493009	07/16/13	025-04930-00	G	

APPLICANT	COUNTY
Belmar	Monmouth

**NARRATIVE**

Maclearie Park

**DAMAGE DESCRIPTION**

The incident related tidal storm surge inundated and damaged or destroyed the following:

**DECKING:**

The boardwalk walkway surface consists of 1-in x 6-in composite "Trex" decking

- 10 Ft x 175 Ft = 1750 SF
- 8 Ft x 445 Ft = 3,560 SF
- 8 Ft x 880 Ft = 7,040 SF
- 8 Ft x 200 Ft = 1,600 SF
- 11 Ft x 18 Ft = 198 SF

Total boardwalk area: 12,573 SF

The landing walkway connects the boardwalk to the stairs and ramps; 1-in x 6-in composite "Trex" decking surface.

- (10 Ft x 22 Ft) x 2 = 440 SF
- (12 Ft x 21 Ft) x 4 = 1,080 SF
- (11 Ft x 22 Ft) x 4 = 968 SF
- 11 Ft x 60 Ft = 660 SF

Total landing area: 1,374 SF

TOTAL DECKING: Boardwalk: 12,573 SF + Landings: 1,374 SF = 15,522 SF

**DECKING SUPPORT FRAMEWORK:**

The framework joists are made of 3-in x 10-in wood joists on 18-in centers.

Rim joists: 1994-ft long x 2 sides = 3,988 LF

Joists: 1,117 U x 8-ft = 8133 LF + 175 U x 10-ft = 1750 LF + 287 U x 11-ft = 3157 LF + 224 U x 12-ft = 2688 LF. Total 15,728 LF

TOTAL FRAMEWORK: Rim 3,988 LF + Joists 15,728 LF = 19,916 LF

**CONCRETE:**

The boardwalk and landings are supported by concrete pier footings: (1-ft long x 1-ft wide x 1.5-ft deep. Total 1.5 CF each

1,994-ft x 2 sides x=3,988 LF / 8-ft OC = 499 piers x 1.5 CF/Pier = 749 CF/27 = 28 CY

Damaged (cracked-separated) concrete top cap on the bulkhead wall. 650-ft long x 2-ft wide x 1-ft deep; 1300 CF /27 CF/CY = 48 CY

Damaged concrete light post footings: 40 x 1.5 CF per post = 60 CF; / 27 = 2 CY

TOTAL CONCRETE: Piers 28 CY + Cap 48 CY + posts 2 CY = 78 CY

HAND RAILS: Damaged railings at stairs and ramps; (2) pipe rails 1-7/8-in galv. : 132 LF + 84 LF + 60-Ft + 11-Ft . Total: 287 LF

SOIL: Damaged (washed-out) soil behind the concrete cap on top of steel sheet piling. 650-ft long x 2-ft wide x 1-ft deep = 1300 CF / 27 = 48 CY; Convert CY to tons: 1.1 tons/CY ; Total soil: 53 tons

WALKWAY LIGHTS: Damaged walkway lights, incandescent lanterns on 6-in x 6-in x 3-ft high wood posts, 50-Ft on centers: 1994-ft long / 50-ft OC = 40 U

Damaged 3-Ft high x 6-in x 6-in treated wood posts: 40 U

ELECTRICAL WORK: Damaged electrical conduit (1 1/2-in inch dia): 1,994 LF

Damaged electrical wiring: 1994 LF x 3 wires = 5,982 LF. Total 60 CLF

WOOD STAIRS: South end: 10 Ft wide x 5 Ft high: 1 U

North end - divers stairs, 12 Ft wide x 3 Ft high: 1 U

DOCK: Damaged floating dock with Trex decking: 6 Ft wide x 45 Ft long = 270 SF

FENCE: Damaged chain link fence with 4 Ft wide gate: 30 LF

MULCH: Damaged playground mulch: 105 Ft x 53 Ft x (4 inch/12) = 1,837 CF

BENCHES: Damaged wood benches (6 Ft long). Total 11 U

PREPARED BY: John P. (Jay) Belli Jr.

TITLE: Project Specialist

## FEDERAL EMERGENCY MANAGEMENT AGENCY

**NARRATIVE**

DECLARATION NO.				PW REF NO.	DATE	FIPS NO.	CATEGORY	EMMIE NO.
FEMA	4086	DR	NJ	493009	07/16/13	025-04930-00	G	

APPLICANT	COUNTY
Belmar	Monmouth

## NARRATIVE (CONTINUED)

Maclearie Park

## SCOPE OF WORK

## DECKING:

Replace the decking walkway surface, 1-in x 6-in composite "Trex" decking flush with the surrounding grade.

Boardwalk: Total 14,148 SF

Landings connecting boardwalk to bulkhead: Total 1374 SF

TOTAL DECKING: Boardwalk: 14,148 SF + Landings: 1374 SF = 15,522 SF

## FRAMEWORK:

Replace boardwalk support framework, 3-in x 10-in wood joists on 18-in centers.

Rim joists: Total 3,988 LF

Cross joists: 15,728 LF

TOTAL FRAMEWORK: Rim joists: 3,988 LF + Joists: 15,728 = 19,916 LF

## CONCRETE:

Replace concrete piers supporting joists on 8-ft centers, embedded below grade. Total 28 CY

Replace concrete bulkhead cap. Total 48 CY

Replace concrete light post bases: Total 2 CY

TOTAL CONCRETE: Piers 28 CY + Caps 48 CY + Bases: 2 CY = 78 CY

HAND RAILS: Replace damaged railings at stairs and ramps; 1-7/8-in galv. two line pipe rails. Total: 287 LF

SOIL: Replace damaged (washed-out) soil behind the concrete cap on top of steel sheet piling. -650-ft long x 2-ft wide x 1-ft deep = 1300 CF / 27 = 48 CY; Convert CY to tons: 1.1 tons/CY; Total soil: 53 tons

WALKWAY LIGHTS: Replace damaged walkway lights, incandescent lanterns on 6-in wide x 6-in deep x 3-ft high wood posts, 50-Ft on centers: 1994-ft long / 50-ft OC = 40 U

Replace damaged 3-Ft high x 6-in x 6-in treated wood posts: 40 U

ELECTRICAL WORK: Replace damaged electrical conduit, 1 1/2-in dia. PVC: 1,994 LF

Replace damaged electrical wiring: 1994 LF x 3 wires = 5,982 LF. Total 60 CLF

WOOD STAIRS: Replace damaged wood stairs at South end: 10 Ft wide x 5 Ft high: 1 U

Replace damaged stairs to divers area, North end, 12 Ft wide x 3 Ft high: 1 U

DOCK: Replace damaged floating dock with Trex decking: 6 Ft wide x 45 Ft long = 270 SF

FENCE: Replace damaged chain link fence with 4 Ft wide gate: 30 LF

MULCH: Replace damaged (washed-out) playground mulch: 105 Ft x 53 Ft x (4 inch/12) = 1,837 CF

BENCHES: Replace damaged wood benches (6 Ft long). Total 11 U

PREPARED BY: John P. (Jay) Belli Jr.

TITLE: Project Specialist

and

Page 1 of 1								
FEDERAL EMERGENCY MANAGEMENT AGENCY								
<b>DAMAGE DESCRIPTION &amp; SCOPE OF WORK</b>								
DECLARATION NO.			PW REF NO.		DATE	FIPS NO.	CATEGORY	EMMIE NO.
FEMA	4086	DR	NJ	493009		07/16/13	025-04930-00	G
APPLICANT							COUNTY	
Belmar							Monmouth	
DAMAGE DESCRIPTION & SCOPE OF WORK (CONTINUED):								
<p>RECORD RETENTION: Complete records and cost documents for all approved work must be maintained for at least three (3) years from the date the project was completed or from the date final payment is received, whichever is later. Applicant is responsible for all documentation associated with this project.</p>								
<p>SUPPORTING DOCUMENTATION: 20% or more of the documentation to support this project has been reviewed and verified by the Applicant and Project Specialist for eligibility and correctness.</p>								
<p>PROCUREMENT: The Applicant is required to adhere to State Government procurement rules and regulations and maintain adequate records to support the basis for all purchasing of goods and materials and contracting services for projects approved under the Public Assistance program, as stated in 44 CFR 13.36. The applicant has advised they have/will follow their normal procurement procedures.</p>								
<p>PERMITS: The PA Project Specialist has advised the Applicant that it is their responsibility to obtain all applicable local, state and federal permits prior to any construction or debris disposal activity referenced on this project. Applicant has also been advised that the lack of obtaining and maintaining these permits may jeopardize funding.</p>								
<p>INSURANCE: The Applicant is aware that all projects are subject to an insurance review as stated in 44 CFR Sections 206.252 and 206.253. If applicable an insurance determination will be made either as anticipated proceeds or actual proceeds in accordance with the applicant's insurance policy that may affect the total amount of the project.</p>								
<p>DIRECT ADMINISTRATIVE COST: The sub grantee is requesting Direct Administrative Cost (DAC) that are directly chargeable to this specific project. Associated eligible work is related to the administration of the PA project only and in accordance with 44 CFR 13.22. These costs are treated consistently and uniformly as direct costs in all federal awards and other sub grantee activities and are not included in any approved indirect costs rates. The FEMA Project Specialist estimates for DAC related activities are presented on the Site Sheets.</p>								
<p>HAZARD MITIGATION MEASURES: Project was reviewed for 406 Hazard Mitigation and determination is made that mitigation is not feasible.</p>								
PREPARED BY: John P. (Jay) Belli Jr.						TITLE: Project Specialist		

FEDERAL EMERGENCY MANAGEMENT AGENCY

**9901-DIRECT ADMINISTRATIVE COSTS (SUBGRANTEE)**

DISASTER		APPLICANT		PW REF NO.	CATEGORY
4086	NJ	Belmar		493009	G
COUNTY		DATE		FIPS NO.	WORK STATUS
Monmouth		07/16/13		025-04930-00	Select Status

The sub-grantee is claiming actual or estimated Direct Administrative Costs associated with this Project Worksheet in accordance with PA Policy 9525.9. All costs must be documented at the time of grant closeout.

**LABOR SUMMARY**

NAME	TITLE	HOURS	RATE w/ FRINGE	COST
Colleen Connolly	Administrator	16	\$ 95.74	\$ 1,531.87
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
<b>LABOR SUBTOTAL</b>				<b>\$ 1,531.87</b>

**EQUIPMENT SUMMARY**

COST CODE	DESCRIPTION	HOURS OR MILES	RATE	COST
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
<b>EQUIPMENT SUBTOTAL</b>				<b>\$ -</b>

**MATERIAL SUMMARY**

OFFICE SUPPLIES DESCRIPTION	QUANTITY	UNIT PRICE	COST
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
OTHER MATERIAL DESCRIPTION	QUANTITY	UNIT PRICE	COST
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
<b>MATERIAL SUBTOTAL</b>			<b>\$ -</b>
<b>DIRECT ADMINISTRATIVE COSTS TOTAL</b>			<b>\$ 1,531.87</b>

I certify that the above information was obtained from our records, invoices, or other documents that are on file at our offices and available for audit.

Certified by: Colleen Connolly	Title: Administrator	Date:
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FEDERAL EMERGENCY MANAGEMENT AGENCY

**SPECIAL CONSIDERATIONS**

DISASTER	APPLICANT NAME	PW REF NO.	FIPS NO.	DATE
4086   NJ	Belmar	493009	025-04930-00	07/16/13

1. Does the damaged facility or item of work have insurance and/or is it an insurable risk? (e.g., buildings, equipment, vehicles, etc.)

Yes  No  Unsure

2. Is the damaged facility located within a floodplain or coastal high hazard area, or does it have an impact on a floodplain or wetland?

Yes  No  Unsure

3. Is the damaged facility or item of work located within or adjacent to a Coastal Barrier Resource System Unit or an Otherwise Protected Area?

Yes  No  Unsure

4. Will the proposed facility repairs/reconstruction change the pre-disaster condition? (e.g., footprint, material, location, capacity, use or function)

Yes  No  Unsure

5. Does the applicant have a hazard mitigation proposal or would the applicant like technical assistance for a hazard proposal?

Yes  No  Unsure

6. Is the damaged facility on the National Register of Historic Places or the state historic listing? Is it older than 50 years? Are there more, similar buildings near the site?

Yes  No  Unsure

Facility Constructed In: 1998

7. Are there any pristine or undisturbed areas on, or near, the project site? Are there large tracts of forestland?

Yes  No  Unsure

8. Are there any hazardous materials at or adjacent to the damaged facility and/or item of work?

Yes  No  Unsure

9. Are there any other environmentally or controversial issues associated with the damaged facility and/or item of work?

Yes  No  Unsure

Any change to the approved scope of work will require re-evaluation by the Environmental/Historic Preservation section for compliance with the environmental and historic preservation considerations under the National Environmental Policy Act. Noncompliance with this requirement may jeopardize federal funding.

10

Yes  No  Unsure

The facility is within 200-ft of the Shark River

PREPARED BY: John P. (Jay) Belli Jr.

# Monmouth County, NJ Preliminary Work Map



0 0.125 0.25 0.5 0.75 1 Miles

**Flood Hazard Information**

	0.2% Annual Chance Boundary		Published Transects
	1% Annual Chance Boundary		Mapping Transects
	Gutter Line		Shoreline
	LIMWA		Political Boundary
	Transect Station		Elevation 4
	AE		Elevation 6
	VE		Elevation 12
	AO		Elevation 16
	Shaded X (0.2% Floodplain)		
	Hurricane Sandy High Water Mark (HWM)		

*Elevation information is provided in feet NAVD83.  
High water marks are provided for reference to a historical storm event.  
They are not intended to be used for validation of the coastal mapping  
and are not expected to match the coastal EFES.*

## Panel 0341

This preliminary work map contains coastal flood hazard information only, riverine flood hazard information not included

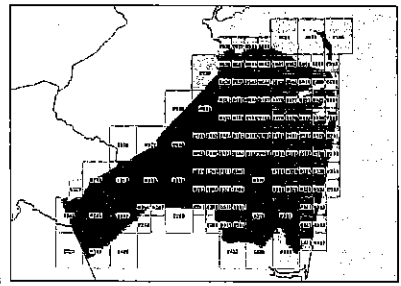



PHOTO SHEET

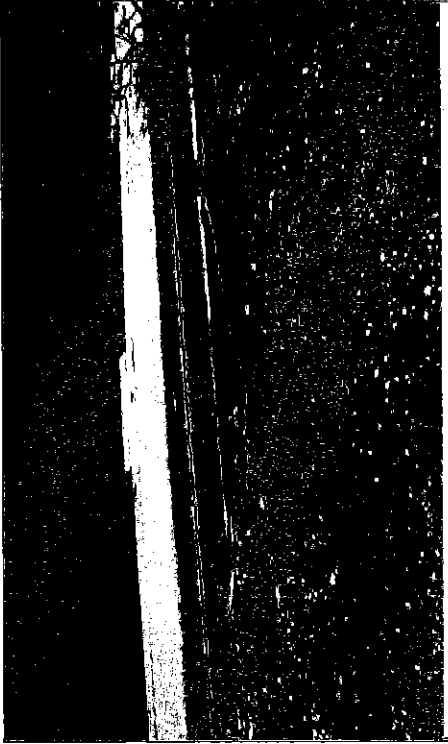
APPLICANT:	Belmar	CATEGORY:	G
FIPS NO:	025-04930-00	PW REF NO:	493009



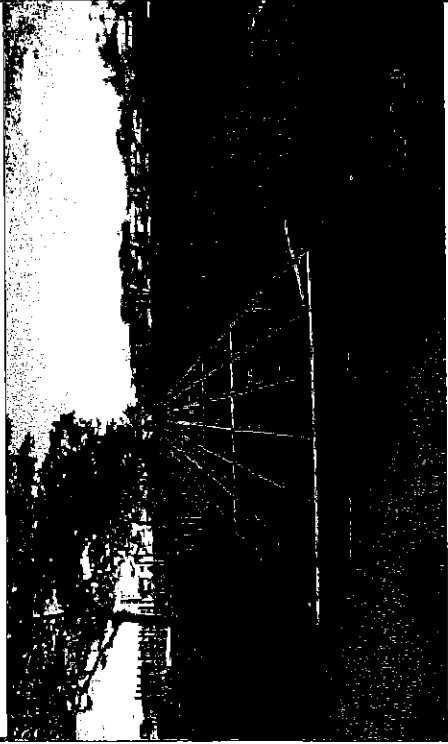
Damaged stairs and railing



Boardwalk materials - Trex decking



Damaged concrete bulkhead cap and soil wash-out



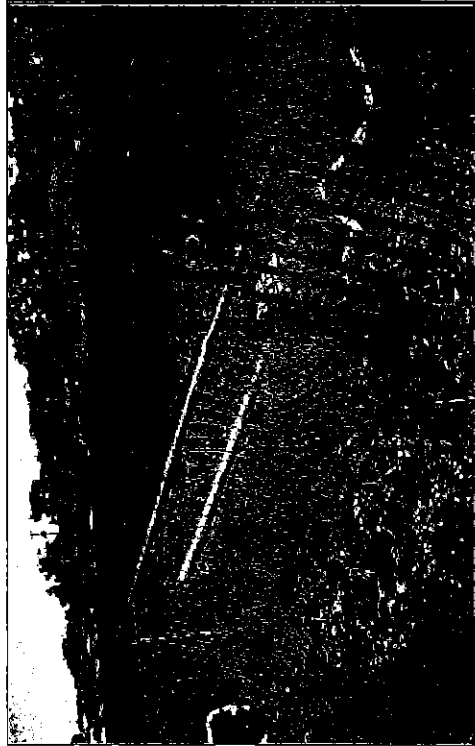
Boardwalk support framework - 3-in x 10-in treated timber on concrete piers



FEDERAL EMERGENCY MANAGEMENT AGENCY

# PHOTO SHEET

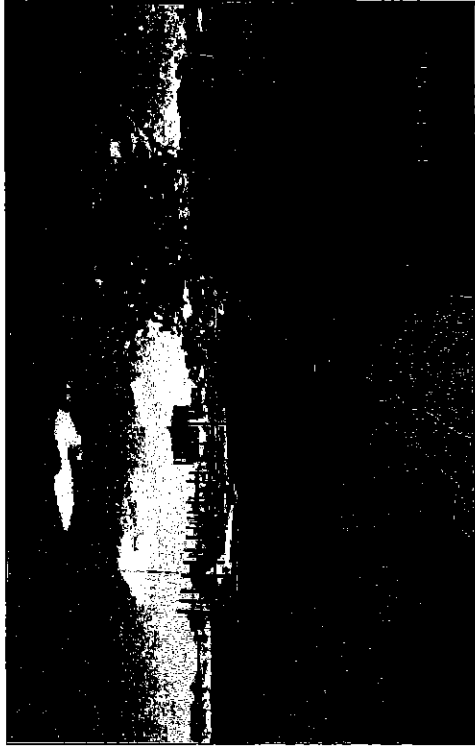
APPLICANT:	Belmer	DATE:	07/16/13
FIPS NO.:	025-04930-00	PWREF N:	493009



Damaged chain link fence



Damaged stair and railing



Damaged bulkhead concrete cap



Damaged light bollard wiring

FEDERAL EMERGENCY MANAGEMENT AGENCY

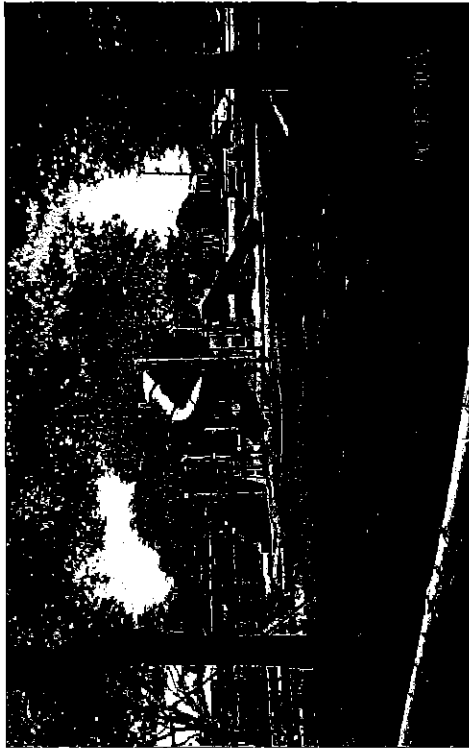
# PHOTO SHEET

APPLICANT: Belmar

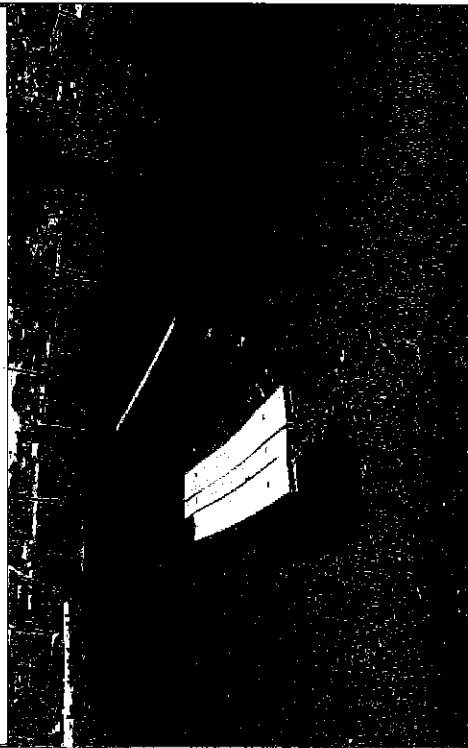
FIPS NO: 025-049-30-00

DATE: 07/18/13

PW/REF N: 493009



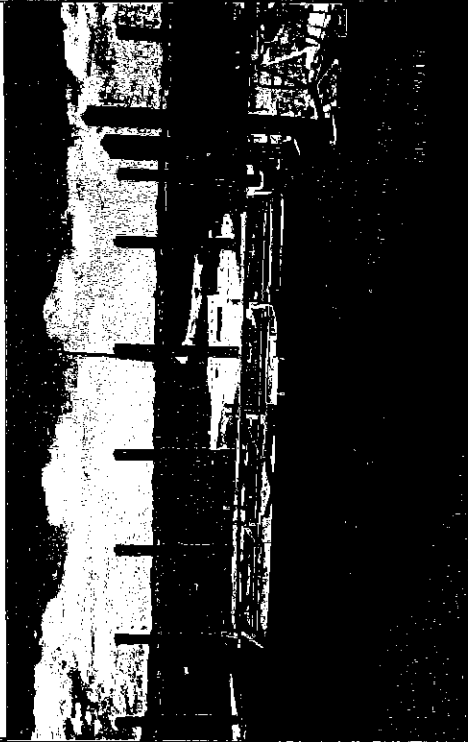
Damaged playground mulch



Damaged park bench



Damaged boardwalk and landing areas



Damaged dock

# CEF Fact Sheet

7/17/2013

## Belmar - 493009 Belmar-Maclearie Park

<b>Date of Estimate:</b>	July 16, 2013
<b>FEMA Region:</b>	II
<b>Preparer(s):</b>	John P. (Jay) Belli Jr.
<b>Applicant Name:</b>	Belmar
<b>Project Title:</b>	Maclearie Park
<b>Damaged Facility:</b>	<b>493009 Belmar-Maclearie Park</b>
<b>Declaration Number:</b>	DR 4086 NJ
<b>Project Number:</b>	493009
<b>PA ID No.:</b>	025-049300-00
<b>Date of Inspection:</b>	June 7, 2013
<b>Event Date(s)</b>	10/26/2012- 11/8/2012
<b>Work Category:</b>	G
<b>Type of Work:</b> <i>(Enter New, Repair, etc.)</i>	Repair
<b>Preparer's Notes:</b>	
<p><b>DESCRIPTION:</b> During the Post-tropical Cyclone Sandy incident period, from 10/26/12 to 11/8/12, the storm driven tidal surge caused flood damage to the Maclearie Park facilities in Belmar, Monmouth County, NJ 07719. Constructed in 1998, the Maclearie park boardwalk and dock landings run parallel to a 1,700-ft steel bulkhead with concrete cap facing onto the Shark River. Landing areas connect the boardwalk to ramps and stairs that lead to floating docks. The damage repairs include "in kind" replacement of the boardwalk with "Trex" decking; replacing the wood joists that support the decking; replacing the concrete piers that support the wood joist framework; repairing the concrete cap on the steel bulkhead sheet piling; replacing the washed out soil behind the bulkhead; replacing the boardwalk lighting fixtures, including wood light posts and concrete footings; replacing the electrical wiring and conduit; replacing the wood stairways and railings leading from the landings to the docks; replacing the damaged docks and Trex decking, replacing the damaged chain link fencing; and replacing washed out wood chip mulch on the playground surface.</p> <p><b>STATUS:</b> At the time this CEF was prepared, the applicant had completed 62% of the repair work and the materials are stockpiled at the site.</p> <p><b>PROJECT DELIVERY METHOD:</b> The sub grantee purchased the boardwalk decking materials and intends to use donated labor to reinstall the boardwalk to it's pre-incident design. Since the sub grantee was unable to provide the FEMA project specialist with a proposed delivery method for the remaining specialty work such as electrical, and the estimate is based upon the sub grantee taking competitive bids and using sub contracts.</p> <p><b>SOURCE OF UNIT COST DATA:</b> At the time of the PW preparation, the applicant was unable to produce documentation for the cost of the materials cost intended for use in making the repairs. The FEMA Project Specialist estimated the material costs and the contract costs using unit cost data from RS MEANS CostWorks 2013 for Zip Code 07762, locality for 07719: Long Branch, NJ; Cost Factor = 1.0. The sub grantee may submit a separate PW to capture the donated labor hours.</p>	

# CEF Notes

7/17/2013

## Belmar - 493009 Belmar-Maclearie Park

<b>Damaged Facility:</b>	493009 Belmar-Maclearie Park
<b>Applicant Name:</b>	Belmar
<b>Project Number:</b>	493009
<b>Date of Estimate:</b>	July 16, 2013
<b>Preparer(s):</b>	John P. (Jay) Belli Jr.
<b>Part A Notes:</b>	<p>A.1 - Unit costs are from RS Means CostWorks 2013. The Locality for Zip Code 07719 is Long Branch, NJ, and the Cost Adjustment Factor is 1.0.</p> <p>A.2 - There is no non-permanent work</p>
<b>Part B Notes:</b>	<p>B.1 - General requirements allowances: safety 4%, temp. services, quality control, submittals .5% each</p> <p>B.2 - Factor OFF: General Conditions are Not Applicable</p>
<b>Part C Notes:</b>	<p>C.1 - Factor OFF: The project scope is well defined and there are no design contingencies</p> <p>C.2 - Factor OFF: There are no constructability issues</p> <p>C.3 - Factor OFF: There are no access or staging issues</p> <p>C.4 - Factor OFF: The project is too small for economies of scale.</p>
<b>Part D Notes:</b>	<p>D.1 - Factor OFF: The applicant is serving as their own General Contractor</p> <p>D.2 - Factor OFF: N/A</p> <p>D.3 - Factor OFF: N/A</p>
<b>Part E Notes:</b>	E - Cost Escalation Factor ON: Allow 5 months at .21%/month to the mid poin of construction
<b>Part F Notes:</b>	<p>F.1 - Factor OFF: There are no plan review fees.</p> <p>F.2 - Factor ON: Allowances are included for Building, Electric and Fire Permits.</p>
<b>Part G Notes:</b>	G.1 - Factor OFF: There s no Applicant Change Order Reserve.
<b>Part H Notes:</b>	<p>H.1 - Factor OFF: There is no applicant project management for the design phase.</p> <p>H.2 - Factor ON: The standard 3% CEF factor is included for basic inspection services</p> <p>H.3 - Factor ON: the standard 6% CEF factor is included for project management services</p>
<b>Miscellaneous Notes &amp; Comments:</b>	

**CEF Part A**

7/17/2013

**Belmar - 493009 Belmar-Maclearie Park**

Item No.	Item Description Title / Component Description	Div. # or Cost Code	Qty	Units	Unit Price	City Adj Factor	Total Cost
<b>Completed Work Items</b>							
<b>Completed Permanent Items</b>							
	Material only (Donated Labor)				\$ -		\$ -
1	Replace concrete piers 16-in dia., includes forms and rebar	03305 340 0700	78.00	CY	\$ 380.00	1.0	\$ 29,640.00
2	Replace wood joists, 3-in x 10-in, 18-in on ctr., treated wood	6112 018 2400	19,916.00	LF	\$ 2.53	1.0	\$ 50,387.48
3	Replace boardwalk decking, Trex recycled 2-in x 8-in	06111 018 2400	15,522.00	SF	\$ 3.48	1.0	\$ 54,016.56
					\$ -		\$ -
<b>Completed - Permanent Total</b>							<b>\$ 134,044.04</b>
<b>Completed Non-Permanent Items</b>							
					\$ -		\$ -
					\$ -		\$ -
					\$ -		\$ -
					\$ -		\$ -
<b>Completed - Non-Permanent Total</b>							<b>\$ -</b>



**CEF Summary of Completed Work**

7/17/2013

**Belmar - 493009 Belmar-Maclearie Park**

		Repair		\$	-	\$	-	\$	-	Total
<b>A "Base Costs" for Construction Work-In Trades</b>										
A.1	Permanent Work (CEF Part A)	\$	134,044							\$ 134,044
A.2	Non-Permanent Job Specific Work (CEF Part A)					\$	-			\$ -
<b>Part A Total</b>		\$	134,044	\$	-	\$	-	\$	-	\$ 134,044
<b>B General Requirements and General Conditions</b>										
B.1	General Requirements	Guide Low to High		Enter % in Appropriate Column						
	Safety & Security	4%	6.0%							
	Temporary Services & Utilities	0%	1.0%							
	Quality Control	0%	1.0%							
	Submittals	0%	5.0%							
		\$	-	\$	-	\$	-	\$	-	\$ -
B.2	General Conditions (4.25%)									
		\$	-	\$	-	\$	-	\$	-	\$ -
<b>Part B Total</b>		\$	-	\$	-	\$	-	\$	-	\$ -
<b>PART A through B SUBTOTAL</b>		\$	134,044	\$	-	\$	-	\$	-	\$ 134,044
<b>C Construction Cost Contingencies</b>										
C.1	Design-Phase Scope Contingencies	Guide Low to High		Enter % in Appropriate Column						
	Preliminary Engineering Analysis	7.0%	20.0%							
	Working Drawings	2.0%	10.0%							
		\$	-	\$	-	\$	-	\$	-	\$ -
C.2	Facility or Project Constructability	Enter % in Appropriate Column								
	Facility or Project Type and Complexity	See IG for Values								
		\$	-	\$	-	\$	-	\$	-	\$ -
C.3	Access, Storage & Staging	Guide Low to High		Enter % in Appropriate Column						
	Access Contingencies	0.0%	4.0%							
	Storage Contingencies	0.0%	4.0%							
	Staging Contingencies	0.0%	4.0%							
		\$	-	\$	-	\$	-	\$	-	\$ -
C.4	Economies of Scale									
		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
		\$	-	\$	-	\$	-	\$	-	\$ -
<b>Part C Total</b>		\$	-	\$	-	\$	-	\$	-	\$ -
<b>PART A through C SUBTOTAL</b>		\$	134,044	\$	-	\$	-	\$	-	\$ 134,044
<b>D General Contractor's Overhead and Profit</b>										
D.1	GC's Home Office Overhead	7.7%								
		\$	-	\$	-	\$	-	\$	-	\$ -
D.2	GC's Insurance, Payment & Performance Bonds	3.3%								
		\$	-	\$	-	\$	-	\$	-	\$ -
D.3	General Contractor's Profit									
		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
	New Construction									
	Repair/Retrofit									
		\$	-	\$	-	\$	-	\$	-	\$ -
<b>Part D Total</b>		\$	-	\$	-	\$	-	\$	-	\$ -
<b>PART A through D SUBTOTAL</b>		\$	134,044	\$	-	\$	-	\$	-	\$ 134,044

CEF Summary of Completed Work

7/17/2013

Belmar - 493009 Belmar-Maclearie Park

		Repair		\$	-	\$	-	\$	-	Total
<b>E Cost Escalation Factors</b>										
Cost Escalation Factor	Months									
	Monthly Factor									
Part E Total		\$	-	\$	-	\$	-	\$	-	\$
<b>PART A through E SUBTOTAL</b>		\$	134,044	\$	-	\$	-	\$	-	\$ 134,044
<b>F Plan Review and Permit Construction Cost</b>										
F.1	Plan Review Fees									
(List Individual Requirements Separately)										
Part F Total		\$	-	\$	-	\$	-	\$	-	\$
F.2	Construction Permit Fees									
(List Individual Requirements Separately)										
Part F Total		\$	-	\$	-	\$	-	\$	-	\$
<b>PART A through F SUBTOTAL</b>		\$	134,044	\$	-	\$	-	\$	-	\$ 134,044
<b>G Applicant's Reserve for Change Orders</b>										
Applicant's Reserve for Change Orders		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Part G Total		\$	7.0%	\$	7.0%	\$	7.0%	\$	7.0%	\$
<b>PART A through G SUBTOTAL</b>		\$	134,044	\$	-	\$	-	\$	-	\$ 134,044
<b>H Applicant's Project Management And Design Costs</b>										
H.1	Applicant's Project Management - Design Phase	1.0%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Part H Total		\$	-	\$	-	\$	-	\$	-	\$
H.2	A/E Design Contract Applicability									
Above Average Complexity (Curve A)		<input type="checkbox"/>	24.8%	<input type="checkbox"/>	5.6%	<input type="checkbox"/>	5.6%	<input type="checkbox"/>	5.6%	<input type="checkbox"/>
Average Complexity (Curve B)		<input type="checkbox"/>	13.9%	<input type="checkbox"/>	4.5%	<input type="checkbox"/>	4.5%	<input type="checkbox"/>	4.5%	<input type="checkbox"/>
Basic Construction Inspection Services		<input type="checkbox"/>	3.0%	<input type="checkbox"/>	3.0%	<input type="checkbox"/>	3.0%	<input type="checkbox"/>	3.0%	<input type="checkbox"/>
A/E Design Contract Cost										
Above Average Complexity (Curve A)		\$	-	\$	-	\$	-	\$	-	\$
Average Complexity (Curve B)		\$	-	\$	-	\$	-	\$	-	\$
Basic Construction Inspection Services		\$	-	\$	-	\$	-	\$	-	\$
Part H Total		\$	-	\$	-	\$	-	\$	-	\$
<b>PART A through H SUBTOTAL</b>		\$	134,044	\$	-	\$	-	\$	-	\$ 134,044
<b>TOTAL OF COMPLETED WORK</b>										\$ 134,044



CEF Summary of Uncompleted Work

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Belmar - 493009 Belmar-Maclearie Park

		Repair		\$	-	\$	-	\$	-	Total
<b>A "Base Costs" for Construction Work-In Trades</b>										
A.1	Permanent Work (CEF Part A)	\$	68,805							\$ 68,805
A.2	Non-Permanent Job Specific Work (CEF Part A)									\$ -
Part A Total		\$	68,805	\$	-	\$	-	\$	-	\$ 68,805
<b>B General Requirements and General Conditions</b>										
B.1	General Requirements	Guide Low to High		Enter % in Appropriate Column						
	Safety & Security	4%	6.0%	4.0%						
	Temporary Services & Utilities	0%	1.0%	0.5%						
	Quality Control	0%	1.0%	0.5%						
	Submittals	0%	5.0%	0.5%						
		\$	3,784	\$	-	\$	-	\$	-	\$ 3,784
B.2	General Conditions (4.25%)									
Part B Total		\$	3,784	\$	-	\$	-	\$	-	\$ 3,784
PART A through B SUBTOTAL		\$	72,589	\$	-	\$	-	\$	-	\$ 72,589
<b>C Construction Cost Contingencies</b>										
C.1	Design-Phase Scope Contingencies	Guide Low to High		Enter % in Appropriate Column						
	Preliminary Engineering Analysis	7.0%	20.0%							
	Working Drawings	2.0%	10.0%							
		\$	-	\$	-	\$	-	\$	-	\$ -
C.2	Facility or Project Constructability	See IG for Values		Enter % in Appropriate Column						
		\$	-	\$	-	\$	-	\$	-	\$ -
C.3	Access, Storage & Staging	Guides Low to High		Enter % in Appropriate Column						
	Access Contingencies	0.0%	4.0%							
	Storage Contingencies	0.0%	4.0%							
	Staging Contingencies	0.0%	4.0%							
		\$	-	\$	-	\$	-	\$	-	\$ -
C.4	Economies of Scale									
		\$	-	\$	-	\$	-	\$	-	\$ -
Part C Total		\$	-	\$	-	\$	-	\$	-	\$ -
PART A through C SUBTOTAL		\$	72,589	\$	-	\$	-	\$	-	\$ 72,589
<b>D General Contractor's Overhead and Profit</b>										
D.1	GC's Home Office Overhead	7.7%								
		\$	-	\$	-	\$	-	\$	-	\$ -
D.2	GC's Insurance, Payment & Performance Bonds	3.3%								
		\$	-	\$	-	\$	-	\$	-	\$ -
D.3	General Contractor's Profit									
		0.0%	0.0%	0.0%	0.0%	0.0%				
	New Construction									
	Repair/Retrofit									
		\$	-	\$	-	\$	-	\$	-	\$ -
Part D Total		\$	-	\$	-	\$	-	\$	-	\$ -
PART A through D SUBTOTAL		\$	72,589	\$	-	\$	-	\$	-	\$ 72,589

**CEF Summary of Uncompleted Work**

7/17/2013

**Belmar - 493009 Belmar-Maclearie Park**

		Repair	\$	-	\$	-	\$	-	Total
<b>E Cost Escalation Factors</b>									
Cost Escalation Factor	Months	5							
	Monthly Factor	0.200%							
<b>Part E Total</b>		\$ 726	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 726
<b>PART A through E SUBTOTAL</b>		\$ 73,315	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73,315
<b>F Plan Review and Permit Construction Cost</b>									
F.1	Plan Review Fees	(List Individual Requirements Separately)							
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
F.2	Construction Permit Fees								
	Electrical	\$ 500							
		\$ 500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500
<b>- Part F Total</b>		\$ 500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500
<b>PART A through F SUBTOTAL</b>		\$ 73,815	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73,815
<b>G Applicant's Reserve for Change Orders</b>									
Applicant's Reserve for Change Orders		7.0%	7.0%	7.0%	7.0%	7.0%			
<b>PART G Total</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>PART A through G SUBTOTAL</b>		\$ 73,815	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73,815
<b>H Applicant's Project Management And Design Costs</b>									
H.1	Applicant's Project Management - Design Phase	1.0%							
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
H.2	A/E Design Contract Applicability								
	Above Average Complexity (Curve A)	26.8%	5.6%	5.6%	5.6%	5.6%			
	Average Complexity (Curve B)	14.6%	4.5%	4.5%	4.5%	4.5%			
	Basic Construction Inspection Services	3.0%	3.0%	3.0%	3.0%	3.0%			
	A/E Design Contract Cost								
	Above Average Complexity (Curve A)	\$ -	\$ -	\$ -	\$ -	\$ -			
	Average Complexity (Curve B)	\$ -	\$ -	\$ -	\$ -	\$ -			
	Basic Construction Inspection Services	\$ 2,214	\$ -	\$ -	\$ -	\$ -			
		\$ 2,214	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,214
H.3	Project Management - Construction Phase	6.0%	6.0%	6.0%	6.0%	6.0%			
		\$ 4,429	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,429
<b>Part H Total</b>		\$ 6,643	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,643
<b>PART A through H SUBTOTAL</b>		\$ 80,458	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,458
<b>TOTAL OF UNCOMPLETED WORK</b>									<b>\$ 80,458</b>

# CEF Total Project Summary

7/17/2013

## Summary

### Belmar - 493009 Belmar-Maclearie Park

		Completed	Uncompleted	Total
<b>Complete Project Total for Completed and Uncompleted Work</b>		\$ 134,044	\$ 80,458	\$ 214,502
<b>PART A</b>	<b>"Base Costs" for Construction Work in Trades</b>	\$ 134,044	\$ 68,805	\$ 202,849
	A.1 Permanent Work	\$ 134,044	\$ 68,805	\$ 202,849
	A.2 Non-Permanent Job Specific Work (CEF Part A)	\$ -	\$ -	\$ -
<b>PART B</b>	<b>General Requirements and General Conditions</b>	\$ -	\$ 3,784	\$ 3,784
	B.1 General Requirements	\$ -	\$ 3,784	\$ 3,784
	B.2 General Conditions	\$ -	\$ -	\$ -
<b>PART C</b>	<b>Construction Cost Contingencies (Design and Construction)</b>	\$ -	\$ -	\$ -
	C.1 Standard Design-Phase Scope Contingencies	\$ -	\$ -	\$ -
	C.2 Facility or Project Constructability	\$ -	\$ -	\$ -
	C.3 Access, Storage, and Staging Contingencies	\$ -	\$ -	\$ -
	C.4 Economies of Scale in New Construction	\$ -	\$ -	\$ -
<b>PART D</b>	<b>General Contractor's Overhead and Profit</b>	\$ -	\$ -	\$ -
	D.1 General Contractor's Home Office Overhead Costs	\$ -	\$ -	\$ -
	D.2 General Contractor's Insurance, Payment, and Performance Bonds	\$ -	\$ -	\$ -
	D.3 Contractor's Profit	\$ -	\$ -	\$ -
<b>PART E</b>	<b>Cost Escalation Allowance</b>	\$ -	\$ 726	\$ 726
<b>PART F</b>	<b>Plan Review and Construction Permit Costs</b>	\$ -	\$ 500	\$ 500
	F.1 Plan Review Fees	\$ -	\$ -	\$ -
	F.2 Construction Permit Fees	\$ -	\$ 500	\$ 500
<b>PART G</b>	<b>Applicant's Reserve for Construction</b>	\$ -	\$ -	\$ -
<b>PART H</b>	<b>Applicant's Project Management and Design Costs</b>	\$ -	\$ 6,643	\$ 6,643
	H.1 Applicant's Project Management - Design Phase	\$ -	\$ -	\$ -
	H.2 Architecture & Engineering Design Contract Costs	\$ -	\$ 2,214	\$ 2,214
	H.3 Project Management - Construction Phase	\$ -	\$ 4,429	\$ 4,429