

Community Development Block Grant Disaster Recovery (CDBG-DR)

Application from the



Department of Community/Economic Development
2725 Main Street
Stratford, CT 06615

for the funding of a

Coastal Resiliency Plan

Table of Contents

	<u>Section</u>	<u>Page No.</u>
1.	Project Information	3
2.	Project Funding	4
3.	Project Implementation	6
4.	Site and Building Information (N/A)	7
5.	Construction Documents (N/A)	10
6.	Evaluation Requirements	11
7.	Certification	14
8.	Applicable Exhibits	15

General Information

Purpose: CDBG-DR is providing assistance to communities for the purpose of providing municipalities with support for local planning, public facilities and infrastructure projects to repair and bolster existing systems damaged by Hurricane Sandy and to strengthen resiliency against future storm and disaster events. For additional detailed information please refer to the CDBG-DR Program Guide for Public Facilities and Infrastructure (At the CT – DOH website - Hurricane Sandy)

Application and Program Procedures

Program procedures including drawdown, construction and monitoring will be included in individual grant agreements following formal award notice and will be discussed in detail between approved grantees and DOH - CDBG-DR. (Note: This Application is a Word Document that can be copied and expanded with your responses.)

Applicant Information

Applicant Name Town of Stratford

Applicant Address 2725 Main Street

City Stratford County Fairfield State CT Zip 06615

Authorized Individual Name John A. Harkins Title Mayor

Contact Name C. Duncan Yetman, Jr. Title Community Development Administrator

Phone 203-385-4028 Fax 203-381-6940

E-Mail dyetman@townofstratford.com FEIN # 06-6002103

DUNS # 072134414 CCR# 47HZ9

Did a consultant prepare this application? Yes No

If yes, provide the following:

Consultant Name _____ Phone # _____

Company (if applicable) _____

Address _____

City _____ State _____ Zip _____

E-Mail _____

Project Description

Project Name Town of Stratford Coastal Resiliency Plan

Project Address 2725 Main Street, Stratford, CT 06615

County Fairfield

Census Tract Portions of CTs 805, 807, 808, and 812; All of CTs 804 and 806

See Block Group Table below

Census Tract	Affected Block Groups
804	1, 2, and 3
805	1, 2, and 3
806	1 and 2
807	1
808	1
812	1

Congressional District 3rd

State Senate District 21st and 23rd State House District 120th, 121st, and 122nd

CDBG-DR Grant Request: \$ 100,000 Total Project Cost: \$ 100,000

Total Amount of Additional Sources of Funding for Project (Include all other disaster related assistance) by Town : \$ _____ (cash, not in-kind)

1. Project Information

1.1 Eligible Activity

- Repair & Rehab Public Facility Mitigation/Resiliency
 Repair Infrastructure Infrastructure Related Activities

1.2 Project Type

- Public Facility Infrastructure Planning

1.3 Is this project a continuation of an earlier project Yes _____ No X

1.4 Is the project part of phased improvements? Yes _____ No X

1.5 Will any previous undeveloped land be disturbed? Yes___ No X

1.6 Will building construction or rehabilitation occur? Yes___ No X

1.7 Acres to be converted into impervious surface: Planning project, not applicable

1.8 Description of the Project and Map (Exhibit 1.8)

In 500 words or less, please describe the problem or need for this project and how the project addresses a direct impact from Hurricane Sandy.

1.9 National Objective (Definitions in Program Guide) Select 1, 2 or 3

**** (Technically, planning activities do not have to meet a National Objective, but the eventual activities to be funded from the planning study will have a low-mod area benefit)**

1 X Low and Moderate Income Benefit (est.):

Number of Persons in the Service Area: 15,071 (2010 Census, 100% count)

Number of households, businesses, or units assisted: N/A

% of Funds benefiting low/mod income persons: 40.8% (based on 2000 Census total pop. est. of 15,168)

Income levels of persons or households served: (2000 Census est.)

0-30% 10.9% 31% and 50% 11.3% 51% and 80% 18.6%

2. **Slum and Blight – Prevent or Eliminate:** If slum and blight conditions, please describe:

3. **Urgent Need** –If urgent need, please describe the main urgency of this activity including financing shortfalls:

2. Project Funding

Damage Assessment and Prior Assistance: *The Stafford Act* directs administrators of federal assistance to ensure that no person, business concern or other entity will receive duplicative assistance. As such, all applicants are required to accurately report all prior financial assistance received for this project. Please complete the following sections and indicate all applicable assistance received or applied for:

Has the municipality applied for the FEMA and Hazard Mitigation Grant Programs and/or other Public Assistance Grant Programs? Yes___ No X

If yes, application status? Submitted___ Offered Assistance___ Denied___

Total Amount received or offered? _____

Is an appeal pending with FEMA? Yes___ No X

Was the disaster affected property, facility or service covered by Flood Insurance? Yes ___ No X

If yes, Name of Insurance Carrier: _____
 Policy Number: _____

2.1 Summary of Hurricane Sandy Assistance (Please see attached **Exhibit 2.1 Summary of FEMA Assistance**):

Note: Sandy assistance from FEMA was for emergency relief and recovery assistance only

Amount received/expected from FEMA	\$1,649,619.53
Amount received/expected from Flood Insurance Policy Proceeds	\$
Amount received/expected from Property Insurance Policy Proceeds	\$
Amount received from any other Governmental Assistance	\$
Total Disaster Compensation (sum of above)	\$1,649,619.53

2.2 Additional Funding Sources for this proposed project:

List All Additional Funding Sources (Please attach copies of all Commitment Letters (**Exhibit 2.2**)):

Sources	Amount	Committed Yes/No	Comments
CDBG-DR	\$100,000	No	
Total:	\$100,000		

2.3 Uses - Funds Requested Total Estimated Amount \$ _____ including :

Architecture/Engineering \$ 100,000
 Demolition/Construction \$ _____
 Acquisition of Property/Right of Ways/Easements \$ _____
 Public Services \$ _____

2.4 Project Costs:

- a. Total estimated project cost: \$ 100,000
- b. Amount of CDBG-DR funds requested: \$ 100,000
- c. Amount of Previous CDBG Funds: \$ _____
- d. Amount of Applicant Contributions: \$ _____

e. Additional Funding Sources: \$ _____

Note: b+c+d+e must equal a

2.5 Name of Architectural/Engineering Firm that prepared the cost estimates:

3. Project Implementation

3.1 Acquisition

Does the proposed project require the applicant to acquire property? Yes _____ No X

Does the town have title to the property? Yes _____ No _____

If the town does not have title, is there an option to purchase the property?

Yes _____ (if yes include date) _____ No _____

3.2 Relocation Plan

If you are planning a project that has relocation as a part of the project, has the General Information Notices (GIN) been sent out? Yes ___ No ___ N/A X

If yes, please provide a copy (**Exhibit 3.2**).

Tenant Relocation

Please check all that apply.

Tenants will be permanently relocated _____

Tenants will be temporarily relocated _____

No Tenant relocation _____

3.3 Project Implementation Schedule Please attach a detailed timetable showing all phases of the project: design, engineering, contract document preparation, construction completion and acceptance (**See attached Exhibit 3.3**).

3.4 Community Impact Maps

How will this project impact the community? Please include

1. A map highlighting major housing patterns, transportation, relevant services, significant community facilities, and the locations of substantial public and private investment as well as any other features relevant to demonstrating community impact. (**See attached Map Exhibit 3.4.1**)
2. Color sea level rise maps showing 1', 3', 5' rise. Website (Use Firefox): NOAA Sea Level Rise and Coastal Flooding Impacts/CT/Town/Focus Area/Streets/ Seal Level Rise Legend. (**See attached Map Exhibit 3.4.2**).

To further demonstrate community impact, we have attached Map Exhibits 3.4.3, Special Flood Hazard Areas, and 3.4.4, Low-Mod Income Areas.

3.5 Community Support and Public Participation

Are there letters of support from individuals and/or any of those who represent the community and provide and/or receive services in the project area? List and attach letters (**See attached Exhibit 3.5**).

1. Letter of support from Brian T. Bidolli, Executive Director, Greater Bridgeport Regional Council, dated 4/24/2014

3.6 Consistency with the Connecticut’s Consolidated Plan for 2010-2015; the Plan of Conservation and Development for 2013-2018; Connecticut’s Hazard and Mitigation Plan and CDBG-DR Action Plan. Each project must be reflective of the goals, priorities, and requirements of the Plans. Please provide a brief explanation of the proposed project’s consistency with the Plans (**See attached Exhibit 3.6**).

4. Site and Building Information

N/A – Planning studies are exempt from the environmental review requirements of NEPA and related federal authorities.

4.1. Infrastructure: Roads, Streets, Utilities, Walks, Parks, Landscaping

4.1.1. Is any Environmental Remediation needed? Yes ___ No X

4.1.2. Is the property adjacent to properties with environmental risks?
Yes ___ No ___

4.1.3 How old is the road, street, walk, etc.?
___0- 5yrs ___5-10yrs ___ 10 + years X N/A

4.1.4 When were the last repairs, improvements, or replacement work for the proposed site?
___0 - 5yrs ___5-10yrs ___10+yrs X N/A

4.1.5 Unusual Site Conditions: Check all that apply.
___Sediment/Soil Erosion ___Easements
___Wetlands ___Rock

4.2. Hazardous Materials Notifications & Requirements

Are your buildings occupied? Yes ___ No ___

Do hazardous materials exist in and or around the building(s)? Yes ___No ___

If **yes to both of the above**, please attach all notification materials and documents

that have or will be issued to residents (**Exhibit 4.2**).

4.3. Utilities Expansion

Expansion of existing public utilities (water, sewer, etc.) has been found to lead to unplanned development pressures on adjacent land. Does the project include a proposal to expand existing public utilities (e.g. Main sewer line or Main water line)? Yes ___No ___

4. 4. Coordination/Approvals/Clearances/Readiness to Proceed

Please submit/attach documentation for verification of Readiness to Proceed and Permits. (**Exhibit 4.4. A + B Readiness to Proceed and Permits**).

:

4.4. A. Readiness to Proceed:

Type	Needed: Yes/No	Approved Date	Anticipated Approval Date
Historic			
Planning			
Zoning			
Wetlands			
CHFA/LHA Housing			
Easement			
Right of Ways (Utilities)			
Department of Envir. Protection (DEEP)			
Flood Management Certification			
Department of Health			
Department of Transportation (DOT)			
HUD			
Other			

4.4.B. Permits:

- Local _____
- State _____
- Other _____

4. 5. Floodplains: List and describe any floodplains that have been determined to be present in or immediately adjacent to the proposed project site (**Exhibit 4.5**). **Identify FEMA’s Flood Map Community No:** 090016

4.6. Wetlands: List and describe any wetlands (as classified by the Department of Interior Fish and Wildlife Service) that have been determined to be present in or immediately adjacent to the proposed project area (**Exhibit 4.6.**).

4.7. Historic Resources List all that are located in the project area which could be potentially impacted by the proposed projects including the age of the building to be improved and the surrounding buildings (**Exhibit 4.7.**).

4.8 Sustainable Features and Design

For all Projects, list the features and products you intend to use from categories A-E below that qualify as a sustainable/green standard. ***Infrastructure Projects D and E only.**

- A. Energy Star Design Features and Products. (**Exhibit 4.8.A**)
- B. Alternative Energy Sources. (**Exhibit 4.8B**)
- C. Water conservation measures. (**Exhibit 4.8.C**)
- D. ***Good Storm-Water Management Techniques. (Exhibit 4.8.D)**
- E. ***Other sustainable/green feature products relevant to project: (Exhibit 4.8.E)**

Please be sure that the features and products listed are included with their specifications in the document page of your construction specifications document (**Exhibit 5.5 H**).

OR

If you have proof of LEED or equivalent green building/planning registration/certification (minimum of silver certification), including the CT-DEEP Green Circle Award, omit A-E. Submit certification (**Exhibit 5.5.H**).

Proof of LEED (or equivalent) silver certification Yes ____No ____

For a more complete description of HUD’s goal see: The Federal Register/Vol.78. No. 43/Tuesday, March 5, 2013, p. 14334, below:

(e) HUD encourages grantees to implement green infrastructure policies to the extent practicable. Additional tools for green infrastructure are available at the Environmental Protection Agency’s water Web site; *Indoor AirPlus* Web site; Healthy Indoor Environment *Protocols for Home Energy Upgrades* Web site; and *ENERGY STAR*

**For the State of CT see these websites:
Energize CT and CT- DEEP and CT-DOH Building Standards**

5. Construction Documents (N/A, not a construction project)

Please check all that apply.

A. Drawings Completion Level - Submit drawings (Exhibit 5A).

None _____ Schematic _____ Design Development _____ Construction/Final _____

B. Specifications Completion Level - Submit specifications (Exhibit 5.B).

None _____ Outline _____ Developmental _____ Final/Bid/Contract Package _____

C. Time needed for Completion of Drawings & Specifications (Final Bid Set)

0 months _____ 1-3 months _____ 3-6 months _____ +6 months _____

D. Length of Construction Period:

1-6 months _____ 6-9 months _____ 9-12 months _____ 12-15 months _____
15-18 months _____ +18 months _____

E. Estimated Time for Non-Local Building Permits, Approvals, Clearances

1 month _____ 1-3 months _____ 3-6 months _____ +6 months _____

F. Construction Cost Estimate:

Submit with Completion Level indicated in 5.5 A-E. Submit (Exhibit 5.5F).

G. Construction Procurement Plan - Submit (Exhibit 5.5G).

Please attach a narrative description of the process that will be used for the selection of the (construction professionals) contractor, project manager or technical specialist etc.

H. Construction Drawings & Specifications and Specification Compliance Certifications (Exhibit 5.5H).

I. Project Team - Please include the following information for each member of your project team. Please attach the resume for each member (Exhibit 5.I).

Name: _____ **Specialization:** _____

Company Name _____ **Phone:** _____ **Website:** _____

Please include all experience with CDBG and/or CDBG-DR Funded Project(s)
(Add additional projects to list as appropriate):

1. CDBG/CDBG-DR Project Name:

Town/City, State: _____ **Completion Date:** _____

2. CDBG /CDBG-DR Project Name:

Town/City, State: _____ **Completion Date:** _____

6. Evaluation Requirements

Please provide short answers (200 words or less) to all that apply to your proposed project.

- 6.1 Is this project necessary for community health and safety? Yes No

If yes, please explain:

With 14 miles of coastline, the future viability of Stratford's coastline is a fundamental public health concern. Without a well-reasoned, methodical assessment of all the options available to the Town to implement natural disaster mitigation projects, public health and safety will be compromised. All proposed mitigation measures will be examined through a lens that includes a public health and safety filter to ensure that these criteria are accounted for in the process.

- 6.2 Does the project provide critical and essential service to local or regional residents and businesses in one of the counties affected by Hurricane Sandy? Yes No

If yes, please explain:

Implementation activities that will spring forth from this project will enhance local infrastructure and public facilities and enable residents and businesses alike to recover more easily from a natural disaster or mitigate the effects of such a disaster entirely.

- 6.3 Does the project impact more than one market segment such as housing, transit oriented design, public facilities, infrastructure repair? Yes No

If yes, please explain:

The project will specifically address the assessment of local infrastructure and public facilities with regard to options for future natural hazard mitigation measures, but insofar that over 15,000 people live in the planning study area housing concerns will likely be addressed.

- 6.4 Does this project support the existing resources of the community, including cultural, physical, natural environment and geographic resources Yes No

If yes, please explain:

This project will support the long-term sustainability of several public facilities, including the wastewater treatment plant, and most importantly Stratford's coast and tidal wetlands extending from Long Beach West to the Sikorsky Memorial Bridge.

- 6.5 Does the project provide for or enhance community services (schools, libraries, cultural centers, community gathering places and recreational facilities)? Yes No

If yes, please explain:

Two elementary schools; several recreational facilities and athletic fields, including Short Beach Park and Golf Course; the Seawall; one municipal office building with an alternative high school; a neighborhood community center; several town docks and boat launches; and the Town Greenway are all within the planning study area and likely to be addressed.

- 6.6** Does the project provide or enhance a critical facility – hospitals, fire and police facilities, and other emergency response facilities? Yes No

If yes, please explain:

- 6.7** Will the project enhance housing/shelter situations? Does it provide for community shelters, enhance mixed-income housing options, or improve assisted living facilities?

Yes No

If yes, please explain:

- 6.8** Does the project serve or support several geographic areas within the community?

Yes No

If yes, please explain:

This planning area spans several Stratford neighborhoods, including Lordship, the South End, Elm Street, Ferry Boulevard, Barnum Avenue Extension, East Main Street, Putney, and Oronoque Shores.

- 6.9** Does this project interconnect among and within the existing community development framework and physically connect neighborhoods, key features, districts, etc?

Yes No

If yes, please explain:

This project will highlight the often unseen connections among seemingly different neighborhoods and districts that share a common infrastructure or public utility, the visual evidence for which is often below ground, and, therefore, stress the interdependence of these neighborhoods. Nearly 30% of Stratford residents live in the planning study area, but we will welcome the involvement of residents in the citizen participation process from every district of Stratford.

- 6.10** Is the project a result of cooperative planning, development, or implementation efforts among various local, state, or federal agencies or organizations? Yes No

If yes, please explain:

We expect that the selected consultant will glean lessons learned from prior studies and mitigation efforts completed at all levels of government. In this light, we expect that the soon-to-be-completed GBRC Regional Natural Hazard Mitigation Plan update will be a critical resource for the entire planning project team.

- 6.11** Does the project provide an opportunity to improve upon pre-disaster conditions?

Yes No

If yes, please explain:

Insofar that these conditions require improvement to mitigate the effects of a disaster, then this project will evaluate options to do so.

- 6.12** Does the project apply a mitigation or safety measure to increase resiliency and avert

future losses related to natural disaster or incidents of national significance?

Yes No

If yes, please, explain:

This planning study will allow the Town of Stratford to prioritize among a host of mitigation and safety measures and identify those most feasible for implementation to avert future losses related to natural disaster.

6.13 Does the project provide innovative green wastewater technologies and/or stormwater technologies? Yes No

If yes, please explain:

The project is a planning study that will not include any construction activities, but we will evaluate the use of these innovative technologies in all proposed mitigation efforts.

6.14 Does the project utilize construction methods that emphasize green technologies, high quality, durability, energy efficiency, sustainability and/or mold resistance? Yes No

If yes, please explain:

The project is a planning study that will not include any construction activities, but we will evaluate the use of these technologies and construction methods in all proposed mitigation efforts.

6.15 Does the project protect (does not harm) key ecosystems? Protect wildlife and natural areas? Improve water and air quality? Yes No

If yes, please explain:

The planning study will place particular emphasis on protecting the natural environment. As the Town POCD states, Stratford's 14 miles of coastline is its greatest asset and any recommendations with regard to the built environment will consider the protection of key ecosystems such as Long Beach West, the McKinney Wildlife Refuge, and other areas.

6.16 How many temporary or permanent jobs will be created or reestablished as a direct result of this activity? Please explain:

No jobs are expected to be created or retained as a result of this planning activity, but several businesses in the planning study area are expected to benefit as a result of the mitigation measures implemented as a result of the study, which may result in them expanding or maintaining their operations in Stratford.

6.17 Does the project rebuild or redevelop damaged properties or infrastructure?

Yes No

Please explain:

The planning study will provide options that may recommend rebuilding properties or infrastructure that has been previously damaged to mitigate future damage, but does not engage in actual construction activities.

6.18 Can the activity be completed with the funds requested? Yes No

6.19 Does the project have access to the resources and funding sources necessary to cover the project costs within the project time frame?

CDBG-DR Funds must be spent by September 30, 2017.

Yes No

6.20 Does the project leverage multiple sources of funding? Yes No

Please explain: This project mainly leverages Town of Stratford CDBG funding for planning and administration and Town General Fund monies provided as in-kind contributions in the form of staff time spent in application preparation, consultant selection, and working on various aspects of the planning study as key members of the project team.

6.21 What is the number of families or individuals benefiting directly or indirectly from the activity?

As of the 2010 Census, 15,071 individuals live in the Census block groups that consist of the planning study area.

6.22 How soon can the project start? Specify month and year: June 2014

The Town of Stratford can issue an RFP for a consulting engineer within ten (10) days of executing a subrecipient agreement with the State of Connecticut Department of Housing. See specific project implementation schedule in Exhibit 3.3.

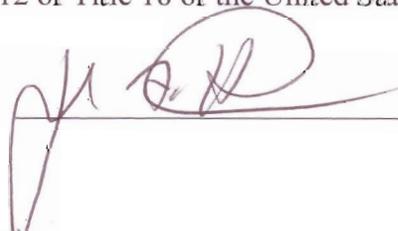
7. Certification

I/We understand that the rehabilitation of the above mentioned property will be undertaken in accordance with the procedures outlined in this application which I/We have received and that I/We qualify for a grant as required and explained in this Application and in the Program Guide for Public Facilities, Infrastructure and Planning for CDBG-DR.

In the event any of the information provided in this application changes prior to the completion of any rehabilitation or construction work, I/We will notify the CT Department of Housing of any such changes.

Any applicant(s) making any misleading or falsified statements may be required to reimburse the Connecticut Department of Housing for any grant received and may be subjected to penalties under Section 1001 and 1012 of Title 18 of the United States Code.

Applicant Signature



Date

4/25/14

8. Applicable Exhibits

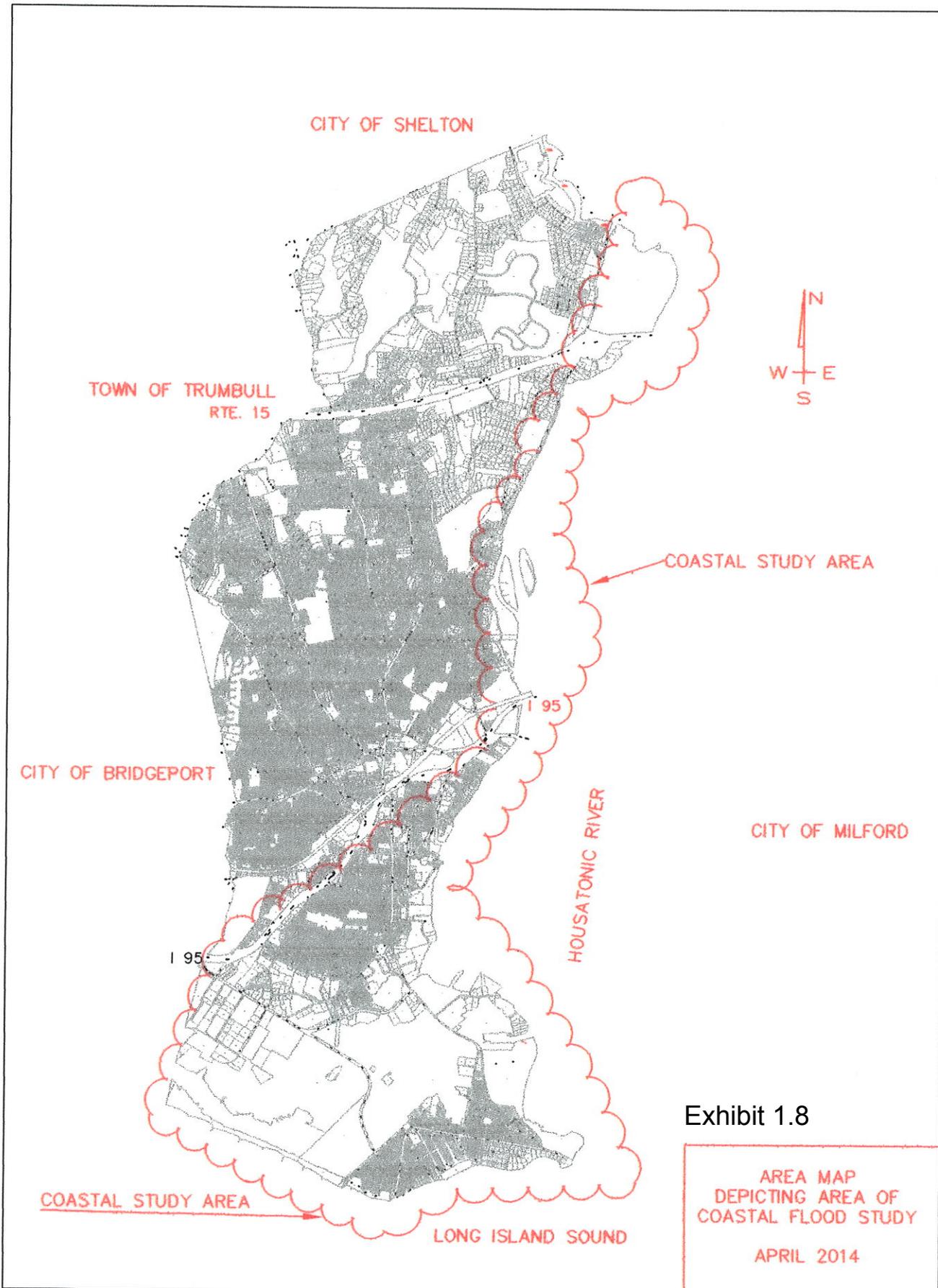
Exhibit 1.8: Description of Project and Map

The Town of Stratford is submitting a planning grant application to conduct an in depth study of existing Town infrastructure and public facilities in order to improve their resiliency and long-term sustainability. This study will examine an area that roughly consists of the Special Flood Hazard Areas (SFHA) south and east of Stratford Avenue and Ferry Boulevard but also extending northward along the Housatonic River to Sikorsky Aircraft (see attached map for general boundary). Within that larger planning area, the study will focus on specific project target areas that are often subject to flooding from storm events.

Hurricane Sandy destroyed approximately 200 linear feet of the Lordship Seawall. The storm also deposited over 8,700 cubic yards of sand in the parking lots of Short Beach Park and on Shoreline Drive and Beach Drive, and threatened the Stratford Waste Water Treatment Plant. Another storm of Sandy's magnitude or greater, without specific coastal resiliency measures being undertaken, can result in significant flooding and damage to infrastructure as far inland as South Avenue, two miles from Long Island Sound. The South End neighborhood, in particular, is a large, densely-populated, predominantly low- and moderate-income neighborhood (Census Tracts 804 and 806) with 401 public housing units serving families and the elderly. Major public facilities in the area include the Town's wastewater treatment facility, two elementary schools and a municipal complex that contains an alternative high school, Town offices, and recreation facilities. It contains some of the poorest U.S. Census block groups in Stratford.

In the wake of Hurricane Sandy, much of this area was newly incorporated into the FEMA Flood Insurance Rate Maps (the 7/8/2013 revisions) as being within a SFHA. The Town needs to study this entire area to examine ways in which it can mitigate the damaging effects of future storms on Town roads, sewers, pump stations, walking trails, parking lots, and other public facilities. The goal of a coastal resiliency plan will be to not only suggest projects that will mitigate damage to Town infrastructure, but also improve the long-term sustainability and enjoyment of specific coastal attractions, such as the areas in the vicinity of the Seawall, Short Beach, and Long Beach West. The selected consultant may also engage in some preliminary design of expected improvements or provide definitions of permit requirements for specific projects to be implemented from the study. Stratford will use the plan's citizen participation process and the recommendations that spring forth from this plan as an important step in applying to, and participating in, the National Flood Insurance Program Community Rating System (CRS).

A Stratford Coastal Resiliency Plan will provide the rationale for, and help to prioritize for Town decision makers, the specific and discrete projects for implementation with future allocations of CDBG-DR program funding. In response to the Town's Plan of Conservation and Development, it will also serve as sustainability plan for its coast and identify areas for which the Town should acquire land and conservation easements to accommodate sea level rise and minimize environmental degradation.



CITY OF SHELTON

TOWN OF TRUMBULL
RTE. 15



COASTAL STUDY AREA

CITY OF BRIDGEPORT

CITY OF MILFORD

HOUSATONIC RIVER

I 95

I 95

COASTAL STUDY AREA

LONG ISLAND SOUND

Exhibit 1.8

AREA MAP
DEPICTING AREA OF
COASTAL FLOOD STUDY

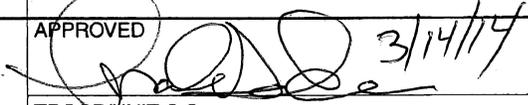
APRIL 2014

Exhibit 2.1: Summary of FEMA Assistance to Relieve Emergency Conditions

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC SAFETY

429153

REQUEST FOR GOODS OR SERVICES

DATE 3/14/14	FROM TROOP OR DIVISION DEMHS 25 Sigourney Street Hartford, CT 06106	DEPT CODE: 32990	P.O. NO. _____ NON VOUCHER PO
NAME OF VENDOR Town of Stratford 2725 Main Street Stratford, Connecticut 06615-5818		APPROVED  3/14/14	
ADDRESS	TROOP/UNIT C.O.		
FEIN 06-6002103	BUREAU/DISTRICT C.O.  14 MAR 14		
		FISCAL/GRANTS	

DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
Public Assistance PA-CT-4087 10-30-12 - 10-30-16 Reimbursement - PW 557-2 Large Project Close Out Mark Scerra 860-250-8285			7572 \$ 1,649,619.53

TO BE FILLED IN BY BUSINESS OFFICE

Line #	Amount	Account	Fund	Dept	Program	SID	Budget Ref.	Project	Chartfield 1
			12060	DPS32990	27580	21891	2013	DPS000000040176	190202



**Federal Emergency Management Agency
Public Assistance Grant Summary (P.5)
Disaster: FEMA-4087-DR-CT**

Number of Records: 11

Applicant ID: 001-74190-00

Applicant: STRATFORD (TOWN OF)

Bundle #	Date Approved	PW #	Cat	Cost Share	Project Amount (\$)	Federal Share (\$)	Subgrantee Admin (\$)	Total Approved (\$)
PA-01-CT-4087-State-0032(31)	05-22-2013	PA-01-CT-4087-PW-00437(0)	F	N	29,206.60	21,904.95	0.00	21,904.95
PA-01-CT-4087-State-0032(31)	05-22-2013	PA-01-CT-4087-PW-00480(0)	E	N	17,284.00	12,963.00	0.00	12,963.00
Applicant Total in Bundle PA-01-CT-4087-State-0032(31) (2 PWs)					46,490.60	34,867.95	0.00	34,867.95
PA-01-CT-4087-State-0047(46)	06-26-2013	PA-01-CT-4087-PW-00543(0)	E	N	11,751.00	8,813.25	0.00	8,813.25
PA-01-CT-4087-State-0047(46)	06-26-2013	PA-01-CT-4087-PW-00546(0)	D	N	217,480.60	163,110.45	0.00	163,110.45
PA-01-CT-4087-State-0047(46)	06-26-2013	PA-01-CT-4087-PW-00567(0)	A	N	8,500.00	6,375.00	0.00	6,375.00
Applicant Total in Bundle PA-01-CT-4087-State-0047(46) (3 PWs)					237,731.60	178,298.70	0.00	178,298.70
✓ PA-01-CT-4087-State-0049(48)	07-03-2013	PA-01-CT-4087-PW-00557(0)	A	N	2,162,826.31	1,622,119.73	0.00	1,622,119.73
Applicant Total in Bundle PA-01-CT-4087-State-0049(48) (1 PW)					2,162,826.31	1,622,119.73	0.00	1,622,119.73
PA-01-CT-4087-State-0053(52)	07-26-2013	PA-01-CT-4087-PW-00589(0)	E	N	45,484.70	34,113.53	0.00	34,113.53
PA-01-CT-4087-State-0053(52)	07-26-2013	PA-01-CT-4087-PW-00599(0)	C	N	6,614.23	4,960.67	0.00	4,960.67
Applicant Total in Bundle PA-01-CT-4087-State-0053(52) (2 PWs)					52,098.93	39,074.20	0.00	39,074.20
PA-01-CT-4087-State-0057(56)	09-05-2013	PA-01-CT-4087-PW-00677 <u>D</u>	B	N	4,482.00	3,361.50	0.00	3,361.50
Applicant Total in Bundle PA-01-CT-4087-State-0057(56) (1 PW)					4,482.00	3,361.50	0.00	3,361.50
PA-01-CT-4087-State-0059(58)	09-23-2013	PA-01-CT-4087-PW-00688(0)	B	N	413,756.50	310,317.38	0.00	310,317.38
Applicant Total in Bundle PA-01-CT-4087-State-0059(58) (1 PW)					413,756.50	310,317.38	0.00	310,317.38
✓ PA-01-CT-4087-State-0072(71)	03-13-2014	PA-01-CT-4087-PW-00557(2)	A	N	36,666.40	27,499.80	0.00	27,499.80
Applicant Total in Bundle PA-01-CT-4087-State-0072(71) (1 PW)					36,666.40	27,499.80	0.00	27,499.80
APPLICANT TOTAL: 001-74190-00 (11 PWs)					2,954,052.34	2,215,539.26	0.00	2,215,539.26
TOTAL for report: (11 PWs)					2,954,052.34	2,215,539.26	0.00	2,215,539.26

100% Complete

75% = 1,649,619.53 ✓

PA-01-CT-4087-PW-00557(2) <u>P</u>	
Applicant Name: STRATFORD (TOWN OF)	Application Title: DCSTRA1 - Debris Removal
Period of Performance Start: 10-30-2012	Period of Performance End: 10-30-2013

Bundle Reference # (Amendment #) PA-01-CT-4087-State-0072(71)	Date Awarded 03-13-2014
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Subgrant Application - FEMA Form 90-91

Note: The Effective Cost Share for this application is 75%

FEDERAL EMERGENCY MANAGEMENT AGENCY PROJECT WORKSHEET						
DISASTER		PROJECT NO.	PA ID NO.	DATE	CATEGORY	
FEMA	4087 - DR - CT	DCSTRA1	001-74190-00	06-10-2013	A	
APPLICANT: STRATFORD (TOWN OF)				WORK COMPLETE AS OF: 02-04-2014 : 100 %		
Site 1 of 1						
DAMAGED FACILITY: Debris Removal				COUNTY: Fairfield		
LOCATION: PA-01-CT-4087-PW-00557(0): Town Wide				LATITUDE: 41.20099 41.64318 41.15928 41.17378 41.59321 41.29455 42.06264 41.16064 41.16205 41.14798	LONGITUDE: -73.12281 -72.17063 -73.11107 -73.12831 -73.4467 -73.11978 -72.65392 -73.11095 -73.11046 -73.12799	
DAMAGE DESCRIPTION AND DIMENSIONS: PA-01-CT-4087-PW-00557(0): GPS Coordinates (41.20455, -73.11978) taken at Stratford Town Hall, 550 Patterson Ave, Stratford, CT 06614. During the incident period starting October 27, 2012 and ending November 8, 2012, the Applicant (Town of Stratford) sustained high velocity winds, heavy rainfall and floodwaters from overflowing waterways due to the effects of Super Storm Sandy. As a result of this event public infrastructure, right of ways and public property was severely compromised with concentrated amounts (127,996 CY) of vegetative debris and (8,769 CY) of sand debris town wide causing road closures and creating a threat to public health and safety, limiting access to emergency facilities and for emergency vehicles. Due to these unsafe conditions the Applicant activated a town wide debris removal operation utilizing force account labor, force account equipment and contract services to eliminate immediate threats to lives, public health and safety, and to protect improved public property.						
SCOPE OF WORK: PA-01-CT-4087-PW-00557(0): To protect public lives, health and safety, and improved property: WORK COMPLETED: As per FEMA Policy 9580.215 (Hurricane Sandy: Debris Removal Force Account Labor Costs) – The applicant has chosen 10/30/2012 – 11/29/2012 as the 30 day window for reimbursement of regular-time force account labor for disaster related debris removal.						

The Applicant utilized (6,364.70) force account regular-time labor hours (Eligible – 30 day window), (1,868.50) force account regular-time labor hours (Not Eligible – outside 30 day window), (4,580.80) force account overtime hours (Eligible) and (10,995.70) force account equipment hours. Applicant also utilized materials and contract services (Warwick Tree Service, Good Earth Tree Care, All American Waste, Dalling Construction) in conjunction with force account efforts to collectively remove, reduce and dispose of approximately (127,996 CY) of vegetative debris from Applicant owned and maintained properties, roadways and right-of-ways.

All vegetative debris was brought to a temporary staging area (Deluca Field) which is an applicant owned property located at coordinates (41.17378, -73.12831). The Applicant utilized contract services (Good Earth Tree Care, Inc.) to screen, separate and reduce the 127,996 CY of vegetative debris to mulch at a 75 percent reduction rate (127,996 CY X 75% = 95,997 CY of reduction). 127,996 CY – 95,997 CY = 32,000 CY X .25 = 8,000 TN of reduced vegetative mulch. The reduction process also took place at the temporary staging area at Deluca Field.

The Applicant utilized contract services (Good Earth Tree Care, Inc.) to haul and deliver (2,713.44 TN) of the estimated 8,000 TN of reduced vegetative mulch to three (3) compost landfills as follows:

Location 1: New Milford Farms – 60 Boardman Rd, New Milford, CT 06776 (41.59321, -73.44670).

Location 2: Good Earth Tree Care (Stratford GETC) – 540 Longbrook Ave, Stratford, CT 06614 (41.20099, -73.12281).

Location 3: The Scotts Company – 20 Industrial Rd, Lebanon, CT 06249 (41.64318, -72.17063).

The Applicant utilized contract services (All American Waste, LLC) to provide and maintain four (4) 30 CY roll off dumpsters at Short Beach for the collection and disposal of pressure treated construction and demolition debris (4 dumpsters X 30 CY = 120 CY). Contractor disposed of debris at their own landfill located at 600 Nutmeg Rd, South Windsor, CT 06074 (42.06264, -72.65392).

The Applicant utilized contract services (Dalling Construction) to remove or flush cut approximately (49) damaged and up rooted trees town wide. Site visits have been performed at all locations and have been determined to be located on Applicant owned and maintained properties and right-of-ways. A Hazardous Stump Worksheet has been attached to this project worksheet identifying the physical location and size of each tree. All debris removed was taken to the Deluca Field temporary staging area, reduced and disposed of with the rest of the town wide vegetative debris operation.

The Applicant utilized contract services (Dalling Construction) to remove (885 LF X 45 FT W X 1 FT D) / 27 = 1,475 CY of sand debris from Beach Drive (41.14798, -73.12799) adjacent to Point No Point Beach. Sand spoils were returned to the point of origin, Point No Point Beach (A Non Engineered Beach). Only the eligible cost for the removal of sand debris has been captured for this project worksheet. The cost to return sand is not captured on this project worksheet due to the Applicants inability to meet the criteria required per FEMA Policy 9580.8 (Eligible Sand Replacement on Public Beaches) to identify Point No Point Beach as an Engineered Beach.

The Applicant utilized contract services (Dalling Construction) to remove 7,294 CY of sand debris from the Short Beach parking lots at the following area locations:

Parking Lot / Area 1 (41.15928, -73.11107); (600 LF X 135 FT W X 1 FT D) / 27 = 3,000 CY.

Parking Lot / Area 2 (41.16064, -73.11095); (265 LF X 45 FT W X 1 FT D) / 27 = 442 CY.

Parking Lot / Area 3 (41.16205, -73.11046); (800 LF X 130 FT W X 1 FT D) / 27 = 3,852 CY.

Total sand debris (3,000 CY + 442 CY + 3,852 CY = 7,294 CY).

Sand spoils were returned to the point of origin, Short Beach (A Non Engineered Beach). Only the eligible cost for the removal of sand debris has been captured for this project worksheet. The cost to return sand is not captured on this project worksheet due to the Applicants inability to meet the criteria required per FEMA Policy 9580.8 (Eligible Sand Replacement on Public Beaches) to identify Short Beach as an Engineered Beach.

The Applicant utilized contract services (Underground Surveying) to perform a utility survey to map the location and depth of underground utilities at Short Beach before sand debris removal operations could begin.

To protect public lives, health and safety, and improved property:

WORK TO BE COMPLETED:

The Applicant will utilize contract services (Good Earth Tree Care, Inc.) to haul and deliver (5,286.56 TN) of the estimated 8,000 TN of reduced vegetative mulch to compost landfill for disposal (5,286.56 TN X \$25.50 / TN = \$134,807.28).

PROJECT NOTES:

The subgrantee is requesting direct administrative costs that are directly chargeable to this specific project. Associated eligible work is related to the administration of this PA project only and in accordance with 44 CFR 13.22. These costs are treated consistently and uniformly in all federal awards and other subgrantee activities and are not included in any approved indirect cost rates.

The Applicant has been advised by FEMA PAC and/or Project Specialist that in the seeking of proposals and letting of contracts for eligible work, the Applicant must comply with its Local, state and/or Federal procurement laws, regulations, and procedures.

For the purposes of capturing eligible (30) day costs for force account regular labor time the force account labor sheets were prepared as follows:

Reg – Non eligible regular time outside (30) day period.

OT1 – Eligible regular time inside (30) day period.

OT2 – Overtime X (1.5).

OT3 – Overtime X (2).

Project Specialist quantified debris amount with scale tickets provided by each landfill.

Hazardous Stump Worksheet attached to Project Worksheet for removed and flush cut stumps. Locations 1 – 42 of worksheets correspond with location maps for these items. Project specialist performed site visits and all locations appear eligible per FEMA Policy 9523.11 (Stump Removal) and 9580.204 (Tree removal).

As described in 44 CFR 13.42 (2)(b), 3(c), Subgrantee must maintain all work-related records for a period of three (3) years from Subgrantee closure (final payment), all records relative this project worksheet are subject to examination and audit by the State, FEMA and the Comptroller

General of the United States and must reflect work related to disaster specific costs.

When Project Worksheets are written as large (\$67,500+) projects, an adjustment must be made during the closeout process in order to match the actual eligible dollars spent. This will require an amendment to be written in EMMIE to capture the over-run/under-run.

Applicant has also been advised of FEMA policy 9580.201 Debris Removal, and FEMA Policy 9580.203 Debris Monitoring, that speak to Applicant's roles and responsibilities in debris operations.

There are no flood hazard zone, community, or NFIP map panel data available for the following (2) debris landfill locations in the National Flood Hazard Layer:

- 1). All American Waste – 600 Nutmeg Rd, South Windsor, CT 06074 (42.06264, -72.65392).
- 2). New Milford Farms – 60 Boardman Rd, New Milford, CT 06776 (41.59321, -73.44670).

The Applicants DUNS number is 072134414.

PA-01-CT-4087-PW-00557(2):

Amendment 1: This Project Worksheet was obligated on 7/3/13, The Federal share obligated was \$1,622,119.73

Funds obligated pursuant to this Project Worksheet are subject to expenditure time limits imposed under Section 904(c) of the Disaster Relief Appropriations Act, 2013, Pub. L. No. 113-2 (2013), and are required to be expended by the grantee or subgrantee (paid as an outlay of money in furtherance of the grant purpose) within 730 days of the date FEMA obligates funds for this Project Worksheet in its financial system. Any funds not expended by the grantee or subgrantee within 730 days will be deobligated by FEMA within 30 days from the end of this 730 day period and funds not withdrawn and not expended must be returned to FEMA within 30 days from the end of the 730 day period, ceasing FEMA's financial liability.

Amendment 2

4087 557
Stratford Cat A Closeout

In closeout the PW has been increased \$36,666.40. (\$2,199,492.71 - \$2,162,826.31 = \$36,666.40)

WORK COMPELTED

The applicant has provided supporting documentation for the actual costs of the sub-grant application.

Contractors

Upon reviewing submitted contractor invoices, there was an increase in costs from the estimated contractors. See attached document Closeout_4087_PW_557_Contractors_2.pdf for Contract Summary Record, invoices and proof of payment.

Proof of payment was attached for the contractor's work that was initially attached in Work Completed. See attached document Closeout_4087_PW_557_Contractors_1.pdf for Contract Summary Record, invoices and proof of payment.

COST WORK COMPELTED

Actual adjusted project closeout amount of \$2,199,492.71 is more than original cost estimate of \$2,162,826.31 = a closeout increase of \$36,666.40.

The percent complete has been changed to 100% complete.

COMMENTS

COMPLETED WORK: All documentation was reviewed, verified and found reasonable by the FEMA Project Specialist assigned. Copies of all contracts, applicant's pertinent pre-disaster policies, codes and standard upgrade requirements, invoices allowed and samples of payroll data attached.

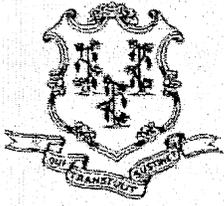
RECORD RETENTION: As described in 44 CFR 13.42 (2)(b), 3(c), Sub-grantee must maintain all work-related records for a period of three (3) years from Sub-grantee closure (final payment), all records relative this project worksheet are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster specific costs.

Does the Scope of Work change the pre-disaster conditions at the site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Special Considerations included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hazard Mitigation proposal included? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is there insurance coverage on this facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

PROJECT COST

ITEM	CODE	NARRATIVE	QUANTITY/UNIT	UNIT PRICE	COST
1	0000	WORK COMPLETED	0/LS	\$ 0.00	\$ 0.00
2	9001	CONTRACT	1/LS	\$ 1,063,505.28	\$ 1,063,505.28
3	9007	LABOR	1/LS	\$ 248,245.75	\$ 248,245.75

4	9008	EQUIPMENT	1/LS	\$ 434,295.55	\$ 434,295.55
5	9009	MATERIAL	1/LS	\$ 4,232.89	\$ 4,232.89
6	9802	Hurricane Sandy (Force Account Straight Time Debris Removal)	1/LS	\$ 274,162.37	\$ 274,162.37
7	9901	DIRECT ADMINISTRATIVE COSTS (SUBGRANTEE)	1/LS	\$ 3,577.19	\$ 3,577.19
8	0000	WORK TO BE COMPLETED	0/LS	\$ 0.00	\$ 0.00
9	9001	CONTRACT	1/LS	\$ 134,807.28	\$ 134,807.28
		*** Version 2 ***			
		Work Completed			
10	9001	CONTRACT	1/LS	\$ 171,473.68	\$ 171,473.68
		Other			
11	9999	Closeout Deduction - Contractors Work To Be Completed	1/OTH	\$ -134,807.28	\$ -134,807.28
				TOTAL COST	\$ 2,199,492.71
PREPARED BY DONALD CARLAN			TITLE Project Specialist	SIGNATURE	
APPLICANT REP. Stephen J Nocera			TITLE Chief Administrative Officer	SIGNATURE	



STATE OF CONNECTICUT
DEPT. OF EMERGENCY SERVICES & PUBLIC PROTECTION
DIVISION OF EMERGENCY MANAGEMENT & HOMELAND SECURITY



July 30, 2013

John A. Harkins
Mayor
Town of Stratford
Stratford Town Hall
2725 Main Street
Stratford, Connecticut 06615-5818

**RE: FEMA Disaster No. DR-4087-CT
Project Worksheet (PW) # PA-01-CT-4087-PW-00557(0)
FEMA Reimbursement: Category A – Large Project, Debris Removal**

Dear Mayor Harkins:

You are hereby notified that FEMA has approved federal funding for the above-referenced Sub-grant application (Project Worksheet). As you know, the Presidential Disaster Declaration of October 30, 2012 entitled your town to a reimbursement for costs incurred for emergency relief and recovery assistance as a direct result of Hurricane Sandy.

This is considered a LARGE PROJECT since total eligible costs exceed FEMA's Small Project threshold of \$67,500. Important information pertaining to the administration of LARGE PROJECTS is provided below.

1. Amount of Federal Reimbursement

Federal reimbursement for this project is 75% of total eligible costs. See the attached P.5 Public Assistance Grant Summary form for FEMA's estimate of total eligible costs and the 75% federal share. Because this is a LARGE PROJECT, federal reimbursements will be based on ACTUAL COSTS, provided the applicant adheres to the Scope of Work in the enclosed Project Worksheet. The federal share for this project is only an estimate. Actual costs may be higher or lower.

- The ESTIMATED total eligible amount for Project Worksheet # 557 is \$2,162,826.31.
- The ESTIMATED 75% Federal Share Reimbursement at this time is \$1,622,119.73.
- The remaining 25% share (\$540,706.58) is the applicant's obligation.

2. Changes In Scope of Work

Project improvements outside the approved Scope of Work (IMPROVED PROJECTS) are done at the applicant's expense and are not eligible for FEMA reimbursement. If it becomes necessary or desirable to deviate from the Scope of Work approved by FEMA in the enclosed Project Worksheet, you must immediately contact the State Public Assistance Coordinator (SPAC) Dana Conover at (860) 883-2904, fax (860) 256-0915 or dana.conover@ct.gov to obtain written approval to do so. **Failure to do so could jeopardize FEMA funding.**

25 Sigourney Street, 6th floor, Hartford, CT 06106
Phone: (860) 256-0800 / Fax: (860) 256-0815
An Affirmative Action/Equal Opportunity Employer

3. Reimbursement Requests

You may request reimbursement for project costs from the Department of Emergency Services and Public Protection/Division of Emergency Management and Homeland Security (DESPP/DEMHS) when all work is completed or incrementally, as work is done and expenses are incurred. Contact the SPAC for guidance on reimbursement procedures when you are ready to submit a request for reimbursement

4. Progress Reports

You must submit quarterly progress reports to DESPP/DEMHS, even if no progress has been made on this project, so we can provide required reports to FEMA. Use the attached "Public Assistance Progress Report" for this purpose.

5. Deadlines and Extensions

FEMA regulations require applicants to complete emergency work (i.e. Categories A and B) within 6 months of the date of the Presidential declaration for your county. The State may grant extensions of up to 6 months based on extenuating circumstances. Permanent work (i.e. Categories C through G) must be completed within 18 months of the date of the Presidential declaration for your county.

The State can grant extensions of up to 30 months for extenuating circumstances or unusual project requirements beyond the applicant's control. After 30 months, only FEMA can grant additional extensions. Please contact the SPAC *as soon as the need for an extension becomes apparent*, but in all cases not later than two weeks before the work completion deadline. Extensions must be requested and approved in writing, but please contact the SPAC before submitting an extension request.

Please take careful note of the following project completion deadline:

- Categories A and B are for Emergency Work. Emergency Work projects must be completed within 6 months of the date of the declaration – **April 30, 2013.**
- Categories C, D, E F and G are for Permanent Work. Permanent Work projects must be completed within 18 months of the date of the declaration – **April 30, 2014.**

6. Closeout

When this project is complete, please prepare all project documentation for final cost reconciliation (i.e. the difference between actual and estimated costs). All documentation for closeout must be accurate, complete and up to date. **Failure to properly document project costs may result in loss of federal funding.** When you have your project documentation, please notify the SPAC who will schedule a reconciliation meeting with FEMA, which will include a field inspection.

7. Appeals

You have the right to appeal any decision made by FEMA with regards to this project. All appeals must be in writing and made within 60 days of notification of the decision you are appealing. Contact the SPAC before filing an appeal.

8. Records and Audits

The federal program requires that you keep complete records and all supporting documentation for all approved work for three years from the date the last project was completed or from the date of receipt of final payment, whichever is later, as specified in 44 CFR 13.42 (b) and (c). The records should include how you apportioned your time for the completion of this project application. Under the Single Audit Act, please direct your auditor to CFDA 97.036 Public Assistance Grants. All projects are subject to monitoring, inspection and/or audit by DEMHS and FEMA, at their discretion.

Applicants expending over \$500,000 in federal disaster assistance must file a copy of their A-133 audit with the DESPP/DEMHS Finance Office at 1111 Country Club Road, Middletown, CT 06457.

9. Questions and Additional Information

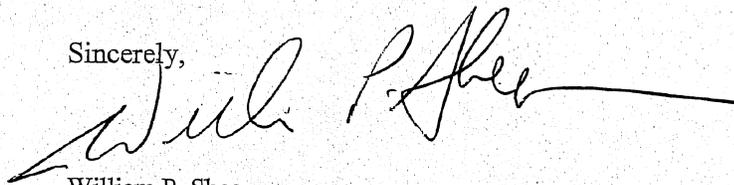
If you have any questions please contact Dana Conover, SPAC, at (860) 883-3904 or dana.conover@ct.gov or Mark Scerra, DPAC, at (860) 250-8285 or mark.scerra@ct.gov.

You may also refer to the following FEMA publications distributed at the Applicants Briefings for additional information on the Public Assistance Program:

FEMA 323 - Applicant's Handbook, March 2010
FEMA 321 - Policy Digest, January 2008
FEMA 322 - Public Assistance Guide, June 2007

These documents and other Public Assistance references are available on the FEMA website at <http://www.fema.gov/government/grant/pa/policy.shtml>

Sincerely,



William P. Shea
Deputy Commissioner

WPS/ms
Attachments

Account Reference:

FUND. 12060 / DEPT DPS32990 / SID 22520 / PROGRAM 27580 / BUDGET REFERENCE 2013 /
PROJECT EHS000000040176 / CHARTFIELD 1 190202

Exhibit 3.3: Project Implementation Schedule

The timetable below is predicated on the announcement of a planning grant award 60 days from submission deadline date of April 28, 2014.

Town of Stratford Coastal Resiliency Plan
Proposed Plan Development Timetable

June 27, 2014	-	State DOH issues planning grant award letter to the Town of Stratford.
July 18, 2014	-	Town executes Subrecipient Agreement with DOH and DOH completes environmental review for this exempt, planning activity.
July 28, 2014	-	Town issues RFP for consultant to prepare a Stratford Coastal Resiliency Plan.
August 28, 2014	-	Deadline for submission of consultant proposals.
September 11, 2014	-	Town officials interview and hear presentations from a short list of consultants on their submitted proposals.
September 19, 2014	-	Town staff recommend project award to a selected consultant.
September 22, 2014	-	Town Council special meeting to award project to selected consultant.
September 25, 2014	-	Contract signing and kick-off meeting with selected consultant.
March 9-31, 2015	-	Time window for community forums for presentation of plan options.
April 21, 2015	-	Planning Commission public hearing.
April 21, 2015	-	Planning Commission adopts coastal resiliency plan.
April-December 2015	-	Town begins select implementation projects in response to the plan and prepares CDBG-DR and other applications for implementation of mitigation/resiliency projects.

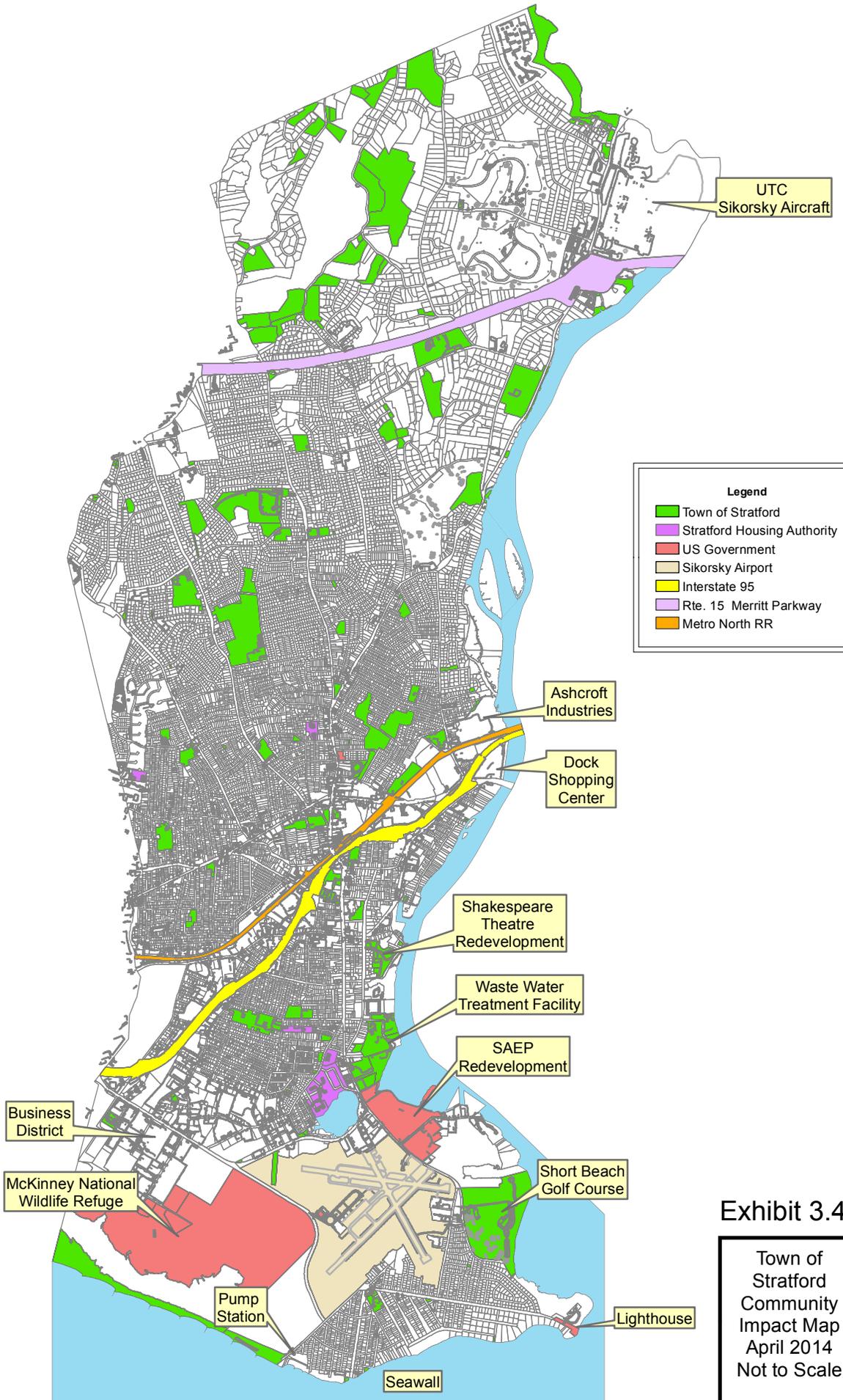
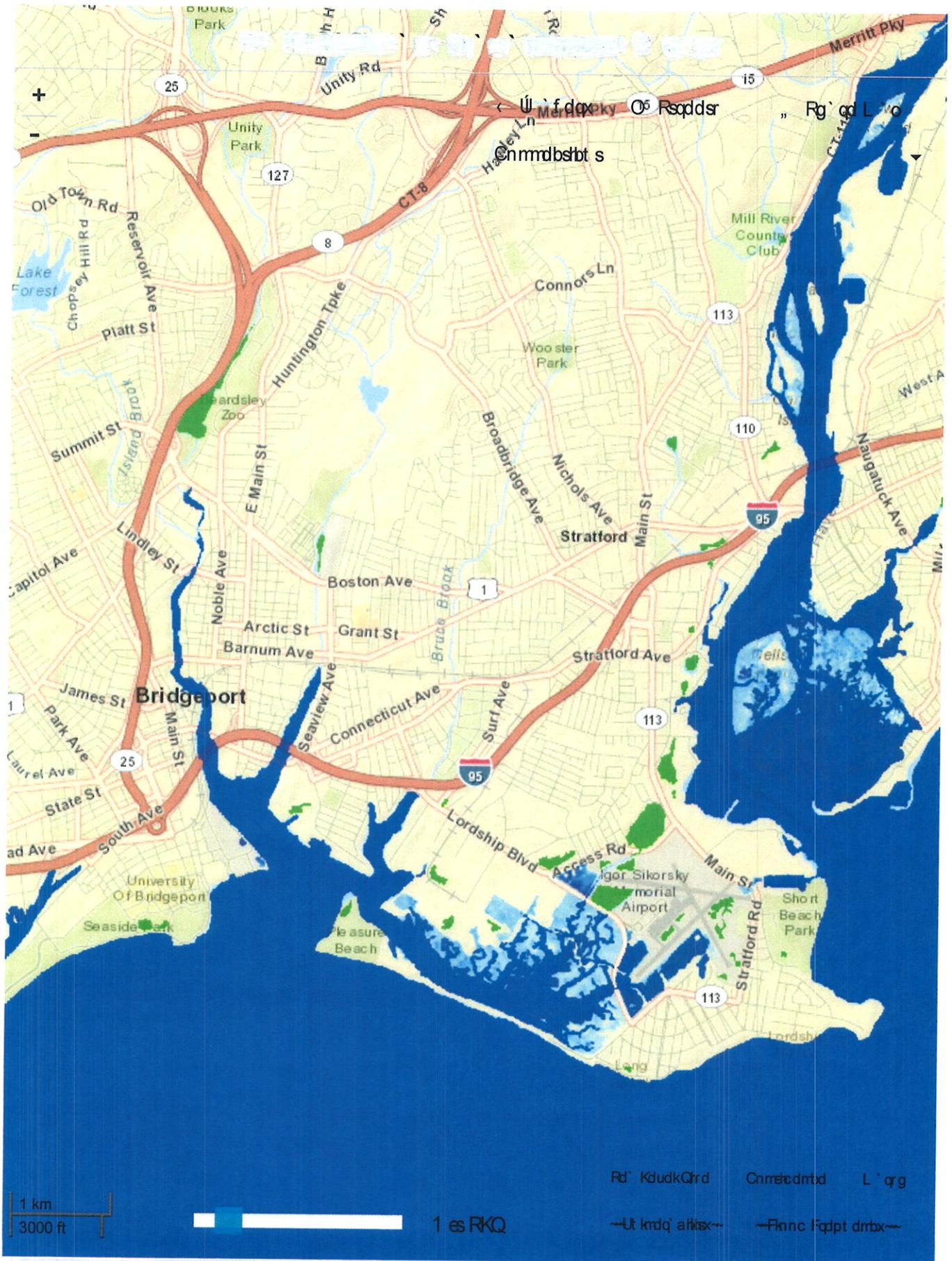


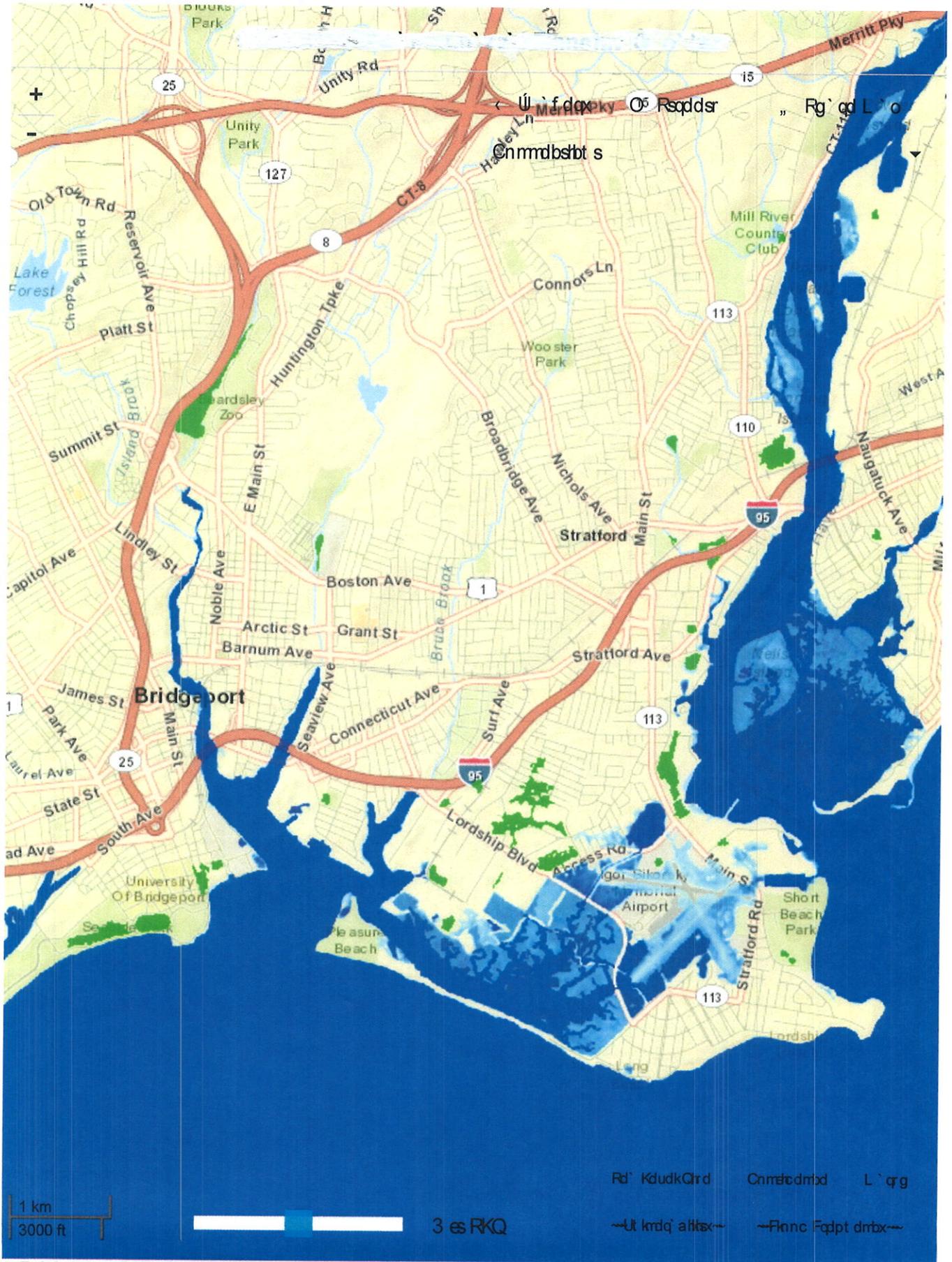
Exhibit 3.4.1

Town of Stratford
Community Impact Map
April 2014
Not to Scale



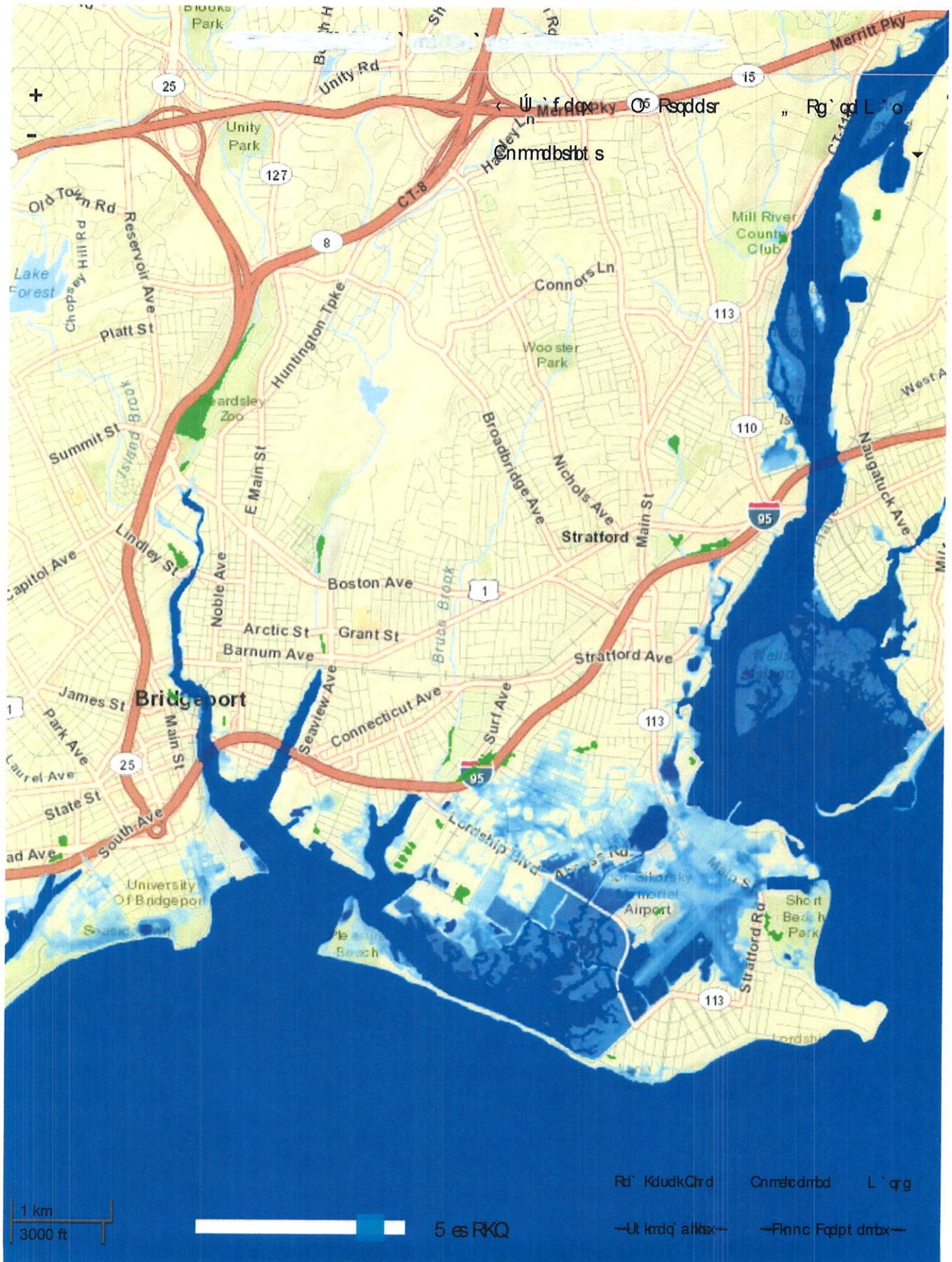
TOWN OF STRATFORD, CONNECTICUT

Predicted 1 Foot Sea Level Rise



TOWN OF STRATFORD, CONNECTICUT

Predicted 3 Foot Sea Level Rise



TOWN OF STRATFORD, CONNECTICUT

Predicted 5 Foot Sea Level Rise

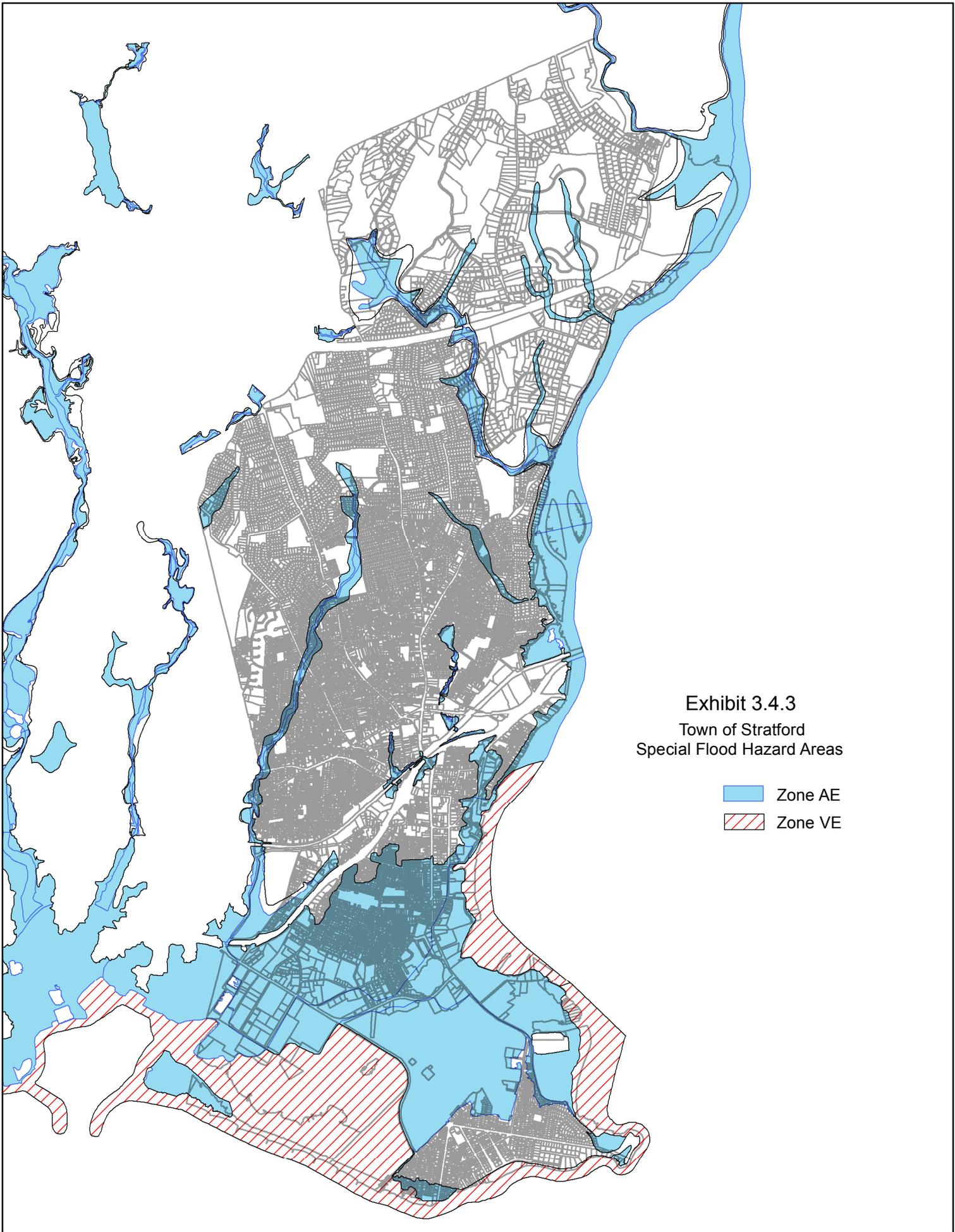
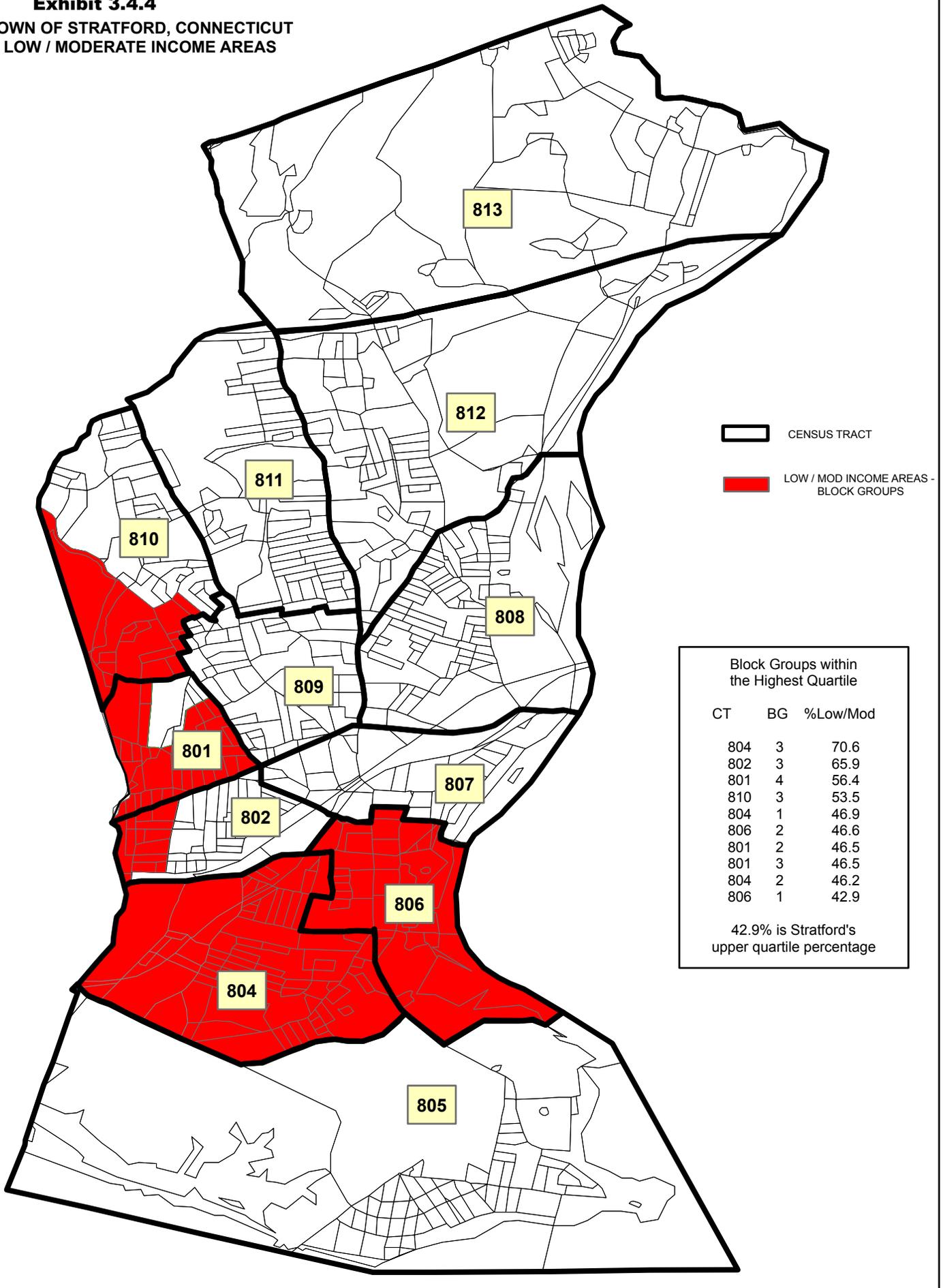


Exhibit 3.4.3
Town of Stratford
Special Flood Hazard Areas

- Zone AE
- Zone VE

Exhibit 3.4.4

**TOWN OF STRATFORD, CONNECTICUT
LOW / MODERATE INCOME AREAS**



-  CENSUS TRACT
-  LOW / MOD INCOME AREAS - BLOCK GROUPS

Block Groups within the Highest Quartile

CT	BG	%Low/Mod
804	3	70.6
802	3	65.9
801	4	56.4
810	3	53.5
804	1	46.9
806	2	46.6
801	2	46.5
801	3	46.5
804	2	46.2
806	1	42.9

42.9% is Stratford's upper quartile percentage

Exhibit 3.5: Community Support and Public Participation

The Town of Stratford, a long-time participant in the Community Development Block Grant entitlement program, recognizes the importance of citizen participation in the allocation and expenditure of CDBG dollars. After the selected consultant completes their review of prior storm events and the measures the Town has historically taken in low-lying areas to address the impacts of these events, they will develop a series of options to address these problems. These options may be presented by focusing on several systems over one or more specific geographic areas (the Surf Avenue corridor or the vicinity of the Seawall in Lordship, for example) or looking at a series of options with regard to roadways, then a series with regard to stormwater sewers, then another with regard to storm barriers, such as the Seawall, etc.

The options will be presented to the public in one or more community forums as deemed appropriate based on the content and extent of the options developed. These forums will be advertised in the *Stratford Star*, the local weekly paper, and advertised on the Town website 15 days in advance of the meetings. As much as possible, public meetings will be conducted at locations within the boundaries of the study area. The Town will also regularly issue press releases to the *Star* and other media outlets throughout the process so that the public is aware that plan development is underway well in advance of the community forums.

Based on the public input and reaction during these meetings, consultant staff in collaboration with Town staff will finalize a set of options for implementation which will be presented for further public input and refinement at a Planning Commission public hearing before eventual adoption of the final coastal resiliency plan by the Planning Commission at a subsequent meeting.

In addition to this public participation process, the Greater Bridgeport Regional Council, our regional planning body, has voiced their support for Stratford pursuing this project, as demonstrated by the attached letter.



April 24, 2014

The Honorable John A. Harkins
Mayor
Town of Stratford
2725 Main Street
Stratford, CT 06615

Dear Mayor Harkins:

The Greater Bridgeport Regional Council (GBRC) is pleased to lend its support to the Town of Stratford's CDBG-DR application to the State of Connecticut Department of Housing for planning dollars to address the long-term needs of the Town's infrastructure and public facilities. This planning study is a natural extension of the work that GBRC has been doing with Stratford and other communities in the Bridgeport area to promote greater sustainability of the built environment, especially in areas where natural hazards pose a threat to communities.

The GBRC is a multi-discipline, regional planning organization comprised of six member communities centered on the City of Bridgeport. We focus on implementing the recommendations of several regional planning processes concerning transportation, land use, economic development, housing, and protection of the natural environment.

GBRC will soon complete its update of the 2007 Regional Natural Hazard Mitigation Plan (NHMP) in which the Town of Stratford played a key role by hosting a day-long workshop on October 4, 2013 with community stakeholders. Partnering with The Nature Conservancy, we strove in this workshop to help Town officials and other interested parties identify the hazards facing Stratford and increase awareness of the risks that extreme weather posed to the community. While this regional plan will provide a risk assessment of the region's vulnerability to specific natural hazards and provide strategies to mitigate each community's exposure and loss to future natural disasters, we see the development of a Coastal Resiliency Plan for the Town of Stratford as truly drilling down on the frailties and susceptibility of the infrastructure,



GBRC

Greater Bridgeport Regional Council

Bridgeport • Easton • Fairfield • Monroe • Stratford • Trumbull

housing, and public facility network in Stratford and providing specific solutions born of a much more intensive community process than a regional agency can, or should, offer.

The Regional NHMP is a good starting point for the work in which Stratford will engage and the GBRC stands ready to assist the selected consultant and participate in the development of this plan in any way that we can.

Please call or email me at 203-366-5405, x. 25 or bbidolli@gbrc.org with any questions.

Thank you.

Sincerely,

Brian T. Bidolli
Executive Director

Exhibit 3.6: Consistency with the Connecticut’s Consolidated Plan for 2010-2015; the Plan of Conservation and Development for 2013-2018; Connecticut’s Hazard and Mitigation Plan and CDBG-DR Action Plan.

This project is consistent with the performance measurement objectives set forth in Connecticut’s Consolidated Plan for 2010-2015 seeking to engage in community development activities that promote responsible growth principles to develop viable urban communities and suitable living environments. This project will enhance a suitable living environment through improved sustainability of the Town’s infrastructure and public facilities.

The project area is roughly coterminous with the area noted within the State POCD as a Hurricane Inundation Area and therefore supported by Growth Management Principle # 5 from that plan to protect and ensure the integrity of environmental assets critical to public health and safety.

In particular, this project is consistent with the State’s CDBG-DR Action Plan insofar as that plan stipulates the expenditure of just over \$2 million “to assist in the planning processes associated with improving the resiliency of infrastructure and public facilities, and providing mitigation activities in the areas of the State that are eligible for the expenditure of the Funding.” (State CDBG-DR Action Plan, p. 73)

The Town will work to ensure that this plan is consistent with the Regional Natural Hazard Mitigation Plan prepared by the Greater Bridgeport Regional Council. Stratford’s development of a Coastal Resiliency Plan peculiar to the specific infrastructure and public facility concerns of Stratford has the blessing of the GBRC, as demonstrated by the support letter for this project that is part of Exhibit 3.5.