

# Grantee: Connecticut - DOH

## Grant: B-13-DS-09-0002

### July 1, 2019 thru September 30, 2019 Performance

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<b>Grant Number:</b> B-13-DS-09-0002	<b>Obligation Date:</b>	<b>Award Date:</b>
<b>Grantee Name:</b> Connecticut - DOH	<b>Contract End Date:</b>	<b>Review by HUD:</b> Submitted - Await for Review
<b>Grant Award Amount:</b> \$54,277,359.00	<b>Grant Status:</b> Active	<b>QPR Contact:</b> Rebecca French
<b>LOCCS Authorized Amount:</b> \$54,277,359.00	<b>Estimated PI/RL Funds:</b>	
<b>Total Budget:</b> \$54,277,359.00		

### Disasters:

#### Declaration Number

No Disasters Found

### Narratives

#### Executive Summary:

Connecticut's resilience activities exist at three scales: local demonstration infrastructure projects that will enhance resilience in the low-moderate income City of Bridgeport as a model for the rest of the state, a regional planning process to create a blueprint for resilience across the MID-URN areas of Fairfield and New Haven Counties, and state policy to institutionalize resilience through the SAFR (State Agencies Fostering Resilience) Council.

In Bridgeport, NDR funds will be used to construct three projects and complete two studies. The state will construct a raised University Avenue to provide dry egress for multiple properties that are receiving state support to remediate brownfields and redevelop as mixed-use, a berm that will encircle the eastern area of the South End and significantly reduce flood risk to a large area that includes power generation and substations as well as affordable and historic housing and future transit-oriented development opportunities, and a resilience design center to act as a community hub for resilience activities. The state will study the potential to leverage the regional energy generation and distribution infrastructure located in the South End of Bridgeport for neighborhood benefit and the opportunities for redevelopment in the flood plain in a responsible and resilient manner.

Across Fairfield and New Haven Counties, NDR funds will be used to develop the regional coastal resilience plan, Connecticut Connections. This plan will be based on modeling to be conducted to better understand flood risk and the combination of coastal surge and riverine flooding and provide a blueprint towards resilience for the communities from Greenwich to Madison.

Statewide, NDR funds will support the SAFR Council in their effort to create a resilience roadmap for the state and to institutionalize resilience into state policies.

The activities being carried out under NDR contribute to the State's efforts to affirmatively further fair housing by: 1) enabling the continued safe habitation of existing affordable housing opportunities within walking distance of jobs, public transportation and amenities; 2) mitigating both present and future flood related issues of both publicly and privately owned properties targeted for future multifamily and economic development; and 3) preserving and increasing the potential for affordable homeownership opportunities in this target neighborhood. In addition, the NDR activities will contribute to addressing the regional need to affirmatively further fair housing by encouraging both housing and economic development in low flood risk and transit-oriented neighborhoods across Fairfield and New Haven counties. Many of these NDR activities address specific action steps found in the State of Connecticut Analysis of Impediments to Fair Housing Choice, which is compliant with and supports the federal obligation to affirmatively further fair housing. These action steps include: 1) encourage the creation and rehabilitation of affordable housing in a variety of locations; 2) collaborate with other state agencies to affirmative further fair housing; and 3) ensure state and local planning documents affirmatively further fair housing.

#### MID-URN Areas:

The State of Connecticut activities focus on the MID-URN geographies of Fairfield and New Haven Counties with the NDR-funded infrastructure activities limited to the Low-Mod income city of Bridgeport.

#### Key Agencies, Partners, Positions, Personnel:

Staff at the Department of Housing will oversee all activities funded through the NDR grant. In addition to a Director of the program, the state will be competitively procuring program management support for grant management, compliance, finance, and other functions.

The bulk of the work will be conducted by consultants and the state is just completing its first public procurement for alternatives assessment, environmental review, and preliminary engineering. Additional consultants will be procured as needed as the projects progress.

The CT Institute for Resilience and Climate Adaptation (CIRCA) at the University of Connecticut will act a sub-recipient, leading the CT Coastal Connections Regional Plan process.



Other state agencies through the SAFR Council including the Office of Policy and Management, Department of Transportation, Department of Energy and Environmental Protection and others will support the Department of Housing on timely permitting, review, and other support measures to ensure that the outcomes and timelines of the projects are met.

Overall	This Report Period	To Date
<b>Total Projected Budget from All Sources</b>	N/A	\$1,126,944,258.00
<b>Total Budget</b>	\$0.00	\$54,277,359.00
<b>Total Obligated</b>	\$252,049.15	\$6,067,254.26
<b>Total Funds Drawdown</b>	\$252,049.15	\$6,067,254.26
<b>Program Funds Drawdown</b>	\$252,049.15	\$6,067,254.26
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$252,049.15	\$6,067,254.26
<b>Most Impacted and Distressed Expended</b>	\$1,198,799.52	\$4,468,940.16
<b>Match Contributed</b>	\$0.00	\$11,415,723.00

## Progress Toward Required Numeric Targets

Requirement	Target	Actual
<b>Overall Benefit Percentage (Projected)</b>		98.40%
<b>Overall Benefit Percentage (Actual)</b>		100.00%
<b>Minimum Non-Federal Match</b>	\$0.00	\$11,415,723.00
<b>Limit on Public Services</b>	\$8,141,603.85	\$0.00
<b>Limit on Admin/Planning</b>	\$12,380,665.59	\$1,719,191.50
<b>Limit on Admin</b>	\$0.00	\$922,575.08
<b>Most Impacted and Distressed Threshold (Projected)</b>	\$54,277,359.00	\$0.00



## Overall Progress Narrative:

The third quarter of 2019 focused on responding to public comment received on the Draft EIS, completing the Final EIS (FEIS), and drafting the Programmatic Agreement (PA) including mitigation measures to resolve adverse effects to historic properties as part of Section 106 of the National Historic Preservation Act with the CT State Historic Preservation Office. The FEIS included a Preferred Alternative for the Proposed Action based on comments received on the Draft EIS. The FEIS and a copy of the draft Final PA were posted for a 30-day public comment period with a Notice of Availability posted in the Federal Register on September 6, 2019. During the public comment period in September the CT DOH held teleconferences with consulting parties to review the draft Final PA. A teleconference was held with the Technical Advisory Committee on September 23, 2019 to review the Preferred Alternative of the FEIS and draft Final PA.

For Administration, the CT DOH responded to questions from HUD headquarters during a monitoring visit in July and implemented improved record-keeping protocols. The project management consultant team continues to support all aspects of administration including procurement, finance, audit, monitoring, document storage, environmental review, and construction.

## Project Summary

Project #, Project Title	This Report	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
LTC, Long Term Commitment	\$0.00	\$0.00	\$0.00
NDR-ADMIN-26336, Administration	\$35.07	\$2,713,868.00	\$922,575.08
NDR-BPT-, Bridgeport South End	\$2,213.75	\$42,574,036.00	\$4,478,901.36
NDR-CCRP-, Connecticut Connections Coastal Resilience	\$249,800.33	\$8,989,455.00	\$665,777.82
OV, Outcome Values	\$0.00	\$0.00	\$0.00
SL, Supporting Leverage	\$0.00	\$0.00	\$0.00



# Activities

**Project # /** NDR-ADMIN-26336 / Administration

**Grantee Activity Number:** NDR-ADMIN  
**Activity Title:** Administration

**Activity Category:**

Administration

**Activity Status:**

Under Way

**Project Number:**

NDR-ADMIN-26336

**Project Title:**

Administration

**Projected Start Date:**

02/08/2017

**Projected End Date:**

09/30/2022

**Benefit Type:**

( )

**Completed Activity Actual End Date:**

**National Objective:**

NA

**Responsible Organization:**

STATE OF CONNECTICUT

Overall	Jul 1 thru Sep 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,713,868.00
Total Budget	\$0.00	\$2,713,868.00
Total Obligated	\$35.07	\$922,575.08
Total Funds Drawdown	\$35.07	\$922,575.08
Program Funds Drawdown	\$35.07	\$922,575.08
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$35.07	\$922,575.08
STATE OF CONNECTICUT	\$35.07	\$922,575.08
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

**Activity Description:**

Grant Administration activities to ensure that the program deadlines are met and all HUD regulations are followed in achieving the desired outcomes of the other projects.

**Location Description:**

Statewide

**Activity Progress Narrative:**

The CT DOH responded to questions from the HUD headquarters during their scheduled monitoring visit in the month of July. The CT DOH implemented improved record-keeping by incorporating a checklist for contractor invoices, recording dates of check-in meetings with the program management consultant for the CT DOH, and logging CT DOH program manager activities by Admin vs. Program Delivery. The log supplements the continuing recording of Program Delivery and Admin hours in the biweekly timesheets for the CT DOH staff on



NDR grants. The CT DOH financial staff, with the review and approval of the CT DOH Program Manager, continue to oversee all payments, DRGR drawdowns, and payroll. The program management (PM) consultant continues to provide support for all aspects of the program grant. As the liaison between the project consultants and CTDOH they manage the document management system (eBuilder) that houses all aspects of the program including contracts, submittals, reports and registers and copies of financial documents. The PM follows efficient workflows that will allow for full tracking of all program components. As the grantee, CTDOH has full and final oversight of all aspects of the program and the PM team reports directly to CTDOH.

**Accomplishments Performance Measures**

**No Accomplishments Performance Measures**

**Beneficiaries Performance Measures**

**No Beneficiaries Performance Measures found.**

**Activity Locations**

**No Activity Locations found.**

**Other Funding Sources Budgeted - Detail**

<b>Match Sources</b>	<b>Amount</b>
Department of Energy and Environmental Protection	\$25,000,000.00
Department of Transportation	\$1,000,000.00
Office of Policy and Management	\$350,000.00
University of Connecticut, CT Institute for Resilience and Climate Adaptation	\$1,200,000.00
Subtotal Match Sources	

<b>Other Funding Sources</b>	<b>Amount</b>
No Other Funding Sources Found	
Total Other Funding Sources	

**Project # / NDR-BPT- / Bridgeport South End**

<b>Grantee Activity Number:</b>	<b>NDR-BPT-Berm - 2066128</b>
<b>Activity Title:</b>	<b>Earthen Berm</b>

**Activity Category:**  
Dike/dam/stream-river bank repairs

**Project Number:**  
NDR-BPT-

**Projected Start Date:**  
02/08/2017

**Benefit Type:**  
Area ( )

**National Objective:**  
Low/Mod

**Activity Status:**  
Under Way

**Project Title:**  
Bridgeport South End

**Projected End Date:**  
09/30/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**  
STATE OF CONNECTICUT

<b>Overall</b>	<b>Jul 1 thru Sep 30, 2019</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	N/A	\$35,630,036.00
<b>Total Budget</b>	\$0.00	\$35,630,036.00

<b>Total Obligated</b>	\$1,881.69	\$3,695,833.00
<b>Total Funds Drawdown</b>	\$1,881.69	\$3,695,833.00
<b>Program Funds Drawdown</b>	\$1,881.69	\$3,695,833.00
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$1,881.69	\$3,695,833.00
STATE OF CONNECTICUT	\$1,881.69	\$3,695,833.00
<b>Most Impacted and Distressed Expended</b>	\$1,018,958.00	\$3,695,833.00
<b>Match Contributed</b>	\$0.00	\$0.00

### Activity Description:

Construct an accredited flood protection line linking the redevelopment of 60 Main Street, the new elevated natural gas-fired power plant, and downtown, removing the eastern South End's critical infrastructure and low-moderate income housing and historic districts from the 100-year flood plain and reinforcing the connection between the Downtown and South End neighborhoods.

### Location Description:

City of Bridgeport's South End

### Activity Progress Narrative:

The third quarter of 2019 was highlighted by ongoing work to complete the Final EIS, most notably the drafting and finalizing of the Programmatic Agreement (PA) between CT DOH and CT SHPO and posting of the Notice of Availability of the FEIS and draft final PA on September 6, 2019 beginning a 30-day public comment period. In response to public comments, the FEIS included a Preferred Alternative 1 and three additional alternatives for the alignment of the coastal flood defense system and evaluated them for their environmental impacts. The four alternatives were in place of the Eastern and Western alignments with a shaded area between them in the Draft EIS. The Preferred Alternative 1 alignment in the FEIS offered the greatest area of flood protection and avoided an adverse impact to the historic Cottage district in the South End. The draft Final PA included mitigation measures for the adverse effect on Seaside Park where the coastal flood defense system crosses the entrance to the park between Broad and Main streets. The mitigation measures included an update to the Seaside Park national register nomination, two additional nominations in the Bridgeport area related to the Olmsted firms, a Seaside Park preservation and implementation plan with implementation funds and replacing trees impacted during construction in the park. CT DOH met with consulting parties to review these mitigation measures during the public comment period.

### Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
<b># of public facilities</b>	0	0/1
<b># of Linear feet of Public</b>	0	0/3500
<b># of Linear miles of Public</b>	0	0/1

### Beneficiaries Performance Measures

**No Beneficiaries Performance Measures found.**

### Activity Locations

**No Activity Locations found.**



## Other Funding Sources Budgeted - Detail

### No Other Match Funding Sources Found

#### Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

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**Grantee Activity Number:** NDR-BPT-Energy - 2066130

**Activity Title:** District Energy Feasibility

**Activity Category:**

Planning

**Activity Status:**

Under Way

**Project Number:**

NDR-BPT-

**Project Title:**

Bridgeport South End

**Projected Start Date:**

02/08/2017

**Projected End Date:**

09/30/2022

**Benefit Type:**

Area ( )

**Completed Activity Actual End Date:**

**National Objective:**

Low/Mod

**Responsible Organization:**

STATE OF CONNECTICUT

**Overall**

	<b>Jul 1 thru Sep 30, 2019</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	N/A	\$350,000.00
<b>Total Budget</b>	\$0.00	\$350,000.00
<b>Total Obligated</b>	\$0.00	\$130,838.60
<b>Total Funds Drawdown</b>	\$0.00	\$130,838.60
<b>Program Funds Drawdown</b>	\$0.00	\$130,838.60
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$130,838.60
STATE OF CONNECTICUT	\$0.00	\$130,838.60
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$120,877.40
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Develop a plan to leverage the existing regional electricity transmission, distribution, and generation located within the Project area coupled with the two local micro-grids for local benefit. The result will be a strategy for the district-wide energy opportunity that can be replicated throughout the region.

**Location Description:**

City of Bridgeport's South End, West End, and Black Rock Harbor

**Activity Progress Narrative:**

The energy feasibility study was reviewed by CT DOH during this quarter.

**Accomplishments Performance Measures**

	<b>This Report Period</b>	<b>Cumulative Actual Total / Expected</b>
	<b>Total</b>	<b>Total</b>
<b># of Plans or Planning Products</b>	0	0/1
<b># of community engagement</b>	0	0/2





## Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

## Activity Locations

No Activity Locations found.

## Other Funding Sources Budgeted - Detail

### Match Sources

	<b>Amount</b>
Department of Energy and Environmental Protection	\$5,155,899.00
Subtotal Match Sources	

### Other Funding Sources

	<b>Amount</b>
No Other Funding Sources Found	
Total Other Funding Sources	

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<b>Grantee Activity Number:</b>	<b>NDR-BPT-Guide - 2066129</b>
<b>Activity Title:</b>	<b>Floodplain Design Guidelines</b>

**Activity Category:**

Planning

**Activity Status:**

Planned

**Project Number:**

NDR-BPT-

**Project Title:**

Bridgeport South End

**Projected Start Date:**

02/08/2017

**Projected End Date:**

09/30/2022

**Benefit Type:**

Area ( )

**Completed Activity Actual End Date:**

**National Objective:**

Low/Mod

**Responsible Organization:**

STATE OF CONNECTICUT

Overall	Jul 1 thru Sep 30, 2019	To Date
<b>Total Projected Budget from All Sources</b>	N/A	\$330,000.00
<b>Total Budget</b>	\$0.00	\$330,000.00
<b>Total Obligated</b>	\$0.00	\$0.00
<b>Total Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$0.00
STATE OF CONNECTICUT	\$0.00	\$0.00
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Develop policies for new development in the City's neighborhoods prone to flooding that balances ecological protection and retreat with reinvestment in transit-oriented development that can serve as a model for the rest of Connecticut's coast.

**Location Description:**

City of Bridgeport's South End and Black Rock Harbor

**Activity Progress Narrative:**

**Accomplishments Performance Measures**

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
<b># of Plans or Planning Products</b>	0	0/1
<b># of community engagement</b>	0	0/2



### **Beneficiaries Performance Measures**

**No Beneficiaries Performance Measures found.**

### **Activity Locations**

**No Activity Locations found.**

### **Other Funding Sources Budgeted - Detail**

**No Other Match Funding Sources Found**

#### **Other Funding Sources**

**Amount**

No Other Funding Sources Found

Total Other Funding Sources

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**Grantee Activity Number:** NDR-BPT-ResCtr - 2066127

**Activity Title:** Resilience Center

**Activity Category:**

Rehabilitation/reconstruction of public facilities

**Project Number:**

NDR-BPT-

**Projected Start Date:**

02/02/2017

**Benefit Type:**

Area ( )

**National Objective:**

Low/Mod

**Activity Status:**

Under Way

**Project Title:**

Bridgeport South End

**Projected End Date:**

09/30/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**

STATE OF CONNECTICUT

<b>Overall</b>	<b>Jul 1 thru Sep 30, 2019</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	N/A	\$1,000,000.00
<b>Total Budget</b>	\$0.00	\$1,000,000.00
<b>Total Obligated</b>	\$53.13	\$104,361.54
<b>Total Funds Drawdown</b>	\$53.13	\$104,361.54
<b>Program Funds Drawdown</b>	\$53.13	\$104,361.54
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$53.13	\$104,361.54
STATE OF CONNECTICUT	\$53.13	\$104,361.54
<b>Most Impacted and Distressed Expended</b>	\$28,779.82	\$104,361.54
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Construct a design center in the South End to operate as a community center and provide a central location for providing information to the community and assist the community in future recovery efforts.

**Location Description:**

City of Bridgeport's South End

**Activity Progress Narrative:**

The third quarter of 2019 was highlighted by ongoing work to complete the Final EIS, most notably the drafting and finalizing of the Programmatic Agreement (PA) between CT DOH and CT SHPO and posting of the Notice of Availability of the FEIS and draft final PA on September 6, 2019 beginning a 30-day public comment period. Providing funds for the creation of a Resilience Center within the Freeman Houses owned by the Mary and Eliza Freeman Center for History and Community (Freeman Center) and green infrastructure elements near the entrance to Seaside Park at Main Street and University Avenue were selected as the Preferred Alternative in the FEIS. The draft final PA included a required review by the CT SHPO and the Freeman Center of the Resilience Center designs at 60% and 90% to evaluate their impact on the historic Freeman Houses listed in the National Register. The Freeman Center was invited to be a Concurring party on the PA.



## Accomplishments Performance Measures

No Accomplishments Performance Measures

## Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

## Activity Locations

No Activity Locations found.

## Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

### Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

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**Grantee Activity Number:** NDR-BPT-Univ-2066126

**Activity Title:** University Ave

**Activity Category:**

Construction/reconstruction of streets

**Project Number:**

NDR-BPT-

**Projected Start Date:**

02/08/2017

**Benefit Type:**

Area ( )

**National Objective:**

Low/Mod

**Activity Status:**

Under Way

**Project Title:**

Bridgeport South End

**Projected End Date:**

09/30/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**

STATE OF CONNECTICUT

<b>Overall</b>	<b>Jul 1 thru Sep 30, 2019</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	N/A	\$5,264,000.00
<b>Total Budget</b>	\$0.00	\$5,264,000.00
<b>Total Obligated</b>	\$278.93	\$547,868.22
<b>Total Funds Drawdown</b>	\$278.93	\$547,868.22
<b>Program Funds Drawdown</b>	\$278.93	\$547,868.22
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$278.93	\$547,868.22
STATE OF CONNECTICUT	\$278.93	\$547,868.22
<b>Most Impacted and Distressed Expended</b>	\$151,061.70	\$547,868.22
<b>Match Contributed</b>	\$0.00	\$2,140,000.00

**Activity Description:**

Raise University Avenue from Myrtle Avenue to 60 Main Street to serve as a dry egress corridor for the redevelopment of 60 Main Street and other properties.

**Location Description:**

City of Bridgeport's South End

**Activity Progress Narrative:**

The third quarter of 2019 was highlighted by ongoing work to complete the Final EIS, most notably the drafting and finalizing of the Programmatic Agreement (PA) between CT DOH and CT SHPO and posting of the Notice of Availability of the FEIS and draft final PA on September 6, 2019 beginning a 30-day public comment period. The elevation of University Avenue was the Preferred Alternative in the FEIS. The draft Final PA included mitigation measures for the adverse effect on Seaside Park where the elevated University Avenue crosses the entrance to the park between Broad and Main streets. The mitigation measures included an update to the Seaside Park national register nomination, two additional nominations in the Bridgeport area related to the Olmsted firms, a Seaside Park preservation and implementation plan with implementation funds and replacing trees impacted during construction in the park. CT DOH met with consulting parties to review these mitigation measures during the public comment period.



## Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/1310
# of Linear miles of Public	0	0/1

## Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

## Activity Locations

No Activity Locations found.

## Other Funding Sources Budgeted - Detail

Match Sources	Amount
Department of Economic and Community Development	\$2,365,000.00
Subtotal Match Sources	

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

## Project # / NDR-CCRP- / Connecticut Connections Coastal Resilience

<b>Grantee Activity Number:</b>	<b>NDR-CCCRP-Coastal - 2066131</b>
<b>Activity Title:</b>	<b>Connecticut Connections Coastal Resilience Plan</b>

### Activity Category:

Planning

### Project Number:

NDR-CCRP-

### Projected Start Date:

02/08/2017

### Benefit Type:

Area ( )

### National Objective:

NA

### Activity Status:

Under Way

### Project Title:

Connecticut Connections Coastal Resilience Plan

### Projected End Date:

09/30/2022

### Completed Activity Actual End Date:

### Responsible Organization:

STATE OF CONNECTICUT

## Overall

	Jul 1 thru Sep 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$8,989,455.00
Total Budget	\$0.00	\$8,989,455.00
Total Obligated	\$249,800.33	\$665,777.82
Total Funds Drawdown	\$249,800.33	\$665,777.82



<b>Program Funds Drawdown</b>	\$249,800.33	\$665,777.82
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$249,800.33	\$665,777.82
STATE OF CONNECTICUT	\$249,800.33	\$665,777.82
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$9,273,571.00

**Activity Description:**

Develop a regional coastal resilience plan covering the MID-URN geography of Fairfield and New Haven Counties including modeling of the future impacts of flooding to critical facilities.

**Location Description:**

All of Fairfield and New Haven Counties

**Activity Progress Narrative:**

The draft Resilient Connecticut Planning Framework was reviewed with the SAFR Council State Agency Workgroup at meetings on July 15th and September 9th Comments were incorporated into a 2nd draft Framework. A CIRCA-lead Technical Feedback Listening Session was held at Avery Point on September 5th to gather additional input from planning and engineering consultants with experience in resilience project planning and implementation in Connecticut and the region. A final Draft Resilient Connecticut Planning Framework was completed for review by CT DOH. A meeting with CT Department of Transportation, CT DEEP, and CIRCA was held on September 25th to further discuss road flooding issues as well as, opportunities to align DOT planning with the Regional planning phase (Phase II) of Resilient Connecticut. A meeting with the CT Department of Homeland Security and Emergency Management (DEMHS) was also held on September 25th to discuss the role of DEMHS Regional Emergency Management Planning Teams in coordinating across towns and regions and opportunities for collaboration. CIRCA began development of an RFQ to solicit contractors for the Phase II regional analysis and engagement, and Phase III pilot project development and implementation planning work. This quarter the Resilient Connecticut Team’s technical support activities team focused on developing the numerical modeling capability, improving the vulnerability mapping, initiating fieldwork and continuing the development of capacity building activities. CIRCA focused on numerical model domain development by generating topography, and bathymetry data for the Long Island Sound obtained from LIDAR data with the NAVD88 datum. Water levels simulated for Bridgeport, New Haven, New London, and Montauk tide stations are being calibrated to match model results for Hurricane Sandy in order to verify the representation of the Long Island Sound in CIRCA’s numerical model. The input biophysical and socio-economic variable analysis has been completed for CIRCA’s initial coastal vulnerability assessment. The resulting seven exposure layers have been prepared considering coastal exposure, physical impact, saltwater intrusion impact, natural habitat, critical facilities, and social vulnerability. Planning for initial fieldwork sites has been completed. A set of pressure and acoustic doppler sensors are planned to be deployed for upstream and downstream of six initial locations in Fairfield and New Haven Counties. The first annual Resilient Connecticut Summit was scheduled and registration was announced. CIRCA’s monthly webinar series continued in this quarter with a session in July on “New Planning and Visualization Tools for Sea Level Rise” and September on “Connecticut’s climate report: precipitation projections and a New Haven case study.”

**Accomplishments Performance Measures**

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
<b># of Plans or Planning Products</b>	0	0/1
<b># of community engagement</b>	1	4/15

**Beneficiaries Performance Measures**

**No Beneficiaries Performance Measures found.**





## Activity Locations

No Activity Locations found.

## Other Funding Sources Budgeted - Detail

### Match Sources

	Amount
Department of Economic and Community Development	\$30,350,000.00
Department of Transportation	\$81,400,000.00
Subtotal Match Sources	

### Other Funding Sources

	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

## Project # / OV / Outcome Values

**Grantee Activity Number:** OV-Econ  
**Activity Title:** Economic Quant Measure

**Activity Category:**

NDR - Economic Value

**Project Number:**

OV

**Projected Start Date:**

02/08/2017

**Benefit Type:**

( )

**National Objective:**

NA

**Activity Status:**

Under Way

**Project Title:**

Outcome Values

**Projected End Date:**

09/30/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**

STATE OF CONNECTICUT

Overall	Jul 1 thru Sep 30, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
Total Funds Drawdown	\$0.00	\$0.00
Program Funds Drawdown	\$0.00	\$0.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$0.00
STATE OF CONNECTICUT	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00



### Activity Description:

Economic quantitative measures of NDR-funded activities and associated with those as follows:

NDR-BPT-Berm: # of participants in construction program; \$ of private investment; % increase in median property value of homes in project area; # of residential building permits

NDR-BPT-Univ: # of students enrolled; # of student residents in project area

### Location Description:

City of Bridgeport's South End

### Activity Progress Narrative:

### Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of students enrolled	0	0/6000
# of residential building permits	0	0/200
% increase in median property	0	0/5
# of participants in construction	0	0/2000
# of student residents in	0	0/1500
\$ of private investment	0	0/50000000

### Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

### Activity Locations

No Activity Locations found.

### Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

<b>Grantee Activity Number:</b>	<b>OV-Envrion</b>
<b>Activity Title:</b>	<b>Environmental Quantitative Measures</b>

**Activitiy Category:**  
NDR - Environmental Value

**Activity Status:**  
Under Way

**Project Number:**  
OV

**Project Title:**  
Outcome Values

**Projected Start Date:**  
02/08/2017

**Projected End Date:**  
09/30/2022

**Benefit Type:**  
( )

**Completed Activity Actual End Date:**

**National Objective:**  
NA

**Responsible Organization:**  
STATE OF CONNECTICUT

<b>Overall</b>	<b>Jul 1 thru Sep 30, 2019</b>	<b>To Date</b>
<b>Total Projected Budget from All Sources</b>	N/A	\$0.00
<b>Total Budget</b>	\$0.00	\$0.00
<b>Total Obligated</b>	\$0.00	\$0.00
<b>Total Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$0.00
STATE OF CONNECTICUT	\$0.00	\$0.00
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Environmental quantitative measures of NDR-funded activities and associated with those as follows:  
 NDR-BPT-Berm: # of acres green infrastructure created  
 NDR-BPT-Univ: # of tourists  
 NDR-BPT-ResCtr: # of green infrastructure projects constructed

**Location Description:**

City of Bridgeport's South End

**Activity Progress Narrative:**

**Accomplishments Performance Measures**

	<b>This Report Period</b>	<b>Cumulative Actual Total / Expected</b>
	<b>Total</b>	<b>Total</b>
<b># of acres green infrastructure</b>	0	0/1
<b># of green infrastructure</b>	0	0/1



**Beneficiaries Performance Measures**

**No Beneficiaries Performance Measures found.**

**Activity Locations**

**No Activity Locations found.**

**Other Funding Sources Budgeted - Detail**

**No Other Match Funding Sources Found**

**Other Funding Sources**

**Amount**

No Other Funding Sources Found

Total Other Funding Sources

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<b>Grantee Activity Number:</b>	<b>OV-Res</b>
<b>Activity Title:</b>	<b>Resilience Quantitative Measure</b>

**Activity Category:**  
NDR - Resilience Value

**Project Number:**  
OV

**Projected Start Date:**  
02/08/2017

**Benefit Type:**  
( )

**National Objective:**  
NA

**Activity Status:**  
Under Way

**Project Title:**  
Outcome Values

**Projected End Date:**  
09/30/2022

**Completed Activity Actual End Date:**

**Responsible Organization:**  
STATE OF CONNECTICUT

Overall	Jul 1 thru Sep 30, 2019	To Date
<b>Total Projected Budget from All Sources</b>	N/A	\$0.00
<b>Total Budget</b>	\$0.00	\$0.00
<b>Total Obligated</b>	\$0.00	\$0.00
<b>Total Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$0.00
STATE OF CONNECTICUT	\$0.00	\$0.00
<b>Most Impacted and Distressed Expended</b>	\$0.00	\$0.00
<b>Match Contributed</b>	\$0.00	\$0.00

**Activity Description:**

Resilience quantitative measures of NDR-funded activities and associated with those as follows:  
 NDR-BPT-Berm: # of acres no longer vulnerable to flood events; # of fewer outages of critical facilities and utilities; # of CRS credit points earned  
 NDR-BPT-Univ: # of properties with access above 100-year flood level  
 NDR-BPT-ResCtr: # of special events  
 NDR-BPT-Energy: # of energy plans completed  
 NDR-BPT-Guide: # of floodplain design standards updated  
 LTC-ShoreUp: # of homes retrofitted with resiliency measures  
 LTC-LocResPlan: # of resilience plans created  
 LTC-GRNSTS: # of legislative actions taken to improve resilience  
 LTC-SAFR: # of Executive Orders issued

**Location Description:**

City of Bridgepor's South End

**Activity Progress Narrative:**

Shore Up CT LTC #of homes retrofitted with resiliency measures: 12 - 12 households used the Shore Up Connecticut program  
 SAFR LTC # of Executive Orders Issued: 1 - Executive Order #50 issued under the Malloy Administration creating the SAFR Council.



## Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of energy plans completed	0	0/1
# of homes retrofitted with	12	12/12
# of legislative actions taken to	0	0/1
# of resilience plans created	0	0/32
# CRS credit points earned	0	0/300
# of acres no longer vulnerable	0	0/75
# of fewer outages of critical	0	0/1
# of floodplain design	0	0/1
# of properties with access	0	0/8
# of special events	0	0/5
# of Executive Orders Issued	1	1/1

## Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

## Activity Locations

No Activity Locations found.

## Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	