



Governor's Office of Storm Recovery

**STATE OF NEW YORK
VILLAGE OF LINDENHURST**

**NY STATE
CDBG-DISASTER RECOVERY PROGRAM**

APPLICATION FOR FUNDING

**VILLAGE OF LINDENHURST DRAINAGE IMPROVEMENTS
CULVERT AND LEACHING STRUCTURES**

AUGUST 2017

PREPARED BY

**HUNT, GUILLOT, & ASSOCIATES, LLC
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General Description Form

Place a check mark in the appropriate box: ☒ Original Application ☐ Amended Application

Applicant Name, Address, and Phone Number: Mayor Michael A. Lavorata Village of Lindenhurst 430 South Wellwood Avenue Lindenhurst, NY 11757 Phone: (631) 957-7500	Project Name: Village of Lindenhurst Drainage Improvements Culvert and Leaching Structures IMP.S.932b Project Address: Village of Lindenhurst Village Hall 430 S Wellwood Ave, Lindenhurst, NY 11757 (approximate geographic center of project area)
Applicant's Contact Person Name, Address, Phone Number, Email Address, DUNS Number, and SAM CAGE Code Number. Douglas Madlon, Clerk/Treasurer Village of Lindenhurst 430 S. Wellwood Ave. Lindenhurst, NY 11757 (631) 957-7503 dmadlon@villageoflindenhurstny.gov DUNS Number: 06-805-7892 SAMS-CAGE Code: 7PW53	Name, Address, Phone Number and Email Address of HGA Administrative Consultant: (if applicable) Bonnie Lafont CDBG Subject Matter Expert, HGA 500 Bi-County Blvd., Suite 300 Farmingdale, NY 11735 Phone: (631) 465-9369 Email: blafont@hga-llc.com
(Continued from previous section)	Name, Address, Phone Number and Email Address of GOSR Project Manager: Sara Chin, Program Assistant Community Reconstruction – Long Island NY Rising Community Reconstruction Program 500 Bi-County Blvd, Suite 300 Farmingdale, NY 11735 (631) 414-7420 sara.chin@stormrecovery.ny.gov
Name, Address, Phone Number and Email Address of Architectural/Engineering Firm:	National Objective to be Addressed (check one). <div style="margin-bottom: 5px;"> <input type="checkbox"/> Activities Benefiting Low/Moderate Income Persons </div> <div style="margin-bottom: 5px;"> <input type="checkbox"/> Prevention/Elimination of Slums or Blight </div> <div style="margin-bottom: 5px;"> <input checked="" type="checkbox"/> Urgent Need </div> <div style="margin-bottom: 5px;"> <input type="checkbox"/> Not Applicable—Planning </div>

Project Funds	Amount	Source and Status of Funds
CDBG-DR	\$1,581,962.00	CDBG-DR
Local Funds	\$0.00	
Private Funds	\$0.00	
Other State Funds	\$0.00	
Federal Funds (non-CDBG-DR)	\$0.00	
Other Funds	\$0.00	
TOTAL FUNDS	\$1,581,962.00	
Signature (Authorizing Official) and Date Signed		Typed Name/Title (Authorizing Official)
Date: _____		Michael Lavorata, Mayor Village of Lindenhurst

The cost estimate in this application is less than the cost estimate in the pre-application due to the removal of the Culvert and Leaching Structures as a separate CDBG-DR application.

SUPPLEMENTAL INFORMATION

Project Name: Village of Lindenhurst Drainage Improvements: Culvert and Leaching Structures

1. Identify the name, telephone and District # of the State Senator(s) representing your jurisdiction:

Name:		Senate District #:
NYS Senator Phil Boyle	(631) 665-2311	District No. 4
NYS Senator Michael Venditto	(516) 882-0630	District No. 8

2. Identify the name, telephone number, and District # of the State Representative(s) representing your jurisdiction:

Name:	Representative District #:
NYS Assemblymember Kimberly Jean-Pierre (631) 957-2087	District No. 11

3. Identify the U.S. Congressperson representing your jurisdiction and congressional district number.

Name:	Congressional District #:
U.S. Senator Charles E. Schumer	New York State
U.S. Senator Kirsten Gillibrand	New York State
U.S. Representative Peter King	District No. 2

4. Identify the members of your jurisdiction's governing authority.

Name:	Member District #:
Suffolk County Executive Steven Bellone	Suffolk County
Suffolk County Legislator Kevin J. McCaffrey	District No. 14
Town of Babylon Supervisor Rich Schaffer	Town of Babylon
Councilmember Antonio A. Martinez, Deputy Supervisor	Town of Babylon
Councilmember Thomas Donnelly	Town of Babylon
Councilmember Jacqueline A. Gordon	Town of Babylon
Councilmember Lindsay P. Henry	Town of Babylon
Village of Lindenhurst Mayor Michael A. Lavorata	Village of Lindenhurst
Village of Lindenhurst Trustee Maryann Weckerle	Village of Lindenhurst
Village of Lindenhurst Trustee Joan M. Masterson	Village of Lindenhurst
Village of Lindenhurst Trustee Darrel J. Kost	Village of Lindenhurst
Village of Lindenhurst Trustee Richard J. Renna	Village of Lindenhurst
Village of Lindenhurst Justice Hon. John Bopp	Village of Lindenhurst

5. Target Area Census Tract(s): 361031239001, 361031239002, 361031239003, 361031239004, 361031239005, 361031240011, 361031240012, 361031240013, 361031240021, 361031240022, 361031241011, 361031241012, 361031241013, 361031241021, 361031242001, 361031242002, 361031242003

6. Indicate by means of an “x” as to whether the proposed project will involve a community-wide benefit or a target area(s) and enter the zip code of the project. If a target area is involved, enter the name(s) and zip code of the target area(s).

_____ Community-wide (Zip Code: _____) X Target Area(s)

Name and Zip Code of Target Area: Lindenhurst, 11757

Name and Zip Code of Target Area: _____

Name and Zip Code of Target Area: _____

Community-wide projects should use the zip code of the location of city hall. Target-area projects should use the zip code of the target area where the majority of the construction funds will be spent (for each target area). If the target area(s) does not have a name, please provide a brief geographical description of the area such as “western portion of the city.”

7. Provide Lat/Long for the Project Location at or near the geographical center:
Latitude: 40.681796 Longitude: -73.367131 (Lindenhurst Village Hall, 430 S Wellwood Ave, Lindenhurst, NY 11757)
8. How many other projects funded with CDBG-DR funds relate to the project: None
9. Does the project relate to any other project GOSR should be aware? No
10. Does the project encompass multiple counties: _____ Yes X No
11. If the proposed project is a “covered project,” please provide a narrative describing the **“Resilience Performance Standards”** to be used in the design/implementation of the project below.

Not Applicable

12. If the proposed project is a “covered project,” please provide a narrative describing the **“Green Infrastructure Project Activities”** to be used in the design/implementation of the project below. For the purpose of completing this section, green infrastructure is defined as the integration of natural systems and processes, or engineered systems that mimic natural systems and processes, into investments in resilient infrastructure. “Green Infrastructure” takes advantage of the services and natural defenses provided by land and water systems such as wetlands, natural areas, vegetation, sand dunes, and forests, while contributing to the health and quality of life of those in recovering communities.

Not Applicable

13. If the proposed project is a “covered project,” please provide a narrative describing the **“Transparent and Inclusive Decision Processes”** undertaken in selection of the proposed project. Include accessible public hearings and other processes to advance the engagement of vulnerable populations.

Not Applicable

14. If the proposed project is a “covered project,” please provide a narrative describing the “**Long Term Efficacy and Fiscal Sustainability**” plans to monitor and evaluate efficacy and sustainability, including how it will reflect changing environmental conditions (such as sea level rise or development patterns) with risk management tools, and/or alternate funding sources, if necessary.

Not Applicable

15. If the proposed project is a “covered project,” please provide a narrative describing how the project will align with the commitment expressed in the President’s Climate Action Plan to “identify and evaluate additional approaches to improve our natural defenses against extreme weather, protect biodiversity, and conserve natural resources in the face of changing climate...”

Not Applicable

16. Has an amendment to the Action Plan to include this project been submitted to HUD?

___ Yes; X No;

17. What is the status of the amendment request? Provide a narrative describing the status of the amendment request. (Include date of submission, date of approval, any requests for additional information, and current status)

Not Applicable

18. Is this project receiving FEMA Public Assistance funding: ___ Yes X No

19. Is this project receiving FEMA Public Assistance 406 Hazard Mitigation Funds:

___ Yes X No

Please provide the FEMA Project Worksheet number(s) for this project application: _____

(The FEMA project work sheet number should include the FEMA disaster declaration number in the first four (4) digits and the project worksheet number in the last five (5) digits. A Hurricane Sandy related project with the project worksheet “567” would be entered as “4085-00567)

20. Is this project receiving FEMA Section 404 Hazard Mitigation funds:

___ Yes X No

21. Is this project receiving any Army Corps of Engineers funding:

___ Yes X No

If yes, please provide the type of funds applied for and application number: _____

22. Is this project receiving any Environmental Protection Agency funds:

___ Yes X No

If yes, please provide the type of funds applied for and application number: _____

23. Is this project receiving any Department of Energy funds:

___ Yes X No

If yes, please provide the type of funds applied for and application number: _____

24. Is this project receiving any Department of Transportation funds:

☐ Yes ☒ No

If yes, please provide the type of funds applied for and application number: _____

25. Is this project receiving any Department of the Interior fund:

☐ Yes ☒ No

If yes, please provide the type of funds applied for and application number: _____

BUDGET/COST SUMMARY FORM

PROJECT NAME: Village of Lindenhurst Drainage Improvements: Culvert and Leaching Structures

(A) Costs by Activity	(B) CDBG-DR	(C) Other	(D) Total	(E) Source
1. Acquisition of Real Property	\$0.00	\$0.00	\$0.00	
2. Public Facilities and Improvements	\$1,488,146.00	\$0.00	\$1,488,146.00	CDBG-DR
3. Rehabilitation Loans and Grants (Hook-ups)	\$0.00	\$0.00	\$0.00	
4. Clearance Activities	\$0.00	\$0.00	\$0.00	
5. Public Services	\$0.00	\$0.00	\$0.00	
6. Other (identify) - Planning	\$0.00	\$0.00	\$0.00	
7. Project Delivery Costs	\$93,816.00	\$0.00	\$93,816.00	CDBG-DR
8. Administration	\$0.00	\$0.00	\$0.00	
TOTAL	* \$1,581,962.00	\$0.00	* \$1,581,962.00	

Architectural/Engineering (A/E) costs must be included in one of the activity costs above.

HUD Matrix Code:

HUD Matrix Code: 03 – Street Improvements

HUD Matrix Code: 03I – Flood Drainage Improvements

**The cost estimate in this application is less than the cost estimate in the pre-application due to the removal of the Culvert and Leaching Structures as a separate CDBG-DR application.*

CDBG-DR PROGRAM TIME SCHEDULE APPLICANT NAME: Village of Lindenhurst Drainage Improvements: Culvert and Leaching Structures

MILESTONES	Q 1	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7	Q 8	Q 9	Q 10	Q 11	Q 12
	07/2017-09/2017	10/2017-12/2017	01/2018-03/2018	04/2018-06/2018	07/2018-09/2018	10/2018-12/2018	01/2019-03/2019	04/2019-06/2019	07/2019-09/2019	10/2019-12/2019	01/2020-03/2020	04/2020-06/2020
Public Facilities and Improvements:												
a. Environmental Review												
b. Engineering-Design												
c. Bidding/Award												
d. Construction												
e. Closeout												

Provide the following dates:

*Required

*ERR Complete Date: 09/30/18

Construction Start Date: 11/01/18

*Construction End Date: 11/01/19

Acquisition/Closing: N/A

Design Complete: 08/30/18

ACTIVITY BENEFICIARY FORM

☐ Community-Wide X Target Area
 ☐ Limited-Clientele
☐ Combined

Project:

Village of Lindenhurst Drainage Improvements:
Culvert and Leaching Structures

<i>List name of each activity excluding Admin & Acquisition:</i>	1) Public Facilities and Improvements		2)		3)	
	#	%	#	%	#	%
Persons (total):	22,645					
Total LMI Income:	7,035	31.07%				
Low Income:	3,425	15.12%				
Owner (for Rehab activity <u>only</u> , i.e. hookups):						
Renter (for Rehab activity <u>only</u> , i.e. hookups):						
Moderate Income:	3,610	15.94%				
Owner (for Rehab activity <u>only</u> , i.e. hookups):						
Renter (for Rehab activity <u>only</u> , i.e. hookups):						
Medium Income:	27.53%	27.53%				
Owner (for Rehab activity <u>only</u> , i.e. hookups):						
Renter (for Rehab activity <u>only</u> , i.e. hookups):						

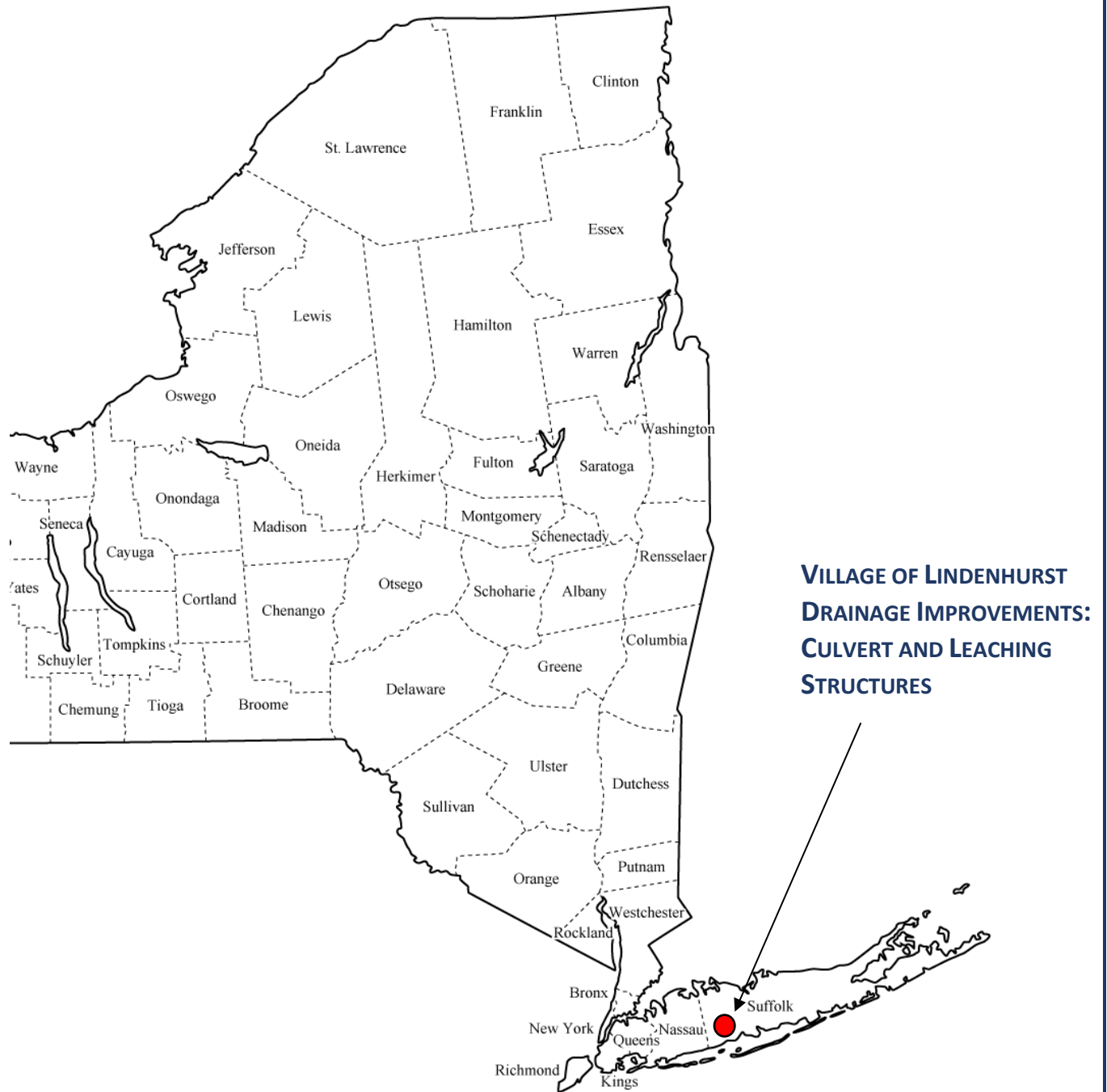
Race and Ethnicity	Percent (%)	Percent (%)	Percent (%)
White:	91.5%		
Black or African American:	1.7%		
American Indian or Alaskan Native:	0.1%		
Asian:	2.0%		
Native Hawaiian or Other Pacific Islander:	0.0%		
Other:	4.6%		
Hispanic or Latino	10.6%		

Data Sources:

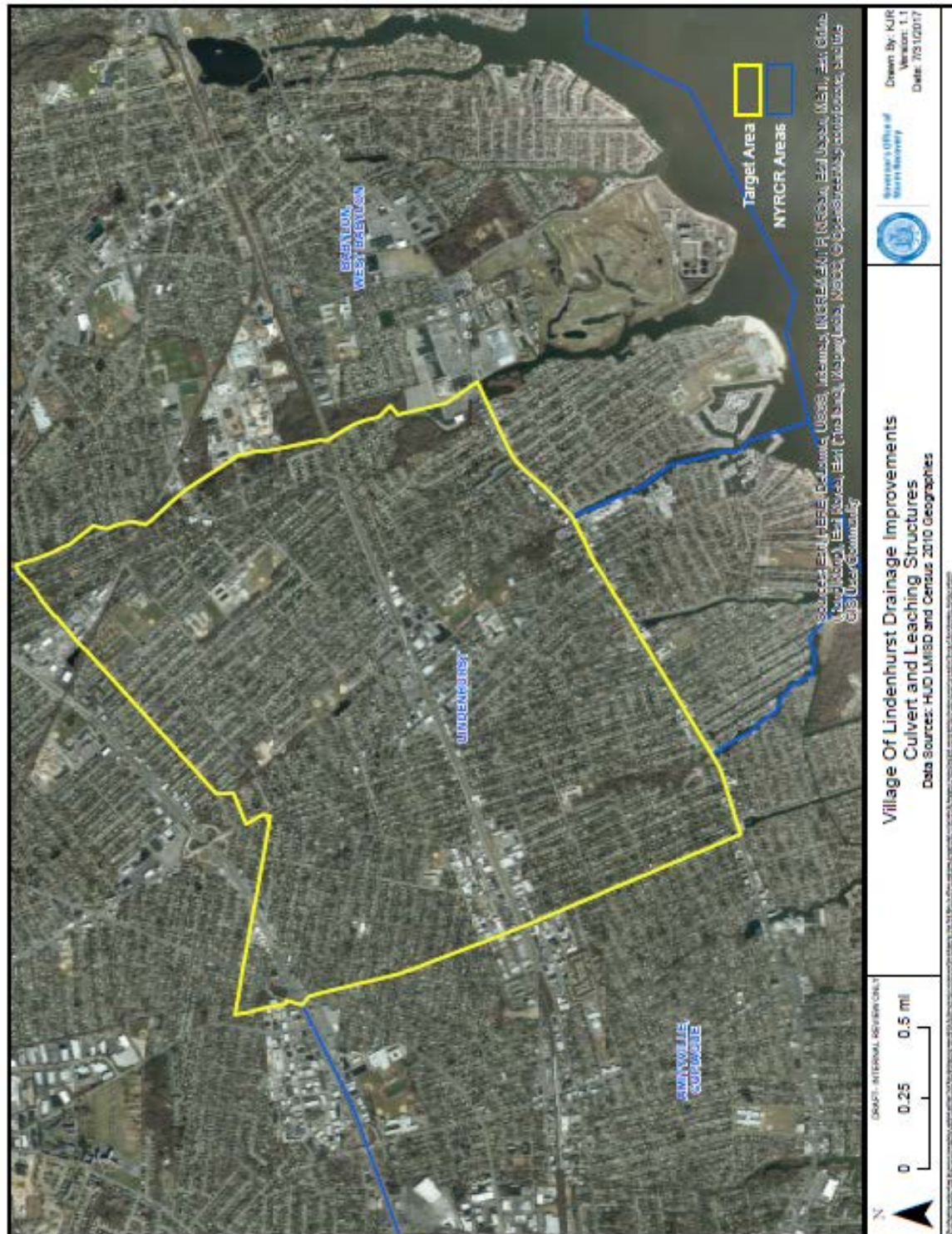
Low-and moderate-income persons for area benefit activities were determined using the 2006-2010 American Community Survey.

Percentages for race and ethnicity for area benefit activities were determined using the Census 2010 SF-1 100% data, Tables P3-Race and P4-Hispanic or Latino Origin.

Vicinity Map



Target Area Map¹



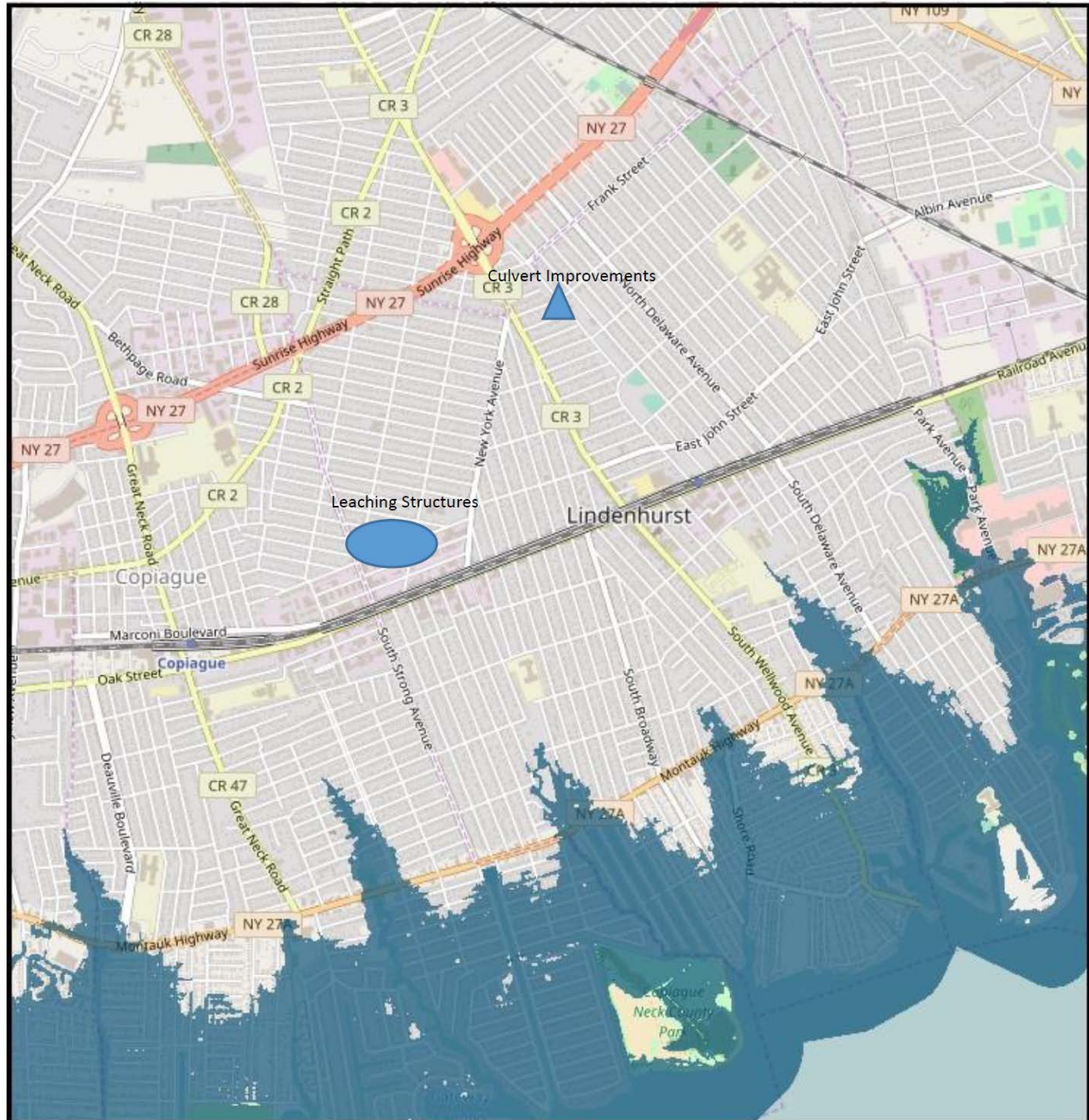
¹ Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, Getmapping, Aerogrid, IGN, IGP and the GIS User Community.

[illegible]

Template Revised on: 3/1/17

Project Site Map³

Superstorm Sandy Flood Inundation Map



³ Source: Map data © OpenStreetMap contributors, CC-BY-SA | FEMA MOTF, <https://www.arcgis.com/home/webmap/viewer.html?webmap=307dd522499d4a44a33d7296a5da5ea0>.

Project Description

For the Village of Lindenhurst Drainage Improvements Culvert and Leaching Structures project, the Village of Lindenhurst is requesting \$1,581,962.00 in CDBG-DR funds for engineering design and construction of improved and expanded infrastructure improvements to increase the capacity of the existing stormwater drainage system within the most vulnerable flooding areas north of Montauk Highway during moderate rainfall to extreme storm events.

This project will consist of the following improvements:

- Newark Street Culvert – Installation of a 4 ft. by 8 ft. box culvert to replace the existing two (2) 24-inch diameter pipes at the intersection of Newark Street and Heling Blvd. The roadway above the new structure will also need to be reconstructed and the streambed realigned. The existing pipes under Newark Street are under-sized. During moderate and extreme rainfall events, runoff builds up on the north side of Newark Street and overtops the roadway causing ponding and flooding on the roadway and adjacent properties. The culvert improvements will prevent roadway flooding and protect local infrastructure and property.
- Albany Avenue Leaching Structures – Installation of approximately thirty (30) standalone leaching structures to increase the capacity of the existing drainage system in the vicinity of Albany and Hoffman Avenues. Flooding occurs in this residential and commercial/industrial area due to a large tributary and the lack of drainage capacity and pipe size. This area is the lowest point of the contributing area, and thus subject to flooding during moderate and extreme rainfall events. The proposed leaching structures will capture stormwater before it reaches the low point, preventing roadway and surface flooding while storing run-off and allowing it to infiltrate during and following storm events. This green infrastructure intervention will capture the first flush of run-off during all storms, removing contaminants which would otherwise make their way to downstream surface water resources.

The above proposed drainage improvements were recommended in the final report prepared by Nelson & Pope Engineers for the Phase I Village of Lindenhurst Comprehensive Drainage Infrastructure Master Plan and Improvements project to help ensure that the Village is safer, stronger, and more resilient in the event of future disasters.

The Phase I Study, funded through the Governor's Office of Storm Recovery (GOSR) with the Town of Babylon as Subrecipient, was completed in October 2016. The engineers evaluated drainage infrastructure inadequacies and identified targeted drainage capacity and flood improvements that, when implemented, will significantly lessen the risk of flooding to residents and emergency first responders.

The comprehensive drainage study presented a list of potential improvements and flood protection measures, which included three broad categories of projects – Stormwater Drainage System Improvements, Creek Restoration, and Resiliency Improvements. Within these categories, projects were proposed to increase the capacity of stormwater conveyance systems, improve water quality, install green infrastructure, and reduce stormwater runoff.

The Village's existing drainage systems are comprised of both positive systems (catch basins and manholes connected with pipe that carries runoff off the roadway and discharges into streams, canals

or directly into the bay) and leaching systems (catch basins that allows for road runoff to percolate into the surrounding ground). The drainage systems date back to the 1950's and 1960's.⁴

The decision on which improvements to implement was based on the locations most in need of improvement, and which projects would improve resiliency for future storms, feasibility, and the availability of funding.

The Culvert and Leaching Field Improvements project will reduce flood risk to the residents and businesses in the Target Area (the Village north of Montauk Highway) as well as enhance emergency responders' mobility and strengthen the Community's ability to recover following a major storm. The improvements will also prevent flooding of Hoffman Avenue (County Road 12) – a commercial thoroughfare and evacuation route for Village residents, and reduce contaminant loads to downstream surface water bodies. The improvements will also reduce serious and immediate threats to the health and welfare of the Community posed by future extreme weather events.

Project Context:

This project is a separate project and does not rely on any other project that would trigger CDBG-DR requirements.

Beneficiaries/Public Benefit/Target Area:

The beneficiaries for this project include the residents of the Village of Lindenhurst living north of Montauk Highway. According to the 2006-2010 American Community Survey, the population of the Target Area is 22,645, 31.07% of whom qualify as low- and moderate-income individuals. As a result of this project, the residents living north of Montauk Hwy. will be more resilient to future storm events through an enhanced stormwater drainage system.

Benefits to the residents include:

Risk Reduction and Resiliency Benefits: This project will directly address flood risk for residents within the Village of Lindenhurst. During Superstorm Sandy, Hurricane Irene and other moderate and extreme stormwater events, the existing storm sewer system is overwhelmed, flooding streets and adjacent residences, businesses, and community facilities. Repair of the Culvert at Newark Street and installation of leaching structures in the Northwest section of the Village would generally reduce the vulnerability of residences, businesses and community facilities to flooding that occurs through the storm drainage system. This project would reduce recurring seasonal flooding, would enable the frequently flooded portions of the Village to recover more rapidly after a major weather event (i.e., nor'easters, severe summer storms), and reduce the risk of flooding of Hoffman Avenue (County Road 12), the Village's commercial thoroughfare and evacuation route.

Health and Social Benefits: Accessibility to the project site area during times of flooding would be improved along roadways including access by the fire department, police, emergency medical services and utility repair crews who have been previously hampered by flooding. As a result, the project would reduce the vulnerability of all residents of the Village who must travel through the center of the Village

⁴ "Comprehensive Drainage Infrastructure Master Plan for the Village of Lindenhurst", October 2016, Study Implementation, pages 2 and 3.

to evacuate during a severe weather event. The occurrence of standing water and the high-water level in catch basins would be reduced or ameliorated as well as potentially reducing mosquito breeding areas. The flooding created from the current situation creates unsanitary conditions for both the natural and built environment that would be improved with the repair of the culvert and installation of leaching structures. The project would improve the quality of life for property owners and their families by reducing the threat of flood impacts and increasing safety.

Economic Benefits: Design and construction of the improvements will add temporary jobs and retain protection maintenance jobs. Economic benefits will include improvements in local property values and may include reduced recovery and reconstruction costs following future flooding events.

Environmental Benefits: Enhancements and capacity improvements to the Village's stormwater drainage system would be critically important to the ecological health of the Great South Bay. Repairing and expanding the stormwater drainage system infiltration capacity and facilities could result in improved surface water quality. County-wide water quality concerns include non-point source pollution and stormwater runoff which have the potential to impact surface water bodies such as Strongs Creek and Great South Bay. This project would be consistent with the County's stormwater management practices as outlined in Managing Stormwater – Natural Vegetation and Green Methodologies.

Recovery Rationale:

This project addresses an unmet recovery need from the following declared disaster(s):

- Superstorm Sandy
- Hurricane Irene

The Village of Lindenhurst is seeking CDBG-DR funds to improve the community's natural and engineered stormwater management and flood control systems and mitigate flood risk for residents and businesses during major storms.

Much of the Village's storm drainage infrastructure, drainage structures, pipes, outfalls, located south of Montauk highway were damaged as a result of Superstorm Sandy, the most destructive storm to make landfall on Long Island in recent history. Flooding from the storm reached and surpassed the Federal Emergency Management Agency's (FEMA) 100-year flood zones on Long Island. The 10-foot storm surge was exceptional both because of the speed and motion of the storm as well as the storm's arrival at high tide. Large segments of land, residents' home and businesses were flooded and the Village of Lindenhurst faced severe problems with power outages, heavy debris, and difficult travel conditions due to damaged and flooded roads, infrastructure and compromised power lines.

The volume of water and debris associated with the storm overwhelmed and impacted the drainage systems to the point that numerous systems are no longer able to efficiently drain the roadways and adjacent properties during regular rainfall events or prevent the canals and bay from back flowing through the system. Catch basins were silted in and damaged; pipes fractured, causing water to undermine bulkheads instead of draining into outfalls. Significant areas south of Montauk highway experience localized flooding as a result of these inadequacies. Homes and vehicles suffered damage while access for residents, businesses, and emergency services was compromised. In some of these areas, tidal flooding impacts from Sandy were exacerbated by run-off from areas situated to the north, including the project area.

Only fourteen months prior to Superstorm Sandy, Hurricane Irene, a Category 1 hurricane, made landfall and caused significant damage within the Village of Lindenhurst. Heavy rainfall and an 8 ft. storm surge caused extensive flooding in the project area, as well as south of Merrick Road, which only lies 2 to 6 feet above sea level. Many local streets were impassable by car. High winds felled trees, compromised power lines and led to widespread power outages. The total cost for preparation, cleanup and damage repair in Suffolk County was approximately \$12 million.

The community's stormwater management and drainage system failed to function during and after the storms when on-street flooding in the areas of Albany Avenue and Newark Street limited mobility for residents, evacuees and emergency responders north of Montauk Highway.

The culvert at Newark Street is undersized and could not handle the overflow of the nearby tributaries. During Superstorm Sandy, the culvert walls were fractured, and the culvert itself was silted in, further blocking storm water flow in the overwhelmed drainage system. Stormwater overflowed and blocked traffic flow on Newark Street and flooded nearby residences.

The proposed location for the leaching structures (Albany Avenue) lies immediately north of County Road 12 (CR 12 Hoffman Ave) which is the Village's commercial district. A 300' stretch of Hoffman Avenue and surrounding businesses were flooded during Superstorm Sandy due to the large tributary and lack of drainage capacity in the area. CR 12 is recognized by Suffolk County Police, the local municipalities, and emergency responders/hospitals as the only east/west roadway that can be utilized between Lindenhurst and Babylon Village for evacuation and transport to and from emergency facilities such as Good Samaritan Hospital in West Islip.

With the help of CDBG-DR funding, the Village will be able to improve and expand its stormwater drainage systems to help the Community be better prepared and resilient in the event of another storm disaster.

This project is critical to the community's long-term recovery from Hurricane Irene and Superstorm Sandy. The project will directly improve community resiliency in future storm events by improving the Community's natural and engineered stormwater management and flood control systems and mitigating flood risk for residents and businesses during major storms. By completing this project, flood damage from future extreme weather events will be reduced or eliminated, protecting assets that have been restored, improved and/or rebuilt following Sandy. Roadways that are closed and/or impassable during such events may remain opened for evacuation and emergency vehicles. Duration of flooding events, when they occur, will be substantially reduced, and frequency and severity of such flooding will likewise be reduced.

Description of Construction Involved:

Construction will consist of a culvert improvement and expansion, and installation of leaching structures to improve the Village's drainage system capacity.

The level of any environmental review will be determined by the Governor's Office of Storm Recovery (GOSR), and the environmental review will be conducted and managed by GOSR, as NEPA/SEQRA Lead

PROJECT NAME: Village of Lindenhurst Drainage Improvements: Culvert and Leaching Structures

PROJECT DESCRIPTION: Page 5 of 6

Agency. Engineering plans and an environmental assessment will be submitted to regulatory agencies for review and permit approval in accordance with federal, state, and local regulations.

Responsibility for Operations and Maintenance:

The Village of Lindenhurst will be responsible for operation and maintenance of the improvements.

Description of Acquisition Involved:

Acquisition is not anticipated; however, the Village of Lindenhurst will comply with the Uniform Relocation and Assistance Act in acquiring property, temporary easements, or rights-of-way if required for construction purposes.

Mitigation Plan:

The implementation of these recommendations will reduce risk to residents and emergency responders by mitigating on-street and on-site flooding in these areas of the Village in the event of future extreme weather events. Improvements and upgrades undertaken during this project will be designed for resilience in the face of sea level rise, and increasing frequency and duration of extreme weather events.

CDBG-DR Eligibility:

The Disaster Relief Appropriations Act, 2013 (Pub. L. 113–2, approved January 29, 2013) (Appropriations Act) makes available \$16,000,000,000 in Community Development Block Grant (CDBG) funds for necessary expenses related to disaster relief, long-term recovery, restoration of infrastructure and housing, and economic revitalization in the most impacted and distressed areas resulting from a major disaster declared pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1974 (42 U.S.C. 5121 et seq.) (Stafford Act), due to Hurricane Sandy and other eligible events in calendar years 2011, 2012, and 2013.

The project is a CDBG-DR eligible activity pursuant to Section 105(a)(2), Public Facilities and Improvements, of the Housing and Community Development Act (HCDA) which includes, the acquisition, construction, reconstruction, or installation (including design features and improvements with respect to such construction, reconstruction, or installation that promote energy efficiency) of public works, facilities (except for buildings for the general conduct of government), and site or other improvements.

HUD Matrix Code: 03I – Flood Drainage Improvements

HUD Matrix Code 03K – Street Improvements

CDBG-DR National Objective:

The national objective for this project is *urgent need*.

Pursuant to 24 CFR 570.483(d), activities under this project are “designed to meet community needs having a particular urgency,” thus qualifying the project under the national objective of *urgent need*. As

PROJECT NAME: Village of Lindenhurst Drainage Improvements: Culvert and Leaching Structures

PROJECT DESCRIPTION: Page6 of 6

noted in the relevant HUD guidance, to comply with this national objective, an activity must be designed to alleviate existing conditions, which the local government certifies and the state determines:

- Pose a serious and immediate threat to the health or welfare of the community;
- Are of recent origin or recently became urgent;
- The community is unable to finance the activity on its own; and
- Other sources of funding are not available to carry out the activity.

Pursuant to FR-5696-N-01, HUD waived the certification requirements for this national objective for CDBG-DR funding. Instead, each grantee receiving an award under the Notice must document how all programs and/or activities funded under the *urgent need* national objective responds to a disaster-related impact. Grantees must reference in their action plan the type, scale, and location of the disaster-related impacts that each program and/or activity is addressing.”⁵

The *Village of Lindenhurst NY Rising Community Reconstruction Plan* (March 2014)⁶ demonstrates that the project/activity meets the CDBG-DR national objective of urgent need.

⁵ Federal Register, Vol. 78, No. 43 issued Tuesday, March 5, 2013.

⁶ This project is based on the following project profile from the Village of Lindenhurst NY Rising Community Reconstruction Plan (March 2014: Comprehensive Drainage Infrastructure Master Plan and Phase I Repairs; pp. 64-67; and Lindenhurst Village South Storm Water Drainage System Phase II Improvements; pp. 68-72.)
https://stormrecovery.ny.gov/sites/default/files/crp/community/documents/lindenhurst_nycrcr_plan.pdf.

ARCHITECT/ENGINEER'S COST ESTIMATE**Estimated Number of Parcels to be Acquired:** Not Applicable**Anticipated Approvals/Permits to be Acquired:** Not Applicable**PROJECT BUDGET**

Lindenhurst Drainage Improvements: Culvert and Leaching Structures Cost Estimate	
A/E Design Services	\$194,106.00
Construction	\$1,176,400.00
Contingency Costs	\$117,640.00
Project Budget	\$1,488,146.00
Project Delivery Costs	\$93,816.00
Total Project Budget	\$1,581,962.00

The cost estimate in this application is less than the cost estimate in the pre-application due to the removal of the Culvert and Leaching Structures as a separate CDBG-DR application.

Applicant/Recipient**Disclosure/Update Report**U.S. Department of Housing
and Urban Development

OMB Approval No. 2510-0011 (exp. 8/31/2009)

Instructions (See Public Reporting Statement and Privacy Act Statement and detailed instructions on page 2.)**Applicant/Recipient Information**Indicate whether this is an Initial Report ☒ or an Update Report ☐

1. Applicant/Recipient Name, Address, and Phone (include area code):

Mayor Michael A. Lavorata
Village of Lindenhurst
430 South Wellwood Avenue
Lindenhurst, NY 11757
Phone: (631) 957-75002. Social Security Number or
Employer ID Number:

11-2103230

3. HUD Program Name

Community Development Block Grant – Disaster Recovery Program

4. Amount of HUD Assistance
Requested/Received

\$1,581,962.00

5. State the name and location (street address, City and State) of the project or activity:

Village of Lindenhurst Drainage Improvements: Culvert and Leaching Structures, 6th Street, Lindenhurst, NY 11757

Part I Threshold Determinations

1. Are you applying for assistance for a specific project or activity?

These terms do not include formula grants, such as public housing operating subsidy or CDBG block grants. (For further information see 24 CFR Sec. 4.3).

☒ Yes ☐ No

2. Have you received or do you expect to receive assistance within the jurisdiction of the Department (HUD) , involving the project or activity in this application, in excess of \$200,000 during this fiscal year (Oct. 1 - Sep. 30)? For further information, see 24 CFR Sec. 4.9

☒ Yes ☐ NoIf you answered “No” to either question 1 or 2, **Stop!** You do not need to complete the remainder of this form.
However, you must sign the certification at the end of the report.**Part II Other Government Assistance Provided or Requested / Expected Sources and Use of Funds.**

Such assistance includes, but is not limited to, any grant, loan, subsidy, guarantee, insurance, payment, credit, or tax benefit.

Department/State/Local Agency Name and Address	Type of Assistance	Amount Requested/Provided	Expected Uses of the Funds

(Note: Use Additional pages if necessary.)

Part III Interested Parties. You must disclose:

- All developers, contractors, or consultants involved in the application for the assistance or in the planning, development, or implementation of the project or activity and
- Any other person who has a financial interest in the project or activity for which the assistance is sought that exceeds \$50,000 or 10 percent of the assistance (whichever is lower).

Alphabetical list of all persons with a reportable financial interest in the project or activity (For individuals, give the last name first)	Social Security No. or Employee ID No.	Type of Participation in Project/Activity	Financial Interest in Project/Activity (\$ and %)

(Note: Use Additional pages if necessary.)

Certification**Warning:** If you knowingly make a false statement on this form, you may be subject to civil or criminal penalties under Section 1001 of Title 18 of the United States Code. In addition, any person who knowingly and materially violates any required disclosures of information, including intentional non-disclosure, is subject to civil money penalty not to exceed \$10,000 for each violation. I certify that this information is true and complete.

Signature:

X

Date: (mm/dd/yyyy)

Michael A. Lavorata, Mayor, Village of Lindenhurst

Appendices

Appendix A

Duplication of Benefits Certification(s)



Governor's Office of Storm Recovery

ANDREW M. CUOMO
Governor

LISA BOVA-HIATT
Executive Director

NY Rising Community Reconstruction Program DUPLICATION OF BENEFITS QUESTIONNAIRE

Subrecipient: Village of Lindenhurst

Project Name: Village of Lindenhurst Drainage Improvements: Culvert and Leaching Structures

Federal regulations require a duplication of benefits (DOB) analysis for projects receiving U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant-Disaster Recovery (CDBG-DR) support to ensure that the Program Participant does not receive more funds for a project than are needed. The Program Participant must report all assistance they have received for a project from such sources as insurance, Small Business Administration (SBA), Federal Emergency Management Agency (FEMA), and other local, State, or Federal programs, and private or nonprofit charitable organizations. Any funds received from these sources for this project must be considered when the amount of the CDBG-DR grant is determined. While inclusion in a long-term capital plan does not constitute a DOB, if a project has been included in the Program Participant's annual budget, it may be considered a DOB. CDBG-DR is a funding source of last resort, and should funds become available for a project in the future such that some or all of the CDBG-DR funds budgeted for the project would constitute a duplication of benefits, those CDBG-DR funds will be disallowed or, if outlaid, must be returned to the Governor's Office of Storm Recovery (GOSR). Please consult with GOSR staff if you have any questions regarding whether a potential DOB exists. Please use the chart below to describe funds the Program Participant has received and/or committed for the project.

FUNDS RECEIVED OR BUDGETED FOR THE PROJECT

SOURCE OF FUNDS	Amount received for the project	Additional funds expected
FEMA		
Other Federal Agencies (Describe)		
State Agencies		
Budgeted Program Participant Funds (Annual Budget)		

SOURCE OF FUNDS	Amount received for the project	Additional funds expected
Private Insurance		
National Flood Insurance		
Nonprofit Organizations (Describe)		
Other Funds (Describe)		
TOTAL		

Documents Needed:

Along with this form, please provide documents that show the amounts received for the project from each source listed above. Note: All documents, including Program Participant budgets, must be retained and produced for review at the request of GOSR or HUD.

CERTIFICATION:

I certify that the information provided in this questionnaire is true and accurate to the best of my ability. I understand that if this information is not correct, it may affect the amount of any grant I may receive or may lead to the recapture of disbursed funds by GOSR and/or HUD.

Village of Lindenhurst
 Program Participant

 Signature of Authorized Certifying Official

Michael A. Lavorata, Mayor
 Printed Name of Authorized Certifying Official

 Date

WARNING: The information provided on this form is subject to verification by the State of New York and the Department of Housing and Urban Development (HUD) at any time. Title 18, Section 1001 of the U.S. Code states that knowingly and willingly making a false or fraudulent statement to a department of the United States Government can result in termination of assistance and civil and criminal penalties.

**Governor's Office of Storm Recovery
NY Rising Community Reconstruction Program
Duplication of Benefits**

Subrecipient: Village of Lindenhurst

Project Name: Village of Lindenhurst Drainage Improvements: Culvert and Leaching Structures

Calculation of CDBG-DR Award

1. Identify Subrecipient's total need prior to any assistance (e.g., reconstruction cost estimate)	\$1,581,962.00
2. Identify all potentially duplicative assistance: a. Insurance b. FEMA Public Assistance funds for Permanent Work c. Other _____	\$0.00
Subtotal	\$0.00
3. Deduct assistance determined to be duplicative	\$0.00
4. Maximum Eligible Award (Item 1 less Item 3)	\$1,581,962.00
5. Program Cap (if applicable)	N/A
6. CDBG-DR Award (lesser of Items 4 and 5)	\$1,581,962.00
Preparer's Signature:	Date:

Appendix B:

**Proof of Publication of Public Notice Requesting Public Comment on
Submission of Application for Funding**

Record of Public Comments

Public Notice

New York State CDBG-DR Application Available for Review

The Village of Lindenhurst announces that it intends to submit an application for New York State Community Development Block Grant-Disaster Recovery (CDBG-DR) Program funds on or about [REDACTED] for the following project:

Village of Lindenhurst Drainage Improvements: Culvert and Leaching Structures

Activity: The Village of Lindenhurst is requesting Community Development Block Grant – Disaster Recovery (CDBG-DR) funding to replace pipes with a culvert on Newark Street to permit the runoff to adequately pass under the roadway to alleviate flooding that impedes traffic flow and increases flood risk and to install approximately 30 leaching structures to increase the capacity of the existing drainage system in the vicinity of Albany Avenue, Lindenhurst, NY, 11757.

Objective: The project is intended to reduce the risk of flooding during future extreme tidal and extreme weather events.

Location: Village of Lindenhurst, Town of Babylon, Suffolk County, NY

Amount: \$1,581,962.00 for Design, Construction, and Project Delivery costs.

A copy of the application will be available for review at The Village of Lindenhurst, Village Hall, 430 South Wellwood Avenue, Lindenhurst, NY 11757 during normal business hours.

All citizens, particularly persons of low- and moderate-income and residents of blighted areas, as well as those affected by the project are encouraged to submit their comments, views and proposals by [REDACTED] *(this date must allow for a review period of a minimum of seven days prior to application submittal)* to the Town at the following address:

ATTN:
Michael A. Lavorata, Mayor
Village of Lindenhurst
430 South Wellwood Avenue
Lindenhurst, NY 11757

Additional information regarding the availability and use of CDBG-DR funds is available upon request.

**Proof of Publication of Public Notice Requesting Public Comment
on Submission of Application for Funding**

Record of Public Comments

The Application was advertised from XX/XX/2017 – YY/YY/2017 in the following publications:

- Publication 1
- Publication 2

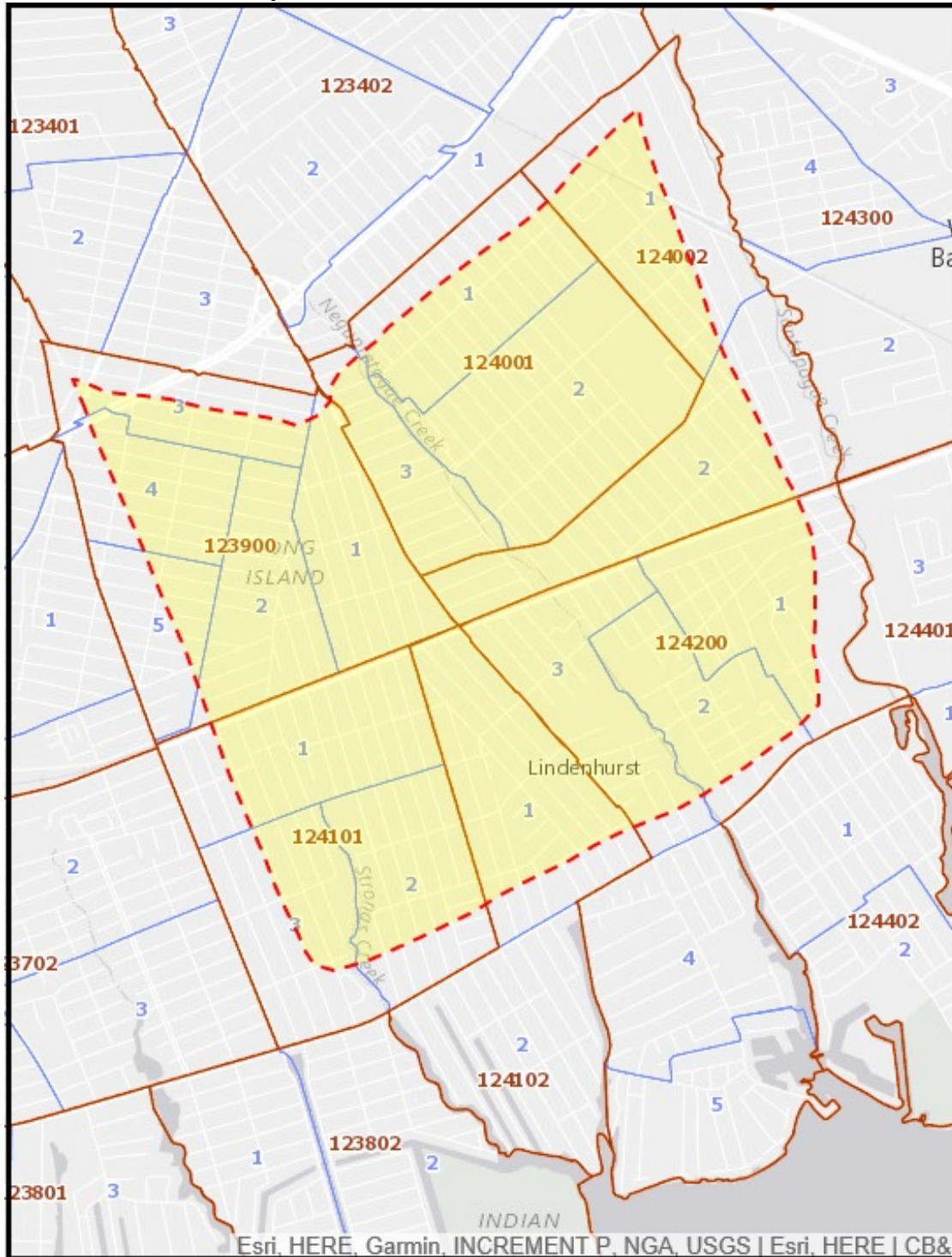
The following comments were received by the Village of Lindenhurst:

- 1) Comment
- 2) Comment
- 3) Comment
- 4) Comment

Appendix C:

Selected Block Groups and LMI Calculation to Support Activity Beneficiary Form

**Village of Lindenhurst Drainage Improvements:
Culvert and Leaching Structures
Selected Block Groups**



Data Sources: Low-and moderate-income persons for area benefit activities were determined using the 2006-2010 American Community Survey.

**Village of Lindenhurst Drainage Improvements:
Culvert and Leaching Structures
LMI Calculation**

Lindenhurst Drainage Improvements: Culvert and Leaching Structions LMI Calculation								
COUNTY NAME	GEOID	TRACT	BLKGRP	LOWMOD UNIV	LMI	MOD	LOW	MEDIUM
Suffolk County	361031239001	123900	1	1,310	525	175	350	275
Suffolk County	361031239002	123900	2	665	205	85	120	345
Suffolk County	361031239003	123900	3	1,330	295	110	185	460
Suffolk County	361031239004	123900	4	900	325	200	125	225
Suffolk County	361031239005	123900	5	710	155	50	105	75
Suffolk County	361031240011	124001	1	2,005	745	235	510	330
Suffolk County	361031240012	124001	2	1,875	485	140	345	405
Suffolk County	361031240013	124001	3	475	125	60	65	55
Suffolk County	361031240021	124002	1	1,755	455	285	170	330
Suffolk County	361031240022	124002	2	2,055	530	385	145	710
Suffolk County	361031241011	124101	1	1,400	420	245	175	415
Suffolk County	361031241012	124101	2	1,620	465	330	135	750
Suffolk County	361031241013	124101	3	1,760	545	415	130	575
Suffolk County	361031241021	124102	1	1,725	710	270	440	245
Suffolk County	361031242001	124200	1	1,340	305	190	115	500
Suffolk County	361031242002	124200	2	970	470	395	75	250
Suffolk County	361031242003	124200	3	750	275	40	235	290
Total Population: 22645				22,645	7,035	3,610	3,425	6,235
Total LMI: 7035								
Total Percentage: 31.1%								
					31.07%	15.94%	15.12%	27.53%
					LMI	MOD	LOW	MEDIUM
White: 91.5% Black or African American: 1.7% American Indian or Alaskan Native: 0.1% Asian: 2.0% Native Hawaiian or Pacific Islander: 0.0% Other: 4.6% Hispanic or Latino: 10.6%								

Data Sources:

Low-and moderate-income persons for area benefit activities were determined using the 2006-2010 American Community Survey.

Percentages for race and ethnicity for area benefit activities were determined using the Census 2010 SF-1 100% data, Tables P3-Race and P4-Hispanic or Latino Origin.