

2016 PUBLIC IMPROVEMENT AND PUBLIC FACILITIES APPLICATION

SOMERSET COUNTY COMMUNITY DEVELOPMENT OFFICE 2016 CDBG PUBLIC IMPROVEMENTS AND FACILITIES APPLICATION COVER PAGE

Organization Name & Address	Project Title	Project Category
Borough of North Plainfield 263 Somerset Street North Plainfield, NJ 07060	West End Avenue Sanitary Sewer Rehabilitation	Public Improvement Public Facilities
Contact Person Name & Title	Contact Address (if different from above)	Contact Phone, Fax and E-mail
Mr. David E. Hollod, P.E.	N/A	T: (908) 769-2902 F: (908) 769-2901 Email: dhollod@npmail.org
Consolidated Plan Need Addressed	Consolidated Plan Priority (circle or boldface one below)	Project Type (circle or boldface one below)
<u>Public Facilities & Improvements</u> Sewer Improvements	Low Medium High	Limited Clientele Categorically Eligible Low/Mod Income Area (LMA)
Municipal Sponsor	Project Ranking	HUD Matrix Code (to be completed by CD Staff)
Borough of North Plainfield	This project ranks priority <u>1</u> of <u>1</u> submitted applications.	

PROJECT FUNDING REQUEST

CDBG Funds Requested (Maximum of \$100,000)	\$ 100,000
Total of other funding sources	\$ 126,000
Total Project Cost	\$ 226,000
CDBG Funds Awarded (to be completed by CD Staff)	\$

I. GENERAL PROJECT INFORMATION

A. Please provide a detailed description of this project, including the scope of the work to be done, steps taken to date, and why the project is necessary.

Community Development Funds are being sought by the Borough of North Plainfield for the rehabilitation of approximately 740 linear feet of an existing deteriorated 24-inch diameter cast iron pipe, the construction of a new sanitary sewer manhole, and rehabilitation of an existing manhole.

The project area is within Census Tract 518, Group 2 and the existing sewer to be rehabilitated is located between along West End Avenue between Rockview Avenue and Greenbrook Road. This existing sewer conveys flow for approximately 6,500 residents, 36 public properties, 104 commercial properties, and one industrial property. Of these properties served by the existing sewer to be rehabilitated, it is estimated that approximately 4,600 residents are within Low/Mod Service Areas (LMAs). Upon completion of the proposed sewer rehabilitation, the capacity of the pipeline will be restored, maintenance of the pipeline will be reduced, and the sewer will be more accessible for future maintenance. These improvements will therefore mitigate the potential for gravity sanitary sewer pipe failures and sanitary sewer surcharges.

B. Is this a **new** or **continuing** project? (circle one)

C. Provide the following identifying information for the project. Census information can be found at www.factfinder.census.gov.

1. Street Address: West End Ave, between Rockview Ave and Greenbrook Rd
2. Municipality: Borough of North Plainfield Tax Map Block: N/A Lot: N/A
3. Owner of Record: Borough of North Plainfield
4. Census Tract(s) and Block Group(s): Census Tract 518, Group 2 (for LMA projects only)

D. Has this property or project type (i.e. sewers, sidewalks) been previously assisted with CDBG funds? Yes No (Circle one)

If yes, provide the history of awards covering the past five years (PY 2011 – PY 2015).

<u>Project Year</u>	<u>Grant Amount</u>	<u>Project Name</u>
2010/2011	\$122,911	Geraud Avenue Sewer Replacement
2012	\$100,000	Northwood Apartments Sanitary Sewer Replacement
2013	\$100,000	Grove Street Sanitary Sewer Replacement
2014	\$100,000	Cypress Gardens Sanitary Sewer Trenchless Rehabilitation
2015	\$100,000	Dahlia Terrace Sanitary Sewer Replacement

E. Has this property ever been assisted with HOME Funds? Yes No (Circle one)

If yes, provide grant year, amount, and use of funds (i.e. acquisition, rehabilitation).

<u>Grant Year</u>	<u>Grant Amount</u>	<u>Use of Funds</u>
N/A		

II. PERFORMANCE MEASUREMENT

A. Provide the specific outputs or units of accomplishment that will be realized by this project. This may include such outputs as number of doors/windows replaced, linear feet of sewer pipe installed, or square feet of floor tile replaced.

Trenchless rehabilitation of seven hundred forty (740) linear feet of existing twenty four (24) inch diameter sanitary sewer gravity pipeline, installation of one (1) new sanitary sewer manhole, and internal rehabilitation of one (1) existing sanitary sewer manhole.

B. Quantify the number of persons that will be assisted by this project. Of the persons assisted, enter the number that:

Now have new access to this facility/improvement 0

Now have improved access to this facility/infrastructure 0

Now are served by this facility/infrastructure that is no longer substandard ±6,500*

*Although the proposed work is located within Census Tract Block 518, Group 2, the sewer service area for the gravity pipeline that is to be rehabilitated also spans portions of Census Tract Block 518, Group 3; Block 517, Groups 1, 2, & 3; and Block 520.01, Groups 1, 2, & 3. As noted in the section on General Project Information, it is estimated that 4,600 residents of the 6,500 residents in this service area reside within an LMA.

III. PROJECT IMPLEMENTATION SCHEDULE AND BUDGET

A. Please indicate the estimated timeline for the project using the following chart. Dates must be no earlier than September 2016 and project must be completed by February 28, 2018. If an activity isn't applicable to this project, please enter N/A.

<u>ACTIVITY</u>	<u>COMPLETION DATE (Month & Year)</u>
Advertise for A/E Firm	September 2016
Receive A/E Proposals	September 2016
Award A/E Contract	October 2016
Solicit Construction Bids	January 2017
Receive Construction Bids	February 2017
Award Construction Contract	March 2017
Pre-Construction Meeting	April 2017
Commence Construction	May 2017
Complete Construction	July 2017

B. Please enter the project's budget detail, showing use of CDBG funds and other funds, and total project cost.

Budget Categories	Total Program Operating Budget	CDBG Funds	Other Funds	Source of Other Funds
A. A/E Design Fees	\$15,000	\$10,000	\$5,000	Borough Funds
B. Project Construction Cost	\$180,000	\$80,000	\$100,000	Borough Funds
C. A/E Supervision Costs	\$19,000	\$10,000	\$9,000	Borough Funds
D. Other (please specify) Bid Advertisement and Award	\$2,000	-	\$2,000	Borough Funds
E. Other (please specify) N/A	-	-	-	-
F. Contingency	\$10,000	-	\$10,000	Borough Funds
G.TOTAL	\$226,000	\$100,000	\$126,000	Borough Funds

C. Identify all other funding that has been or is being pursued for this project and discuss the outcome or status of the applications: **N/A**

<u>Source</u>	<u>Fund Amount</u>	<u>Status</u>	<u>Purpose of Funds</u>

IV. ENVIRONMENTAL & OTHER FACTORS

A. Complete the following chart as it relates to this specific project. Public Improvement projects do not need to complete questions 1–3.

	<u>Yes</u>	<u>No</u>
1. Disturb <u>any</u> previously undisturbed land?		X
2. Involve/Impact a structure or streetscape that is in a historic district?		X
3. Be located in or near a 100 year floodplain? Please indicate Flood Insurance Rate Map (FIRM) Panel Number for this project: <u>34035C0177E</u>	X	
4. Be located within 100 feet of any wetlands? Please indicate New Jersey Wetlands Inventory (NJWI) location for this project: <u>Plainfield</u>	X	
5. Are there any impediments to prompt implementation of this project, including requirements for State permits or special local action?		X

B. Explain/elaborate all "Yes" answers in the previous chart, including the current status of any pending or previous environmental reviews. State "N/A" if all answers were no.

3. **A portion of the proposed work is located within Flood Hazard Area Zones AE and X. The proposed work shall be constructed in accordance with applicable regulations.**
4. **The proposed sewer rehabilitation and manhole construction will be located adjacent to deciduous wooded wetlands along the Stony Brook as identified within the NJ GeoWeb database. These wetlands shall not be disturbed by the proposed construction, and work within the wetlands transition areas shall be limited to non-regulated activities pursuant to N.J.A.C. 7:7A-2.6(b)1.i.(9).**

C. Will this project require any local building permits? Yes No (Circle one)
If yes, please list what permits will be required.

V. PROJECT MANAGEMENT

A. Who is the designated Project Manager that will manage the day to day activities of this proposed project?

**Angelo Bufaino, P.E.
Vice President
Hatch Mott MacDonald**

B. Is the Project Manager a regular employee of your organization or a consultant?

The project manager is a consultant.

C. Briefly describe the qualifications of your Project Manager as they relate to the scope of this particular project.

Mr. Bufaino currently acts as a wastewater consultant to the Borough of North Plainfield and has successfully completed several sanitary sewer related projects in the past for the Borough of North Plainfield. Mr. Bufaino is experienced in the design, permitting, and construction of sanitary sewer system improvements projects of this nature.

D. What percentage of the Project Manager's time will be dedicated to the day to day management of this project?

5%

E. Who does your Project Manager report to and will this change during the course of the project?

Mr. Bufaino will report to David Hollod, P.E., Business Administrator for the Borough of North Plainfield. This is not anticipated to change during the course of the project.

VI. REDUCED FUNDING REQUEST & IMPACT

A. Summarize the basic phases or components of the proposed project and provide the estimated cost for each:

<u>Phase/Component</u>	<u>Project Cost</u>
Field Survey	\$ 1,200
Completion of Design and Construction Documents	\$ 13,800
Bid Advertisement and Award	\$ 2,000
Construction	\$ 180,000
Construction Inspection Services	\$ 19,000
Contingency	\$ 10,000

B. What is the minimum funding required to begin or continue the project?

\$80,000

C. What phases or components would such minimum funding be used for, or what level of performance could be achieved with the minimum funding?

Minimum funding would be used for engineering services and construction. Due to the nature of the work, the work cannot be significantly reduced in scope. Should the minimum funding be received, then the remaining cost would be funded through Borough finances.

VII. CERTIFIED COST ESTIMATE

A Cost Estimate from an independent professional credentialed to propose, evaluate and estimate the specific work must be submitted as part of the application. The firm preparing the Cost Estimate **will not be eligible to bid** on the proposed work if the project receives CDBG funding. The Cost Estimate should assume that the full requested amount of CDBG funds will be received and should specify how the CDBG funds will be used for each component of the project. Please explain any unusual cost factors. Mark as Attachment A.

VIII. PROJECT MAP

Attach an 8.5" by 11" sized project location map. The map should indicate specific property address or, if a Public Improvement, a delineated service area. Mark the map **Attachment B** and insert it after Certified Cost Estimate (Attachment A). If the proposal seeks to qualify as an LMA, the map must demonstrate that the proposed project is located in an eligible area.

IX. PROJECTED BENEFIT BY MUNICIPALITY

Please indicate the percentage of persons or households projected to benefit from the project by municipality

MUNICIPALITY	PERCENT	MUNICIPALITY	PERCENT
Bedminster Township		Montgomery Township	
Bernards Township		North Plainfield Borough	100%
Bernardsville Borough		Peapack and Gladstone	
Bound Brook Borough		Raritan Borough	
Branchburg Township		Rocky Hill Borough	
Bridgewater Township		Somerville Borough	
Far Hills Borough		South Bound Brook Borough	
Franklin Township		Warren Township	
Green Brook Township		Watchung Borough	
Hillsborough Township		Out of County	
Manville Borough		Project/Program Total:	100%
Millstone Borough			

2016 COMMUNITY DEVELOPMENT BLOCK GRANT CERTIFICATION PAGE

APPLICANT NAME: *Borough of North Plainfield*

PROJECT NAME: *West End Avenue Sanitary Sewer Rehabilitation*

APPLICANT MUST COMPLETE

A. Applicant Certification:

I certify that all information provided in this application is correct to the best of my knowledge.

Signature of Preparer/Contact Person

David E. Hollod, P.E.

Typed/Printed Name

B. Funding Certification:

I acknowledge that receipt of any Subgrant recommended by the Community Development Committee is subject to approval by the Board of Chosen Freeholders and the release of funds by the US Department of Housing & Urban Development, and that release of payments will be subject to documenting compliance with all requirements listed in the Subgrant Agreement to be executed with Somerset County.

I further acknowledge that the Community Development Program **will not** be responsible for any project costs incurred prior to the full execution of a Subgrant Agreement, unless specifically noted in Attachment A of the executed Subgrant Agreement.

I further acknowledge that the Community Development Program must approve any purchases or the award of any contracts to be funded in full or in part with Community Development Subgrant funds; and

I agree that implementation of any project funded in full or in part with Community Development Subgrant funds **will not proceed** without full execution of a Subgrant Agreement with the County, unless specific approval is received from the Community Development Office.

Signature of Chief Executive Officer

Typed/Printed Name



PROJECT TITLE/LOCATION West End Avenue Sanitary Sewer Rehabilitation - Borough of North Plainfield
 PROJECT MANAGER Angelo Bufaino, P.E. CLIENT Borough of North Plainfield
 PREPARED BY Bryan Oakes Jr. CHECKED BY Kyle A. Smith, P.E.
 DATE OF ESTIMATE February 18, 2016

ATTACHMENT A
2016 COMMUNITY DEVELOPMENT BLOCK GRANT CONSTRUCTION COST ESTIMATE

ITEM	DESCRIPTION	Quantity		Total Cost	
		Amount	Unit	Unit Price \$	Total Cost \$
1	FOR MOBILIZATION OF EQUIPMENT, MATERIALS AND LABOR	1	L.S.	\$ 10,000.00	\$ 10,000.00
2	FOR INTERNAL CCTV VIDEO INSPECTION OF 24-INCH DIAMETER SANITARY SEWERS	740	L.F.	\$ 2.00	\$ 1,480.00
3	FOR HEAVY CLEANING OF 24-INCH DIAMETER CAST IRON SANITARY SEWERS (WITH APPROVED METHOD)	740	L.F.	\$ 8.00	\$ 5,920.00
4	FOR CURED-IN-PLACE PIPE (CIPP) LINING OF 24-INCH DIAMETER CAST IRON PIPE (CIP) SANITARY SEWERS	740	L.F.	\$ 100.00	\$ 74,000.00
5	FOR BYPASS PUMPING	5	Days	\$ 1,300.00	\$ 6,500.00
6	FOR TRAFFIC CONTROL				
6a	For Implementation of Traffic Control Measures Associated with Rehabilitation Efforts	7	Days	\$ 1,500.00	\$ 10,500.00
6b	Allowance for Traffic Control Provided by Borough of North Plainfield Police Department	1	LS	\$ 6,000.00	\$ 6,000.00
7	FOR REINSTATEMENT OF LATERALS	1	Ea.	\$ 1,000.00	\$ 1,000.00
8	FOR CONSTRUCTING PRECAST CONCRETE MANHOLE	1	Ea.	\$ 15,000.00	\$ 15,000.00
9	FOR TEST PIT FOR NEW MANHOLE LOCATION	3.0	C.Y.	\$ 2,000.00	\$ 6,000.00
10	FOR MODIFICATION OF EXISTING MANHOLE INTERIOR	1	L.S.	\$ 3,500.00	\$ 3,500.00
AL1	ALLOWANCE FOR NJAW PERMIT AND WATER USAGE FEES	1	L.S.	\$ 2,000.00	\$ 2,000.00
AL2	ALLOWANCE FOR UNFORESEEN CONDITIONS	1	L.S.	\$ 10,000.00	\$ 10,000.00
Base Estimated Total Construction Cost :				\$	151,900.00
Construction Cost Contingency (20%, Excludes Allowances) :				\$	27,980.00
Total Estimated Project Construction Cost (Includes Contingency, Rounded Up to Nearest Thousand) :				\$	180,000.00

TOTAL BUDGET SUMMARY

Budget Category	Total Program Operating Budget	CDBG Funds	Borough Funds
A/E Design Fees	\$ 15,000.00	\$ 10,000.00	\$ 5,000.00
Project Construction Cost	\$ 180,000.00	\$ 80,000.00	\$ 100,000.00
A/E Supervision Costs	\$ 19,000.00	\$ 10,000.00	\$ 9,000.00
Bid Advertisement and Award	\$ 2,000.00	\$ -	\$ 2,000.00
Project Contingency	\$ 10,000.00	\$ -	\$ 10,000.00
Total Budget	\$ 226,000.00	\$ 100,000.00	\$ 126,000.00

GREENBROOK ROAD

WEST END AVE

EXISTING 24" CAST IRON PIPE SANITARY SEWER TO BE REHABILITATED


NEW MANHOLE TO BE INSTALLED

PROJECT LOCATION

EXISTING MANHOLE TO BE REHABILITATED

ROCKVIEW AVE

P:\NORTH PLAINFIELD BOROUGH\CDBG\12--WEST END AVENUE\WEST END AVE.DWG 02/18/2016

 Hatch Mott MacDonald Certificate No. 24GA28075000	BOROUGH OF NORTH PLAINFIELD SOMERSET COUNTY, NEW JERSEY PROJECT LOCATION MAP WEST END AVENUE SANITARY SEWER REHABILITATION ATTACHMENT B				
	3 Paragon Way Freehold, New Jersey 07728	Designed B.O.	Drawn N.A.	Checked K.A.S.	Approved