

## Subgrant Project Application

**Application Title:** Mill Creek Elevation Project

**Subgrant Applicant:** Anytown

**Application Number:** Assigned by eGrants

**Application Year:** Assigned by eGrants

**Grant Type:** Assigned by eGrants

**Address:** 10 Union Street, Anytown, OH 44444-4444

10 Union Street, Anytown, OH 44444-4444

Contact Information	
Point of Contact Information	
Title	Mr.
First Name	John
Middle Initial	E
Last Name	Smith
Title	Village Engineer
Agency/Organization	Anytown
Address 1	10 Union Street
Address 2	
City	Anytown
State	OH
ZIP	44444-4444
Phone	321-654-9870 Ext. 104
Fax	321-654-9871
Email	jsmith@anytown.gov
Alternate Point of Contact Information	
Title	Mrs.
First Name	Jane
Middle Initial	M
Last Name	Doe
Title	Village Administrator
Agency/Organization	Anytown
Address 1	10 Union Street
Address 2	
City	Anytown
State	OH
ZIP	44444-4444
Phone	321-654-9870 Ext. 123
Fax	321-654-9871
Email	jdoe@anytown.gov

Community Information							
Please provide the name of each community that will benefit from this mitigation activity.							
State	County Code	Community Name	CID Number	CRS Community	CRS Rating	State Legislative District	US Congressional District
OH	390134_QBM0Z0BBQ	Anytown	390134	N		390134	10
Enter Community Profile information below. <a href="#">Help</a>							
<p>The Village of Anytown is municipal corporation located in the southeast portion of Cuyahoga County, approximately nine miles from downtown Cleveland, Ohio. The community was named for its location next to the Cuyahoga River valley. The latitude of Valley View is 41.387N. The longitude is -81.604W. The western corporation line of the Village of Valley View is the Cuyahoga River and the Cuyahoga River flows from south to north along the western border of the Village of Valley View. The Cuyahoga River has a drainage area of 707 square miles upstream of the gaging station at Old Rockside Road, that is on the west side of the Cuyahoga River, in Independence, Ohio. Tinkers Creek flows from east to west through the Village of Valley View to join the Cuyahoga River. Tinkers Creek has a total drainage area of 96 square miles. A portion of the Ohio Canal and approximately 600 acres of the Cuyahoga Valley National Park are within boundaries of the Village of Valley View. The Village of Valley View is home to approximately 2,179 persons. Median household income;Local -\$64,063; National-\$41,994. There are approximately 700 homes within the Village of Valley View comprised almost entirely of single-family homes. Approximately 5.62 square miles (3598 acres) lie within the corporation limits of the Village of Valley View. The floodplains of the Cuyahoga River and Tinkers Creek comprise approximately 1000 acres, approximately 400 acres of the flood plain lie within the boundaries of the Cuyahoga Valley National Park. The floodplains of the Cuyahoga River have moderately well drained alluvial soils. Approximately 510 acres (14 percent) of the Village of Valley View has been developed as light manufacturing, office buildings, and light industrial.</p>							
Comments							
Attachments							

State	OH
Community Name	VALLEY VIEW, VILLAGE OF
County Name	OHIO
County Code	CUYAHOGA COUNTY
City Code	390134
<a href="#">FIPS Code</a>	035 <a href="#">Help</a>
<a href="#">CID Number</a>	390134 <a href="#">Help</a>
<a href="#">CRS Community</a>	N
<a href="#">CRS Rating</a>	
State Legislative District	390134
US Congressional District	10
<a href="#">FIRM</a> or <a href="#">FHBM</a> available?	Yes
<a href="#">Community Status</a>	PARTICIPATING <a href="#">Help</a>
Community participates in <a href="#">NFIP</a> ?	Yes
Date entered in NFIP	09-26-1975
Date of most recent <a href="#">Community Assistance Visit (CAV)</a> ?	06-08-2006 <a href="#">Help</a>

Mitigation Plan Information			
Is the entity that will benefit from the proposed activity covered by a current FEMA-approved multi-hazard mitigation plan in compliance with 44 CFR Part 201?			Yes
If Yes, please answer the following:			
What is the name of the plan?	Cuyahoga County Hazard Mitigation Plan		
What is the type of plan?	Local MultiJurisdictional Multihazard Mitigation Plan		
When was the current multihazard mitigation plan approved by FEMA?	03-01-2007		
Describe how the proposed activity relates to or is consistent with the FEMA-approved mitigation plan.	The plan addresses flooding of structures in the Village of Valley View. The proposed activity of elevation is consistent with the Action Alternatives to flooding as listed in the mitigation plan to reduce and eliminate the structures subject to flooding within the Village of Valley View.		
If No or Not Known, please answer the following:			
Does the entity have any other mitigation plans adopted?			Not Known
If Yes, please provide the following information.			
Plan Name	Plan Type	Date Adopted	Attachment
Does the State/Tribe in which the entity is located have a current FEMA-approved mitigation plan in compliance with 44 CFR Part 201?			
			Yes
If Yes, please answer the following:			
What is the name of the plan?	State Hazard Mitigation Plan		
What is the type of plan?	Standard State Multi-hazard Mitigation Plan		
When was the current multihazard mitigation plan approved by FEMA?	05-16-2008		
Describe how the proposed activity relates to or is consistent with the State/Tribe's FEMA-approved mitigation plan.	The State Plan identifies flooding as the number one hazard posing the most risk to Ohioians. This project is consistent with that priority since it is an elevation and/or acquisition/demolition project.		
If you would like to make any comments, please enter them below.			
To attach documents, click the <i>Attachments</i> button below.			

Mitigation Activity Information	
What type of activity are you proposing?	<a href="#">Help</a>
202.1 - Elevation of Private Structures - Riverine	
If you selected Other or Miscellaneous, above, please specify:	
Title of your proposed activity:	
Village of Valley View Pre-Disaster Mitigation Project	
Are you doing construction in this project?	
Yes	
If you would like to make any comments, please enter them below.	
The Village of Valley View has experience with mitigation projects. The Village of Valley View received a Hazard Mitigation Grant after the flood in 2006. The Hazard Mitigation Grant approval included the elevation of 22 homes and the acquisition/demolition of 2 homes.	
Attachments:	

Problem Description	
Please describe the problem to be mitigated. Include the geographic area in your description.	
<p>The Village of Valley View lies within the floodplain of the Cuyahoga River. The river extends upstream approximately 75 miles from the Village of Valley View and the upstream area totals approximately 707 square miles. During and after storm rainfall events, waters from the Cuyahoga River frequently inundate portions of the flood hazard areas in Valley View. These flood hazard areas include a few residential neighborhoods within the floodplain where homes are consequently flooded by the high waters of the Cuyahoga River. Most of the time it is not the local rainfall which floods the homes, but the high waters of the Cuyahoga River that flood the homes eight hours after the rainfall has peaked upstream of the Village of Valley View. The Village of Valley View has approximately 129 residential at-risk structures with a potential loss of \$24,510,000.00. The Cuyahoga River has a gaging station at Old Rockside Road in Independence, Ohio. The flood stage on the gage is 16.0 feet when floodwaters begin encroaching on Canal Road. When the floodwaters reach 17.0 feet on the gage, floodwaters reach Murray Road and Fosdick Road. When the floodwaters reach 18.5 feet on the gage, flooding occurs along Gleeson Drive, Charles Drive, Frances Drive, Stone Road, Canal Road, Murray Road, and Fosdick Road. Canal Road and many roads become impassable. At 22.0 feet on the gage, record flooding will occur along the Cuyahoga River. Note the following record of historical Cuyahoga River crests at the Independence Gage and dates: 23.33 feet - June 23, 2006; 22.41 feet - January 22, 1959; 22.06 feet - September 15, 1979; 21.77 feet - December 30, 1990; 21.66 feet - May 22, 2004; 21.12 feet - July 22, 2003; 20.70 feet - February 17, 1976; 20.64 feet - January 6, 2007; 20.64 feet - August 13, 1994; 20.55 feet - February 6, 2008; 20.16 feet - September 7, 1990; 20.02 feet - December 14, 1978; 19.58 feet - January 12, 2005; 19.27 feet - March 9, 2009; 18.76 feet - July 20, 1969; 18.47 feet - March 5, 1964; 18.30 feet - December 1, 2006; 18.17 feet - April 26, 1961; 18.00 feet - March 2, 2007. Note the increasing frequency of major flooding events, especially since the year 2003. Significant flooding is occurring on the average of more than once per year. There have been eight significant flooding events over a seven year period. More than 3.29 million dollars have been paid as flood claims to the owners of repetitive structures in the Village of Valley View over the last 30 years.</p>	
Enter the Latitude and Longitude coordinates for the project area.	
Latitude:	41.387
Longitude:	-81.604
Attachments:	
<a href="#">Flood Insurance Study - Cuyahoga County, Ohio.pdf</a> <a href="#">FIS - Cuyahoga River Floodway Data.pdf</a> <a href="#">Valley View Rep-Loss 10-30-09.xls</a>	

Hazard Information	
Select hazards to be mitigated	Flood
If other hazards, please specify	
If you would like to make any comments, please enter them below.	
The first floor of all elevated structures will be constructed at least 2 feet above the base flood elevation (BFE). In compliance with the National Flood Insurance Program (NFIP) all homeowners will be required to obtain and maintain flood insurance on mitigated properties.	
Attachments:	
<a href="#">FIS - Tinkers Creek Floodway Data.pdf</a> <a href="#">FIS - Cuyahoga River Flood Profiles.pdf</a> <a href="#">FIS - Tinkers Creek Flood Profiles.pdf</a> <a href="#">FIRM 390134 0213 E.PDF</a>	

FIRM Information	
Is the project located within a hazard area:	Floodplain
If other identified high hazard area, please specify:	
Is there a Flood Insurance Rate Map (FIRM) or Flood Hazard Boundary Map (FHBM) available for your project area?	Yes
Enter FIRM Panel Number:	390134 0213 E
Is the project site marked on the map?	Electronic map attached
Select Flood Zone Designation	Area of special flood hazard with water surface elevations determined (A1-30, AE)

Scope of Work
<b>What are the goals and objectives of this activity?</b>
The goals are to alleviate the threat of repetitive flooding that is sustained by the structures by elevating the structures, to reduce the risk to life and property, and to reduce the tax dollars spent on disaster assistance. The objective is the elevation of 13 structures so the first floor is 2 feet above the base flood elevation.
<b>Briefly describe the need for this activity.</b>
These properties have recorded multiple flood claims to the NFIP throughout the past 30 years. More than 6.79 million dollars have been paid as flood claims to the owners of repetitive structures in the Village of Valley View. The goal of this project is the elevation of the structures to reduce the risk and the amount of claims to the National Flood Insurance Program. The Village of Valley View has approximately 129 residential at-risk structures with a potential loss of \$24,510,000.00. The Cuyahoga River has a gaging station at Old Rockside Road in Independence, Ohio. The flood stage on the gage is 16.0 feet when floodwaters begin encroaching on Canal Road. When the floodwaters reach 17.0 feet on the gage, floodwaters reach Murray Road and Fosdick Road. When the floodwaters reach 18.5 feet on the gage, flooding occurs along Gleeson Drive, Charles Drive, Frances Drive, Stone Road, Canal Road, Murray Road, and Fosdick Road. Canal Road and many roads become impassable. At 22.0 feet on the gage, record flooding will occur along the Cuyahoga River. Note the following record of historical Cuyahoga River crests at the Independence Gage and dates: 23.33 feet - June 23, 2006; 22.41 feet - January 22, 1959; 22.06 feet - September 15, 1979; 21.77 feet - December 30, 1990; 21.66 feet - May 22, 2004; 21.12 feet - July 22, 2003; 20.70 feet - February 17, 1976; 20.64 feet - January 6, 2007; 20.64 feet - August 13, 1994; 20.55 feet - February 6, 2008; 20.16 feet - September 7, 1990; 20.02 feet - December 14, 1978; 19.58 feet - January 12, 2005; 19.27 feet - March 9, 2009; 18.76 feet - July 20, 1969; 18.47 feet - March 5, 1964; 18.30 feet - December 1, 2006; 18.17 feet - April 26, 1961; 18.00 feet - March 2, 2007. Note the increasing frequency of major flooding events, especially since the year 2003. Significant flooding is occurring on the average of more than once per year. There have been eight significant flooding events over a seven year period.
<b>Describe the problems this activity will address.</b>
The Village of Valley View lies within the floodplain of the Cuyahoga River. The river extends upstream approximately 75 miles from the Village of Valley View and the upstream area totals approximately 707 square miles. During and after storm rainfall events, waters from the Cuyahoga River frequently inundate portions of the flood hazard areas in Valley View. These flood hazard areas include a few residential neighborhoods within the floodplain where homes are consequently flooded by the high waters of the Cuyahoga River. The activity of the elevation of the structures of structures will address the flooding of these structures by the elevation of the first floor of the structures at least 2 feet above the base flood elevation in compliance with the National Flood Insurance Program (NFIP) and local ordinances.
<b>Describe the methodology for implementing this activity.</b>
The Engineer and Architect will design elevation plans and monitor the work in progress to ensure the structure is sound during and after the elevation to include jacking, foundation installation and hook ups electrical. As noted as a line item in the budget, an elevation certificate will be completed after the elevation is complete to ensure structure is elevated to 2 feet above the base flood elevation.
<b>If you would like to make any comments, please enter them below.</b>
The homeowners have acknowledged their understanding that participation in the Pre-Disaster Mitigation program is voluntary in their Project Match, Maintenance, and Flood Insurance Commitment Agreements.
<b>Attachments:</b>

Enter Work Schedule					
Description Of Task	Starting Point	Unit Of Time	Duration	Unit Of Time	Work Complete By
Submit Final Progress Report to State for Review	31	MONTHS	1	MONTHS	Village
Submit Closeout to FEMA	34	MONTHS	1	MONTHS	State of Ohio
Conduct final review of files and site inspection by State	32	MONTHS	1	MONTHS	State of Ohio
FEMA approval of project/Complete paperwork with State	1	MONTHS	1	MONTHS	Village/State
Attend Implementation meeting with State	2	MONTHS	1	MONTHS	Village/State
Complete Elevation Engineering Design	5	MONTHS	22	MONTHS	Village
Bid Elevation Contract	8	MONTHS	22	MONTHS	Village
Complete Elevation	11	MONTHS	22	MONTHS	Village/Contractor
Closeout project with State	33	MONTHS	1	MONTHS	Village/State of Ohio
Estimate the total duration of the proposed activity:			36	MONTHS	

Properties									
<b>Damaged Property Address:</b>									
Address line 1	9700 Frances Dr								
Address line 2									
City	Valley View								
County	Cuyahoga								
State	OH								
ZIP	44125 - 4714								
<b>Owner Information:</b>									
First Name	Laura								
Middle Name	M								
Last Name	Brack								
Phone	<table border="0"> <tr> <td>Home</td> <td>Office</td> </tr> <tr> <td>Cell</td> <td>Ext.</td> </tr> <tr> <td></td> <td>Other</td> </tr> <tr> <td></td> <td>Ext.</td> </tr> </table>	Home	Office	Cell	Ext.		Other		Ext.
Home	Office								
Cell	Ext.								
	Other								
	Ext.								
<b>Owner's Mailing Address:</b>									
Address line 1	9700 Frances Dr								
Address line 2									
Other (PO Box, Route, etc)									
City	Valley View								
State	OH								
ZIP	44125 - 4714								
Does this property have other co-owners or holders of recorded interest?	N								

Property Information:	
Age of structure (year built)	1962
<a href="#">SHPO</a> Review	
<a href="#">SHPO</a> Reviewed Date	
Structure Type	Single Family
Foundation type	Slab on Grade
Basement	Yes
Type of Residence	Owner Occupied-Principal Residence
Parcel Number	572-08-042
Property Tax Identification Number	
<a href="#">Latitude</a>	41.384867
<a href="#">Longitude</a>	-81.615742
Does this property have an <a href="#">NFIP Policy Number</a>	Yes
Policy Number	Unknown
Insurance Policy Provider	Carpenter Insurance Co.
Select hazard to be mitigated:	Flood
Damage Category	Not Applicable
<a href="#">Pre-Event Fair Market Value</a>	164,800.00
<a href="#">Benefit Cost Analysis</a> Performed	Yes
<a href="#">Benefit Cost Ratio</a>	0.63
<a href="#">Repetitive Loss</a> Structure	
<a href="#">Property Locator Number</a>	



Number of Losses	
Legal Description	

<b>Property Information II:</b>	
* Primary Property Action	Elevation
Secondary Property Actions	
<b>Flood Hazard</b>	
<a href="#">Base Flood Elevation</a> (only applicable when Property Action is Elevation)	611.3 feet
<a href="#">First Floor Elevation</a> (only applicable when Property Action is Elevation)	610.3 feet
Number of feet the lowest floor elevation of the structure is being raised above Base Flood Elevation (only applicable when Property Action is Elevation)	3.3 feet
Flood Source	Riverine Flooding
Property located within	Floodplain
* Is there a <a href="#">Flood Insurance Rate Map (FIRM)</a> available for your project area?	Yes
Is the property site marked on the map?	Yes
* <a href="#">Flood Zone Designation</a> (only applicable when Property Action is Elevation)	Area of special flood hazard with water surface elevations determined (A1-30, AE)

FIRM Information (Flood Maps)			
Community Name	CID Number	FIRM Panel Number	Effective Date
VALLEY VIEW, VILLAGE OF	390134	390134 0213 E	09-12-2008

Comments

Attachments	
Name	Date Attached
<a href="#">IMG_4628.jpg</a>	11-20-2009
<a href="#">IMG_4629.jpg</a>	11-20-2009
<a href="#">IMG_4630.jpg</a>	11-20-2009
<a href="#">IMG_4631.jpg</a>	11-20-2009

Properties	
<b>Damaged Property Address:</b>	
Address line 1	9722 Charles Dr
Address line 2	
City	Valley View
County	Cuyahoga
State	OH
ZIP	44125 - 4709
<b>Owner Information:</b>	
First Name	Ronnie
Middle Name	C
Last Name	Frye
Phone	Home Office Ext. Cell Other Ext.
<b>Owner's Mailing Address:</b>	
Address line 1	9722 Charles Dr
Address line 2	
Other (PO Box, Route, etc)	
City	Valley View
State	OH
ZIP	44125 - 4709
Does this property have other co-owners or holders of recorded interest?	Y

Co-owner or Owner of Property Interest Information:	
First Name	Susan
Middle Name	M
Last Name	Frye
Phone	Home Office Ext. Cell Other Ext.
<b>Co-owner's Mailing Address:</b>	
Address 1	9722 Charles Dr
Address 2	
Other (PO Box, Route, etc)	
City	Valley View
State	OH
ZIP	44125 - 4709
Comments	
Attachments	
No attachments Found	

Property Information:	
Age of structure (year built)	1961
<a href="#">SHPO</a> Review	

<a href="#">SHPO</a> Reviewed Date	
Structure Type	Single Family
Foundation type	Slab on Grade
Basement	Yes
Type of Residence	Owner Occupied-Principal Residence
Parcel Number	572-09-034
Property Tax Identification Number	
<a href="#">Latitude</a>	41.384172
<a href="#">Longitude</a>	-81.613875
Does this property have an <a href="#">NFIP Policy Number</a>	Yes
Policy Number	4800783121
Insurance Policy Provider	Allstate
Select hazard to be mitigated:	Flood
Damage Category	Not Applicable
<a href="#">Pre-Event Fair Market Value</a>	162,400.00
<a href="#">Benefit Cost Analysis</a> Performed	Yes
<a href="#">Benefit Cost Ratio</a>	0.61
<a href="#">Repetitive Loss</a> Structure	
<a href="#">Property Locator Number</a>	
Number of Losses	
Legal Description	

Property Information II:	
* Primary Property Action	Elevation
Secondary Property Actions	
Flood Hazard	
<a href="#">Base Flood Elevation</a> (only applicable when Property Action is Elevation)	611.7 feet
<a href="#">First Floor Elevation</a> (only applicable when Property Action is Elevation)	611.1 feet
Number of feet the lowest floor elevation of the structure is being raised above Base Flood Elevation (only applicable when Property Action is Elevation)	2.6 feet
Flood Source	Riverine Flooding
Property located within	Floodplain
* Is there a <a href="#">Flood Insurance Rate Map (FIRM)</a> available for your project area?	Yes
Is the property site marked on the map?	Yes
* <a href="#">Flood Zone Designation</a> (only applicable when Property Action is Elevation)	Area of special flood hazard with water surface elevations determined (A1-30, AE)

FIRM Information (Flood Maps)			
Community Name	CID Number	FIRM Panel Number	Effective Date
VALLEY VIEW, VILLAGE OF	390134	390134 0213 E	09-12-2008

Comments	
Attachments	
Name	Date Attached
<a href="#">IMG_4669.jpg</a>	11-20-2009
<a href="#">IMG_4672.jpg</a>	11-20-2009
<a href="#">IMG_4670.jpg</a>	11-20-2009
<a href="#">IMG_4671.jpg</a>	11-20-2009

## Decision Making Process

Describe the process you used to decide that this project is the best solution to the problem.

The project will focus on the area in the Village of Valley View that has the greatest potential for flood losses. The project focuses on the flood hazard areas where homes are the most likely to sustain flood damage. 9 of the homes in the application are listed on the repetitive loss list. The Village of Valley View used a 10 step process in the decision making process. Step 1, A meeting was held with local officials. Step 2, The Village reviewed the Community's All Natural Hazard Mitigation Plan which addresses flooding and action items include acquisition, elevation, retrofitting of flood prone structures. Step 3, A project development committee was formed. Step 4, A public meeting was held on October 28, 2009 to allow residents in the community to participate in the problem solving/decision making process. (See attached sign-in sheets and meeting agenda) Step 5, The problem was defined as flooding of special flood hazard areas caused by rainfall and stormwater runoff. The stormwater runoff overflows the banks of the Cuyahoga River and floods the surrounding floodplain. Step 6, The alternatives were defined as elevation or acquisition/demolition. Step 7, The committee developed criteria to evaluate the alternatives which included; does it solve a problem, is it a long term solution, is it environmentally sound, is it cost effective, is it technically feasible, does it comply with floodplain and wetland regs, does it transfer the problem and does it meet a goal, objective or action in the community's mitigation plan?. Step 8, The best alternative was selected (elevation). Step 9, The committee completed the project application. Step 10, the application was submitted for consideration.

Explain why this project is the best alternative.

Elevation was determined to be the best alternative and most cost effective solution. Properties in the Village of Valley View have recorded multiple flood claims to the NFIP throughout the past 30 years. More than 3.29 million dollars have been paid as flood claims to the owners of repetitive structures in the Village of Valley View. The goal of this project is the elevation of the structures to reduce the risk and the amount of claims to the National Flood Insurance Program. The Village of Valley View has approximately 129 residential at-risk structures with a potential loss of \$24,510,000.00. The elevation of these structures will reduce the threat of flooding, reduce the risk to life and property, and reduce the tax dollars spent on disaster assistance.

Comments:

Attachments:

[Pre-Disaster Mitigation Program Meeting and Sign-In.pdf](#)

202.1 - Elevation of Private Structures - Riverine						Federal Share: \$ 1,173,600.00
Item Name	Cost Classification	Unit Quantity	Unit of Measure	Unit Cost (\$)	Cost Estimate (\$)	
Project Management	Administrative Expense	13.00	Each	\$ 4,000.00	\$ 52,000.00	
Engineering/Design Fee	Architectural Engineering Basic Fees	13.00	Each	\$ 1,000.00	\$ 13,000.00	
Elevation Certificate	Other Architectural Engineering Basic Fees	13.00	Each	\$ 500.00	\$ 6,500.00	
Recording of deed notice for flood insurance	Administrative Expense	13.00	Each	\$ 200.00	\$ 2,600.00	
Architectural/Design Fee - Non Split Level	Architectural Engineering Basic Fees	2.00	Each	\$ 8,000.00	\$ 16,000.00	
Property Elevation - Split Level	Construction And Project Improvement	11.00	Each	\$ 110,000.00	\$ 1,210,000.00	
Property Elevation - Non Split Level	Construction And Project Improvement	2.00	Each	\$ 85,600.00	\$ 171,200.00	
Architectural Design Fee - Split Level	Architectural Engineering Basic Fees	11.00	Each	\$ 8,500.00	\$ 93,500.00	
Total Cost					\$ 1,564,800.00	

**Total Project Cost Estimate: \$ 1,564,800.00**

Match Sources		
Activity Cost Estimate	\$ 1,564,800.00	
Federal Share Percentage	75%	
Non-Federal Share Percentage	25%	
	Dollars	Percentage
Proposed Federal Share	\$ 1,173,600.00	75%
Proposed Non-Federal Share	\$ 391,200.00	25%

Matching Funds				
Source Agency	Name of Source Agency	Funding Type	Amount (\$)	Action
Private Non Profit Funding	Home Owners	Cash	\$ 391,200.00	<a href="#">View Details</a>
<b>Grand Total</b>			<b>\$ 391,200.00</b>	

If you would like to make any comments, please enter them below.

The Village of Valley View does not have the ability to provide a local match. See attached letter of reduced capacity. The cost shown on the cost estimate are in line with the actual construction costs of the current Hazard Mitigation Grant Program project in the Village of Valley View. In June 2006, the Village of Valley View and its property owners sustained considerable damage from flooding of the Cuyahoga River. On July 31, 2008, the Village of Valley View's application for a Hazard Mitigation Grant Program Grant was approved. The Village of Valley View has implemented the Hazard Mitigation Grant Program and five homes have been elevated and two more are under contract. The construction costs, administration costs, and architectural fees from the experience with the Hazard Mitigation Grant Program have been used as a basis for the cost estimate for the Pre-Disaster Mitigation Grant application. The individual homeowners are providing the local match and are responsible for 25% of the costs to elevate their home, including a portion of the project management, if any. The Property Owner Project Match Agreements have been attached to this section. The homeowners have acknowledged their understanding that participation in the Pre-Disaster Mitigation program is voluntary in their Project Match, Maintenance, and Flood Insurance Commitment Agreements.

#### Attachments

[Valley View Reduced Capacity Letter.pdf](#)  
[Property Owner Project Match 11-23-09.pdf](#)

Funding Source	Private Non Profit Funding
Name of Funding Source	Home Owners
Funding Type	Cash
Amount	\$ 391,200.00
Date of availability	07-01-2010
Funds commitment letter date	
Attachment (funds commitment letter)	

Cost Effectiveness Information	
Attach the Benefit Cost Analysis (BCA), if completed for this project	
<a href="#">11-30-09 BCA Report Final.zip</a>	
What is the source and type of the problem?	
The primary source of flooding has been determined to be the Cuyahoga River. During and after storm rainfall events waters from the Cuyahoga River frequently inundate portions of the flood hazard areas in Valley View.	
How frequent is the event?	
There has been an increasing frequency of major flooding events, especially since the year 2003. Significant flooding is occurring on the average of more than once per year. There have been eight significant flooding events over a seven year period.	
How severe is the damage?	
Damages sustained by these properties include basement flooding and first floor flooding which result in substantial monetary losses for the properties owners. More than 3.29 million dollars have been paid as flood claims to the owners of repetitive structures in the Village of Valley View over the last 30 years.	
What kinds of property are at risk?	
These properties are in residential areas.	
Are there better, alternative ways to solve the problem?	
Elevation has been determined to be the most cost effective solution. The U.S. Army Corps of Engineers has prepared several studies regarding flood damage reduction for structures subject to flooding by the Cuyahoga River. These studies included levee protection and minor channelization. The levee protection and minor channelization could not be economically justified.	
Are the mitigation project costs well documented and reasonable?	
Yes	
If you would like to make any comments, please enter them below.	
The Village of Valley View conducted the benefit-cost analysis using FEMA Benefit Cost Analysis 4.5.5.0 Software Methodology. See attached Benefit Cost Analysis Data Sources and Justification and the Surveyor Elevation Certification in the Cost Effectiveness Section. See attached Flood Insurance Study (FIS), Flood Profiles, and Flood Insurance Rate Map (FIRM) attached in the Hazard Information Section. Note Cuyahoga River profiles 62P and 63P have been attached in this section. Marked on the profiles is the location of the various streets and addresses included in this project application. Note the summary of discharges from the Flood Insurance Study have been attached in this section.	
Attachments:	
<a href="#">FIS Cuyahoga County, Ohio – September 12, 2008-Table 12 Summary of Discharges.pdf</a> <a href="#">Cuyahoga River Profiles 62P and 63P.pdf</a> <a href="#">Data Sources and Justification - Valley View 11-23-09.doc</a> <a href="#">First Floor Elevation Certification 11-23-09.pdf</a>	

Damage History			
Date	Event	Description of Damage	Amount of Damage
09-1979	Flood	Buildings and contents	\$ 343,986.05
12-1979	Flood	Building	\$ 9,580.80
09-1980	Flood	Buildings and contents	\$ 7,023.03
02-1981	Flood	Buildings and contents	\$ 20,754.42
05-1983	Flood	Buildings and contents	\$ 19,278.96
05-1989	Flood	Buildings and contents	\$ 34,743.65
07-1990	Flood	Building and contents	\$ 8,088.71
12-1990	Flood	Building and contents	\$ 181,632.87
12-1992	Flood	Contents	\$ 3,634.00
01-1994	Flood	Building and contents	\$ 3,481.80
08-1994	Flood	Buildings and contents	\$ 79,946.25
02-1997	Flood	Building and contents	\$ 13,598.76
06-1997	Flood	Buildings and contents	\$ 167,929.91
07-2003	Flood	Buildings and contents	\$ 46,691.59
05-2004	Flood	Buildings and contents	\$ 254,729.83

01-2005	Flood	Building	\$ 10,943.35
06-2006	Flood	Buildings and contents	\$ 1,369,755.19
12-2006	Flood	Building and contents	\$ 2,399.59
01-2007	Flood	Building and contents	\$ 11,407.68
02-2008	Flood	Building and contents	\$ 26,211.62
Total Amount of Damage			\$ 2,615,818.06



<b>A. National Historic Preservation Act - Historic Buildings and Structures</b>	
* 1. Does your project affect or is it in close proximity to any buildings or structures 50 years or more in age?	Yes
If Yes, you must confirm that you have provided the following:	
<input checked="" type="checkbox"/> The property address and original date of construction for each property affected (unless this information is already noted in the Properties section),	
<input checked="" type="checkbox"/> A minimum of two color photographs showing at least three sides of each structure (Please label the photos accordingly),	
<input checked="" type="checkbox"/> A diagram or USGS 1:24,000 scale quadrangle map displaying the relationship of the property(s) to the project area.	
To help FEMA evaluate the impact of the project, please indicate below any other information you are providing:	
<input type="checkbox"/> Information gathered about potential historic properties in the project area, including any evidence indicating the age of the building or structure and presence of buildings or structures that are listed or eligible for listing on the National Register of Historic Places or within or near a National Register listed or eligible historic district. Sources for this information may include the State Historic Preservation Officer, and/or the Tribal Historic Preservation Officer (SHPO/THPO), your local planning office, historic preservation organization, or historical society.	
<input type="checkbox"/> Consideration of how the project design will minimize adverse effects on known or potential historic buildings or structures, and any alternatives considered or implemented to avoid or minimize effects on historic buildings or structures. Please address and note associated costs in your project budget.	
<input type="checkbox"/> For acquisition/demolition projects affecting historic buildings or structures, any data regarding the consideration and feasibility of elevation, relocation, or flood proofing as alternatives to demolition.	
<input type="checkbox"/> Attached materials or additional comments.	
Comments:	
The property address and original date of construction for each property affected are noted in the Properties Section. The color photographs for the structures 50 years or more in age are attached to the individual properties in the Properties Section. The USGS quadrangle map is attached in the Environmental/Historic Preservation Information Section. The Village of Valley View will request an environmental review and a historical preservation review from all appropriate agencies if the project is approved.	
Attachments:	
<a href="#">USGS Topo Map.pdf</a> <a href="#">Valley View Street Map.pdf</a> <a href="#">Valley View Ordinance 1228.pdf</a> <a href="#">State Map.pdf</a>	

<b>B. National Historic Preservation Act - Archeological Resources</b>	
* 1. Does your project involve disturbance of ground?	Yes
If Yes, you must confirm that you have provided the following:	
<input checked="" type="checkbox"/> A description of the ground disturbance by giving the dimensions (area, volume, depth, etc.) and location	
<input checked="" type="checkbox"/> The past use of the area to be disturbed, noting the extent of previously disturbed ground.	
<input checked="" type="checkbox"/> A USGS 1:24,000 scale or other site map showing the location and extent of ground disturbance.	
To help FEMA evaluate the impact of the project, please indicate below any other information you are providing:	
<input type="checkbox"/> Any information about potential historic properties, including archeological sites, in the project area. Sources of this information may include SHPO/THPO, and/or the Tribe's cultural resources contact if no THPO is designated. Include, if possible, a map showing the relation of any identified historic properties to the project area.	
<input checked="" type="checkbox"/> Attached materials or additional comments.	
Comments:	

The extent of ground disturbance for the homes that are being elevated will be minimal, probably less than one foot in depth and less disturb less than ten cubic yards. The past use of the properties has been for residential housing. There is no evidence that there are any archeological site in the project area. The USGS quadrangle map is attached in the Environmental/Historic Preservation Information Section. Steps will be taken upon

environmental clearance by all parties.
Attachments:

**C. Endangered Species Act and Fish and Wildlife Coordination Act**

* 1. Are Federally listed threatened or endangered species or their critical habitat present in the area affected by the project?	Not Known
---	-----------

If Yes, you must confirm that you have provided the following:

Information you obtained to identify species in or near the project area. Provide the source and date of the information cited.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing:

Any request for information and associated response from the USFWS, the National Marine Fisheries Service (NMFS) (for affected ocean-going fish), or your State Wildlife Agency, regarding potential listed species present and potential of the project to impact those species.

Attached materials or additional comments.

Comments:

The Village of Valley View will request an environmental review from the Ohio Department of Natural Resources (ODNR) Division of Wildlife if the project is approved.

* 2. Does your project remove or affect vegetation?	No
---	----

If Yes, you must confirm that you have provided the following:

Description of the amount (area) and type of vegetation to be removed or affected.

A site map showing the project area and the extent of vegetation affected.

Photographs or digital images that show both the vegetation affected and the vegetation in context of its surroundings.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing:

Attached materials or additional comments.

Comments:

* 3. Is your project in, near (within 200 feet), or likely to affect any type of waterway or body of water?	No
---	----

If Yes, and project is not within an existing building, you must confirm that you have provided the following:

A USGS 1:24,000 scale quadrangle map showing the project activities in relation to all nearby water bodies (within 200 feet).

Any information about the type of water body nearby including: its dimensions, the proximity of the project activity to the water body, and the expected and possible changes to the water body, if any. Identify all water bodies regardless whether you think there may be an effect

A photograph or digital image of the site showing both the body of water and the project area.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing:

Evidence of any discussions with the US Fish and Wildlife Service (USFWS), and/or your State Wildlife Agency concerning any potential impacts if there is the potential for the project to affect any water body.

Attached materials or additional comments.

Comments:

None of the homes is within 200 feet of the Ohio Canal and none of the homes are within 200 feet of Mud Creek. See the attached USGS quadrangle map. The project will make no change to Mud Creek. Mud Creek is a tributary to the Cuyahoga River and provides a drainage

conveyance for approximately 800 acres of upland area. The bottom of Mud Creek is approximately six feet wide. Attached find the photographs of Mud Creek and the project area. In Mud Creek Photograph 002, Mud Creek is obscured by the Phragmites on both sides of the creek. Mud Creek is in the middle of the Phragmites. Mud Creek Photographs 006 and 007 depict the location of Mud Creek in respect to the homes in the project.

Attachments:

- [USGS Quad Map with Mud Creek.pdf](#)
- [Mud Creek Photographs 002.jpg](#)
- [Mud Creek Photographs 006.jpg](#)
- [Mud Creek Photographs 007.jpg](#)

**D. Clean Water Act, Rivers and Harbors Act, and Executive Order 11990 (Protection of Wetlands)**

* 1. Will the project involve dredging or disposal of dredged material, excavation, adding fill material or result in any modification to water bodies or wetlands designated as "waters of the U.S" as identified by the US Army Corps of Engineers or on the National Wetland Inventory?	No
--	----

If Yes, you must confirm that you have provided the following:

- Documentation of the project location on a USGS 1:24,000 scale topographic map or image and a copy of a National Wetlands Inventory map or other available wetlands mapping information.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing:

- Request for information and response letter from the US Army Corps of Engineers and/or State resource agencies regarding the potential for wetlands, and applicability of permitting requirements.
- Evidence of alternatives considered to eliminate or minimize impacts to wetlands.
- Attached materials or additional comments.

Comments:

Attachments:

**E. Executive Order 11988 (Floodplain Management)**

* 1. Does a Flood Insurance Rate Map (FIRM), Flood Hazard Boundary Map (FHBM), hydrologic study, or some other source indicate that the project is located in or will affect a 100 year floodplain, a 500 year floodplain if a critical facility, an identified regulatory floodway, or an area prone to flooding?	Yes
--	-----

If Yes, please indicate in the text box below any documentation to identify the means or the alternatives considered to eliminate or minimize impacts to floodplains (See the 8 step process found in 44 CFR Part 9.6.) to help FEMA evaluate the impact of the project:

The Flood Insurance Rate Map (FIRM) is attached under the Hazard Information Section. The U.S. Army Corps of Engineers has prepared several studies regarding flood damage reduction for structures subject to flooding by the Cuyahoga River. These studies included levee protection and minor channelization. The levee protection or minor channelization would disturb considerable areas of the flood plain by excavation and embankment within the flood plain. The elevation of homes will have a minimal impact on the flood plain since the homes are being elevated over their existing foundations, the basements are being filled in, and the flood vents are being installed all in accordance with the National Insurance Flood Program.

* 2. Does the project alter a watercourse, water flow patterns, or a drainage way, regardless of its floodplain designation?	No
--	----

If Yes, please indicate below any other information you are providing to help FEMA evaluate the impact of the project:

- Hydrologic/hydraulic information from a qualified engineer to demonstrate how drainage and flood flow patterns will be changed and to identify down and upstream effects.
- Evidence of any consultation with US Army Corps of Engineers (may be included under Part D of the Environmental Information).
- Request for information and response letter from the State water resource agency, if applicable, with jurisdiction over modification of waterways.
- Attached materials or additional comments.

Comments:
Attachments:

<b>F. Coastal Zone Management Act</b>	
* 1. Is the project located in the State's designated coastal zone?	No
If Yes, please indicate below any other information you are providing to help FEMA evaluate the impact of the project:	
<input type="checkbox"/> Information resulting from contact with the appropriate State agency that implements the coastal zone management program regarding the likelihood of the project's consistency with the State's coastal zone plan and any potential requirements affecting the cost or design of the proposed activity.	
<input type="checkbox"/> Attached materials or additional comments.	
Comments:	
Attachments:	

<b>G. Farmland Protection Policy Act</b>	
* 1. Will the project convert more than 5 acres of "prime or unique" farmland outside city limits to a non-agricultural use?	No
Comments:	
Attachments:	

<b>H. RCRA and CERCLA (Hazardous and Toxic Materials)</b>	
* 1. Is there a reason to suspect there are contaminants from a current or past use on the property associated with the proposed project?	No
If Yes, please indicate below any other information you are providing to help FEMA evaluate the impact of the project:	
<input type="checkbox"/> Comments and any relevant documentation.	
<input type="checkbox"/> Results of any consultations with State or local agency to obtain permit with requirements for handling, disposing of or addressing the effects of hazardous or toxic materials related to project implementation.	
<input type="checkbox"/> Attached materials or additional comments.	
Comments:	
* 2. Are there any studies, investigations, or enforcement actions related to the property associated with the proposed project?	No
If Yes, please indicate below any other information you are providing to help FEMA evaluate the impact of the project:	
<input type="checkbox"/> Comments and any relevant documentation.	
<input type="checkbox"/> Results of any consultations with State or local agency to obtain permit with requirements for handling, disposing of or addressing the effects of hazardous or toxic materials related to project implementation.	
<input type="checkbox"/> Attached materials or additional comments.	
Comments:	
* 3. Does any project construction or operation activities involve the use of hazardous or toxic materials?	No

If Yes, please indicate below any other information you are providing to help FEMA evaluate the impact of the project:	
<input type="checkbox"/> Comments and any relevant documentation.	
<input type="checkbox"/> Results of any consultations with State or local agency to obtain permit with requirements for handling, disposing of or addressing the effects of hazardous or toxic materials related to project implementation.	
<input type="checkbox"/> Attached materials or additional comments.	
Comments:	
* 4. Do you know if any of the current or past land-uses of the property affected by the proposed project or of the adjacent properties are associated with hazardous or toxic materials?	No
If Yes, please indicate below any other information you are providing to help FEMA evaluate the impact of the project:	
<input type="checkbox"/> Comments and any relevant documentation.	
<input type="checkbox"/> Results of any consultations with State or local agency to obtain permit with requirements for handling, disposing of or addressing the effects of hazardous or toxic materials related to project implementation.	
<input type="checkbox"/> Attached materials or additional comments.	
Comments:	
Attachments:	

<b>I. Executive Order 12898, Environmental Justice for Low Income and Minority Populations</b>	
* 1. Are there low income or minority populations in the project's area of effect or adjacent to the project area?	No
If Yes, you must confirm that you have provided the following:	
<input type="checkbox"/> Description of any disproportionate and adverse effects to these populations.	
To help FEMA evaluate the impact of the project, please indicate below any other information you are providing:	
<input type="checkbox"/> Description of the population affected and the portion of the population that would be disproportionately and adversely affected. Please include specific efforts to address the adverse impacts in your proposal narrative and budget.	
<input type="checkbox"/> Attached materials or additional comments.	
Comments:	
Attachments:	

<b>J. Other Environmental/Historic Preservation Laws or Issues</b>	
* 1. Are there other environmental/historic preservation requirements associated with this project that you are aware of?	No
If Yes, please indicate in the text box below a description of the requirements, issues or public involvement effort.	
* 2. Are there controversial issues associated with this project?	No
If Yes, please indicate in the text box below a description of the requirements, issues or public involvement effort.	
* 3. Have you conducted any public meeting or solicited public input or comments on your specific proposed mitigation project?	Yes

If Yes, please indicate in the text box below a description of the requirements, issues or public involvement effort.

A public meeting was held October 28, 2009 with property owners included in the Pre-Disaster Mitigation application. The property owners were informed that they must purchase and maintain flood insurance for the life of the property. Homeowners were provided with Property Owner Project Match, Maintenance, and Flood Insurance Commitment Agreement forms that require that the property be maintained to ensure compliance with National Flood Insurance (NFIP) regulations and local ordinances. The forms state that flood insurance must be maintained on the structure for the life of the structure and that a legal notice will be recorded with the Cuyahoga County Recorder that flood insurance coverage must be maintained on the property. The form also states that failure to maintain flood insurance on this property may prohibit the owner from receiving Federal disaster assistance with respect to the property in the event of a flood disaster. The meeting agenda and the sign-in sheets are attached in the Decision Making Process Section.

Attachments:

**K. Summary and Cost of Potential Impacts**

* 1. Having answered the questions in parts A. through J., have you identified any aspects of your proposed project that have the potential to impact environmental resources or historic properties?	Yes
---	-----

If Yes, you must confirm that you have:

- Evaluated these potential effects and provided the materials required in Parts A through J that identify the nature and extent of potential impacts to environmental resources and/or historic properties.
- Consulted with appropriate parties to identify any measures needed to avoid or minimize these impacts.
- Considered alternatives that could minimize both the impacts and the cost of the project.
- Made certain that the costs of any measures to treat adverse effects are realistically reflected in the project budget estimate.

Comments:

The Village of Valley View has reviewed the potential impacts to the environmental resources and historical properties. The structures that are more than 50 years old are more than 400 feet from the Ohio Canal and none of them face Canal Road. The photographs of the homes are attached to the individual homes in the Properties Section. The elevation of the homes does not affect the existing waterways, since the homes are more than 200 feet from Mud Creek and more than 400 feet from the Ohio Canal.

Attachments:

Maintenance Schedule and Costs	
Provide a maintenance schedule including cost information	This project includes the elevation 13 homes. The property owners will maintain ownership and maintenance of the homes and properties. The property owners have agreed to maintain flood insurance on the structure located on the property for the life of the structure. See the attached Property Owner, Project Match, Maintenance, and Flood Insurance Commitment Agreement in the Match Sources Section. The property owners understand that a legal notice will be recorded with the Cuyahoga County Recorder that requires that flood insurance coverage must be maintained on the property. The premium for the flood insurance has been included in the maintenance costs for the Benefit/Cost Analysis (BCA) calculations. The estimated cost for maintenance of the elevated homes is \$800.00 per year including maintaining the flood vents, elevated walls, mowing, and flood insurance.
Identify entity that will perform any long-term maintenance	Property owners and the Village of Valley View
If you would like to make any comments, please enter them below.	
Attach letter from entity accepting performance responsibility	

Evaluation Information (Part 1 of 4)	
Is the recipient participating in the <a href="#">Community Rating System (CRS)?</a>	No
If yes, what is their <a href="#">CRS rating</a> ?	
Is the recipient a <a href="#">Cooperating Technical Partner (CTP)?</a>	No
Is the recipient a <a href="#">Firewise Community</a> ?	No
If yes, please provide their <a href="#">Firewise Community</a> number.	
Has the recipient adopted building codes consistent with the <a href="#">International Codes</a> ?	No
Has the recipient adopted the <a href="#">National Fire Protection Association (NFPA) 5000 Code</a> ?	No
Have the recipient's building codes been assessed on the <a href="#">Building Code Effectiveness Grading Schedule (BCEGS)</a> ?	No
If yes, what is their <a href="#">BCEGS</a> rating?	
Is the recipient a <a href="#">Disaster Resistant University</a> ?	No
Is the recipient a <a href="#">Historically Black College or University or a Tribal College or University</a> ?	No



Evaluation Information (Part 2 of 4)
Describe the desired outcome and methodology of the mitigation activity in terms of mitigation objectives to be achieved.
The proposed activities of elevation are consistent with the alternatives to flooding as listed in the mitigation plan to reduce and eliminate the structures subject to flooding within the Village of Valley View. The goals are to alleviate the repetitive flooding that is sustained by the structures by reducing the threat of flooding to elevated structures, to reduce the risk to life and property, eliminate tax dollars and repetitive claims to the NFIP, and to reduce the tax dollars spent on disaster assistance. The objective is the elevation of 13 structures so the first floor is 2 feet above the base flood elevation. A certified engineer and architect will develop the elevation plan, supervise the elevation including jacking, foundation work and assuring the property is 2 feet above the base flood elevation.
Describe performance expectations and timeline for interim milestones and overall completion of mitigation activity.
The timeline for the project is 36 months. This time frame includes 22 months for engineering design, 22 months to complete the bid process and 22 months to complete the elevation. Time line includes 1 month to conduct a final review of project files and a site inspection by the State.
Describe how you will manage the costs and schedule, and how you will ensure successful performance.
The Village of Valley View will manage the cost through the competitive bid process. The Village of Valley View will develop a project schedule and project management plan for the entire project. Strict time frames will be set and followed to complete this elevation. The elevation of homes will include the engagement of an architectural firm to prepare plans and specifications for several homes at a time. The project will be bid with an estimated construction schedule included in the specifications.
Describe the staff and resources needed to implement this mitigation activity and the applicant's ability to provide these resources.
The Village Engineer and staff will oversee the project and serve as project manager.
If applying for multiple mitigation activities, how do these activities relate?
The objective is the elevation of 13 structures so the first floor is 2 feet above the base flood elevation. In the mitigation activity the goals are to alleviate the repetitive flooding that is sustained by the structures in the Cuyahoga River Valley. The activities will reduce the threat of flooding to elevated structures. The activity will reduce the risk to life and property, eliminate tax dollars and repetitive claims to the NFIP, and to reduce the tax dollars spent on disaster assistance.

Evaluation Information (Part 3 of 4)
How will this mitigation activity leverage involvement of partners to enhance its outcome?
A successfull outcome is ensured by the partnering of the Village of Valley View, the Valley View Engineerng Department and the State of Ohio.
How will this mitigation activity offer long-term financial and social benefits?
The goals are to alleviate the repetitive flooding that is sustained by the structures by reducing the threat of flooding to elevated structures, to reduce the risk to life and property, eliminate tax dollars and repetitive claims to the NFIP, and to reduce the tax dollars spent on disaster assistance.
How does this mitigation activity comply with Federal laws and Executive Orders, and how is it complementary to other Federal programs?
Elevation of these properties complies with the flood mitigation options promoted by the Federal Emergency Management Agency and the National Flood Insurance Program.
What outreach activities are planned relative to this mitigation activity (e.g., signs, press releases, success stories, developing package to share with other communities, losses avoided analysis) and/or how will this mitigation activity serve as a model for other communities (i.e. Do you intend to mentor other communities, Tribes or States? Do you intend to prepare a description of the process followed in this activity so that others may learn from the example?)?
Before and during the mitigation process local media will be interested in the story of the mitigation project and the funding program. The mitigation program will promoted as a success story that minimized the flood hazard to homeowners. The Village routinely promotes its initiatives through the web, brochures, and special publications. The Village of Valley View will work with the Ohio Emergency Management Agency to track the level of future floods in the project area to determine through benefit-cost analysis the money saved by implementing this project during future events.

Evaluation Information (Part 4 of 4)	
Please provide the percent of the population benefiting from this mitigation activity.	1.5
Please explain your response.	The objective is the elevation of 13 structures to reduce the flood hazard to these homes. All of the homeowners and residents, approximately 35 people, will benefit from the elevation of these homes. The homeowners of the elevated homes will not be subject to the repetitive flooding that is sustained by the homes, since the threat of flooding to elevated structures is being reduced significantly. The mitigation activity will reduce the risk to life and property due to flooding of the Cuyahoga River.
Net Present Value of Project Benefits (A)	\$ 1710056.00
Total Project Cost Estimate (B)	\$ 1693851.00
What is the Benefit Cost Ratio for the entire project (A/B)?	1.010
Analysis Type	FEMA BCA software methodology
What is the primary hazard data used for the BCA?	Flood
What secondary hazards were considered during the BCA?	null
Other Secondary Hazard	
Does this mitigation activity protect a critical facility?	No
If yes, please select the type of critical facilities to be protected	
Comments:	
The Village of Valley View used FEMA BCA 4.5.5.0 software methodology to calculate the Benefit Cost Ratio for this project. The Village of Valley View is working with the homeowners and the Cuyahoga County Emergency Management Agency to locate additional sources as local partners for the funds to match the Federal Funds provided in the Pre-Disaster Mitigation Grant program. Additional sources of local match funds are being sought to lessen the burden on the individual homeowners to provide matching funds.	
Name	Date Attached

Comments and Attachments			
Name of Section	Comment	Attachment	Date Attached
Application Level	The Property Information spreadsheet has been attached under this section. We were unable to import the Property Information spreadsheet in the Properties Section.	<a href="#">Property Spreadsheet 11-22-09.xls</a>	11-23-2009
Mitigation Activity Information	The Village of Valley View has experience with mitigation projects. The Village of Valley View received a Hazard Mitigation Grant after the flood in 2006. The Hazard Mitigation Grant approval included the elevation of 22 homes and the acquisition/demolition of 2 homes.		
Hazard Information	The first floor of all elevated structures will be constructed at least 2 feet above the base flood elevation (BFE). In compliance with the National Flood Insurance Program (NFIP) all homeowners will be required to obtain and maintain flood insurance on mitigated properties.	<a href="#">FIRM 390134 0213 E.PDF</a>	10-30-2009
		<a href="#">Valley View Rep-Loss 10-30-09.xls</a>	11-03-2009
		<a href="#">FIS - Tinkers Creek Flood Profiles.pdf</a>	11-04-2009
		<a href="#">FIS - Cuyahoga River Flood Profiles.pdf</a>	11-04-2009
		<a href="#">FIS - Cuyahoga River Floodway Data.pdf</a>	11-04-2009
		<a href="#">Flood Insurance Study - Cuyahoga County, Ohio.pdf</a>	11-04-2009
		<a href="#">FIS - Tinkers Creek Floodway Data.pdf</a>	11-04-2009
Scope of Work	The homeowners have acknowledged their understanding that participation in the Pre-Disaster Mitigation program is voluntary in their Project Match, Maintenance, and Flood Insurance Commitment Agreements.		
Decision Making Process		<a href="#">Pre-Disaster Mitigation Program Meeting and Sign-In.pdf</a>	11-02-2009
	The Village of Valley View does not have the ability to provide a local match. See attached letter of reduced capacity. The cost shown on the cost estimate are in line with the actual construction costs of the current Hazard Mitigation Grant Program project in the Village of Valley View. In June 2006, the Village of Valley View		

Match Sources	<p>and its property owners sustained considerable damage from flooding of the Cuyahoga River. On July 31, 2008, the Village of Valley View's application for a Hazard Mitigation Grant Program Grant was approved. The Village of Valley View has implemented the Hazard Mitigation Grant Program and five homes have been elevated and two more are under contract. The construction costs, administration costs, and architectural fees from the experience with the Hazard Mitigation Grant Program have been used as a basis for the cost estimate for the Pre-Disaster Mitigation Grant application. The individual homeowners are providing the local match and are responsible for 25% of the costs to elevate their home, including a portion of the project management, if any. The Property Owner Project Match Agreements have been attached to this section. The homeowners have acknowledged their understanding that participation in the Pre-Disaster Mitigation program is voluntary in their Project Match, Maintenance, and Flood Insurance Commitment Agreements.</p>	<p><a href="#">Property Owner Project Match 11-23-09.pdf</a></p>	11-23-2009
		<p><a href="#">Valley View Reduced Capacity Letter.pdf</a></p>	10-30-2009
Cost Effectiveness	<p>The Village of Valley View conducted the benefit-cost analysis using FEMA Benefit Cost Analysis 4.5.5.0 Software Methodology. See attached Benefit Cost Analysis Data Sources and Justification and the Surveyor Elevation Certification in the Cost Effectiveness Section. See attached Flood Insurance Study (FIS), Flood Profiles, and Flood Insurance</p>	<p><a href="#">11-30-09 BCA Report Final.zip</a></p>	11-30-2009
		<p><a href="#">Data Sources and Justification - Valley View 11-23-09.doc</a></p>	11-24-2009
		<p><a href="#">Cuyahoga River Profiles 62P and 63P.pdf</a></p>	11-06-2009

Information	Rate Map (FIRM) attached in the Hazard Information Section. Note Cuyahoga River profiles 62P and 63P have been attached in this section. Marked on the profiles is the location of the various streets and addresses included in this project application. Note the summary of discharges from the Flood Insurance Study have been attached in this section.	<a href="#">FIS Cuyahoga County, Ohio – September 12, 2008-Table 12 Summary of Discharges.pdf</a>	11-06-2009
		<a href="#">First Floor Elevation Certification 11-23-09.pdf</a>	11-23-2009
Evaluation Information	The Village of Valley View used FEMA BCA 4.5.5.0 software methodology to calculate the Benefit Cost Ratio for this project. The Village of Valley View is working with the homeowners and the Cuyahoga County Emergency Management Agency to locate additional sources as local partners for the funds to match the Federal Funds provided in the Pre-Disaster Mitigation Grant program. Additional sources of local match funds are being sought to lessen the burden on the individual homeowners to provide matching funds.		

Assurances and Certifications	
Please click the link in the status column to view forms.	
Forms	Status
Part II: FEMA Form 20-16B, Assurances <b>Construction</b> Programs.	<a href="#">Complete</a>
Part II: FEMA Form 20-16C, Certifications Regarding Lobbying; Debarment, Suspension and Other Responsibilities Matters; and Drug-Free Workplace Requirements.	<a href="#">Complete</a>
Part III: SF-LLL, Disclosure of Lobbying Activities (Complete only if applying for a grant of more than \$100,000 and have lobbying activities using Non-Federal funds. See Form 20-16C for lobbying activities definition.)	Not Applicable

## FEMA Form 20-16B, Assurances-Construction Programs

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the nonfederal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure nondiscrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or state.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 USC Sections 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statues or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 CFR 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 USC Section 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (PL 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 USC Sections 1681- 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 USC Section 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 USC Sections 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (PL 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (PL 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) Sections 523 and 527 of the Public Health Service Act of 1912 (42 USC Sections 290-dd-3 and 290-ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 USC Section 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (PL 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and Federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 USC Sections 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 USC Sections 276a to 276a-7), the Copeland Act (40 USC Section 276c and 18 USC Section 874), and the Contract Work Hours and Safety Standards Act (40 USC Sections 327-333) regarding labor standards for federally assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (PL 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (PL 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State



management program developed under the Coastal Zone Management Act of 1972 (16 USC Section 1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 USC Section 7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (PL 93-523); and (h) protection of endangered species under the Endangered Species Act of 1973, as amended (PL 93-205).

16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 USC Section 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 USC Section 470), EO 11593 (identification and preservation of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 USC Section 469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984.
19. Will comply with all applicable requirements of all other Federal laws, Executive Orders, regulations, and policies governing this program.
20. It will comply with the minimum wage and maximum hour provisions of the Federal Fair Labor Standards Act (29 USC Section 201), as they apply to employees of institutions of higher education, hospitals, and other nonprofit organizations.
21. It will obtain approval by the appropriate Federal agency of the final working drawings and specifications before the project is advertised or placed on the market for bidding; that it will construct the project, or cause it to be constructed, to final completion in accordance with the application and approved plans and specifications; that it will submit to the appropriate Federal agency for prior approval changes that alter the cost of the project, use of space, or functional layout, that it will not enter into a construction contract(s) for the project or undertake other activities until the conditions of the construction grant program(s) have been met.
22. It will operate and maintain the facility in accordance with the minimum standards as may be required or prescribed by the applicable Federal, State, and local agencies for the maintenance and operation of such facilities.
23. It will require the facility to be designed to comply with the "American Standard Specification for Making Buildings and Facilities Accessible to, and Usable by, the Physically Handicapped," Number A117.- 1961, as modified (41 CFR 101-17.703). The applicant will be responsible for conducting inspections to ensure compliance with these specifications by the contractor.
24. If any real property or structure thereon is provided or improved with the aid of Federal financial assistance extended to the applicant, this assurance shall obligate the applicant, or in the case of any transfer of such property, any transfer, for the period during which the real property, or structure is used for a purpose for which the Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits.
25. In making subgrants with nonprofit institutions under this Comprehensive Cooperative Agreement, it agrees that such grants will be subject to OMB Circular A-122, "Cost Principles for Nonprofit Organizations" included in Vol. 49, Federal Register, pages 18260 through 18277 (April 27, 1984).

I, Paul Dey, hereby sign this form as of 11-06-2009.

**You must read and sign these assurances by providing your password and checking the box at the bottom of this page.**

**Note:** Fields marked with an \* are required.

Certifications Regarding Lobbying; Debarment, Suspension and Other Responsibility Matters; and Drug-Free Workplace Requirements.

Applicants should refer to the regulations cited below to determine the certification to which they are required to attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 44 CFR Part 18, "New Restrictions on Lobbying; and 28 CFR Part 17, "Government-wide Debarment and suspension (Nonprocurement) and Government-wide Requirements for Drug-Free Workplace (Grants)." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Federal Emergency Management Agency (FEMA) determines to award the covered transaction, grant, or cooperative agreement.

### 1. LOBBYING

A. As required by the section 1352, Title 31 of the US Code, and implemented at 44 CFR Part 18 for persons entering into a grant or cooperative agreement over \$100,000, as defined at 44 CFR Part 18, the applicant certifies that:

(a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the making of any Federal grant, the entering into of any cooperative agreement and extension, continuation, renewal, amendment, or modification of any Federal grant or cooperative agreement;

(b) If any other funds than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form LLL, "Disclosure of Lobbying Activities", in accordance with its instructions;

#### **Standard Form LLL Disclosure of Lobbying Activities Not Attached**

(c) The undersigned shall require that the language of this certification be included in the award documents for all the sub awards at all tiers (including subgrants, contracts under grants and cooperative agreements, and subcontract(s)) and that all subrecipients shall certify and disclose accordingly.

### 2. DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS (DIRECT RECIPIENT)

As required by Executive Order 12549, Debarment and Suspension, and implemented at 44 CFR Part 67, for prospective participants in primary covered transactions, as defined at 44 CFR Part 17, Section 17.510-A. The applicant certifies that it and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency;

(b) Have not within a three-year period preceding this application been convicted of or had a civilian judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or perform a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or locally) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and

(d) Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause or default; and

B. Where the applicant is unable to certify to any of the statements in this certification, he or she shall attach an explanation to this application.

Explanation:

### 3. DRUG-FREE WORKPLACE (GRANTEES OTHER THAN INDIVIDUALS)

As required by the Drug-Free Workplace Act of 1988, and implemented at 44 CFR Part 17, Subpart F, for grantees, as defined at 44 CFR part 17, Sections 17.615 and 17.623:

(A) The applicant certifies that it will continue to provide a drug-free workplace by:

(a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;

(b) Establishing an on-going drug free awareness program to inform employees about:

(1) The dangers of drug abuse in the workplace;

(2) The grantee's policy of maintaining a drug-free workplace;

(3) Any available drug counseling, rehabilitation and employee assistance programs; and

(4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;

(c) Making it a requirement that each employee to be engaged in the performance of the grant to be given a copy of the statement required by paragraph (a);

(d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will:

- (1) Abide by the terms of the statement; and
- (2) Notify the employee in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction.

(e) Notifying the agency, in writing within 10 calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to the applicable FEMA awarding office, i.e. regional office or FEMA office.

(f) Taking one of the following actions against such an employee, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted:

- (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
- (2) Require such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement or other appropriate agency.

(g) Making a good effort to continue to maintain a drug free workplace through implementation of paragraphs (a), (b), (c), (d), (e), and (f).

(B) The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance			
Street	City	State	ZIP
7979 Hub Parkway	Valley View	OH	44125-5712

Section 17.630 of the regulations provide that a grantee that is a State may elect to make one certification in each Federal fiscal year. A copy of which should be included with each application for FEMA funding. States and State agencies may elect to use a Statewide certification.

I, Paul Dey, hereby sign this form as of 11-06-2009.

<b>APPLICATION FOR FEDERAL ASSISTANCE (SF 424)</b>		<b>2. DATE SUBMITTED</b> 11-30-2009	<b>Applicant Identifier</b>
<b>1. TYPE OF SUBMISSION</b> Construction		<b>3. DATE RECEIVED BY STATE</b> 11-30-2009	<b>State Application Identifier</b>
		<b>4. DATE RECEIVED BY FEDERAL AGENCY</b>	<b>Federal Identifier</b>
<b>5. APPLICANT INFORMATION</b>			
<b>Legal Name</b> Village of Valley View		<b>Organizational Unit</b> Village of Valley View	
<b>Address</b> 6848 Hathaway Road, Valley View, OH 44125-4767		<b>Name and telephone number of the person to be contacted on matters involving this application</b> Paul Dey, 216-642-1130 104	
<b>6. EMPLOYER IDENTIFICATION NUMBER (EIN)</b> 34-6002938	<b>6.a. DUNS NUMBER</b> 837124163	<b>7. TYPE OF APPLICANT</b> Local Government	
<b>8. TYPE OF APPLICATION</b> Project Application		<b>9. NAME OF FEDERAL AGENCY</b> Federal Emergency Management Agency	
<b>10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE</b>		<b>11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT</b> Village of Valley View Pre-Disaster Mitigation Project	
<b>12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.)</b> CUYAHOGA COUNTY			
<b>13. PROPOSED PROJECT:</b> Start Date: End Date :		<b>14. CONGRESSIONAL DISTRICTS OF:</b> a. Applicant OH10 b. Project OH10	
<b>15. ESTIMATED FUNDING</b>		<b>16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?</b> No, Program is not covered by E.O. 12372	
a. Federal	\$ 1,173,600.00		
b. Applicant	\$ 0.00		
c. State	\$ 0.00		
d. Local	\$ 0.00		
e. Other	\$ 391,200.00		
f. Program Income	\$ 0.00		
g. TOTAL	\$ 1,564,800.00		
<b>17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?</b> No			
<b>18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.</b>			
<b>a. Name of Authorized Representative</b> Paul Dey	<b>b. Title</b>	<b>c. Telephone Number</b> 2166421130X104	
<b>d. Signature of Authorized Representative</b> Paul Dey		<b>e. Date Signed</b> 11-30-2009	

