

LEGISLATIVE ID

#110286

Subgrant Project Application

Application Title: NW 22nd St Pre-Disaster Mitigation Project

Subgrant Applicant: City of Gainesville Public Works

Application Number:

Application Year: 2011

Grant Type: Project Application

Address: 405 NW 39th Avenue, Gainesville, FL 32602-0000

Applicant Information

Name of Applicant	City of Gainesville
State	FL
Congressional District	Third
Type of Applicant	Local Government

Legal status, function, and facilities owned:

State Tax Number:

Federal Tax Number:

Other type name:

Federal Employer Identification Number(EIN). If Indian Tribe, this is Tribal Identification Number.

59-6000325

What is your DUNS Number?

010522159 -

Are you the application preparer?

No

Is the application preparer the Point of Contact?

Yes

Is application subject to review by Executive Order 12372 Process?

Is the applicant delinquent on any Federal debt?

No

Explanation:

Contact Information
Point of Contact Information

Title	Mr.
First Name	Stefan
Middle Initial	M
Last Name	Broadus
Title	Engineer I
Agency/Organization	City of Gainesville Public Works
Address 1	405 NW 39th Avenue
Address 2	
City	Gainesville
State	FL
ZIP	32602
Phone	352-393-8406 Ext.
Fax	352-393-7987
Email	broadusm@cityofgainesville.org

Alternate Point of Contact Information

Title	Mr.
First Name	
Middle Initial	
Last Name	
Title	
Agency/Organization	
Address 1	
Address 2	
City	Gainesville
State	
ZIP	
Phone	Ext.
Fax	
Email	

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
FL	125107_Q8M0Z07D3	<u>GAINESVILLE CITY OF</u>	125107	Y	10	125107	3

Enter Community Profile information below.

[Help](#)

The local community of the proposed project includes single family residences with a market value between \$200,000 and \$500,000 according to the Alachua County Property Appraiser. The community is also adjacent to the University of Florida and JJ Finley Elementary School.

Comments

Attachments

State	FL	
Community Name	GAINESVILLE, CITY OF	
County Name	FLORIDA	
County Code	ALACHUA COUNTY	
City Code	125107	
<u>FIPS Code</u>	001	Help
<u>CID Number</u>	125107	Help
<u>CRS Community</u>	Y	
<u>CRS Rating</u>	10	
State Legislative District	125107	
US Congressional District	3	
<u>FIRM</u> or <u>FHBM</u> available?	Yes	
<u>Community Status</u>	PARTICIPATING	Help
Community participates in <u>NFIP</u> ?	Yes	
Date entered in NFIP	08-07-1970	
Date of most recent <u>Community Assistance Visit (CAV)</u> ?	10-01-1991	Help

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? Alachua County FL MJ LMS 2010 Update

What is the type of plan? Local MultiJurisdictional Multihazard Mitigation Plan

When was the current multihazard mitigation plan approved by FEMA? 09-29-2010

Describe how the proposed activity relates to or is consistent with the FEMA-approved mitigation plan.

The mitigation plan states, "The effects of floods can be severe: casualties and physical damages to infrastructure including homes and roadways," as it describes the flooding hazard. This project aims to reduce flooding in an undersized stormwater system as one of its objectives. Additionally, "Severe thunderstorms produce hail the size of a dime or larger and/or winds of 58 miles per hour or greater. The entire [Alachua] County is vulnerable to the damaging winds, hail, flood-producing rain, lightning, wildfires, and tornadoes these storms can produce." This project shall reduce some of damage and danger from these storms by converting the utility poles from overhead to underground.

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
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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? Florida Enhanced Hazard Mitigation Plan 2010 Update

What is the type of plan? Enhanced State Multi-hazard Mitigation Plan

When was the current multihazard mitigation plan approved by FEMA? 08-24-2010

Describe how the proposed activity relates to or is consistent with the State/Tribe's FEMA-approved mitigation plan.

In the Enhanced State Hazard Mitigation Plan 2010, a matrix of hazards for each county are shown. The biggest hazard for Alachua County is hurricanes and Alachua also has a medium risk of flooding. This project looks to alleviate the impact of both of these hazards to this part of the city.

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

To attach documents, click the *Attachments* button below.

Mitigation Activity Information

What type of activity are you proposing?

[Help](#)

103.1 - Feasibility, Engineering and Design Studies
400.1 - Utility Protective Measures (Electric, Gas, etc.)
400.2 - Utility Protective Measures (Residential)
403.1 - Stormwater Management - Culverts

If you selected Other or Miscellaneous, above, please specify:

Title of your proposed activity:

NW 22nd St Pre-Disaster Mitigation Project

Are you doing construction in this project?

Yes

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

Proposed construction includes the overhead to underground conversion of utility lines and the mitigation of any deficiencies found in the stormwater management system.

Attachments:

Problem Description

Please describe the problem to be mitigated. Include the geographic area in your description.

The major source of problems that arise in this area of the City of Gainesville are from flooding and downed power lines during intense storms. By converting the electric distribution lines from overhead to underground, we will be mitigating the safety risk of downed power lines as well as reducing the frequency and duration of power outages. By mitigating the flooding issues in this area, we will also reduce traffic dangers and property damage that can be associated with flooding in this area. This project focuses on an established, middle class neighborhood in one of the core areas of the city. This area has one of the highest rates of downed power lines in the city due to large trees and the age of the infrastructure.

Enter the Latitude and Longitude coordinates for the project area.

Latitude: 29.6565
Longitude: -82.3536
Attachments:

Hazard Information

Select hazards to be mitigated

Coastal Storm, Flood, Hurricane, Severe Storm(s), Tornado, Windstorms

If other hazards, please specify

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

These hazards were selected due to the strong winds and heavy rainfall associated with them and their frequency of occurrence in the area. This project looks to mitigate the effects of the wind and rain by moving the utilities underground and addressing weaknesses in the stormwater system.

Attachments:

[FM12001C0313D \(1\).pdf](#)
[FM12001C0311D \(2\).pdf](#)

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:

12001C0311D and 12001C0313D

Is the project site marked on the map?

Electronic map attached

Select Flood Zone Designation

Area of special flood hazard without water surface elevations determined (A)

Scope of Work

What are the goals and objectives of this activity?

Convert overhead electric distribution lines and other overhead utilities to underground. Address flooding hazards due to deficiencies in stormwater system, including but not limited to undersized pipe network.

Briefly describe the need for this activity.

During high intensity storm events, including hurricanes and tropical storms, the project limits often experience downed power lines and flooding within the roadway.

Describe the problems this activity will address.

Safety issues regarding downed power lines and flooded roadways will be mitigated.

Describe the methodology for implementing this activity.

Overhead to underground conversion will be constructed through utility coordination. Flood mitigation will be designed through a consultant and necessary actions will be implemented through an invitation to bid to local contractors.

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

Attachments:

Enter Work Schedule

Description Of Task	Starting Point	Unit Of Time	Duration	Unit Of Time	Work Complete By
Design	9	MONTHS	7	MONTHS	Lochrane Engineering
Invitation to Bid	16	MONTHS	2	MONTHS	City of Gainesville Public Works
Construction	18	MONTHS	4	MONTHS	TBD General Contractor
Estimate the total duration of the proposed activity:			13	MONTHS	

Properties

Damaged Property Address:

Address line 1 2160 W University Ave W
Address line 2
City Gainesville
County Alachua
State FL
ZIP 32603 - 1740

Owner Information:

First Name JOHN A
Middle Name
Last Name LOOSLI
Home Office
Ext.
Phone Cell Other
Ext.

Owner's Mailing Address:

Address line 1 2148 W University Ave W
Address line 2
Other (PO Box, Route, etc)
City Gainesville
State FL
ZIP 32603 - 1740

Does this property
have other co-owners
or holders of recorded interest?

Y

Co-owner or Owner of Property Interest Information:

First Name DORA O
Middle Name
Last Name LOOSLI
Home Office
Ext.
Phone Cell Other
Ext.

Co-owner's Mailing Address:

Address 1 2148 W University Ave W
Address 2
Other (PO Box, Route, etc)
City Gainesville
State FL
ZIP 32603 - 1740

Comments

Attachments

No attachments Found

Property Information:

Age of structure (year built) 1970

SHPO Review

SHPO Reviewed Date

Structure Type	Single Family
Foundation type	Slab on Grade
Basement	No
Type of Residence	
Parcel Number	14821-000-000
Property Tax Identification Number	
<u>Latitude</u>	
<u>Longitude</u>	
Does this property have an <u>NFIP Policy Number</u>	No
Policy Number	
Insurance Policy Provider	
Select hazard to be mitigated:	Flood, Hurricane, Severe Storm(s), Tornado, Windstorms
Damage Category	0-49% Damaged
<u>Pre-Event Fair Market Value</u>	210,000.00
<u>Benefit Cost Analysis</u> Performed	
<u>Benefit Cost Ratio</u>	
Legal Description	

Property Information II:

* Primary Property Action	Floodproofed
Secondary Property Actions	
Flood Hazard	
<u>Base Flood Elevation</u> (only applicable when Property Action is Elevation)	feet
<u>First Floor Elevation</u> (only applicable when Property Action is Elevation)	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)	feet
Flood Source	Stormwater Runoff
Property located within	
* Is there a <u>Flood Insurance Rate Map (FIRM)</u> available for your project area?	Yes
Is the property site marked on the map?	Yes
* <u>Flood Zone Designation</u> (only applicable when Property Action is Elevation)	

FIRM Information (Flood Maps)

Community Name	CID Number	FIRM Panel Number	Effective Date
GAINESVILLE, CITY OF	125107	FM12001C0313D	06-16-2006

Comments

Attachments

Name	Date Attached
<u>FM12001C0313D.pdf</u>	08-18-2011

Decision Making Process

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

I analyzed existing mitigation plans, history problems in the area, and Benefit Cost Analysis of similar projects in the country. Undergrounding the utilities is a way to address the source of the wind hazard, while pleasing the residents in the area. Underground conversion is something they have requested in the past and are still in favor of. This strategy also has little to no adverse impacts on the environment.

Explain why this project is the best alternative.

This community has some of the greatest potential for losses in the Gainesville area from these hazards. With some of the project located in Floodzone A and with the stormwater system suspected to be inadequate, this area can experience moderate to heavy flooding depending on the event. Any other strategy that does not include addressing the stormwater system, would simply be addressing a symptom and not the source. The overhead utility lines also present problems during storm events from tall trees that span the entire project. The residents have also expressed a strong desire for the utility lines to be moved underground out of concerns for traffic safety. The utility poles lie within a few feet of the southbound lane. Considering these threats and the values of the properties in the area, this project is the best solution to mitigate the wind and rain hazards.

Comments:

Attachments:

103.1 - Feasibility, Engineering and Design Studies

Federal Share: \$ 54,201.30

Item Name	Cost Classification	Unit Quantity	Unit of Measure	Unit Cost (\$)	Cost Estimate (\$)
Overhead to Underground Utility Design	Architectural Engineering Basic Fees	1.00	Each	\$ 61,245.00	\$ 61,245.00
Stormwater System Analysis and Retrofit Design	Architectural Engineering Basic Fees	1.00	Each	\$ 12,000.00	\$ 12,000.00
Total Cost				\$ 73,245.00	

400.1 - Utility Protective Measures (Electric, Gas, etc.)

Federal Share: \$ 879,786.00

Item Name	Cost Classification	Unit Quantity	Unit of Measure	Unit Cost (\$)	Cost Estimate (\$)
Convert Overhead to Underground Utility NW 22 ST	Construction And Project Improvement	2,625.00	Linear Foot	\$ 300.00	\$ 787,500.00
Convert Overhead to Underground Utility NW 5 Ave	Construction And Project Improvement	1,338.00	Linear Foot	\$ 300.00	\$ 401,400.00
Total Cost				\$ 1,188,900.00	

400.2 - Utility Protective Measures (Residential)

Federal Share: \$ 34,040.00

Item Name	Cost Classification	Unit Quantity	Unit of Measure	Unit Cost (\$)	Cost Estimate (\$)
Coordinate Utility Relocation	Relocation Expenses	1.00	Each	\$ 10,000.00	\$ 10,000.00
Convert Residential Utility Meters	Construction And Project Improvement	36.00	Each	\$ 1,000.00	\$ 36,000.00
Total Cost				\$ 46,000.00	

403.1 - Stormwater Management - Culverts

Federal Share: \$ 37,182.74

Item Name	Cost Classification	Unit Quantity	Unit of Measure	Unit Cost (\$)	Cost Estimate (\$)
Construct Curb and Gutter	Construction And Project Improvement	1,338.00	Linear Foot	\$ 25.00	\$ 33,450.00
Remove and Dispose of Existing Curb & Gutter	Construction And Project Improvement	1,338.00	Linear Foot	\$ 12.00	\$ 16,056.00
Install Desilting Pipe	Construction And Project Improvement	203.00	Linear Foot	\$ 3.65	\$ 740.95
Total Cost				\$ 50,246.95	

Total Project Cost Estimate: \$ 1,358,391.95

Match Sources

Activity Cost Estimate	\$ 1,358,391.95	
Federal Share Percentage	73.99999978%	
Non-Federal Share Percentage	26.00000022%	
	Dollars	Percentage
Proposed Federal Share	\$ 1,005,210.04	73.99999978%
Proposed Non-Federal Share	\$ 353,181.91	26.00000022%

Matching Funds

Source Agency	Name of Source Agency	Funding Type	Amount (\$)	Action
Local Agency Funding	City of Gainesville Capital Improvement Plan	Administration	\$ 353,181.91	View Details
		Grand Total	\$ 353,181.91	

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

Attachments

Funding Source	Local Agency Funding
Name of Funding Source	City of Gainesville Capital Improvement Plan
Funding Type	Administration
Amount	\$ 353,181.91
Date of availability	08-01-2011
Funds commitment letter date	
Attachment (funds commitment letter)	

Cost Effectiveness Information

Attach the Benefit Cost Analysis (BCA), if completed for this project

What is the source and type of the problem?

The source of the problems are high intensity rain and wind events including hurricanes, tropical storms, tornadoes, and thunder storms.

How frequent is the event?

The event frequency varies depending on strength of event. This data was taken from Florida Enhanced State Hazard Mitigation Plan 2010, table 3.2:2 to establish the frequency of each storm intensity.

How severe is the damage?

The damage has the potential to be extremely severe. High winds can cause extensive damage to utility line infrastructure and heavy rains can cause damage to private property.

What kinds of property are at risk?

There are several single family residence ranging in value between \$200,000 and \$600,000. JJ Elementary school is also valued at \$10,135,000. These values were taken from the Alachua County Property Appraiser.

Are there better, alternative ways to solve the problem?

There are no alternative ways to SOLVE the problem. There are methods to repair the damage, but no other solutions to the problem have been identified.

Are the mitigation project costs well documented and reasonable?

Yes

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

Please see the attached Benefit Cost Analysis. Estimated BCA = 1.718.

Attachments:

NW 22nd St Reconstruction CBA.pdf

Damage History

Date	Event	Description of Damage	Amount of Damage
		Total Amount of Damage	\$ 0.00

A. National Historic Preservation Act - Historic Buildings and Structures

- * 1. Does your project affect or is it in close proximity to any buildings or structures 50 years or more in age? No

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

The property address and original date of construction for each property affected (unless this information is already noted in the Properties section),

A minimum of two color photographs showing at least three sides of each structure (Please label the photos accordingly),

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:

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.

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.

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.

Attached materials or additional comments.

Comments:

Attachments:

B. National Historic Preservation Act - Archeological Resources

- * 1. Does your project involve disturbance of ground?

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

A description of the ground disturbance by giving the dimensions (area, volume, depth, etc.) and location

The past use of the area to be disturbed, noting the extent of previously disturbed ground.

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:

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.

Attached materials or additional comments.

Comments:

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?

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:

* 2. Does your project remove or affect vegetation?

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?

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:

Attachments:

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?

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?

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:

- * 2. Does the project alter a watercourse, water flow patterns, or a drainage way, regardless of its floodplain designation?

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:

F. Coastal Zone Management Act

- * 1. Is the project located in the State's designated coastal zone?

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

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.

Attached materials or additional comments.

Comments:

Attachments:

G. Farmland Protection Policy Act

* 1. Will the project convert more than 5 acres of "prime or unique" farmland outside city limits to a non-agricultural use?

Comments:

Attachments:

H. RCRA and CERCLA (Hazardous and Toxic Materials)

* 1. Is there a reason to suspect there are contaminants from a current or past use on the property associated with the proposed project?

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

Comments and any relevant documentation.

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.

Attached materials or additional comments.

Comments:

* 2. Are there any studies, investigations, or enforcement actions related to the property associated with the proposed project?

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

Comments and any relevant documentation.

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.

Attached materials or additional comments.

Comments:

* 3. Does any project construction or operation activities involve the use of hazardous or toxic materials?

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

Comments and any relevant documentation.

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.

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?

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

Comments and any relevant documentation.

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.

Attached materials or additional comments.

Comments:

Attachments:

I. Executive Order 12898, Environmental Justice for Low Income and Minority Populations

- * 1. Are there low income or minority populations in the project's area of effect or adjacent to the project area?

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

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:

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.

Attached materials or additional comments.

Comments:

Attachments:

J. Other Environmental/Historic Preservation Laws or Issues

- * 1. Are there other environmental/historic preservation requirements associated with this project that you are aware of?

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?

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?

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

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?

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:

Attachments:

Maintenance Schedule and Costs

Provide a maintenance schedule including cost information	Street sweeping and stormwater system cleaning performed annually and as needed.
Identify entity that will perform any long-term maintenance	Public Works Operations Division
If you would like to make any comments, please enter them below.	The City will perform and fund any maintenance activities associated with the project.
Attach letter from entity accepting performance responsibility	

Evaluation Information (Part 1 of 4)

Is the recipient participating in the Community Rating System (CRS)?

If yes, what is their CRS rating?

Is the recipient a Cooperating Technical Partner (CTP)?

Is the recipient a Firewise Community?

If yes, please provide their Firewise Community number.

Has the recipient adopted building codes consistent with the International Codes?

Has the recipient adopted the National Fire Protection Association (NFPA) 5000 Code?

Have the recipient's building codes been assessed on the Building Code Effectiveness Grading Schedule (BCEGS)?

If yes, what is their BCEGS rating?

Is the recipient a Disaster Resistant University?

Is the recipient a Historically Black College or University or a Tribal College or University?

Evaluation Information (Part 2 of 4)

Describe the desired outcome and methodology of the mitigation activity in terms of mitigation objectives to be achieved.

Describe performance expectations and timeline for interim milestones and overall completion of mitigation activity.

Describe how you will manage the costs and schedule, and how you will ensure successful performance.

Describe the staff and resources needed to implement this mitigation activity and the applicant's ability to provide these resources.

If applying for multiple mitigation activities, how do these activities relate?

Evaluation Information (Part 3 of 4)

How will this mitigation activity leverage involvement of partners to enhance its outcome?

How will this mitigation activity offer long-term financial and social benefits?

How does this mitigation activity comply with Federal laws and Executive Orders, and how is it complementary to other Federal programs?

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?)?

Evaluation Information (Part 4 of 4)

Please provide the percent of the population benefiting from this mitigation activity.

Please explain your response.

Net Present Value of Project Benefits (A)

\$

Total Project Cost Estimate (B)

\$

What is the Benefit Cost Ratio for the entire project (A/B)?

Analysis Type

What is the primary hazard data used for the BCA?

What secondary hazards were considered during the BCA?

Other Secondary Hazard

Does this mitigation activity protect a critical facility?

If yes, please select the type of critical facilities to be protected

Comments:

Name

Date Attached

Comments and Attachments			
Name of Section	Comment	Attachment	Date Attached
Mitigation Activity Information	Proposed construction includes the overhead to underground conversion of utility lines and the mitigation of any deficiencies found in the stormwater management system.		
Hazard Information	These hazards were selected due to the strong winds and heavy rainfall associated with them and their frequency of occurrence in the area. This project looks to mitigate the effects of the wind and rain by moving the utilities underground and addressing weaknesses in the stormwater system.	FM12001C0313D (1).pdf	08-16-2011
		FM12001C0311D (2).pdf	08-16-2011
Cost Effectiveness Information	Please see the attached Benefit Cost Analysis. Estimated BCA = 1.718.	NW 22nd St Reconstruction CBA.pdf	08-17-2011
Maintenance Schedule and Costs	The City will perform and fund any maintenance activities associated with the project.		
Property - 2160 W University AVE W Gainesville 32603		FM12001C0313D.pdf	08-16-2011

Assurances and Certifications

Please click the link in the status column to view forms.

Forms

Status

Part II: FEMA Form 20-16B, Assurances Construction Programs.

Incomplete

Part II: FEMA Form 20-16C, Certifications Regarding Lobbying; Debarment, Suspension and Other Responsibilities Matters; and Drug-Free Workplace Requirements.

Incomplete

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.)

Incomplete

**APPLICATION FOR
FEDERAL ASSISTANCE
(SF 424)**

1. TYPE OF SUBMISSION
Construction

2. DATE SUBMITTED

Applicant Identifier

3. DATE RECEIVED BY STATE

State Application Identifier

4. DATE RECEIVED BY FEDERAL
AGENCY

Federal Identifier

5. APPLICANT INFORMATION

Legal Name
City of Gainesville

Organizational Unit
City of Gainesville Public Works

Address
405 NW 39th Avenue,
Gainesville, FL 32602

Name and telephone number of the person to
be contacted on matters involving this
application
Stefan Broadus, 352-393-8406

6. EMPLOYER IDENTIFICATION NUMBER (EIN)
59-6000325

6.a. DUNS NUMBER
010522159

7. TYPE OF APPLICANT
Local Government

8. TYPE OF APPLICATION
Project Application

9. NAME OF FEDERAL AGENCY
Federal Emergency Management Agency

10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE

11. DESCRIPTIVE TITLE OF APPLICANT'S
PROJECT
NW 22nd St Pre-Disaster Mitigation Project

12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.)
ALACHUA COUNTY

13. PROPOSED PROJECT:

Start Date:

End Date :

14. CONGRESSIONAL DISTRICTS OF:

a. Applicant FLThird

b. Project FLThird

15. ESTIMATED FUNDING

a. Federal

\$ 1,005,210.04

b. Applicant

\$ 0.00

c. State

\$ 0.00

d. Local

\$ 353,181.91

e. Other

\$ 0.00

f. Program Income

\$ 0.00

g. TOTAL

\$ 1,358,391.95

16. IS APPLICATION SUBJECT TO REVIEW BY
STATE EXECUTIVE ORDER 12372 PROCESS?
No, Program has not been selected by state for
review

17. IS THE APPLICANT DELINQUENT ON ANY
FEDERAL DEBT?
No

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.

a. Name of Authorized Representative

b. Title

c. Telephone Number

d. Signature of Authorized Representative

e. Date Signed