

### THIS SECTION FOR STATE USE ONLY

FEMA- -DR-FL

☐ Standard HMGP

☐ 5% Initiative Application

☐ Application Complete

☐ Initial Submission or

☐ Re- Submission

Support Documents

☐ Conforms w/ State 409 Plan

☐ In Declared Area

☐ Statewide P

Eligible Applicant

☐ State or Local Government

☐ Private Non-Profit (Tax ID Received)

☐ Recognized Indian Tribe or Tribal Organization

Project Type(s)

☐ Wind

☐ Flood

☐ Other:

Community NFIP Status: (Check all that apply)

☐ Participating Community ID#: \_\_\_\_\_

☐ In Good Standing

☐ Non-Participating

☐ CRS

LMS Ranking: \_\_\_\_\_

County: \_\_\_\_\_

State Application ID: \_\_\_\_\_

This application is for all Federal Emergency Management Agency (FEMA Region IV) Hazard Mitigation Grant Program (HMGP) proposals. Complete ALL sections and provide the documents requested. If you require technical assistance, contact the Florida Division of Emergency Management at [DEM\\_HazardMitigationGrantProgram@em.myflorida.com](mailto:DEM_HazardMitigationGrantProgram@em.myflorida.com).

## Section I – Applicant

**A. Applicant Instruction:** Complete all sections that correspond with the type of proposed project

***Application Sections I-IV:***

*All Applicants must complete these sections*

***Environmental Review:***

*All Applicants must complete these sections*

***Maintenance Agreement:***

*Any Applications involving public property, public ownership, or management of property*

***Flood Control – Drainage Improvement Worksheet:***

*Acquisition, Elevation, Dry Flood Proofing, Drainage Improvements, Flood Control Measures, Floodplain and Stream Restoration, and Flood Diversion*  
**– one worksheet per structure**

***Generator Worksheet:***

*Permanent, portable generators, and permanent emergency standby pumps*

***Tornado Safe Room Worksheet:***

*New Safe Room, Retrofit of existing structure, Community Safe Room, Residential Safe Room*

***Hurricane Safe Room Worksheet:***

*New Safe Room, Retrofit of existing structure*

***Wind Retrofit Worksheet:***

*Wind Retrofit projects only – one worksheet per structure*

***Wildfire Worksheet:***

*Defensible Space, Hazardous Fuels Reduction, Ignition Resistant Construction, other*

***Drought Worksheet:***

*Aquifers, other*

***Request for Public Assistance Form:***

*FEMA Form 90-49 (Request for Public Assistance): All applicants must complete, if applicable.*

***Acquisition Forms:***

*If project type is Acquisition, these forms must be completed.*

*(Only one of the two Notice of Voluntary Interest forms is necessary.)*

*Model Statement of Assurances for Property Acquisition Projects*

*Declaration and Release*

*Notice of Voluntary Interest (Town Hall Version)*

*Notice of Voluntary Interest (Single Site Version)*

*Statement of Voluntary Participation*

*FEMA Model Deed Restriction Language*

**Application Completeness  
Guidance / Checklist :**

All applicants are recommended to complete this checklist and utilize the guidance for completing the application.

**B. Applicant Information:**

FEMA-4834-DR-FL      PID #: PID-150408  
City of North Port, Fixed Weir 120 Replacement,  
Flood Mitigation

**Title of Project:** Flood Mitigation

1. Applicant (Organization): City of North Port

2. Applicant Type: Municipality

3. County: Sarasota

4. State Legislative Senate District(s): 23      State Legislative House District(s): 74      Congressional House District(s): 17

5. Federal Tax I.D. Number: 596072227

6. Unique Entity ID (UEI): 039567821

7. Federal Information Processing Standards (FIPS) Code\*: 115-49675-00

8. National Flood Insurance Program (NFIP) Community Identification Number:  
(this number can be obtained from the FIRM map for your area) 120279

9. Point of Contact: (Applicant staff serving as the coordinator of project)


First Name: Anthony      Last Name: Friedman  
Title: City Engineer  
Address: 1000 N Chamberlin Blvd  
City: North Port      State: FL      Zip Code: 34286-4100  
Telephone: 941-240-8050      Email: afriedman@northportfl.gov

10. Application Prepared by:

First Name: Michael      Last Name: Davey  
Title: Grants Coordinator  
Address: 4970 City Hall Boulevard  
City: North Port      State: FL      Zip Code: 34286-4100  
Telephone: 9414684644      Email: mdavey@northportfl.gov  
Organization: City of North Port

11. Authorized Applicant Agent (proof of authorization authority required)

First Name: Michael      Last Name: Davey  
Title: Grants Coordinator  
Address: 4970 City Hall Boulevard  
City: North Port      State: FL      Zip Code: 34286-4100  
Telephone: 9414684644      Email: mdavey@northportfl.gov

Signature:  Michael Davey  
Date: 7/24/2025

**12. Local Mitigation Strategy (LMS) Compliance**

- a. All proposed projects must be included in the county's Local Mitigation Strategy (LMS) Project List, and on file with FDEM's Mitigation Bureau Planning Unit. Does your jurisdiction have a current FEMA Approved Mitigation Plan and this project is listed? ☒ Yes ☐ No
- b. Attached is a letter of endorsement for this project from the county's LMS Coordinator. ☒ Yes ☐ No

- c. The LMS project list and endorsement letter both have an estimated cost column and Federal Share amount that is within \$500.00 between the two. ☒ Yes ☐ No
13. Has this project been submitted under a previous disaster event? ☒ No ☐ Yes, provide the disaster number and project number (as applicable):

## Section II – Project Description

### A. Hazards to be Mitigated / Level of Protection

- Select the type of hazards the proposed project will mitigate: Riverine Flood; Severe Storm None
- Identify the type of proposed project: Flood Risk Reduction None
- List the total number of persons that will be protected by the proposed project  
(include immediate population affected by the project only): 7400
- List how many acres of “Total Impacted Area” is to be protected by the proposed project  
(include immediate area affected by the project only): 1460
- Fill in the level of protection and the magnitude of event the proposed project will mitigate.  
(e.g. 23 structures protected against the 100-year storm event (1% chance) Approximately 2,452 structures for a 500-year storm event.  
Water Quality; Floodplain; Toxic or Hazardous Substances; Potential for Cumulative Impacts; Health & Safety
- Check **all** item(s) the project may impact: Impacts; Health & Safety
- Engineered projects:** If your project has been already designed and engineering information is available, attach to your application **ALL** calculations, H&H study and design plans (e.g. Drainage Improvement, Erosion Control, or other special project types).

### B. Project Description, Scope of Work, and Protection Provided (Must be Completed in Detail)

Describe, in detail, the existing problem, the proposed project, and the scope of work. Explain how the proposed project will **solve** the problem(s) and provide the level(s) of protection described in Part A. Also, if available, attach a vendor’s estimate and/or a contractor’s bid for the scope of work. **Ensure that each proposed project is mitigation and not maintenance.**

- Describe the existing problems:

When a fixed weir in North Port, Florida’s stormwater management system fails during a major tropical storm, significant flooding can occur. The weir normally regulates water levels and flow in the canal system, preventing downstream flooding and managing storm runoff. If it fails—due to structural damage or overtopping from excessive rainfall—water surges uncontrolled through the system. This can lead to rapid rises in canal levels, overwhelming banks and flooding nearby neighborhoods, roads, and infrastructure. Without the weir’s control, downstream areas may also face erosion, sediment displacement, and environmental damage. Additionally, drainage from streets and properties may back up, compounding the flooding. Emergency response becomes critical to protect public safety, while long-term consequences include costly repairs, potential water quality issues, and disruption to local ecosystems. Such failures highlight the importance of resilient infrastructure in storm-prone regions like North Port.

- Describe the type(s) of protection that the proposed project will provide:

Replacing a fixed weir with a gated water control structure in North Port, Florida significantly enhances stormwater management and flood protection. Unlike fixed weirs, which allow only passive flow, water control structures can be actively adjusted to manage varying water levels and storm intensities. During heavy rainfall or tropical storms, gates or valves can be opened to release excess water in a controlled manner, reducing the risk of canal overtopping and neighborhood flooding. This flexibility also allows for better drainage of streets and properties, minimizing damage and disruption. In dry conditions, the structure can retain water to support groundwater recharge and maintain ecological balance. Additionally, the system improves water quality by regulating flow rates and reducing erosion and sediment transport. Overall, replacing a fixed weir with a gated water control structure increases resilience to extreme weather, protects public and environmental health, and offers more responsive, adaptive water management in a storm-prone region.

- Scope of Work (describe in detail what you are planning to do):

The scope of work includes the removal of an existing fixed weir and the installation of a new adjustable water control structure in the same location within the stormwater canal system. Activities will involve site preparation, demolition of the current weir, excavation as needed, and construction of the new structure, including gates for flow regulation. Additional work includes erosion control measures, concrete work, and

restoration of disturbed areas. The new structure will enhance flood mitigation by allowing real-time water level management during storm events. All work will comply with local, state, and federal environmental regulations and permitting requirements for HMGP funding eligibility.

### Section III – Project Location *(Fully describe the location of the proposed project.)*

#### A. Site

- Describe the physical location of this project, including street numbers (or neighborhoods) and project site zip code(s). Provide precise longitude and latitude coordinates for the site utilizing a hand-held global positioning system (GPS) unit or the equivalent:

Junction of the Snover and Blue Ridge Waterways near the intersection of Tripoli Street and Langtree Avenue, City of North Port, Sarasota County, FL.

2. Title Holder	Address	Zip Code	GPS coordinates (decimal degree format):	
City of North Port			27.075733	-82.200777

- Is the project site seaward of the Coastal Construction Control Line (CCCL)? ☒ No ☐ Yes
- Provide the number of each structure type (listed below) in the project area that will be affected by the project. Include **all** structures in project area.

Residential property:	2600	Public buildings:	6
Businesses/commercial property:	20	Schools/hospitals/houses of worship	0
Other:	3		

#### B. Flood Insurance Rate Map (FIRM) Showing Project Site

1. Attach one (1) copy of the FIRM map, a copy of the panel information from the FIRM, and, if available, the Floodway Map. <b>FIRM maps are required for this application (if published for your area). Also, all attached maps must have the project site and structures clearly marked on the map.</b> FIRMs are typically available from your local floodplain administrator who may be located in a planning, zoning, or engineering office. Maps can also be ordered from the Map Service Center at 1-800-358-9616. For more information about FIRMs, contact your local agencies or visit the FIRM site on the FEMA Web-page at <a href="https://msc.fema.gov/portal">https://msc.fema.gov/portal</a> .
2. Using the FIRM, determine the flood zone(s) of the project site (Check all zones in the project area) (See FIRM legend for flood zone explanations) (A Zone must be identified)
3. <b>If the FIRM Map for your area is not published</b> , attach a copy of the Flood Hazard Boundary Map (FHBM) for your area, with the project site and structures clearly marked on the map.
4. Attach a copy of a Model Acknowledgement of Conditions for Mitigation in Special Flood Hazard Area

#### C. Maps with Project Site and Photographs

- Attach a copy of a city or county scale map (large enough to show the entire project area) with the project site and structures marked on the map.
- Attach a USGS 1:24,000 TOPO map with project site **clearly** marked on the map.
- For **acquisition** or **elevation** projects, include copy of Parcel Map (Tax Map, Property Identification Map, etc.) showing each property to be acquired or elevated. Include the Tax ID numbers for each parcel, and Parcel information – including year built and foundation.
- Attach photographs (at a minimum 4 photographs) for each project site per application. The photographs should be representative of the project area, including any relevant streams, creeks, rivers, etc. and drainage areas that affect the project site or will be affected by the project, and labeled. For each structure, include the following angles: front, back and both sides.



## **Section IV – Budget/Costs**

In order to assist applicants with filling out the following Budget section, we have provided the following instructions for your convenience. For this section, we ask that you provide details of all the estimated costs of the project, as it is used for the benefit-costs analysis as well as for the feasibility and effectiveness review.

For the cost sections relating to Materials, Labor, and Fees, it is important to note,

- Lump sums without supporting documentation showing a breakdown of those costs are not acceptable. For those items that will not fit in the spaces provided, attach the appropriate documentation to your application.
- Identify your match sources in sections B and I.
- Sub-Total cells will auto sum the costs in their respective columns.
- Do not factor management costs into parts A-C. If management costs are being requested, see part G.
- Contingency Costs need to be justified and reported as a separate line item in part E of this section. From left to right in that part, enter the desired percentage (maximum 5% of Material/Labor), the amount the percentage is to be applied to, and the resulting amount. PLEASE NOTE- These cells will not auto-calculate across the row, but the final cell will be calculated into the Final Project Cost below it. Take care that everything is calculated correctly.
- Pre-Award Costs: costs must be identified as a separate line item, AND a completed HMGP Pre-Award Cost Request Form MUST be submitted with this application, detailing the items/cost and requested start date.
- Mark all In-kind (donated) services with (\*\*); In-house (employee) services with (\*\*\*), per each line item.
- All funding sources (In-kind, In-house, Global Match, and Other Agencies) must be identified (below) AND identified on the Funding Sources - Section IV I.

For project management costs, in compliance with Disaster Relief and Recovery Act of 2018 (DRRA) and the subsequent FEMA Interim Policy #104-11-1, the Florida Division of Emergency Management has included a section for applicants to request, or refuse, project management funds that are available to them. Under this new policy, HMGP projects awarded under disasters declared on or after August 1, 2017, are eligible for project management costs up to 5 percent of their total project costs.

Applicants choosing to apply for this funding must detail the specific administrative costs in Part G of this section. These costs must be eligible administrative costs, conforming to the requirements set in 2 CFR Part 200 Subpart E. Applicants must ensure that their administrative costs are reasonable, allowable, allocable, and necessary for the performance of the federal award.

The State will allot these management costs on a project-by-project basis per the amount requested by the sub-recipient, up to 5 percent of the total project cost. A sub-recipient may request less than this, but no higher. These management costs will be considered a separate pool of funding, and WILL NOT affect a project's benefit-cost analysis.

Management costs will be reimbursed per reimbursement request, and no more than 5 percent of any given reimbursement request amount. All management costs reimbursements will be contingent upon adequate documentation from the sub-recipient.

Management costs will be reimbursed at 100 percent of the amount of management costs requested, so far as they are adequately documented and are no more than 5 percent of the request. Any unused management costs at closeout following the final payment will be de-obligated. If the final total project cost results in an under-run, management costs will be reduced accordingly.

Applicants must make the determination to request or refuse management costs at the time of formal application submittal. The State will accept the initial determination from the applicant. There will be no recourse from the State for applicants wishing to change their initial determination after the application has been formally submitted.

Budget	
Name	Amount
Pre-Award Costs	\$0.00
Contingency	\$183,816.30
Fees	\$850,050.00
Labor	\$1,107,900.00
Material	\$1,718,426.00
<b>Subtotal</b>	<b>\$3,860,192.30</b>
Subrecipient Management Costs	\$88,960.00
<b>Total</b>	<b>\$3,860,192.30</b>

#### A. Funding Sources (round figures to the nearest dollar)

**The maximum FEMA share for HMGP projects is 75%.** The other 25% can be made up of State and Local funds as well as in-kind services. HMGP funds may be packaged with other Federal funds, but other Federal funds (except for Federal funds that lose their Federal identity at the State level, such as CDBG, and certain tribal funds) may not be used for the Non-Federal share of the costs.

Funding Sources		
Federal	Amount	Percent
Estimated Federal Share	\$2,895,144.22	74.999999 87%
Non-Federal Funding Share		
Cash	\$965,048.08	25.000000 13%
In-Kind		0%
In-House		0%
Global Match		0%
Other Agency Share		
		0%
<b>Total</b>	<b>\$3,860,192.30</b>	<b>100%</b>

#### B. Project Milestones/Schedule of Work

List the major milestones in this project by providing an estimated time-line for the critical activities not to exceed a period of 3 years (36-months) of performance. *(e.g. Contracting, Designing, Engineering, Permitting, Inspections, closeout, etc.)*

Milestones			
Name	Start Date	Target Completion Date	
State and Local Contracting -			
Construction Plan /Technical Specifications -			
Bidding / Local Procurement -			
Permitting -			
Construction / Installation -			
Local Inspections / Compliance -			
State Final Inspections / Compliance -			

**Section V. Environmental Review and Historic Preservation Compliance****(NOTE: This application cannot be processed if this section is not completed.)**

Because the HMGP is a federally funded program, all projects are required to undergo an environmental and historic preservation review as part of the grant application process. Moreover, all projects must comply with the National Environmental Policy Act (NEPA) and associated Federal, State, Tribal, and Local statutes to obtain funding. **NO WORK can be done prior to the NEPA review process. If work is done on your proposed project before the NEPA review is completed, it will NOT be eligible for Federal funding.**

**A. The following information is required for the Environmental and Historic Preservation review:**

All projects must have adequate documentation to determine if the proposed project complies with NEPA and associated statutes. The State Environmental Staff provide comprehensive NEPA technical assistance for Applicants, with their consent, to complete the NEPA review. The type and quantity of NEPA documents required to make this determination varies depending upon the project's size, location, and complexity. However, at a minimum, provide the applicable documentation from this section to facilitate the NEPA compliance process.

1. ☒ Detailed project description, scope of work, and budget/costs (Section II and Section IV of this application).
2. ☒ Project area maps (Section III, part B & C of this application).
3. ☒ Project area/structure photographs (Section III, part C of this application).
4. ☐ Preliminary project plans.
5. ☐ Project alternatives description and impacts (Section V of the application).
6. ☐ Complete the applicable project worksheets.  
Documentation showing dates of construction are required for all structures.
7. ☐ Environmental Justice – Provide any applicable information or documentation regarding low income or minority populations in the project area. See Section V.B of this application for details.
8. ☐ Provide any applicable information or documentation referenced on the *Information and Documentation Requirements by Project Type* below.

**B. Executive Order 12898; Environmental Justice for Low Income and Minority Population:**

1. Are there low income or minority populations in the project area or adjacent to the project area?

☐ No ☒ Yes; describe any disproportionate and adverse effects to these populations:

According to the HUD Block-Grant Planning App, the area to be mitigated includes to neighborhoods that are LMI, one 61% and one 60.4%.

Overall, the area is 41% LMI, or approximately 3000 people. All of whom will benefit from the project.

2. ☐ To help evaluate the impact of the project, explain below or attach any other information that describes the population, or portion of the population, that would be either disproportionately or adversely affected. Include specific efforts to address the adverse impacts in your proposal narrative and budget.

This will have no negative affect but a net positive effect for all neighborhoods adjacent and/or affected by the mitigation measures.

**C. Tribal Consultation (Information Required)**

Section 106 of the National Historic Preservation Act (NHPA) requires federal agencies to take into account the effect of their undertakings on historic properties. The NHPA requires that agencies must complete this process prior to the expenditure of any Federal funds on the undertaking. A Tribal Consultation is required for any project disturbing ground or moving soil, including but not limited to: drainage projects; demolition; construction; elevation; communication towers; tree removal; utility improvements.

1. Describe the current and future use of the project location. A land use map may be provided in lieu of a written description.

It is currently a Fixed Weir at the junction of the two canals as part of the existing stormwater system. After conversion to a full water control structure, it will have the same use, but be much more resilient and effective.

2. Provide information on any known site work or historic uses for project location.

There are none.

- ☒ Attach a copy of a city or county scale map (large enough to show the entire project area) with the horizontal limits (feet) and vertical depths (square feet) of all anticipated ground disturbance of 3 inches or more.

#### **D. Alternative Actions (Information Required)**

The NEPA process requires that at least two alternative actions be considered that address the same problem/issue as the proposed project. In this section, list **two feasible** alternative projects to mitigate the hazards faced in the project area. One alternative is the "No Action Alternative".

##### **1. No Action Alternative**

Discuss the impacts on the project area if no action is taken.

In the no-action alternative, the existing structure remains in place. Due to the age and design of the structure as a fixed weir, it will not offer the City the ability to control and direct water through the canal system potentially leading to flooding that would have otherwise been preventable. The structure has exceeded its design life and is subject to degradation and potential structure failure that could overwhelm the stormwater system and lead to flooding. Costly rehabilitation projects would need to be planned in place of the structure replacement to attempt to increase the life span of the existing structure.

##### **2. Other Feasible Alternative**

Describe a feasible alternative project that would be the next best solution if the primary alternative is not accomplished. This could be an entirely different mitigation method or a significant modification to the design of the current proposed project. Include a Scope of Work, engineering details (if applicable), estimated budget and the impacts of this alternative. Complete *all* of parts a-e (below).

###### **a. Project Description for the Alternative**

Describe, in detail, the alternative project, and explain how the alternative project will solve the problem(s) and/or provide protection from the hazard(s). Also, provide pros and cons for this alternative and a reason for why it was not selected.

Replacement of the water control structure in-kind, with a fixed weir rather than upgrading the structure to a gated water control structure. This replacement structure would have the same effect of the structure lifespan and resiliency and prevent structural failure, but would not offer the City flexibility to direct water through the canal system, taking away the ability to avoid overwhelming parts of the stormwater system and associated flooding. This alternative is preferred over the "No Action Alternative", but still provides limited improvements to the existing system.

###### **b. Project Location of the Alternative (describe briefly, if different from proposed project)**

Same as proposed project.

- ☐ Attach a map or diagram showing the alternative site in relation to the proposed project site (*if different from proposed project*)

###### **c. Scope of Work for Alternative Project**

The water control structure 120 would still be replaced, but would be replaced with a fixed weir, similar to the existing structure, rather than a gated water control structure.

###### **d. Impacts of Alternative Project**

Discuss the impact of this alternative on the project area. Include comments on these issues as appropriate: Environmental Justice, Endangered Species, Wetlands, Hydrology (Upstream and Downstream Surface Water Impacts), Floodplain/Floodway, Historic Preservation and Hazardous Materials.

Replacing the existing structure in-kind would provide drainage similar to the existing condition. The structure would function as it does today, but no improvements would be made and therefore, no mitigation

###### **e. Estimated Budget/Costs for Alternative Project**

In this section, provide details of all the estimated costs of the alternative project (round figures to the nearest dollar). A lump sum budget is acceptable.

\$2,358,853.00

## Section VI – Maintenance Agreement

All applicants whose proposed project involves the retrofit or modification of existing public property or whose proposed project would result in the public ownership or management of property, structures, or facilities, must first sign the following agreement prior to submitting the application to FEMA.

(NOTE: Not applicable to projects solely related to residential or private property.)

City of North Port hereby agrees that if it receives any Federal aid as a result of the attached project application, it will accept responsibility, at its own expense if necessary, for the ***routine*** maintenance of any real property, structures, or facilities acquired or constructed as a result of such Federal aid. Routine maintenance shall include, but not be limited to, such responsibilities as keeping vacant land clear of debris, garbage, and vermin; keeping stream channels, culverts, and storm drains clear of obstructions and debris; and keeping detention ponds free of debris, trees, and woody growth.

The purpose of this agreement is to make clear the Sub-recipient's maintenance responsibilities following project award and to show the Sub-recipient's acceptance of these responsibilities. It does not replace, supersede, or add to any other maintenance responsibilities imposed by Federal law or regulation and which are in force on the date of project award.

Signed by Michael Davey the duly authorized representative  
*(printed or typed name of signing official)*

Grants Coordinator  
*(title)*

This twenty-fourth day of July, 2025

Signature\*  Michael Davey

***\*Note: The above signature must be by an individual with legal signing authority for the respective local government or county (e.g., the Chairperson, Board of County Commissioners or the County Manager, etc.)***

## Attachment Index

Use the following template to list any supporting documentation that is **included on the CD or flashdrive**. Clearly and concisely label each attachment on this form to correspond with the file name on the CD or flashdrive. In the first column list which section and item (from the HMGP application) the attachment refers to. *Example: Section 2, Item 1.* **If any required documentation is not included on the CD or flashdrive, the application will be considered incomplete and will not be considered for possible funding.**

Attached Document Name
<ol style="list-style-type: none"> <li>1. Budget Workbook-FW 120 BUDGET Workbook.xlsx</li> <li>2. City or County Scale Map-FW 120 Scale Map.pdf</li> <li>3. FIRM Map-WCS 120 FEMA FIRM Map.pdf</li> <li>4. Ground Disturbance Map-WCS 120 Disturbed Area Map.pdf</li> <li>5. LMS Endorsement Letter-HurricaneMilton_LMS-HMGP-endorsement-FEMA-4834DR-FL_20250714.pdf</li> <li>6. Original Signed Application-authorizing-agent-approval-formFW120Signed.pdf</li> <li>7. Project Photograph-Fixed Weir 120 Conversion Pictures.pdf</li> <li>8. Project Photograph-Hurricane Ian Structure Flooding.pdf</li> <li>9. Project Worksheet-floodcontrol-drainageworksheet_v2FW120SIGNED.pdf</li> <li>10. Proof of Authorization Authory-Delegation of Signing Authority.pdf</li> <li>11. Scope of Work-Fixed Weir 120 Replacement.pdf</li> <li>12. USGS 1:24-FL_Murdock_20230728_TM_geoFW120.pdf</li> <li>13. USGS 1:24-FW 120 Topo Detail.png</li> </ol>



**Section IV. Budget/Costs****FEMA-4834-DR (FL)**

This section, provide details of all the estimated costs of the project. As this information is used for the Benefit-Cost Analysis, reasonable cost estimates are essential. Pre-Award Costs, Construction Management, and any Contingency (maximum 5%) need to be reported as separate line items.

**All cost categories rounded to the nearest dollar (no cents).**

**A. Materials:** All Material to be utilized to complete project (includes acquisition of property)

<u>Item</u>	<u>Unit</u>	<u>Qty</u>	<u>Cost / Unit</u>	<u>Cost</u>
<b>Signage</b>	EA	3	\$1,667.00	\$5,001.00
<b>Access Drive and Construction Entrance</b>	LS	1	\$50,000.00	\$50,000.00
Silt Fence	LF	895	\$3.00	\$2,685.00
Floating Turbidity Barrier	LF	405	\$40.00	\$16,200.00
Hot Rolled Steel Sheet Pile	SF	5300	\$151.64	\$803,692.00
Riprap with Filter Fabric	TN	1812	\$143.00	\$259,116.00
FDOT #57 Stone	TN	56	\$160.00	\$8,960.00
Class IV Concrete	CY	50	\$3,000.00	\$150,000.00
Reinforcing steel	LB	6900	\$2.00	\$13,800.00
5 x 5 Bottom-Up 316L Stainless Steel Slide Gate	EA	2	\$57,466.00	\$114,932.00
Electrical Panel, Service, Lighting, Outlets, and Pull Boxes	LS	1	\$150,000.00	\$150,000.00
Aluminum Reinforced Grate Catwalk and Handrails	LS	1	\$130,000.00	\$130,000.00
Chainlink Fence and Gate	LF	60	\$234.00	\$14,040.00
<b>Sub-Total</b>				<b>\$1,718,426.00</b>

**B. Labor:** Only include labor hours/costs for implementing. Indicate all In-house labor(\*\*\*), or In-kind-donated labor (\*\*).

<u>Description of Task</u>	<u>Unit</u>	<u>Qty</u>	<u>Rate</u>	<u>Cost</u>
Phase I -	Hours			\$0.00
Phase I -	Hours			\$0.00
Phase I -	Hours			\$0.00
Phase I -	Hours			\$0.00
<b>Phase I ONLY- Sub-total</b>			<b>\$0.00</b>	
Mobilization	Hour	1867	\$150.00	\$280,050.00
Site Clearing and Preparation	Hour	200	\$150.00	\$30,000.00
Survey Stakeout	Hour	100	\$150.00	\$15,000.00
Best management Practices	Hour	33	\$150.00	\$4,950.00
Demolition of Existing Structure	Hour	1000	\$150.00	\$150,000.00
Excavation, Embankment, and Grading	Hours	800	\$150.00	\$120,000.00
Dewatering	Hours	3333	\$150.00	\$499,950.00
Permanent Bronze Benchmark	Hours	17	\$150.00	\$2,550.00
Restoration Sodding	Hours	36	\$150.00	\$5,400.00
<b>Non-Phased or Phase II - Sub-total</b>			<b>\$1,107,900.00</b>	
<b>Sub-Total</b>				<b>\$1,107,900.00</b>

**C. Fees Paid** Include any other costs associated with the project.

<u>Description of Task</u>	<u>Qty</u>	<u>Rate</u>	<u>Cost</u>
<b>Phase I - Pre-Award with start date of _/_/_</b>			<b>\$0.00</b>
			\$0.00
General			\$0.00
Phase I -			\$0.00
Phase I -			\$0.00
Phase I -			\$0.00
Phase I -			\$0.00
<b>Phase I ONLY- Sub-total</b>		<b>\$0.00</b>	
<b>Non-Phased - Pre-Award with start date of _/_/_</b>			<b>\$0.00</b>
Phase I - Professional Engineering Services	3667	\$150.00	\$550,050.00
General Contractor OH&P + Fees	1667	\$150.00	\$250,050.00

Permitting and Inspection	333	\$150.00	\$49,950.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
			\$0.00
<b>Non-Phased or Phase II - Sub-total</b>		<b>\$850,050.00</b>	
<b>Sub-Total</b>			<b>\$850,050.00</b>

<b>D.</b>	<b>Sub-Total Estimated Project Cost</b>		<b>\$3,676,376.00</b>
<b>E.</b>	<i>Contingency Costs (max 5%) Phase I</i>	0.000%	\$0.00
	<i>Contingency Costs (max 5%) Non-Phased or Phase II</i>	5.000%	\$3,676,376.00
	<b>Total Contingency Costs (maximum 5%)</b>		<b>\$183,818.80</b>

<b>F.</b>	<b>Final Estimated Project Costs</b>		<b>\$3,860,194.80</b>
	<b>Phase I Subtotal</b>	\$0.00	
	<b>Non-Phased or Phase II Subtotal</b>	\$3,860,194.80	
		<b>\$3,860,194.80</b>	

Note: Backup source documentation is required to support costs

Comments:

	<b>Federal</b>	<b>Project Cost</b>
Federal Share Percentage Requesting (per LMS)	75.000000000%	
Sub-Recipient Federal Amount and Project Cost Endorsed by LMS	\$ 3,000,000.00	\$ 4,000,000.00
FEMA Approval 00/00/00		

**G. Sub-Recipient Management Costs**

Based on the amount of federal share being requested in Part F, your project is eligible for up to an additional 5% of the project costs for Sub-Recipient Management Costs. Please indicate below whether or not you would like to request these funds and follow the directions for your selected choice. In addition a Request Form is Required.

**Total Estimated Project Costs (Budget F.)** **\$ 3,860,194.80**

**Total Estimated SR Management Costs Available** (5% of Total Project Costs) **\$ 193,009.74**

*Note: This number will be generated automatically after Budget line items are completed*

☒ **YES** I would like to request these funds (please fill out the itemized table below, then continue to Part I)\*

☐ **NO** I do not wish to request these funds. (continue to Part I)\*

	<u>Descriptions of SRMC</u>	<u>Qty</u>	<u>Rate</u>	<u>Cost</u>
	<b>Non-Phased or Phase II SRMC</b> (per SRMC Request Form)			
1	<b>SRMC Application development (Non-Phased Pre-Award)</b>			
2	Pre-Award - Personnel (Sub-Recipient In-House)	100	\$160.00	\$16,000.00
3	Pre-Award - Contractual Services			\$0.00
4	<b>Personnel (Sub-Recipient In-House)</b>	456	\$160.00	\$72,960.00
5	<b>Contractual Services</b>			\$0.00
6	<b>Indirect Costs</b>			\$0.00
	<b>Sub-Total of Non-Phased or Phase II SRMC</b>			<b>\$88,960.00</b>

**H.** **Total Estimated SRMC Requested** **\$88,960.00**  
Difference **\$104,049.74**

**Note:** By selecting either "yes" or "no" the Sub-Applicant / Sub-Recipient is acknowledging that they understand what is being offered to them as it is described in this application.

All costs must be reasonable, allowable, allocable, and necessary as required by 2 CFR Part 200 Subpart E, applicable program regulations, and HMA Guidance (2015)

Maximum SRMC:	<b>\$193,009.74</b>
---------------	---------------------

**I. Funding Sources** (round figures to the nearest dollar)**FEMA-4834-DR (FL)**

**The maximum FEMA share for HMGP/HMA projects is 75%.** The other 25% can be made up of State and Local funds as well as in-kind services. Moreover, the FMA program requires that the maximum in-kind match be no more than 12.5 % of the total projects costs. HMGP/FMA funds may be packaged with other Federal Funds, but other Federal funds (except for Federal funds which lose their Federal identity at the State level - such as CDBG, ARS, HOME) may not be used for the State or Local match.

1	<b>Estimated FEMA Share</b>	<u>\$ 2,863,231.72</u>	<u>75.000000000%</u>	% of Total	(maximum of 75%)
2	<b>Non-Federal Share</b>				
3	Estimated Local Share	<u>\$ 954,410.58</u>	<u>25.000000000%</u>	% of Total	(Cash)
4		<u>\$ -</u>	<u>0.000000000%</u>	% of Total	(In-Kind**)
5		<u>\$ -</u>	<u>0.000000000%</u>	% of Total	(In-House***)
6		<u>\$ -</u>	<u>0.000000000%</u>	% of Total	(Global Match****)
7	<b>Other Agency Share</b>	<u>\$ -</u>	<u>0.000000000%</u>	% of Total	
	(Identify Other Non-Federal Agency and availability date)				Amounts
				\$	-
				\$	-
8	<b>Total Funding</b>	<u>\$ 3,860,194.80</u>	<u>100.00%</u>	<b>Total %</b>	(should equal 100%)

\*\* Identify proposed eligible activities directly related to project to be considered for In-Kind (donated) services

\*\*\* Identify proposed eligible activities directly related to project to be considered for In-House services

\*\*\*\* Separate project applications must be submitted for each project (Global) Match project.

Global Match Project # and Title: \_\_\_\_\_

9	<b>Total Estimated SR Management Costs</b>	<b>Requested</b>	<u>\$ 88,960.00</u>		
		<b>Available</b>	<u>\$ 193,009.74</u>		
			\$104,049.74	5% of Total	(Max Allowed)

If negative amount - revise SR Mgmt Costs

**J. Project Milestones/Schedule of Work**

List the major milestones in this project by providing an estimate time-line for the critical activities not to exceed a period of 36-month of performance. (e.g. **Designing, Engineering, Permitting, etc.**)

<b>Milestone</b>	<b>Number of Months to Complete</b>	
State and Local Contracting	4	Months
Construction Plan /Technical Specifications	8	Months
Bidding / Local Procurement	3	Months
Permitting	3	Months
Construction / Installation	12	Months
Local Inspections / Compliance	1	Months
State Final Inspections / Compliance	2	Months
Closeout Compliance	3	Months
	<b>36</b>	<b>Total Months</b>

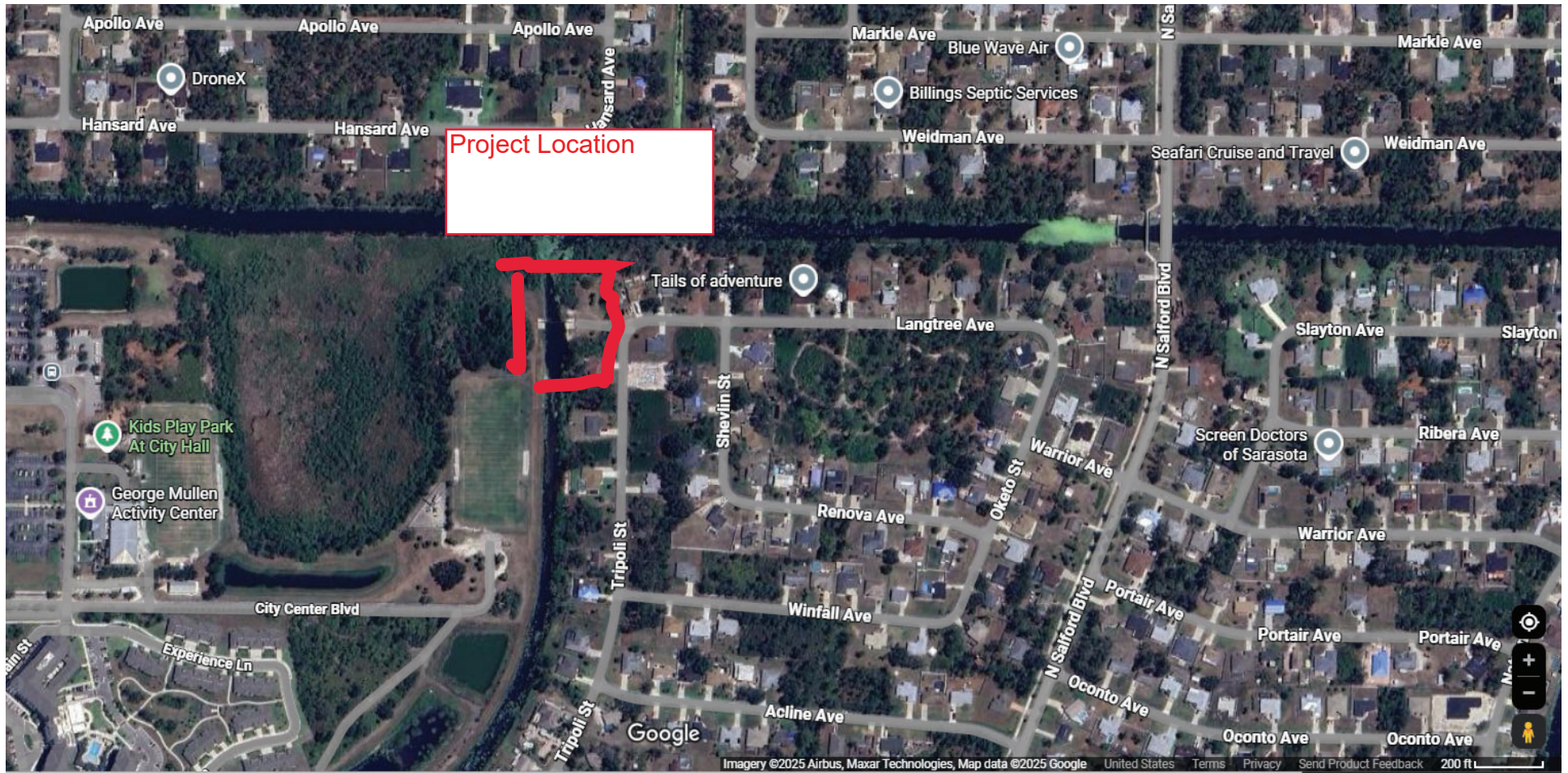
**OR**

Reviewed and approved by PM: \_\_\_\_\_

8/14/2025 10:40 AM

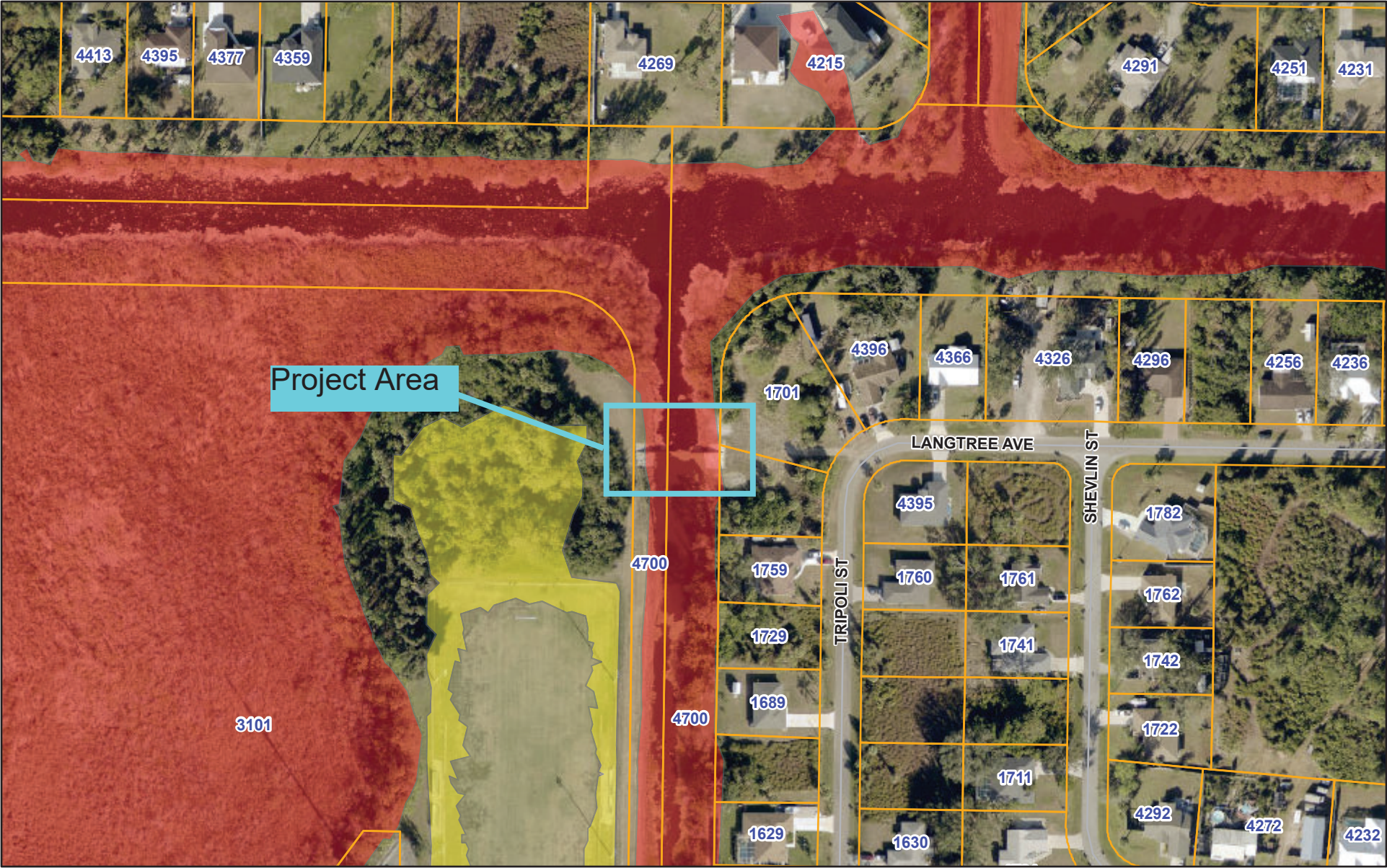
<b>Milestone</b>	<b>Number of Months to Complete</b>	
Phase I - State and Local Contracting	3	Months
Phase I - Bidding / Local Procurement	3	Months
Phase I - Design Specifications	3	Months
Phase I - Permitting	3	Months
Phase I - Compliance - Deliverables submittal to FDEM	6	Months
	<b>18</b>	<b>Total Ph I Months</b>
Phase II - State and Local Contracting	4	Months
Phase II - Construction Plan /Technical Specifications	2	Month
Phase II - Bidding / Local Procurement	3	Months
Phase II - Construction / Installation	12	Months
Phase II - Local Inspections / Compliance	3	Months
Phase II - State Final Inspections / Compliance	3	Months
Phase II - Closeout Compliance	3	Months
	<b>30</b>	<b>Total Ph II Months</b>
	<b>48 Total Project Months</b>	





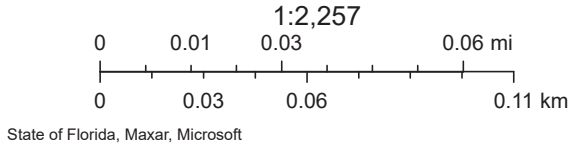


# Current Effective FEMA Flood Map

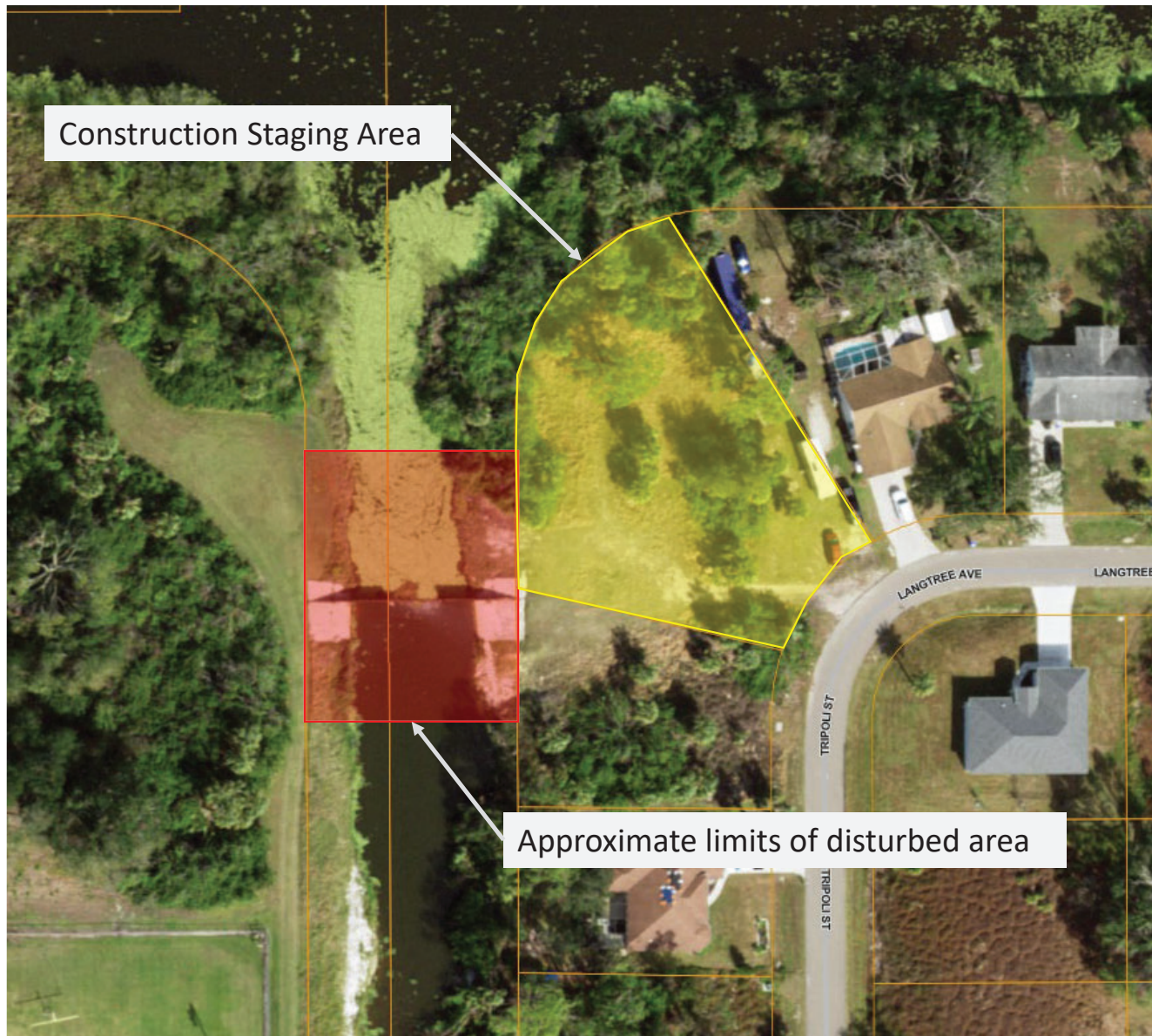


6/25/2025, 5:23:25 PM

Property Information  
FEMA Flood Maps Nov 4, 2016  
Zone AE - High risk flood zone which is a special flood hazard area (SFHA) with a 1% annual chance of flooding (100-year flood). Base flood elevation determined.  
Zone X (No Color) - Areas determined to be outside the 0.2% annual chance floodplain. THIS AREA HAS NO POP-UP INFORMATION. AND Zone X (Yellow) - Areas of 0.2% annual chance of flood; areas of 1% annual chance flood with average depths of less than









July 15, 2025

Laura Dhuwe, Mitigation Bureau Chief  
Florida Division of Emergency Management  
2555 Shumard Oak Boulevard  
Tallahassee, Florida 32399-2100

Re: Hazard Mitigation Grant Program (HMGP) applications for FEMA 4834-DR-FL, Hurricane Milton

Dear Ms. Dhuwe:

The Sarasota County Local Mitigation Strategy (LMS) Working Group has approved by vote and prioritized the following projects for HMGP funding from this disaster. These projects align with our LMS goals and objectives as noted, and with the State's mitigation goals and objectives (in accordance with the Code of Federal Regulations 44 §201.6).

The Sarasota County LMS Working Group therefore presents the projects listed below in the order that they are to be considered for funding.

#### **FEMA 4834-DR-FL Hurricane Milton**

##### **Sarasota County LMS Projects / Milton**

Rank	Jurisdiction	Project Title	Federal Share	Local Match	LMS Goal / Objective
1	Sarasota County Public Hospital Board	Sarasota Memorial Hospital, Generator Automatic Transfer Switches at SMNRC	\$ 375,000.00	\$ 125,000.00	Goal 2 / Objective 1
2	City of Venice	City of Venice, Flamingo Ditch Flood Mitigation	\$ 750,000.00	\$ 250,000.00	Goal 2 / Objective 1
3	Town of Longboat Key	Town of Longboat Key, Purchase of 7 Emergency Sewer By-pass Pumps	\$ 315,000.00	\$ 105,000.00	Goal 2 / Objective 1
4	City of North Port	City of North Port, Water Control System 120	\$ 3,000,000.00	\$ 1,000,000.00	Goal 2 / Objective 1
5	Sarasota County (BOCC)	Sarasota County, Celery Fields, Expansion	\$ 17,326,167.94	\$ 5,775,389.32	Goal 2 / Objective 1
6	City of Sarasota	City of Sarasota, City-Wide Curb and Gutter Installation Project	\$ 7,500,000.00	\$ 2,500,000.00	Goal 2 / Objective 1
7	Englewood Fire District	Englewood Fire District Fire, Station 71 Enhanced, Construction	\$ 3,000,000.00	\$ 1,000,000.00	Goal 2 / Objective 1
8	Town of Longboat Key	Town of Longboat Key, Small-Scale Distribution Main, Replacement	\$ 922,500.00	\$ 307,500.00	Goal 2 / Objective 1
9	City of North Port	City of North Port, Fire Station 83, Hardening	\$ 1,125,000.00	\$ 375,000.00	Goal 2 / Objective 1
10	City of North Port	City of North Port, Fire Station 84, Hardening	\$ 1,462,500.00	\$ 487,500.00	Goal 2 / Objective 1
11	City of Sarasota	City of Sarasota, Bay Front Park, Sea Wall Protection	\$ 2,250,000.00	\$ 750,000.00	Goal 2 / Objective 1
12	Sarasota County (BOCC)	Sarasota County, Southgate Regional Lift Station, Expansion	\$ 3,750,000.00	\$ 1,250,000.00	Goal 2 / Objective 1
13	Ringling Museum	Ringling Museum, Campuswide Distributed Generation System	\$ 6,412,500.00	\$ 2,137,500.00	Goal 2 / Objective 1
SubTotal			<b>\$ 48,188,667.94</b>	<b>\$ 2,137,500.00</b>	

For further information, please contact the undersigned at [stapfumaneyi@scgov.net](mailto:stapfumaneyi@scgov.net) or (941) 861-5713.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sandra Tapfumaneyi', with a stylized flourish at the end.

Sandra Tapfumaneyi  
Chair, Sarasota County LMS Working Group  
Chief of Emergency Management, Sarasota County

Cc:

Jonathan Lewis  
Richard Collins  
Mike Nevarez  
LMS Working Group



## MITIGATION BUREAU HAZARD MITIGATION GRANT PROGRAM

### AUTHORIZING AGENT APPROVAL

For those entities applying for the Hazard Mitigation Grant Program (HMGP), assurance is needed to ensure that non-federal funds are, or will be, secured for the proposed action by the project start date. An Authorizing Agent's signature is needed to provide this. An Authorizing Agent is the chief elected official of a local government who has signature authority, such as a Chairperson of the Board of County Commissioners for a County, the Mayor of a municipality, or an elected Board Member for a private non-profit. Any entity may delegate this authority to a subordinate official by resolution of the governing body. If this is the case, Proof of Authorization must be provided as a separate attachment in Section VI of the relevant HMGP application in DEMES. This form must be fully completed, signed, and submitted into DEMES for an application to be received by FDEM. Applicants will be prompted for this form in the final step of the DEMES HMGP application. Ensure that the information provided here matches the relevant DEMES application. For questions, please email [DEM\\_HazardMitigationGrantProgram@em.myflorida.com](mailto:DEM_HazardMitigationGrantProgram@em.myflorida.com).

#### PROJECT INFORMATION

APPLICANT (ENTITY): City of North Port  
COUNTY: Sarasota  
FEMA DISASTER: Milton  
PROJECT TITLE: Fixed Weir 120 Replacement  
TOTAL PROJECT COST: 3,860,194.80  
FEDERAL SHARE: 2,862,231.72  
NON-FEDERAL SHARE: 954,410.58

#### AUTHORIZING AGENT

FIRSTNAME: Michael  
LAST NAME: Davey  
TITLE: Grants Coordinator  
ADDRESS: 4970 City Hall Blvd  
CITY: North Port  
STATE: Florida  
ZIP CODE: 34286  
PHONE: 941-468-4644  
EMAIL: mdavey@northportfl.gov

The undersigned assures fulfillment of all requirements of the Hazard Mitigation Grant Program, as contained in the program guidelines, and affirms that all information contained in this application is true and correct to the best of my knowledge. The governing body of the applicant duly authorized the document, and hereby applies for the assistance documented in this application.

Michael Davey

 Digitally signed by Michael Davey  
Date: 2025.07.22 12:31:32 -04'00'

AUTHORIZING AGENT SIGNATURE

Click or tap here to enter text.

DATE

☒ Proof of Authorization – Delegation of Authority attached in Section VI



# Fixed Weir 120 Conversion Pictures



**Fixed Weir 120 North West**





**Fixed Weir 120 North**



**Fixed Weir 120 North East**



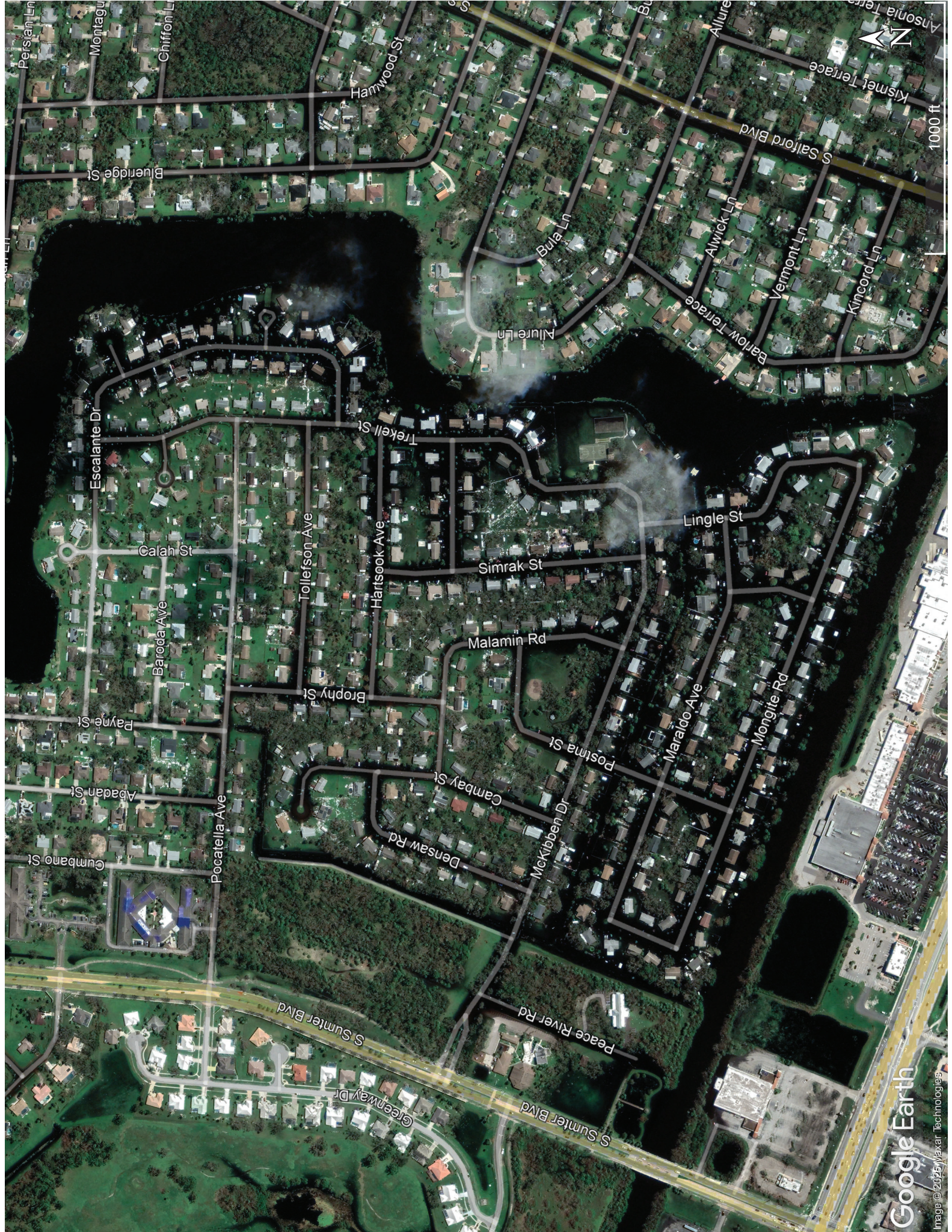


**Fixed Weir 120 South West**



**Fixed Weir 120 South East**









## Flood Control – Drainage Improvement Worksheet

For preliminary Benefit Cost Analysis conducted by the State Mitigation Technical Team

Applies for the following mitigation activities: **FLOOD CONTROL – DRAINAGE IMPROVEMENT (FLOOD RISK REDUCTION) projects which include drainage improvements, roadway/bridge elevation, flood protection measures for utility systems, floodplain and stream restoration, flood diversion, flood diversion and storage measures, and non-localized flood risk.** For assistance, contact the State of Florida Mitigation Technical Unit.

**IMPORTANT:** This worksheet is required as part of your application. The State of Florida Mitigation Technical Unit will conduct a Benefit Cost Analysis (BCA) for your project and the following information is needed to evaluate cost effectiveness. Once a preliminary BCA is completed, the reviewer will contact you to collect support documentation.

**NOTE:** A complete worksheet will expedite the Technical Review.

### Requirements

To complete a successful project application, a minimum amount of technical information is required for review. Data collected in this worksheet will provide reviewers with preliminary information necessary to evaluate project eligibility, feasibility, and cost effectiveness. Carefully review and confirm that you are aware of the following information.

All flood risk reduction projects must clearly define the level of protection the project provides and shall be designed in strict compliance with Federal, State and Local applicable Rules and Regulations. It is recommended that the sub-applicant consult a professional engineer to assist in preparing the application, as many of the documentation requirements are technical in nature. An engineer will be required for design and implementation. Initial funds may be obtained to produce detailed designs of the project (Phase 1) for further FEMA review and approval prior to construction (Phase 2).

Proposed flood risk reduction projects must be for the purpose of increasing risk reduction capabilities of the existing structures and cannot constitute only repairs. Additionally, they must demonstrate that the project will not have negative impacts upstream or downstream of the project area. Localized flood risk reduction projects may not constitute a section of a larger flood control system.

*I confirm that I have reviewed the requirements listed above (signature):*

Michael Davey Digitally signed by Michael Davey  
Date: 2025.07.24 14:45:01 -04'00'

For additional resources, please refer to [FEMA Technical Review Job Aid](#) for Flood Risk Reduction projects.

### Section I – Project General Information

<b>Project Name:</b> Fixed Weir 120 Replacement with Gated Water Control Structure	<b>Worksheet completed by:</b> <b>Name:</b> Michael Davey <b>Title:</b> Grants Coordinator <b>Phone:</b> 941-468-4644 <b>Email:</b> mdavey@northportfl.gov
<b>Sub-Applicant:</b> City of North Port	

### Section II – Project Cost Information

<b>Mitigation Project Cost:</b> \$3,860,194.00 estimate	<b>Annual Maintenance Cost:</b> \$42,000
--	---





# MITIGATION

## Flood Control – Drainage Worksheet

### Section III – Project Specific Information

Project location:	Junction of the Snover and Blue Ridge Waterways, City of North Port, Sarasota, County. 27.075733, -82.200777	
Type of mitigation measures you are proposing for this project: (Select all that apply)		
<input checked="" type="checkbox"/> Drainage Improvements (Stormwater Management)	<input type="checkbox"/> Flood Protection Measures for Utility Systems	<input type="checkbox"/> Floodplain and Stream Restoration
<input type="checkbox"/> Roadway/Bridge Elevation	<input checked="" type="checkbox"/> Flood Diversion and Storage Measures	<input type="checkbox"/> Non-Localized Flood Risk Reduction
<input checked="" type="checkbox"/> Other (provide a brief description):		
Are you proposing a Phased or Non- Phased flood control project?	<input type="checkbox"/> Phased Project	<input checked="" type="checkbox"/> Non-Phased Project
Does the proposed project include land purchasing?	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes (provide brief explanation): <div></div>

### Section IV – Historical Damage Information

A flood control project is expected to reduce floods risks to several facilities, including buildings, roads, and utilities. The following sub-sections provide guidance to better identify the benefits (avoided losses) that are expected with the implementation of the proposed project, using information from past flooding events.

#### 1. Roadway/Bridges Loss of Function

Will the proposed project mitigate the loss of service due to past flood events at a roadway or bridge?	<input checked="" type="checkbox"/> Yes, complete Table 1 below. <input type="checkbox"/> No, continue to Sub-section 2 - Historical Damage Information
---	--

**Table 1.** The table below allows for listing the road(s) and/or bridge(s) that have been impacted by flood events. Please complete the information requested on each column using the best available information. If additional structures need to be listed, please attached a document with the information requested below.

Road/Bridge Location	Storm Name	Date of Flood Event	Estimated One- Way Traffic Trips per Day	Additional Reroute Time (hrs./days)	Additional Miles for Reroute	Road/Bridge Closure Duration (hrs./days)
Price Boulevard over Blueridge	Ian	9/27/2022	9,661 (westbound)	14 minutes	6.5 miles	Approx. 60 days



### Section IV – Historical Damage Information (continued)

#### 2. Building Damages

Will the proposed project reduced physical damages and/or displacement costs to residential and/or non-residential buildings?

☒ Yes, complete Table 2 below.

☐ No, continue to Sub-section 3 - Historical Damage Information

**Table 2.** The table below allows for listing the location of residential and/or nonresidential building(s) that have experienced flood damages in the past and are expected to benefit from the proposed project. Please complete the information requested on each column using the best available information. If additional structures need to be listed, please attached a document with the information requested below.

❓ Property Location (address)	❓ Storm Name	❓ Date of Flood Event	❓ Flood Depth Above Finished Floor (ft.)	❓ Documented Losses (\$)	❓ If people trapped, how long? (hrs.)
4338-4689 Mongite Road (38 structures)	Hurricane Ian	9/27/22	Various	Not Available	Not Available
5615-5699 Bliffert Street (7 structures)	Hurricane Ian	9/27/22	Various	Not Available	Not Available
4321-4688 Malraldo Avenue (34 structures)	Hurricane Ian	9/27/22	Various	Not Available	Not Available
5630-5670 Postma Street (4 structures)	Hurricane Ian	9/27/22	Various	Not Available	Not Available
5650-5666 Orpha Street (3 structures)	Hurricane Ian	9/27/22	Various	Not Available	Not Available
5600-5662 Lingle Street (8 structures)	Hurricane Ian	9/27/22	Various	Not Available	Not Available
4338-4808 McKibben Drive (19 structures)	Hurricane Ian	9/27/22	Various	Not Available	Not Available
5271-5493 Trekell Street (19 structures)	Hurricane Ian	9/27/22	Various	Not Available	Not Available
4243-4384 Hokan Avenue (7 structures)	Hurricane Ian	9/27/22	Various	Not Available	Not Available
4229-4406 Hartsook Avenue (9 structures)	Hurricane Ian	9/27/22	Various	Not Available	Not Available
5390-5470 Malamin Road (5 structures)	Hurricane Ian	9/27/22	Various	Not Available	Not Available
4844-5162 Escalante Drive (33 structures)	Hurricane Ian	9/27/22	Various	Not Available	Not Available
4902 Trekell Street (1 structure)	Hurricane Ian	9/27/22	Various	Not Available	Not Available
4926-4950 Kira Ct (4 structures)	Hurricane Ian	9/27/22	Various	Not Available	Not Available



### Section IV – Historical Damage Information (continued)

#### 3. Avoided Emergency Management Costs

Has the City incurred on any expenses attending the emergencies during past events that would be avoided with the implementation of the proposed project?

- ☒ Yes, complete Table 3 below.  
☐ No, continue to Sub-section 4 - Loss of Critical Function

**Table 3.** The table below allows for identifying expenses incurred by the sub-applicant attending emergencies related to the flood risks being mitigated. Please complete the information requested on each column using the best available information. If additional structures need to be listed, please attached a document with the information requested below.

? Emergency Location	? Date of Flood Event	? Emergency Expense Description	? Cost of Emergency Expense (\$)
City of North Port	Hurricane Ian	FEMA Cat A and Cat B: Fire, PD, Public Works, Utilities, EOC	\$270,194.00 est

#### 4. Loss of Critical Function

Will the proposed project reduce the loss of function of a critical facility?

- ☐ Yes, complete the Tables 4.1, 4.2, 4.3, 4.4, and 4.5, as applicable.  
☒ No, continue to Section V - Professional Expected Damages

Please complete the tables below, as applicable. If additional facilities are impacted, please attach a separate table with the complete list of structures with the responses to the columns below

**Table 4.1 Fire Station**

? Property Location (Address)	? Date of Flood Event	? Population served by the Station	Does the Station provide EMS*?	? Address of the nearest fire station	Address of the nearest fire station with EMS*	? Loss Of Service/Function Duration (hrs./days)
			-Select-			
			-Select-			

\*EMS: Emergency Medical Services

**Table 4.2 Police Station**

? Property Location (Address)	? Date of flood event	? Population served by the Station	How many police officers work or report to this police station?	? How many police officers have a designated office space at this police station?	? Loss Of Service/Function Duration (hrs./days)



## Section IV – Historical Damage Information (continued)

**Table 4.3 Hospital**

❓ Property Location (Address)	❓ Date of flood event	❓ How many people are being served by this hospital?	Provide the address of the nearest hospital capable of providing the same type of service:	❓ How many people are being served by the nearest hospital capable of providing the same type of service?	❓ Loss Of Service/Function Duration (hrs./days)

**Table 4.4 Utility**

❓ Property Location (Address)	❓ Date of flood event	❓ Type of Utility	❓ Number of customers directly served by the utility system:	❓ Loss Of Service/Function Duration (hrs./days)
		- Select -		
		- Select -		
		- Select -		

**Table 4.5 Other Critical Facility Type**

❓ Property Location (Address)	❓ Date of flood event	Provide a brief explanation on why it is considered a critical facility	❓ Facility Annual Operational Budget	❓ Loss Of Service/Function Duration (hrs./days)



# MITIGATION

## Flood Control – Drainage Worksheet

### Section V – Professional Expected Damage Information

Complete the tables below if a preliminary or final H&H study is available. Using your H&H results, please provide before and after mitigation data based on the modeled scenarios:

Professional Expected Damages BEFORE Mitigation					
Property Location (address)	Recurrence Interval	Estimated Structural Damage (\$)	Estimated Content Damage (\$)	Displacement Cost (\$)	Road Closures (hrs.)

Professional Expected Damages AFTER Mitigation					
Property Location (address)	Recurrence Interval	Estimated Structural Damage (\$)	Estimated Content Damage (\$)	Displacement Cost (\$)	Road Closures (hrs.)



### **Section VI – Additional Information**

*Please use this page to expand on the information provided above or to include any additional information relevant to the proposed mitigation project.*

The complete replacement of Fixed Weir 120 with a gated water control structure would provide greater control of flood waters through the Blueridge Waterway. While these improvements do not guarantee protection from future flooding, they will provide the City with another means to control the system and redirect water away from these 191+ vulnerable structures near the Blueridge Waterway.

Current estimate of City-wide Cat B, Cat A costs for Hurricane Ian are approximately \$46,585,209 (Debris, Fire, Police, PW, EOC. Estimated population of area of HISTORICAL flooding downstream from the proposed project (see picture "Hurricane Ian Structure Flooding.pdf") is 215 homes with 516 residents. The population in this area is approximately 5.8% of the total City population of 95,000. Estimated cost to City for Cat A, Cat B and EOC for this area of HISTORICAL flooding (Ian) is thus \$270,194. This does not include the damage costs to the houses themselves, but one estimate would be \$90,000 per house or \$19,350,000. The total number of structures in the entire area to be mitigated is 2,452, with an approximate population of 7,400. There is a Fire Station (HQ), Police Station (HQ) and City Hall in the mitigation area, although they did not sustain loss of service from Ian.

Total Impacted Area is an area South of Snover Waterway, North of Cocoplum Waterway, between Sumter and Salford avenues. Estimated number of persons in this area is 7,400. Estimated number of acres is 1460. These numbers include the areas directly affected by Hurricane Ian. Total number of structures is estimated to be 2,452 for a 500-year storm event.



# MITIGATION

## Flood Control – Drainage Improvement Worksheet

### FLOOD CONTROL – DRAINAGE IMPROVEMENT WORKSHEET INSTRUCTIONS

Refer to the instructions below to complete the Flood Control – Drainage Improvement Mitigation Worksheet using the best available data.

#### Section I – Project General Information

**Project Name:** Enter the name of the project title. The title should be short but descriptive (e.g., City of Orlando, Basin 3 Floodgate, Drainage).

**Sub-Applicant:** Enter your organization's legal name.

**Worksheet completed by:** Enter name, title, phone number, and email of the person completing this Worksheet. This person must have the knowledge and/or the resources to accurately answer all questions and provide supporting documentation, as needed. Information may come from multiple creditable sources.

#### Section II – Project Cost Information

**Mitigation Project Cost:** Enter the total cost of the project. A lump sum on this worksheet is acceptable for preliminary BCA, but a detailed breakdown attached to your application is required.

**Annual Maintenance Cost:** Enter the cost associated with maintaining the effectiveness of the components installed as part of the proposed mitigation project.

#### Section III – Project Specific Information

**Project Location:** Provide a clear delineation of areas disturbed to construct the project, including potential off-site areas such as spoils disposal locations. For multiple locations, please provide information on Section VIII of this worksheet.

**Type of mitigation proposed:** A flood control project can include a combination of multiple mitigation activities. From the options provided, please check all the mitigation actions that apply to your project.

- Drainage Improvements (Stormwater Management): Stormwater management is defined as efforts to reduce the impact of increased runoff that results from new development in a watershed. Stormwater management projects include the construction, installation or modification of culverts, drainage pipes, pumping stations, floodgates, bioswales, detention and retention basins, and other stormwater management facilities.
- Roadway/Bridge Elevation: Mitigation measures to provide flood protection and stabilization measures for roads and bridges.
- Flood Protection Measures for Utility Systems: Mitigation actions to provide flood protection for water and sanitary sewer systems or other utility systems.

- Flood Diversion and Storage Measures: Flood diversion and storage projects are climate resilient mitigation actions. These projects involve diverting floodwaters from a stream, river or other body of water into a wetland, floodplain, canal, pipe, or other conduit (e.g., tunnels, wells) and storing them in aboveground reservoirs, floodplains, wetlands, green infrastructure elements or other storage facilities that allow for a controlled release to reduce the peak flows and velocities to mitigate flooding.
- Floodplain and Stream Restoration: These projects restore and enhance the floodplain, stream channel and riparian ecosystem's natural function. They provide baseflow recharge, water supply augmentation, floodwater storage, terrestrial and aquatic wildlife habitat by restoring the site's soil, hydrology and vegetation conditions that mimic the pre-development, or pre-alteration natural channel/floodplain connectivity. Floodplain and stream restoration projects typically encompass the restoration of the stream's active channel and streambanks, as well as the adjacent floodplain and riparian zones.
- Non-Localized Flood Risk Reduction: Non-localized flood risk reduction measures are those actions or projects that lessen the frequency or severity of flooding and decrease predicted flood damage within an area that is hydraulically linked or connected to a drainage basin that is regional in scale. These projects reduce flood hazards in areas larger than those of localized flood risk reduction projects and may include but are not limited to: The construction, demolition or rehabilitation of dams and weirs. Construction or modification of dikes, levees, floodwalls, seawalls, groins, jetties, breakwaters and stabilized sand dunes. Large-scale channelization of a waterway.
- Other: There are additional types of flood mitigation projects that do not fall under the categories listed on this section. Please describe the proposed mitigation project.

**Are you proposing a Phased or Non-Phased flood control project?** Please check the type of project that applies to your application.

- Phased Project: Allow for development of a Hydrology and Hydraulic (H&H) study to ensure feasibility and effectiveness. Phased projects may include but are not limited to surveying, engineering, design, plans preparation, permitting and bidding for the proposed project, for Phase II approval. No construction activities for this project have been approved.
- Non-Phased: Non-phased projects must be fully designed and compliant with EHP requirements.

**Does the proposed project include land purchasing?** Please specify if your project includes the purchasing of any





# MITIGATION

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property/land necessary to complete the project (e.g., purchasing of a lot to build a new pond) and provide a brief explanation.

### Section IV – Historical Damage Information

#### 1. ROADWAY/BRIDGES LOSS OF FUNCTION:

**Road/Bridge Location:** Please enter the address of the road/bridge that will benefit from this project.

**Storm Name:** Enter the name given to the natural hazard event when damage occurred.

**Date of Flood Event:** Enter the date of the historical flood event.

**Estimated One-Way Traffic Trips per Day:** Enter the total number of one-way daily trips. Daily one-way traffic trips can be estimated by roadside counters and tolls, or by estimates from State, county, parish, borough, township, or other local departments of transportation or public works agencies, or highway engineers. Estimates of daily one-way traffic trips can be obtained in writing from the relevant entity or person competent to determine the traffic count. The estimates should be dated and signed, be provided on the letterhead of the estimating official, and include the assumptions used in determining the estimated number of trips.

**Additional Reroute Time to Avoid Flooded Area (hrs./days):** Enter the estimated time, in hours or days, for taking a reroute to avoid the flooded area. Documentation sources could be online mapping services or from estimates from State, county, parish, borough, township, or other local departments of transportation or public works agencies, or highway engineers. For road or bridge losses that do not have an available detour, the number of daily trips is still based on the number of one-way trips, but the Additional Time per One-Way Trip should be 12 hours. Documentation should show clearly that no detour is available.

**Number of Additional Miles for Reroute:** Enter the number of additional miles when taking a reroute. Additional miles may be obtained using online mapping services, scaling the distance on a highway map, or by driving the detour route and using the vehicle odometer. Speed limit data can be obtained by a field visit. Both distance and speed limit data can be provided in writing from county, parish, borough, township, or other local departments of transportation and public works agencies, or highway engineers. The estimate should be dated and signed and be provided on the letterhead of the estimating official.

**Road/Bridge Closure Duration (hrs./days):** If the bridge/roadway has experienced closures in the past due to flooding events, enter the time, in hours or days, the roadway/bridge was closed.

#### 2. BUILDING DAMAGES

**Property Location:** Enter the location of the residential or non-residential building for the associated damages being provided.

**Storm Name:** Enter the name given to the natural hazard event when damage occurred.

**Date of Flood Event:** Enter the date of historical flood event.

**Flood Depth Above Finish Floor (feet):** Provide an estimate of the flood depth above the Finish Floor. This information can be obtained from claims, damage assessment, high water marks, photos, etc.

**Documented Losses (\$):** Enter the estimated cost, in dollars, of the losses documented for the property due to the flooding event. The losses can include physical damages to the structure, content damages and/or the displacement cost experienced by the residents. Damage costs may be documented with Insurance claims, receipts from repair of flood damages, FEMA Public Assistance Worksheets, photos, property owner affidavit or other relevant source.

**If people trapped, how long (hrs.)?** Provide the duration, in hours, the residents were trapped due to the flooding event.

#### 3. AVOIDED EMERGENCY MANAGEMENT COSTS

**Emergency Location:** Provide the location (address) where the emergency management costs were incurred.

**Date of Event:** Enter the date of historical flood event.

**Emergency Expense Description:** Describe any additional expenses incurred by the City or County while attending the emergency during the historic damage event. Documented expenses may include but are not limited to renting portable generators, chillers, sewage truck rental to clean up spills, overtime paid to personnel to attend the emergency, etc.

**Expense Cost (\$):** Enter the total cost of the additional expenses incurred by the County or City.

#### 4. LOSS OF CRITICAL FUNCTION: A flood control project is expected to reduce floods risks to several facilities, including buildings, roads, and utilities. The following subsections provide guidance to better identify the benefits (avoided losses) that are expected with the implementation of the proposed project.

##### 4.1. FIRE STATION

**Property Location:** Provide the location of the critical facility for the associated damages being provided.

**How many people are served by the Fire Station?** Enter the number of people served by the fire station. If only one fire station serves the entire population of a community, that number may be used. For larger communities with multiple fire stations, only the population directly served by the station being mitigated can be used. Documentation for the service population can come from the fire station, local planning office, or other creditable source.



# MITIGATION

## Flood Control – Drainage Improvement Worksheet

**Does the fire station provide Emergency Medical Services (EMS)?** Select “Yes” if the fire station provides EMS or has EMS trained personnel; Otherwise, select “No”.

**Provide the address of the nearest fire station:** The nearest fire station would serve as an alternative station to provide fire protection due to loss of function of the fire station being mitigated.

**Provide the address of the nearest fire station with EMS:** The nearest fire station would serve as an alternative station to provide EMS and fire protection due to loss of function of the fire station being mitigated. (If the nearest fire station also provides EMS, please provide same address).

**Loss of Service/Function Duration (hrs./days):** Enter the duration, in hours or days, the critical facility was not able to provide service/function in the past, due to flooding events.

#### 4.2. POLICE STATION

**How many people are served by this police station?** Enter the number of people served by the police station. If only one police station serves the entire population of a community, that number may be used. For larger communities with multiple police stations, only the population directly served by the station being mitigated can be used. Documentation for the service population can come from the police station, local planning office, or other creditable source.

**How many police officers work or report to this police station?** Enter the number of sworn officers that work or report at this location.

**How many police officers have a designated office space at this police station?** Enter the number of police officers that have a designated office space at this police station. It is assumed that police officers with a designated office space would be restricted to perform their regular duties if the police station were shut down due to a disaster. This information is necessary to estimate the loss of function due to the increased crime caused by a reduction of police officers in service.

**Loss of Service/Function Duration (hrs./days):** Enter the duration, in hours or days, the critical facility was not able to provide service/function in the past, due to flooding events.

#### 4.3. HOSPITAL

**How many people are being served by this hospital?** Enter the number of people being served by this hospital. Only the population directly served by the hospital being mitigated can be used. Documentation for the service population can come from the hospital, local planning office, or other creditable source.

**Provide the address of the nearest hospital capable of providing the same type of service:** Identify the nearest

hospital capable of providing similar services as the hospital being mitigated.

**How many people are being served by the nearest hospital capable of providing the same type of service?** Enter the number of people served by the nearest hospital capable of providing the same service. Only the population directly served by the alternative hospital can be used. Documentation for the service population can come from the alternative hospital, local planning office, or other creditable source.

**Loss of Service/Function Duration (hrs./days):** Enter the duration, in hours or days, the critical facility was not able to provide service/function in the past, due to flooding events.

#### 4.4. UTILITY

**Type of utility:** From the dropdown menu options, select the type of utility(es) that will be mitigated by the proposed project.

- **Electrical Power:** Potential structures include but are not limited to power generation facilities, transmission (e.g., overhead, and underground transmission), distribution (e.g., overhead, and underground distribution).
- **Potable Water:** Potential structures include but are not limited to source structures, potable water treatment facilities, water storage structures, pumping stations, piping and appurtenances.
- **Wastewater:** Potential structures include but are not limited to gravity sewers, pumping stations, force mains, wastewater treatment facilities.
- **IT Services / Communications:** Potential structures include but are not limited to emergency communication towers, telecommunications, etc.
- **Other:** Describe type of utility to be mitigated. Documentation is required that shows the economic value of the service in terms of dollars per person per day. In these cases, the value of the service is typically determined by the utility company.

**Number of customers directly served by utility system:** Enter the number of the customers (people) directly connected to the location(s) that will be mitigated. The number of customers affected by the loss of service can be obtained from the entity, agency, or company providing the utility service. The documentation should be in the form of a letter from the utility on their letterhead. For multiple locations, specify the number of customers connected to each specific location.

**Loss of Service/Function Duration (hrs./days):** Enter the duration, in hours or days, the critical facility was not able to provide service/function in the past, due to flooding events.

#### 4.5. OTHER

**Specify Facility Name:** Enter the name of the critical facility that will be mitigated.



# MITIGATION

## Flood Control – Drainage Improvement Worksheet

**What is the Annual Operational Budget for this critical facility?** Enter the annual budget for the critical facility that is being mitigated. Documentation should include the annual budget for the building that is being mitigated. If the building houses multiple local agencies, the cumulative budget should be used. Alternately, if the annual budget is for an entire school district and one of the buildings is being mitigated, documentation should include how the annual budget was calculated for the single school building.

H&H model results, enter the time, in hours or days, the roadway/bridge is expected to be closed to unsafe conditions (i.e., floodwaters above road > 6").

**Professional Expected Damages AFTER Mitigation:** The same scenario flood events as before mitigation should result in reduced damages due to the mitigation project being implemented. The after-mitigation damages should be estimated based on the level of protection provided by the project. For example, for a flood wall that protects 10 structures during the 100-year flood event, it could be assumed that there would no longer be damages to the structures below the 100-year level of protection but there may be some minor damages due to overtopping in a 500-year event.

### Section V – Professional Expected Damage Information

The industry standard analysis of professional expected damages is for a minimum of three (3) flood event scenarios to be modeled and presented. The modeled events must be different recurrences and are project specific, based on the H&H report and the level of protection the project will accomplish. Generally, more modeled scenarios lead to a more thorough understanding of the project and often more benefits that can be applied.

**Professional Expected Damages BEFORE Mitigation:** Before mitigation damages are based on existing conditions at the site. To demonstrate the flood risk, expected damages for certain severity events must be modeled (e.g., 10-year flood, 50-year flood, 100-year flood, etc.)

- Recurrence Interval: The recurrence interval (RI) is the frequency of event which is expected to cause flood damages at the project location.
  - Estimated Structural Damage (\$): Dollar value of the estimated structural damages (i.e., the cost to repair or replace the damaged property such as foundation, walls, roof, etc.) expected, using results from the H&H BEFORE mitigation model. Damages estimates can be obtained using industry accepted depth damage functions (DDFs) or other reliable source.
  - Estimated Content Damage (\$): Dollar value of the estimated content damages (i.e., the cost to repair or replace the damaged property such as flooring, HVAC, plumbing, etc.) expected, using results from the BEFORE mitigation H&H model. Damages estimates can be obtained using industry accepted depth damage functions (DDFs) or other reliable source.
  - Displacement Cost (\$): Displacement costs occur when occupants (of residential, commercial, or public buildings) are displaced to temporary quarters while damage is repaired. These costs include rent and other monthly costs, such as furniture rental and utilities, and one-time costs, such as moving and utility hook-up fees. They can also include loss of business income for commercial buildings.
  - Road Closures (hrs.): If a bridge/roadway is expected to experienced closures in as a result of the BEFORE mitigation
- Recurrence Interval: The recurrence interval (RI) is the frequency of event which is expected to cause flood damages at the project location.
  - Estimated Structural Damage (\$): Dollar value of the estimated structural damages (i.e., the cost to repair or replace the damaged property such as foundation, walls, roof, etc.) expected, using results from the H&H AFTER mitigation model. Damages estimates can be obtained using industry accepted depth damage functions (DDFs) or other reliable source.
  - Estimated Content Damage (\$): Dollar value of the estimated content damages (i.e., the cost to repair or replace the damaged property such as flooring, HVAC, plumbing, etc.) expected, using results from the AFTER-mitigation H&H model. Damages estimates can be obtained using industry accepted depth damage functions (DDFs) or other reliable source.
  - Displacement Cost (\$): Displacement costs occur when occupants (of residential, commercial, or public buildings) are displaced to temporary quarters while damage is repaired. These costs include rent and other monthly costs, such as furniture rental and utilities, and one-time costs, such as moving and utility hook-up fees. They can also include loss of business income for commercial buildings.
  - Road Closures (hrs.): If a bridge/roadway is expected to experienced closures in as a result of the AFTER mitigation H&H model results, enter the time, in hours or days, the roadway/bridge is expected to be closed to unsafe conditions (i.e., floodwaters above road > 6").



Office of the City Manager

July 22, 2025

Re: City Manager Designee to Execute Annual Grant Applications and Related Non-Binding Documents

To whom it may concern,

Please accept this letter to confirm that the following City of North Port employees are permitted to act as Authorized Agents on my behalf to sign grant applications and related non-binding documents for all City of North Port grants and grant related programs:

Valerie Malingowski, Grant Division Manager  
Jennifer Sadonis, Grants Coordinator  
Michael Davey, Grants Coordinator  
Sherry Austin, Disaster Cost Recovery Coordinator

Attached to this letter is City of North Port Resolution 2023-R-63 which authorizes the City Manager or designee to select, execute and submit all grant applications and related non-binding documents, including but not limited to: grant applications, close out documents, certifications, financial documents, and reimbursement requests for specified agencies listed in the Resolution.

If you need any additional information, please let me know.

Sincerely,

A. Jerome Fletcher II, ICMA-CM, MPA  
City Manager





## City of North Port

### RESOLUTION NO. 2023-R-63

**A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF NORTH PORT, FLORIDA, REPEALING RESOLUTION NO 2021-R-09; AUTHORIZING THE CITY MANAGER OR DESIGNEE TO EXECUTE ANNUAL GRANT APPLICATIONS AND RELATED NON-BINDING DOCUMENTS; PROVIDING FOR INCORPORATION OF RECITALS; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, each fiscal year, the City of North Port, Florida routinely applies for multiple grants and authorizes related non-binding documents; and

**WHEREAS**, the City Commission of the City of North Port, Florida desires to identify and approve the combined annual grant applications for execution and submission; and

**WHEREAS**, on February 9, 2021, the City Commission adopted Resolution No. 2021-R-09 authorizing the City Manager or designee to execute annual grant applications and related non-binding documents for specified agencies, including for the Florida Department of Economic Opportunity; and

**WHEREAS**, on May 31, 2023, Governor DeSantis approved House Bill 5 with an effective date of July 1, 2023, creating Laws of Florida Chapter 2023-173, and renaming the Florida Department of Economic Opportunity as the Florida Department of Commerce; and

**WHEREAS**, the Commission desires to include the Florida House of Representatives and the United States House of Representatives as agencies the City Manager or designee are authorized to submit grant applications and non-binding documents for grant funding when available; and

**WHEREAS**, the Commission desires to repeal Resolution No. 2021-R-09 and replace it with this resolution identifying the Florida Department of Commerce as an authorized agency.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF NORTH PORT, FLORIDA:**

#### **SECTION 1 – INCORPORATION OF RECITALS**

1.01 The above recitals are true and correct and are incorporated in this resolution by reference.

#### **SECTION 2 – REPEAL OF RESOLUTION NO. 2021-R-09**

- 2.01 The City Commission of the City of North Port, Florida hereby repeals Resolution No. 2021-R-09 in its entirety.

### SECTION 3 – RESOLUTION

- 3.01 The City Commission directs the City Manager or designee to select, execute, and submit all relevant grant applications and non-binding documents, including but not limited to, close out documents, certifications, financial documents and reimbursement requests, for the following agencies, when grant funding is available to assist with the budget.

Granting Agency
Gulf Coast Community Foundation
The Harry Shapiro Charitable Foundation
Sarasota County
Florida Department of Commerce
Florida Division of Emergency Management
Florida Department of Environmental Protection
Florida Department of Law Enforcement
Florida Department of Transportation
Florida Division of Historical Resources
Florida Fish and Wildlife Conservation Commission
Florida House of Representatives
Federal Emergency Management Agency
U.S. Department of Justice
U.S. Department of Transportation
U.S. Environmental Protection Agency
U.S. House of Representatives

- 3.02 All binding contracts and contract amendments will continue to require Commission approval.

- 3.03 The City Commission directs the City Manager or designee to distribute a memo to the City Commission identifying all City-submitted grant applications.

**SECTION 4 – CONFLICTS**

- 4.01 In the event of any conflict between the provisions of this resolution and any other resolution, in whole or in part, the provisions of this resolution will prevail to the extent of the conflict.

**SECTION 5 – SEVERABILITY**

- 5.01 If a court of competent jurisdiction finds that any section, subsection, sentence, clause, phrase, or provision of this resolution is for any reason invalid or unconstitutional, that provision will be deemed a separate, distinct, and independent provision and will not affect the validity of the remaining portions of the resolution.

**SECTION 6 – EFFECTIVE DATE**

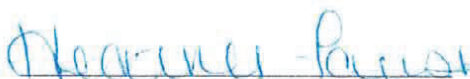
- 6.01 This resolution takes effect immediately.

ADOPTED by the City Commission of the City of North Port, Florida, in public session on October 10, 2023.

CITY OF NORTH PORT, FLORIDA

  
BARBARA LANGDON  
MAYOR

ATTEST

  
HEATHER FAUST, MMC  
CITY CLERK

APPROVED AS TO FORM AND CORRECTNESS

  
AMBER L. SLAYTON, B.C.S.  
CITY ATTORNEY

# Fixed Weir 120 Replacement

## Scope of Work

The City of North Port will implement a drainage infrastructure improvement project involving the full removal of an existing fixed weir and the construction of a new gated water control structure (WCS) at the junction of the Snover and Blue Ridge Waterways, near Tripoli Street and Langtree Avenue (GPS: 27.075733, -82.200777).

This mitigation project is designed to reduce localized flooding and increase stormwater management flexibility during severe weather events. The existing fixed weir is aging and provides no capability for active flow control, making upstream neighborhoods and public infrastructure vulnerable to flooding during tropical storms or heavy rainfall events.

### **Major tasks in the scope of work include:**

- Mobilization and site preparation.
- Demolition and safe removal of the existing concrete weir structure.
- Excavation and grading as needed to accommodate the new foundation and flow structures.
- Installation of hot-rolled steel sheet piling and concrete base (Class IV) with reinforced steel to form the gated water control structure.
- Placement of dual 5' x 5' stainless steel bottom-up slide gates with manual or electric actuation.
- Installation of electrical service panels, outlets, conduit, and lighting to support system operation and inspections.
- Construction of an aluminum-grated catwalk and handrails for safe access and inspection.
- Erosion and sediment control throughout construction, including silt fencing, floating turbidity barriers, and post-construction riprap with filter fabric and sodding.
- Site restoration, including access drive and chain-link perimeter fencing with gate.



The completed water control structure will enable controlled discharges during high water events, improving the City's capacity to mitigate flooding, prevent downstream erosion, reduce street and yard inundation, and protect water quality. It will also allow for water retention during dry seasons to support groundwater recharge and environmental stability.

All work will comply with applicable federal, state, and local permitting and environmental regulations. Engineering and permitting will be completed prior to construction. The project will be completed within a 36-month performance period.

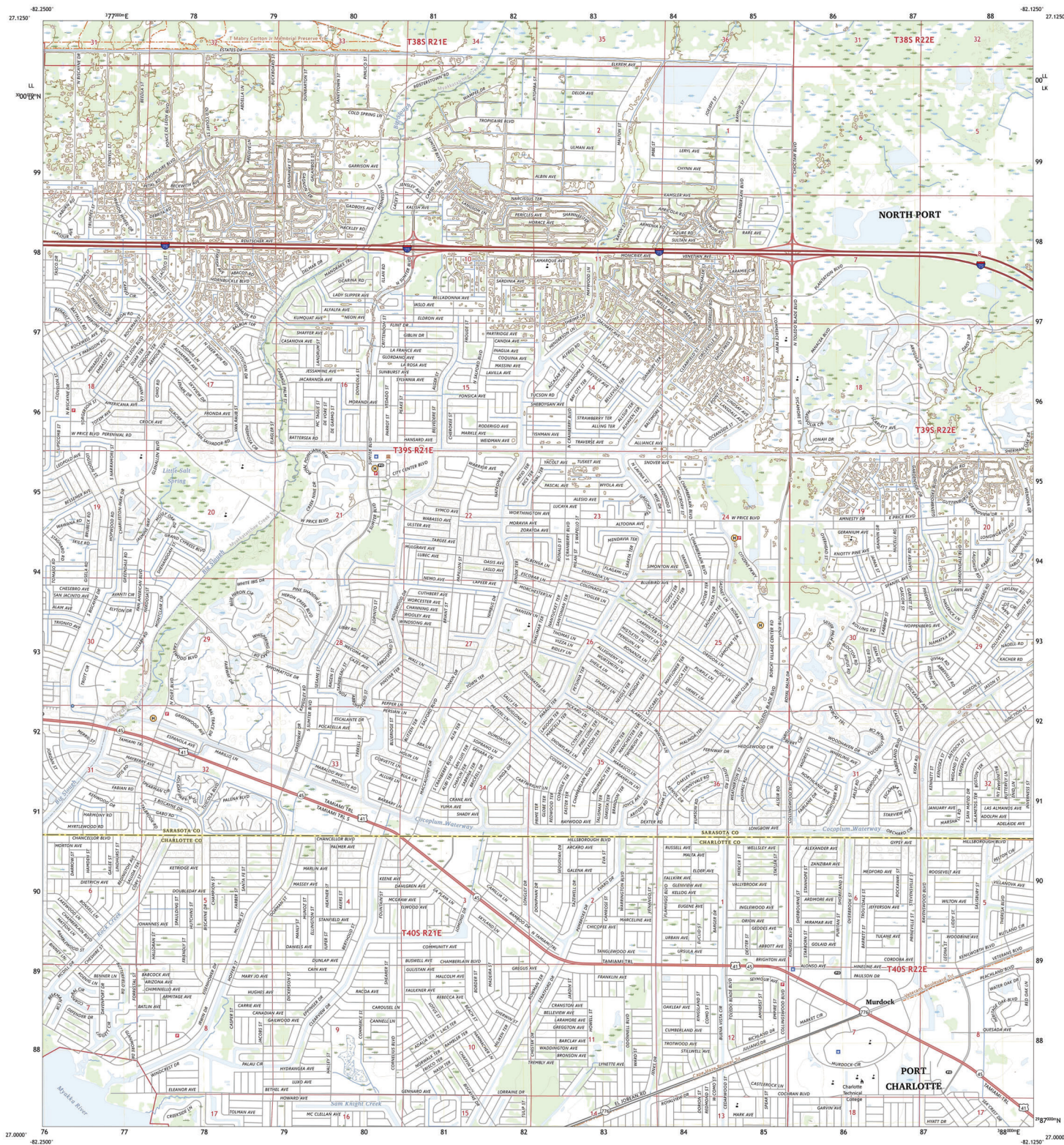




U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY



MURDOCK QUADRANGLE  
FLORIDA  
7.5-MINUTE SERIES



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84) Projection and  
1:50,000 scale horizontal datum. The vertical datum is the  
mean sea level (MSL) datum. This map is not a legal document. Boundaries may be  
generated by this map scale. Private land within government  
reservations may not be shown. Obtain permission before  
entering private lands.

Source: NAD, November 2019 - November 2019  
Roads: U.S. Census Bureau, 2016  
Names: National Hydrography Dataset, 1979 - 2023  
Contours: National Elevation Dataset, 2010  
Boundaries: National Wetlands Inventory, 2002  
Public Land Survey System: BLM, 2020  
Wetlands: FWS National Wetlands Inventory, N/A Available



SCALE 1:24,000  
NORTH AMERICAN VERTICAL DATUM OF 1983  
CONTOUR INTERVAL: 5 FEET  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard.



1	2	3	1 Lower Myakka Lake
4	5	6	2 Murdock River
7	8	9	3 Murdock SE
			4 Myakka River
			5 Murdock SE
			6 Englewood
			7 E. Shore
			8 Punta Gorda

MURDOCK, FL  
2023

