

# City of South Daytona

## Building Department

1672 S. Ridgewood Avenue • South Daytona, FL 32119 • 386/322-3017



### MEMORANDUM

To: James L. Gillis Jr., City Manager  
From: John Boden, Chief Building Official  
Re: Consideration of approving Resolution No. 2024-11 for the City of South Daytona's Floodplain Management Plan Annual Progress Report.  
Date: April 4, 2024

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The Federal Emergency Management Agency (FEMA), National Flood Insurance Program (NFIP) Community Rating System (CRS) Program is a voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements. The primary reason the City participates in this FEMA program is to provide residents and business owners located in a Special Flood Hazard Area (SFHA) the opportunity to receive discounted flood insurance premiums. In addition, CRS floodplain activities provide enhanced public safety, a reduction in property damage and public infrastructure, a reduction of economic loss and protection of the environment.

The City partners with Volusia County Emergency Management Department and other CRS communities in a Local Mitigation Strategy (LMS) group. Through that partnership, the LMS has developed the Volusia County Integrated Floodplain Management Plan to meet the NFIPCRS criteria. As part of the annual requirements, the City of South Daytona has developed a Mitigation Action Plan specific to South Daytona that follows proposed actions to address concerns attributed to flooding and storm damage. This document is updated annually as part of the Volusia County Floodplain Management Plan.

The updated annual progress report is included as Attachment 'A' to this memorandum. For the City to receive credits under the CRS Activity 510 Floodplain Management Planning, this document must be made available to the public. A copy of this report will be kept in the Community Development Department at City Hall and available for review upon request.

Staff recommends the City Council approve Resolution No. 2024-11, South Daytona's Floodplain Management Annual Progress Report (2023/2024).

#### Attachments:

- Attachment 'A': City of South Daytona Floodplain Management Annual Progress Report (2023/2024)
- Resolution No. 2024-11

**Attachment 'A'**  
**City of South Daytona Floodplain Management**  
**Plan Annual Progress Report (2023/2024)**

The City continuously strives to achieve each of the City's mitigation initiatives. The City of South Daytona Floodplain Management Plan was incorporated into the Volusia County Integrated Floodplain Management Plan by Resolution and the annual progress report update.

A copy of the Volusia County Integrated Floodplain Management Plan 2020 Update is available for review by contacting the County of Volusia Emergency Management Department at (386) 254-1500. Other Flood and Floodplain information may be accessed at the County of Volusia website:

<https://www.volusia.org/services/emergency-services/emergency-management/types-of-disasters/floods/>

The City of South Daytona 2023/2024 Annual Progress Report is available for review at the City of South Daytona Community Development Department upon request.

**1.) Volusia County Integrated Floodplain Management Goals and Objectives**

**Countywide Goal 1** - Prevent new development in the floodplain from increasing runoff and resulting in increases in flood volumes in the floodplain.

*Status: Achieved through the City of South Daytona Floodplain Management Ordinance, City Code of Ordinances, building permit process, drainage system maintenance, and stormwater management plans.*

**Countywide Goal 2** - Develop and maintain a proactive public awareness and outreach that informs and notifies property owners that they are in a flood zone and provides assistance and information regarding flood zones, protection of property, local drainage, and sewer back-up problems.

*Status: The City maintains a proactive public awareness through our Quarterly Newsletter and Website. Annually repetitive loss and flood hazard area letters to owners are prepared by staff. The City provides information in its Annual Outreach through a QR code within the City newsletter. Residents and businesses are always encouraged to contact the City for assistance with flood zone questions and flooding issues.*

**Countywide Goal 3** - Continue with the Hazard Mitigation Grant Program to identify and obtain funding for both pre-and-post disaster residential mitigation projects regarding flooding.

*Status: City staff attends quarterly LMS meetings and submits eligible projects as they are identified. 9 projects are currently in review for Mitigation under Hurricane Ian and Hurricane Nicole.*

**Countywide Goal 4** - Reduce the number of repetitive loss properties within Volusia County.

*Status: City staff attends quarterly LMS meetings and submits eligible projects as they are identified.*

**Countywide Goal 5** – Review the locations and effects on areas that experience flooding and determine what steps, if any, the County, and municipalities can take to alleviate future impacts.

*Status: Achieved through Floodplain Management planning and stormwater management planning.*

## **2.) City of South Daytona Floodplain Management Plan Implementation**

**City Goal 1** - To protect human life and health through preparedness of emergency response teams from the Fire, Police, and Public Works Departments.

*Status: The City has prepared and updates the South Daytona Disaster Recovery Plan as needed. The plan outlines interdepartmental coordination for a unified response to disasters including flooding events. The Fire Department, Police, Public Works, and the Community Development Department play a vital role in the implementation of any emergency response.*

**City Goal 2** - Provide leadership in protecting residential properties from the impacts of floods by coordinating historical data with updated stormwater management studies to identify possible flooding concerns.

*Status: The City Council and City Manager are dedicated to the protection of the community from flooding issues. South Daytona is a coastal community with an average ground elevation of about 6.0 ' above sea level. This geographical feature dictates the need to be active, aggressive, and responsive to the community's needs for flood protection.*

**City Goal 3** - To minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public with proper planning and cost-effective storm water improvements.

*Status: The City is continuously assessing the Stormwater Infrastructure and making necessary improvements as needed. South Daytona has 14 mitigation projects awaiting funding.*

**City Goal 4** - To minimize damage to public facilities and utilities such as water and gas mains, electric, telephone and sewer lines, streets and bridges located in floodplains through hardening facilities and Public Works Department preparedness.

*Status: Public Works in conjunction with other utility and service providers work together to maintain in proper condition, replace when needed, and harden, when necessary, all utilities, streets, and bridges within the City.*

**City Goal 5** - To help maintain a stable tax base by providing for the sound use and development of flood prone areas in such a manner as to minimize flood blighted areas.

*Status: An integral part of a stable tax base for sound development is adhering to sound development codes and stormwater protection. South Daytona has in place a very strict development code that exceeds the minimum requirements set forth in the Florida Building Code and the Community Rating System Program.*

**City Goal 6** - Provide advice to property owners by the Floodplain Manager/Chief Building Official, concerning the protection of their properties from flooding.

*Status: This service is provided on request by the Floodplain Manager/Chief Building Official and has been an invaluable outreach program to assist homeowners and business owners with their localized drainage issues.*

**City Goal 7** - Maintain a Public awareness program that informs all property owners in the flood zones through mail-outs and the municipal website.

*Status: Annually repetitive loss and flood hazard area letters to owners are prepared by staff. The City provides information in its Annual Outreach through a QR code within the City newsletter. The City website, newsletter and social media accounts provide annual and ongoing outreach to residents and businesses for Public Awareness of flood and floodplain information.*

**City Goal 8** - Maintain an aggressive grant program to identify and obtain funding for both pre- and post-disaster mitigation projects through the Community Development and the Redevelopment Departments.

*Status: City staff continues to apply for grants to improve drainage and reduce flooding citywide. The city has received over 30 million dollars over the past 40 years for mitigation and stormwater that have significantly reduced the number of structures that could flood during storm events. In 2023/2024 Staff submitted 14 applications to FEMA's Hazard Mitigation Grant Program, 10 applications to the Florida Department of Environmental Protection (DEP), and 14 prepared for Volusia County's Disaster Relief Program.*

**City Goal 9** - Create programs to manage the surface water runoff through maintaining an updated stormwater management plan through the Public Works Department in conjunction with the Floodplain Manager/Chief Building Official.

*Status: South Daytona has a Master Drainage Plan that is updated regularly with field data collected by Public Works after major storm events. Improvements are designed for areas with reoccurring flooding issues.*

### **3.) Failure to meet objectives or implement goals/initiatives.**

Not Applicable. The City of South Daytona meets its objectives or implements goals/initiatives as provided for in the plan.

### **4.) New projects and recommendations.**

#### *New Mitigation Protects:*

Stormwater Pump Station SCADA Control System.  
Harborside Pond Pump (funded through State of Florida Appropriations / DEP)  
Reed Canal Stormwater Pond Pump (funded through State of Florida Appropriations / DEP)  
Municipal Complex Generator  
Rehabilitation of Sewer Lines (funded through State of Florida Appropriations / DEP)  
Rehabilitation of Lift Station 5 (funded through Florida Department of environmental Protection Water Quality Grant)

#### *Current Project in Review by HMGP for Hurricanes Ian and Nicole*

4673-(280) PID 142183 HMGP - Sherwood Forest Stormwater Pond  
4673-(593) PID 144577 HMGP - Pike - Bishop Court  
4673-(596) PID 144670 HMGP - Aspen Stormwater Pond Expansion  
4673-(602) -- PID 144676 HMGP - Reed Canal Park Pond Expansion  
4673-(603) PID 144677 HMGP - Stevens Canal Bank Stabilization  
4673-(611) PID 144685 HMGP - Reed Canal Stormwater Control Facility Expansion  
4680-(123), City of South Daytona, Segrave Area-Stormwater Lining  
4680-(121), City of South Daytona, Sanitary Sewer Lift Station # 2 Hardening  
4680-(119), City of South Daytona, Sewer Line Rehabilitation-Sandusky Circle, Flood Risk Reduction

*Past Mitigation Projects approved by the LMS and Status:*

VOL-0244-Golfview Subdivision Retrofit — Phase V Stormwater. Completed 2008.

VOL0245 -Lantern Park Retrofit — Phase V Stormwater. Completed in 2016.

VOL-0247 — Western Road Stormwater Improvements. Completed 2006.

VOL0248 — Greenbriar Subdivision Retrofit. Completed 2012.

VOL-0378 — Stevens Canal Outflow Pond. Completed 2010.

VOL-0395 Reed Canal Stormwater Treatment Facility. Completed 2012.

VOL-0453 Lantern Subdivision Retention Pond. Completed in 2016.

VOL-0469 Jones Street Stormwater Project. Completed in 2017.

VOL—0471 Windle Lane Stormwater Project. Completed in 2020.

## **RESOLUTION NO. 2024-11**

### **A RESOLUTION BY THE CITY COUNCIL OF THE CITY OF SOUTH DAYTONA, FLORIDA AUTHORIZING THE ADOPTION OF THE 2023/2024 UPDATE TO SOUTH DAYTONA'S ANNUAL PROGRESS REPORT FOR THE CITY'S FLOODPLAIN MANAGEMENT PLAN; PROVIDING FOR CONFLICTING RESOLUTIONS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, areas of the City of South Daytona are vulnerable to the human and economic costs of natural, technological, and societal disasters, and

**WHEREAS**, the City of South Daytona governing body realizes the importance of reducing or eliminating those vulnerabilities for the overall good and welfare of the community, and

**WHEREAS**, the City of South Daytona has been an active participant in Volusia Prepares, the Local Mitigation Strategy working group, which has established a comprehensive, coordinated planning process involving the county and its municipalities, as well as other public and private sector organizations, to eliminate or decrease these vulnerabilities, and

**WHEREAS**, the City of South Daytona representatives and staff identify, justify, and prioritize proposed projects and programs as needed to mitigate the vulnerabilities of areas of South Daytona to impacts of future disasters, and

**WHEREAS**, the City of South Daytona updates its Floodplain Management Plan annually to include the status of projects and programs to mitigate flooding, and

**WHEREAS**, the City of South Daytona Floodplain Management Plan is incorporated into the Volusia County Multi-Jurisdictional Local Mitigation Strategy Plan.

### **NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SOUTH DAYTONA, VOLUSIA COUNTY, FLORIDA:**

Section 1. The City Council of the City of South Daytona approves the updated Annual Progress Report for the City's Floodplain Management Plan.

Section 2. Repealer. All prior resolutions, if any, which conflict with this resolution are hereby repealed.

Section 3. Severability. If any section, subsection, sentence, clause, phrase or portion of this resolution, or application hereof, is for any reason held invalid or unconstitutional by any Court, such portion or application shall be deemed a separate, distinct, and independent provision, and such holding shall not affect the validity of the remaining portions or application hereof.

Section 4. Effective Date. This resolution shall become effective immediately upon its adoption.

**APPROVED AND ADOPTED** upon first and final reading at the regular meeting by the City Council of the City of South Daytona, Florida on the 9th day of April 2024.

SIGNED:

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William C. Hall, Mayor

ATTEST:

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James L. Gillis, Jr.  
City Manager

CERTIFIED AS TO FORM:

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Wade C. Vose  
City Attorney