



MEMORANDUM TO VENICE CITY COUNCIL

THROUGH CHARTER OFFICER: Edward Lavalley, City Manager **E-SIGN:**

FROM: Kathleen Weeden, City Engineer

DEPARTMENT: Engineering

DATE: March 29, 2024 **MEETING DATE:** April 9, 2024

SUBJECT / TOPIC: Floodplain Management Plan Yearly Report

BACKGROUND INFORMATION:

Annually, a progress report is prepared for the Floodplain Management Plan (FMP). The annual progress report for the City of Venice Floodplain Management Plan was prepared by the CRS Committee on February 6, 2024.

The following is a summary of activities completed as outlined in the CRS Annual Verification guidelines:

- As stipulated in the Floodplain Management Plan, this annual report, as submitted to City Council, will be generally made available to the public. It can be requested from the Engineering Department or can be found online at venicegov.com, and search "Floodplain Management Plan." The needs and goals of the community, pertaining to hazards and risks, have not changed substantially since the adoption of the FMP on April 25, 2023. The FMP will expire April 25, 2028.
- All new construction and substantial improvements are required to comply with the city floodplain ordinance and construct above the 100-year floodplain elevations. The Southwest Florida Water Management District (SWFWMD) also requires that floodplain compensation calculations be completed to reduce any off-site floodplain impacts.
- The population numbers were updated based on the US Census annual estimations available.
- As part of the continuing effort to complete mitigation projects and obtain grant funding assistance, the Local Mitigation Strategy (LMS) project list was updated to highlight projects completed in the last year and added future projects. The updated LMS project list is incorporated into the FMP as an update to the Sarasota County LMS Plan.
- No additional updates of the floodplain ordinance have been completed this year.
- Additional outreach was conducted to clarify to condominium owners that the association building coverage does not cover their contents. There was increased public

access and clarification of flood maps, clearer messages in the PPI about site visits, the provision of mitigation assistance and property flood protection measures and the creation of additional outreach materials for social media. General outreach to the residents was also completed through utility bill inserts. The desired outcomes of the PPI and CIP activities remain “community awareness and increased flood insurance coverage in the SFHA”. Currently, the committee sees no need to revise these outcomes.

- The community remains a class 6 community and continues to review the CRS program against our most recent audit results, making changes to the CRS program and FMP as deemed necessary and beneficial for both CRS scoring and the community in general. As a class 6 community, our residents receive a 20% on their flood insurance premium.
- The LMS project list has been updated to reflect completion of project and additional projects for consideration for future grant funding. The Floodplain Management Plan has been updated to include adoption of the Sarasota County Multijurisdictional Program for Public Information. Using this county-wide approach for public outreach and increased insurance coverage will maximize the resources available to the City while reducing duplicated costs. The committee will continue to meet quarterly to evaluate opportunities to improve the effectiveness of the floodplain management and outreach activities.

SUPPORTS STRATEGIC PLAN: Goal Three: Ensure a Fiscally Sound City

COUNCIL ACTION REQUESTED: For Council Adoption by Consent Motion

Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Document(s) Reviewed for ADA compliance (required if for agenda posting)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	City Attorney Reviewed/Approval
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Risk Management Review
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Finance Department Review/Approval
		Funds Availability (account number):

Priority	Name of Project	Description of Project	Hazards Mitigated	Hazard Mitigation Strategy	Mitigation Goals Achieved	Funding Source	Juris. Project Benefit	Juris. Project Owner	Juris. Project #	Agency Responsible for Implementation	Estimated Cost	Project Status (NEW)	Project Status (COMPLETED)	Project Status (IN PROGRESS)	Project Status (DELETED)	Project Status (DEFERRED)	If Deferred ; Why?	Timeframe for Project Completion	Long or Short Term Goals	Mitigate New or Existing	Comms
High	2nd sanitary force main under I-75	Add a secondary force main to add to secondary redundancy	279	5	5	State Revolving Fund Utilities Revenue	ALL	Venice	70V	Utilities	\$5,000,000.00			TRUE				2024	Short-term (Less than 2-Years)	E (Existing)	
High	Lightning and Surge Protection Various Locations	Purchase and install lightning protection for critical facilities	11121527	2	14	N/A	ALL	Venice	111V	PW	\$250,000.00					TRUE	Funding	2026	Short-term (Less than 2-Years)	E (Existing)	
High	Water Plant Generator & Switchgear	Purchase new generator for water plant for backup power	1112152789	2	1	CIP	ALL	Venice	95V	Utilities	\$5,200,000.00			TRUE				2023	Short-term (Less than 2-Years)	E (Existing)	Underway
High	Emergency Radios and Base Station - Emergency Response Fire, Police, Public Works & Stormwater	Radios and base stations replacement to provide critical emergency communications	1112152789	5	5	Grants	ALL	Venice	21V	Fire	\$2,100,000.00					TRUE	Funding	2024	Short-term (Less than 2-Years)	E (Existing)	
High	Emergency Radios and Base Station - Utilities	Radios and base stations replacement to provide critical emergency communications	1112152789	5	5	Grants	ALL	Venice	116V	Utilities	\$880,000.00	TRUE						FY2025	Short-term (Less than 2-Years)	E (Existing)	
High	Lift Station #3 and Stormwater Pumping Station #1 Generator	Continuing Operations during Storm Preparation, Storm Event and Post-Storm Response	1112152789	2	5	CIP	ALL	Venice	114V	Utilities & Stormwater	\$100,000.00	TRUE						FY2025	Short-term (Less than 2-Years)	E (Existing)	
High	Mobile Command Unit	Design and Purchase a Mobile Command Unit for use during special events and emergencies.	1112152789	2	5	Grants	ALL	Venice	87V	Police	\$500,000.00					TRUE	Funding		Short-term (Less than 2-Years)	N (New)	
High	Resilient and Redundant Island Network Connections	Remove single point of failures and protect continuing operations		5	12	HMGP IT Project Funding	ALL	Venice	112V	IT	\$322,000.00	TRUE						FY2024	Short-term (Less than 2-Years)	N (New)	
High	Fire Station #2 Relocation - Generator and Utility Undergrounding	Undergrounding Electrical Lines, hazard mitigation improvements, Emergency Generator, Emergency Response elements	1112152789	2	5	HMGP Grants CIP	ALL	Venice	113V	Fire	\$1,500,000.00							FY2026	Short-term (Less than 2-Years)	N (New)	Pending funding from HMGP application Hurricane lan

High	Reinforce Airport Hangars	Reinforce existing airport to meet hurricane standards	11 12 15 2 7 9	2	2 5	Airport / Grants	ALL	Venice	75V	Airport	\$1M								Long-term (+2-Years)	E (Existing)	
High	Relocate Fire Station #2	Construct new fire station outside flood zone	11 12 15 2 7 8 9	2	5	CIP Grants	ALL	Venice	3V	Fire	\$18,000,000.00			TRUE					Short-term (Less than 2-Years)	N (New)	Property purchase complete. Design underway..
High	Relocate RO Water Plant	Construct facility out of the flood zone	11 2 7 9	2	5	N/A	ALL	Venice	42V	Utilities	\$100,000,000.00				TRUE	Funding			Long-term (+2-Years)	E (Existing)	
High	Venice Fire Station 3 Wind Mitigation	Upgrade roof and openings for wind mitigation and water intrusion/flood protection. Upgrade lightning protection. Add additional protection for database security.	11 12 14 15 2 7 8 9	5	5	HMGP	ALL	Venice	92V	Fire	\$400,000.00				TRUE	Funding	2025		Short-term (Less than 2-Years)	E (Existing)	
High	Airport Avenue Drainage Project	Upgrade existing drainage facilities to mitigate flood in evacuation route	11 2 7 9	6	2	Airport / Grants	ALL	Venice	79V	Airport	\$350K				TRUE	Funding			Long-term (+2-Years)	E (Existing)	
High	Ajax property 2.0-3.0MGD booster station	Provide service to east side of town, construct interconnect with county	11 12 15 2 7 9	2	5	State Revolving Fund Utilities Revenue	ALL	Venice	44V	Utilities	\$20,000,000.00			TRUE			2022		Long-term (+2-Years)	E (Existing)	Going out to bid 2/2023
High	Construct New T-Hangars	Construct new T-Hangars meeting hurricane standards	11 12 15 2 7 9	5	2	Airport / Grants	ALL	Venice	76V	Airport	\$1.5M								Long-term (+2-Years)	E (Existing)	
High	New Solid Waste and Recycling Complex	Relocate facility east and construct to hurricane codes	11 12 15 2 7 8 9	2	5	N/A	ALL	Venice	62V	Public Works	\$3,000,000.00				TRUE	Funding			Long-term (+2-Years)	E (Existing)	
High	Outfall #14 - Osprey Street	Restore damage from Hurricane Ian	11 2 7 9	6	2	CIP Grants	3	Venice	103V	Stormwater	\$300,000.00			TRUE					Short-term (Less than 2-Years)	E (Existing)	
High	Generators for Production Well	Provide emergency back up power outage	11 12 15 2 7 8 9	5	1	HMGP Utilities Revenue	ALL	Venice	64V	Utilities	\$625,000.00				TRUE	Funding			Long-term (+2-Years)	E (Existing)	Pending funding from HMGP application Hurricane Ian

High	Harden Public Works Facility (Former PD Bldg.)	Emergency generator including fuel tank and harden building including roof upgrade	11 12 15 2 7 8 9	2	5	HMGP	ALL	Venice	115V	PW	\$1,250,000.00	TRUE						FY2025	Short-term (Less than 2-Years)	E (Existing)	Pending funding from HMGP application Hurricane lan
High	add Generator to Emergency services logistics warehouse	add Generator to Emergency services arehouse for protection of medication and lighting	1 2 6	5	2						\$125,000.00										
High	Portable Generator for Public Safety Radio Towers	Purchase a portable generator set that could be deployed to any public safety radio tower in the event of a failure which disrupts emergency traffic.								Emergency Services PSC	\$52,000.00										
Medium	2nd sanitary force main under Intracoastal	Add a secondary force main to add to secondary redundancy	2 7 9	5	5	State Revolving Fund Utilities Revenue	ALL	Venice	69V	Utilities	\$3,000,000.00			TRUE				2024	Long-term (+2-Years)	E (Existing)	Currently in design & permitting
Medium	Lightning and Surge Protection - Secondary Structures	Provide Lightning and Surge Protection to provide protection to City Technology and infrastructure.	11 12 14 15 2 7 8 9	5	5	NA	ALL	Venice	93V	Fire	\$105K				TRUE	Funding			Long-term (+2-Years)	E (Existing)	
Medium	Hatchett Creek Improvements	Restore drainage facility to reduce flooding and improve water quality	11 2 7 9	6	2	CIP Grants	3	Venice	100V	Stormwater	\$250,000.00								Short-term (Less than 2-Years)	E (Existing)	
Medium	Construct 8E production well	Enhance system reliability	2 7 9	5	1 4	State Revolving Fund	ALL	Venice	94V	Utilities	\$1,500,000.00			TRUE				2021	Short-term (Less than 2-Years)	N (New)	Ready to Bid
Medium	Church St. Drainage Improvement	Upsize existing stormwater pipes to reduce flooding	11 2 7 9	6	2	CIP Grants	3	Venice	90V	Stormwater	\$550,000.00								Long-term (+2-Years)	E (Existing)	
Medium	Circle Drive Drainage Improvement	Upsize existing stormwater pipes to reduce flooding	11 2 7 9	6	2	CIP Grants	3	Venice	89V	Stormwater	\$650,000.00								Long-term (+2-Years)	E (Existing)	
Medium	Hurricane Louvers for Water Plant	Secure building for hurricanes	15 9	2	5	N/A	ALL	Venice	65V	Utilities	\$32,000.00				TRUE	Funding			Long-term (+2-Years)	E (Existing)	
Medium	North Nokomis Outfall Improvements	Improve drainage facility to reduce flooding and improve water quality	11 2 7 9	6	2	CIP Grants	3	Venice	102V	Stormwater	\$750,000.00								Long-term (+2-Years)	E (Existing)	
Medium	Seaboard Area Outfall Improvements	Improve drainage facility to reduce flooding and improve water quality	11 2 7 9	6	2	CIP Grants	3	Venice	101V	Stormwater	\$700,000.00								Long-term (+2-Years)	E (Existing)	

Medium	Curry Creek Improvements	Restore drainage facility to reduce flooding and improve water quality	11 2 7 9	6	2	CIP Grants	3	Venice	97V	Stormwater	\$250,000.00					TRUE	Funding	FY2025	Short-term (Less than 2-Years)	E (Existing)	
Medium	Relocate Airport Maintenance Facility	Relocate existing Airport Maint. Facility to meet hurricane stds.	11 12 15 2 7 9	5	2	Airport / Grants	ALL	Venice	78V	Airport	\$650K								Long-term (+2-Years)	E (Existing)	
Medium	Tarpon Center Stormwater Upgrades	Improve drainage facility to reduce flooding and improve water quality	11 2 7 9	6	2	CIP Grants	3	Venice	108V	Stormwater	\$450,000.00				TRUE			2026	Short-term (Less than 2-Years)	E (Existing)	
Medium	Coastal Land Acquisition Program	Purchase properties and preserve for open space	11 2 7 9	1	4	N/A	ALL	Venice	36V	Engineering	\$425K					TRUE	Funding		Long-term (+2-Years)	E (Existing)	
Medium	Deertown Gully Upgrades	Restore drainage facility to reduce flooding and improve water quality	11 2 7 9	6	2	CIP Grants	3	Venice	98V	Stormwater	\$575,000.00								Short-term (Less than 2-Years)	E (Existing)	
Medium	Directional signs for island evacuation	Acquire four signs for three bridges and roadways	11 12 15 2 7 8 9	5	4	NA	ALL	Venice	6V	Public Works	\$60,000.00					TRUE	Funding		Long-term (+2-Years)	E (Existing)	
Medium	Park Blvd. North Drainage Improvements	Improve drainage facility to reduce flooding and improve water quality	11 2 7 9	6	2	CIP Grants	3	Venice	106V	Stormwater	\$150,000.00					TRUE	Funding		Long-term (+2-Years)	E (Existing)	
Medium	Parkdale & Parkside Dr. Drainage Improvement	Upsize existing stormwater pipes to reduce flooding	11 2 7 9	6	2	CIP Grants	3	Venice	91V	Stormwater	\$750,000.00								Long-term (+2-Years)	E (Existing)	
Medium	Venezia Park Stormwater Upgrades	Improve drainage facility to reduce flooding and improve water quality	11 2 7 9	6	2	CIP Grants	3	Venice	110V	Stormwater	\$150,000.00					TRUE	Funding		Long-term (+2-Years)	E (Existing)	
Medium	Airport Area IntraCoastal Waterway Outfall Improvements	Improve drainage facility to reduce flooding and improve water quality	11 2 7 9	6	2	CIP Grants	ALL	Venice	107V	Stormwater	\$350,000.00					TRUE	Funding		Long-term (+2-Years)	E (Existing)	
Medium	Beach Erosion Hot Spot Alternatives	Alternate erosion evaluation and construction	1 2 7 9	5	5	Grants	ALL	Venice	86V	Engineering	\$4M					TRUE	Funding		Long-term (+2-Years)	E (Existing)	
Medium	Golf Drive Stormwater Improvements	Improve drainage facility to reduce flooding and improve water quality	11 2 7 9	6	2	CIP Grants	3	Venice	99V	Stormwater	\$700,000.00								Long-term (+2-Years)	E (Existing)	
Medium	Valencia Rd. Flood Improvements	Improve drainage facility to reduce flooding and improve water quality	11 2 7 9	6	2	CIP Grants	3	Venice	108V	Stormwater	\$450,000.00					TRUE	Funding		Long-term (+2-Years)	E (Existing)	

Medium	Osprey Ditch Stormwater Improvements	Upsize existing stormwater pipes to reduce flooding	11 2 7 9	6	2	CIP Grants	3	Venice	83V	Stormwater	\$950,000.00								Long-term (+2-Years)	E (Existing)	
Medium	Outfall #1 & #2 Drainage Improvement and Water Quality Treatment Expansion	Improve drainage facility to reduce flooding and improve water quality	11 2 7 9	6	2	CIP Grants	3	Venice	105V	Stormwater	\$500,000.00				TRUE	Funding			Long-term (+2-Years)	E (Existing)	
Medium	Outfall #10 Drainage Improvement and Wetland Restoration	Improve drainage facility to reduce flooding and improve water quality	11 2 7 9	6	2	CIP Grants	3	Venice	104V	Stormwater	\$125,000.00				TRUE	Funding			Long-term (+2-Years)	E (Existing)	
Medium	Outfall 9 Improvement	Study the drainage basin and increase the infiltration pond size	11 2 7 9	6	2	CIP Grants	3	Venice	82V	Stormwater	\$100,000.00				TRUE	Funding			Long-term (+2-Years)	E (Existing)	
Medium	Generator	Generator for building used as a shelter for flooding incidents in east county				Private Donation				Old Miakka Church											
Low	Modify Pinebrook booster station	Waterproof and upgrade communication system	11 12 15 2 7 8 9	2	5	N/A	ALL	Venice	28V	Utilities	\$100,000.00				TRUE	Funding			Long-term (+2-Years)	E (Existing)	
Low	Relocate water plant elevated tank	Upgrade support system to prevent against flood and wind	12 2 7 9	2	5	N/A	ALL	Venice	26V	Utilities	\$725,000.00				TRUE	Funding			Long-term (+2-Years)	E (Existing)	
Low	Upgrade Chuck Reiter elevated tank	Upgrade support system to prevent against flood and wind	11 12 15 2 7 9	2	5	N/A	ALL	Venice	27V	Utilities	\$76,000.00				TRUE	Funding			Long-term (+2-Years)	E (Existing)	