

RESOLUTION NO. 2017-22

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF VENICE, SARASOTA COUNTY, FLORIDA, TO UPDATE THE CITY OF VENICE SECTION OF THE SARASOTA COUNTY LOCAL MITIGATION STRATEGY WORK GROUP PROJECT LIST AND THE FLOODPLAIN MANAGEMENT PLAN; TO ADOPT THE UPDATED FLOODPLAIN MANAGEMENT PLAN AND SARASOTA COUNTY UNIFIED LOCAL MITIGATION STRATEGY 2017 TO SERVE AS THE FORMAL GUIDES FOR THE CITY OF VENICE'S FLOODPLAIN MANAGEMENT AND HAZARD MITIGATION ACTIVITIES; SUPERSEDING RESOLUTION NO. 2016-27; AND PROVIDING AN EFFECTIVE DATE

WHEREAS, the City of Venice is subject to natural and man-made hazards including hurricanes, tornadoes, floods, fires and chemical releases which may cause damage to life, property, natural resources and the local economy; and

WHEREAS, initiatives identified on the Local Mitigation Strategy Project List are given more consideration by state-managed funding programs such as the Hazard Mitigation Grant program, Emergency Management Preparedness Assistance Trust Fund, Communities Trust, Community Development Block Grant, Coastal Partnerships Initiative, and HOME; and

WHEREAS, the Floodplain Management Plan serves as the guide for floodplain management activities for the City of Venice as required of all communities participating in the National Flood Insurance Program and seeking project funding from the Flood Mitigation Assistance Program; and

WHEREAS, the Local Mitigation Strategy, which incorporates the Floodplain Management Plan, serves as the flood mitigation plan required of all communities participating in the National Flood Insurance Program and seeking project funding from the Flood Mitigation Assistance Program; and

WHEREAS, the Local Mitigation Strategy can serve as the Post-Disaster Redevelopment Plan as required of all coastal counties in Florida; and

WHEREAS, the Floodplain Management Plan and Local Mitigation Strategy is designed to be a process-oriented document with review and revision policies that allow the Local Mitigation Strategy to be changed to meet new or changing conditions including hazard-event frequency, perceived local needs and funding opportunities; and

WHEREAS, the Floodplain Management Plan has been updated to meet the requirements of the Community Rating Systems program and includes the program for public information and the Flood Insurance Coverage Improvement Plan; and

WHEREAS, the City of Venice Community Ratings System Floodplain Management Plan Committee has received public input and has updated the City of Venice portion of the Sarasota County Local Mitigation Strategy Work Group Project List and the Floodplain Management Plan of the Local Mitigation Strategy.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF VENICE, FLORIDA, as follows:

SECTION 1. The Whereas clauses above are ratified and confirmed as true and correct.

SECTION 2. The Venice City Council hereby updates the City of Venice section of the Sarasota County Local Mitigation Strategy Work Group Project List and the Floodplain Management Plan, and adopts the updated Floodplain Management Plan and the Sarasota County Unified Local Mitigation Strategy 2017 as the formal guides for City of Venice floodplain management and hazard mitigation activities.

SECTION 3. The updated City of Venice section of the Sarasota County Local Mitigation Strategy Work Group Project List and Floodplain Management Plan are attached as Exhibit A and Exhibit B, respectively.

SECTION 4. Upon adoption, this resolution shall supersede Resolution No. 2016-27.

SECTION 5. This resolution shall take effect immediately upon adoption.

APPROVED AND ADOPTED AT A REGULAR MEETING OF THE VENICE CITY COUNCIL HELD ON THE 12TH DAY OF SEPTEMBER 2017.

John Holic, Mayor

ATTEST

Lori Stelzer, MMC, City Clerk

I, **LORI STELZER**, MMC, City Clerk of the City of Venice, Florida, a municipal corporation in Sarasota County, Florida, do hereby certify that the foregoing is a full and complete, true and correct copy of a Resolution duly adopted by the City Council of said City at a meeting thereof duly convened and held on the 12th day of September 2017, a quorum being present.

WITNESS my hand and the official seal of said City this 12th day of September 2017.

Lori Stelzer, MMC, City Clerk

(S E A L)

Approved as to form:

David Persson, City Attorney

Exhibit A

**City of Venice
Local Mitigation Strategy - Venice Updates**

Priority	Name of Project	Description of Project	Hazard Mitigated	Hazard Mitigation Strategy	Mitigation Goals Achieved	Funding Source	Jurisdiction Project Benefit	Jurisdiction Project owner	Jurisdiction Project #	Agency Responsible for implementation	Estimated Cost	Project Status <small>note 6</small>						Timeframe for Project Completion	Mitigate New or Existing (N/E)
												New	Completed	In progress	Deleted	Deferred	If Deferred, Why?		
Note 1			Note 2	Note 3	Note 4		Note 5	Note 5				Note 6	Note 6	Note 6	Note 6	Note 6	Note 6		
High	Public Outreach	Public outreach programs for all jurisdictions	ALL	ALL	3	N/A	ALL	ALL	N/A	LMS Work Group	\$10K			✓				Continuous	E
High	Police Dept. Relocate and EOC construction	Reconstruct PD facility to include City Command EOC	2, 7, 8, 9,11, 12, 15	2	5	N/A	ALL	V	1V	Police	\$16M					✓	Funding		E
Medium	Relocate Fire Station #2	Construct new fire station outside flood zone	2, 7, 8, 9,11, 12, 15	2	5	N/A	ALL	V	3V	Fire	\$5M					✓	Funding		E
Medium	Directional signs for island evacuation	Acquire four signs for three bridges and roadways	2, 7, 8, 9,11, 12, 15	5	4	N/A	3,4	V	6V	Public Works	\$60K					✓	Funding		E
Low	City Hall generator and computer vehicle	Emergency operations for city communications	2, 7, 8, 9,11, 12, 15	2	5	N/A	3,4	V	7V	City Hall	\$500K					✓	Funding		E
Low	Relocate PW to PD after new PD complete	Harden Structure and retrofit for PW Admin.	2, 7, 8, 9,11, 12, 15	2	5	N/A	3	V	8V	Public Works	\$4M					✓	Funding		E
Low	25-GPS units for city departments	Provide tracking of critical facilities in emergency	2, 7, 8, 9,11, 12, 15	5	5	N/A	3,4	V	12V	Utilities	\$6K					✓	Funding		E
High	Radio upgrade for the city department	Provide optimum radio communications	2, 7, 8, 9,11, 12, 15	5	5	NA	ALL	V	21V	Utilities, Fire, Police, PW	\$490K					✓	Funding		E
Low	Second House Program	Partner coastal with inland residents during emergencies	2, 7, 8, 9,11, 12, 15	5	1	N/A	3	V	23V	City Hall	\$10K					✓	Funding		E
Low	Relocate 7 west production wells	Construct out of flood prone area	2,7,9,11	2	5	N/A	ALL	V	24V	Utilities	\$3.5M					✓	Funding		E
Low	Relocate water plant elevated tank	Upgrade support system to prevent against flood and wind	2,7,9,11, 12,15	2	5	N/A	ALL	V	26V	Utilities	\$725K					✓	Funding		E
Low	Upgrade Chuck Reiter elevated tank	Upgrade support system to prevent against flood and wind	2,7,9,11, 12,15	2	5	N/A	ALL	V	27V	Utilities	\$76K					✓	Funding		E
Low	Modify Pinebrook booster station	Waterproof and upgrade communication system	2, 7, 8, 9,11, 12, 15	2	5	N/A	ALL	V	28V	Utilities	\$50K					✓	Funding		E
Low	Coastal Area Redevelopment Study	Post disaster study	2, 7, 8, 9,11, 12, 15	5	2	N/A	ALL	V	29V	Dev. Service	\$50K					✓	Funding		E
Low	Coastal Compliance Program	Public education for retrofit and construction activities	2, 7, 8, 9,11, 12, 15	5	3	N/A	3	V	30V	Building	\$30K					✓	Funding		E
High	Island Basin SW Improvement	Evaluate and Install box culverts and Flamingo Ditch	2,7,9,11	6	2	SWFWMD, City	ALL	V	31V	Stormwater	\$1.6M		✓					FY14	E
High	Deertown Gully Construction	Study Deertown Gulley area and construct mitigation	2,7,9,11	6	2	CIP, SWFWMD	ALL	V	33V	Engineering	\$2M		✓					FY14	E
High	Island Basin SW Improvement Program	Improvements to Outfall 13	2,7,9,11	6	2	CIP	3	V	35V	Engineering	\$750K				✓			FY15	E
Medium	Coastal Land Acquisition Program	Purchase properties and preserve for open space	2,7,9,11	1	4	N/A	3	V	36V	Engineering	\$425K					✓	Funding		E

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												New	Completed	In progress	Deleted	Deferred	If Deferred, Why?		
Note 1			Note 2	Note 3	Note 4		Note 5	Note 5				Note 6	Note 6	Note 6	Note 6	Note 6			
High	Island Basin SW Improvement Program	Design and replace pipes at outfall 12 Laguna/Osprey	2,7,9,11	6	2	CIP	3	V	37V	Engineering	\$2.3M				✓		Funding		E
Medium	Island Basin SW Improvement Program	Replace pipes at Aldea Mar	2,7,9,11	6	2	CIP	3	V	38V	Engineering	\$100K				✓				E
Low	Relocate RO Water Plant	Construct facility out of the flood zone	2,7,9,11	2	5	N/A	ALL	V	42V	Utilities	\$40M					✓	Funding		E
Medium	Sanitary Sewer Project	Rehab sanitary system to prevent inflow into ground/sw system	2,7,9,11	2	5	N/A	ALL	V	43V	Utilities	\$350K		✓					2016	E
Low	Ajax property 2MGD booster station	Provide service to east side of town, construct interconnect with county	2,7,9,11, 12,15	2	5	SRF/ Revenue	3	V	44V	Utilities	\$7.4M	✓						2019	E
Low	Eastside 1MGD storage tank and pumps	Provide service to east side of town	2,7,9,11, 12,15	2	5	N/A	3	V	44V	Utilities	\$1.5M					✓	Funding		E
Low	Venice Evacuation Study	Study to address the need for hurricane shelters in city	2,7,8,9,11, 12,14,15	5	1	N/A	ALL	V	50V	Planning	\$50K					✓	Funding		E
High	Fire Station 1 Replacement	In flood zone, rebuild to code	2,7,9,11, 12,15	3	5	N/A	ALL	V	55V	Fire	\$5M					✓	Funding		E
High	Relocate PW to PD after new PD complete	Harden Structure and retrofit for PW Admin.	2, 9, 11,12, 15	2	5	N/A	3	V	57V	Public Works	\$4M					✓	Funding		E
Medium	Airport Generator	Provide adequate energy for airport operations	2,7,8,9,11, 12,15	2	5	N/A	ALL	V	58V	Airport	\$500K		✓				P	Funding	E
Medium	Airport Ramp and Apron Lighting	Provide adequate lighting during disasters	2,7,8,9,11, 12,15	2	5	N/A	ALL	V	59V	Airport	\$1M					✓	Funding		E
Medium	Storm shutters for Airport buildings	Wind protection during hurricanes	2,8,9,11, 12,15	2	5	N/A	ALL	V	60V	Airport	\$150K					✓	Funding		E
Low	Hurricane Tolerant Handbook	Update the 1994 hurricane study	9	5	3	N/A	ALL	V	61V	Planning	\$15K					✓	Funding		E
High	New Public Works Complex	Built before hurricane code move to east side of town	2,7,8,9,11, 12,15	2	5	N/A	ALL	V	62V	Public Works	\$8M					✓	Funding		E
High	Remove Invasive Species	Prevent infrastructure damage during high winds	2,8,9,11, 12,14,15	4	4	N/A	3,4	V	63V	Public Works	\$75K					✓	Funding		E
Medium	Purchase Portable Generators for Lift Station	Provide emergency back up power outage	2,7,8,9,11, 12,15	5	1	N/A	ALL	V	64V	Utilities	\$450K					✓	Funding		E
Medium	Hurricane Shutters for Water Plant	Secure building for hurricanes	9,12,15	2	5	N/A	ALL	V	65V	Utilities	\$32K					✓	Funding		E
High	City Hall Reroof	Roof not built to code and condition is deteriorating	2,7,9,11, 12,15	2	5	N/A	ALL	V	66V	Public Works	\$600K					✓	Funding		E
Medium	Sanitary Sewer Project	Rehab sanitary manholes to prevent infiltration into system	2, 7, 9	5	5	N/A	3	V	68V	Utilities	\$5.5M		✓					2016	E
Low	2nd sanitary force main under Intracoastal	Add a secondary force main to add to secondary redundancy	2, 7, 9	5	5	N/A	3	V	69V	Utilities	\$500K					✓	Funding		E
Low	2nd sanitary force main under I-75	Add a secondary force main to add to secondary redundancy	2, 7, 9	5	5	Utilities revenue	3	V	70V	Utilities	\$500K		✓					2020	E
High	Venice beach Outfall 1 Alhambra Outfall 2	Stormwater diversion to provide treatment and protection.	2, 7, 9, 11	6	2, 4	City Grants	3	V	71V	Engineering	\$500K		✓					2015	E
High	Hatchett Creek Restoration	Remove cement and invasive species on creek bed	2, 7, 9, 11	4, 6	1, 2, 4	County Grants	3, 4	V	72V	Engineering	\$300K		✓					2015	E

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												New	Completed	In progress	Deleted	Deferred	If Deferred, Why?		
Note 1			Note 2	Note 3	Note 4		Note 5	Note 5				Note 6	Note 6	Note 6	Note 6	Note 6	Note 6		
Medium	Venice Communication Enhancement Utilities	Install fiber optic cable in existing and extended conduit	2, 7, 9, 11,12, 15	5	1	N/A	3	V	73V	Utilities	\$750K		✓					2014	E
High	Westgate Drainage	Stormwater pump improvement flood protection	2, 7, 9, 11	6	2, 4	City / Grants	3	V	74V	Engineering	\$1M		✓					2016	E
High	Reinforce Airport Hangars	Reinforce existing airport to meet hurricane standards	2, 7, 9, 11,12,15	2	2, 5	City / Grants	3	V	75V	Airport	\$1M	✓							N
High	Construct New T-Hangars	Construct new T-Hangars meeting hurricane standards	2, 7, 9, 11,12,15	5	2	City / Grants	3	V	76V	Airport	\$1.5M	✓							N
High	Replace Airport Admin. Building	Replace existing Airport Admin. Building to meet hurricane stds.	2, 7, 9, 11,12,15	5	2	City / Grants	3	V	77V	Airport	\$1M			✓				2019	E
High	Relocate Airport Maintenance Facility	Relocate existing Airport Maint. Facility to meet hurricane stds.	2, 7, 9, 11,12,15	5	2	City / Grants	3	V	78V	Airport	\$650K	✓							N
High	Airport Avenue Drainage Project	Upgrade existing drainage facilities to mitigate flood in evacuation route	2,7,9,11	6	2	City / Grants	3	V	79V	Airport	\$700K					✓	Funding		N
Medium	Live Oak Dr. Stormwater Improvements	Upsize existing stormwater pipes to reduce flooding	2,7,9,11	6	2	SRF/ Grants	3	V	80V	Engineering	\$600K					✓	Funding		E
High	Nokomis Ave. South Stormwater	Upsize existing stormwater pipes to reduce flooding	2,7,9,11	6	2	CIP/ Grants	3	V	81V	Engineering	\$1.1M			✓					E
Medium	Outfall 9 Improvement	Study the drainage basin and increase the infiltration pond size	2,7,9,11	6	2	CIP/ Grants	3	V	82V	Engineering	\$500K					✓	Funding		E
Medium	Golf Dr. Stormwater Improvements	Upsize existing stormwater pipes to reduce flooding	2,7,9,11	6	2	CIP/ Grants	3	V	83V	Engineering	\$750K					✓	Funding		E
High	Airport Northeast Drainage Project	Upsize existing stormwater pipes to reduce flooding	2,7,9,11	6	2	CIP/ Grants	3	V	84V	Airport	\$750K					✓	Funding		N
High	Relocate PW to PD after new PD complete	Harden Structure and retrofit for PW Admin.	2, 7, 9, 11,12,15	2	5	N/A	3	V	85V	Public Works	\$4M					✓	Funding		E
Medium	Beach Erosion Hot Spot Alternatives	Alternate erosion evaluation and construction	1,2,7,9	5	5	Grants	3	V	86V	Engineering	\$4M	✓					Funding		N
LOW	Mobile Command Unit	Design and Purchase a Mobile Command Unit for use during special events and emergencies.	2, 7, 8, 9,11, 12, 15	2	5	N/A	ALL	V	1V	Police	\$500K	✓							N
Medium	Valencia Rd. Stormwater Improvements	Upsize existing stormwater pipes to reduce flooding	2,7,9,12	6	2	CIP/ Grants	3	V	83V	Engineering	\$850K	✓				✓	Funding		N

Exhibit B

**City of Venice
Floodplain Management Plan**



CITY OF VENICE

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City of Venice

Floodplain Management Plan

Presented for Adoption by Venice City Council 9/12/2017

Prepared by City of Venice Engineering/Stormwater Department

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- C: Figure 1 - Regulatory Flood Map
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- D: Local Mitigation Strategy (LMS) Project Update and Action Plan
- E: Program for Public Information (PPI) Schedule, Outreach Templates, and Outreach Project Worksheet
- F: Flood Response Projects (FRP) Schedule and Outreach worksheet
- G: Flood Insurance Analysis (FIA)

FLOODPLAIN MANAGEMENT PLAN

INTRODUCTION

Community Resources

The City of Venice occupies approximately 16.7 square miles (land) of southern Sarasota, in Southwest Florida, between Tampa and Fort Myers. Its westward border is the Gulf of Mexico. The City of Venice was incorporated in 1927, after expansion of the railroads, and has experienced a steady growth rate since 1930; the largest occurring between 1950 and 1960 when the population grew from 727 to 3,444 people. The latest statistics from the U.S. Census Bureau estimate the 2015 population of the City at 22,211. However, as with most coastal communities in Florida, the City experiences an increase in population during the winter months, with the most recent estimates being approximately 8,538 part time residents.

The City is situated in a subtropical climate and, as such, experiences distinct wet and dry seasons. The wet season extends from June through September. During this period the City receives approximately two-thirds of its annual 50-inch rainfall. Topography in the area is generally flat and low, with elevations ranging from sea level to 20 feet. The average elevation of the island is 13 feet Navigation Geodetic Vertical Datum (NGVD), while the mainland averages 15 feet NGVD.

The initial stormwater system for the City of Venice was installed in 1926, when the Brotherhood of Locomotive Engineers began its intensive development of the City following designs by architect and city planner, John Nolen. As part of the development, main drainage canals were constructed in the existing sloughs, and the outlet to Curry Creek was improved.

Rapid growth of the city and the resultant reduction in vacant land available for development, coupled with a less than average rainfall for several years, have encouraged people to settle in flood hazard areas. As development has spread within and around the city, large amounts of land have been covered with an impermeable surface such as parking lots, roofs, driveways, streets. A greater number of teardowns and rebuilds have elevated structures within the floodplain, however, they have also tended towards bigger homes with maximum allowed lot coverage. Not only have these manmade structures covered previously absorbent surfaces, they have also removed much of the existing vegetation. This vegetation normally acts to slow the rate of runoff and to allow a greater portion of rainfall to be absorbed into the ground. There has also been a call to allow for more lot coverage on residential Single Family homes, types RSF-1 and RSF-2, to 35%. The additional lot coverage impacts have the potential to increase runoff from the lots for properties that are not required to obtain either a Southwest Florida Water Management District Permit (SWFWMD) or provide pre-development versus post-development runoff calculations.

The City of Venice is divided into five major drainage basins which are defined as the Hatchett Creek, Curry Creek, Shakett Creek, Myakka River and Island of Venice

stormwater basins. The Hatchett Creek drains into the southern portion of the mainland area discharging into the Intracoastal Waterway (ICW), just south of Roberts Bay. The mainland's northern section is drained via the Curry Creek basin using the Blackburn Canal and Curry Creek to discharge into Dona Bay. The eastern portion of the City drains into Shakett Creek and the Myakka River. The Island of Venice basin drains into the ICW and the Gulf of Mexico.

The City of Venice has a unique geography in that a substantial portion of the city's boundary is surrounded by water. The City has almost 4 linear miles of coastline along the Gulf of Mexico, unobstructed by barrier islands. The City also has 2 linear miles of bay shores that are part of a major estuary, and approximately 4 miles of ICW. These waterways include the Gulf of Mexico, Venice Inlet, Curry Creek, Myakka River, Hatchett Creek, Roberts Bay, and the West Coast ICW. These water bodies improve the community by providing an enhanced environment consisting of shorelines, estuaries and woodlands, which allow habitation for wildlife. The water bodies also provide the community with a multitude of water and beach related activities including fishing, swimming, boating, shell and shark tooth hunting, and sunset watching.

There are a number of federal and state lands within the City which are considered environmentally sensitive by the Florida Department of Environmental Protection (FDEP), as are areas continuous with river systems, bays and harbors.

Economy and Tax Base

The population of the City is currently 22,465. It is expected that the population will soon witness a large increase due to annexations of areas east of I-75 at Laurel Road. Most residents in the City of Venice are employed in the service sector, the medical industry, or government. Compared to other cities, the City has a high percentage of older, primarily retired residents, with a median age of 67 years.

According to the U.S. Census Bureau, the cost of living index in Venice, as of July 2016, is 96.0 (U.S. average is 100). Per Capita income is \$41,469 (2016 US Census Bureau). The Unemployment Rate is 4.7 percent (2016 City of Venice CAFR, Statistical Schedule 13). According to the Sarasota County Property Appraiser's office, the 2016 Average Market Value is \$265,721 for single family Residential parcels, and \$276,341 for Residential Condominium Parcels in the County. The Taxable Value by Municipality is \$3,817,208,295 for the City of Venice.

The City collects ad valorem taxes through a millage rate. In fiscal year 2010 the total budget was estimated at \$59,267,325. The City sets aside enough reserve funds to support operating costs for up to 3 months.

Land use patterns

Based on current figures obtained from the City of Venice COMP Plan 2017-2027 (City of Venice, Florida, Inventory of Existing Land Uses), the city's land use patterns are shown in table 1 below.

Table 1: Land Use

Existing Land Use Category	Acres	% of total
Agricultural	2456	0.8
Airport	440	0.0
Office	56	0.9
Commercial	159	1.6
Golf Courses	805	0.1
Government	107	0.3
Industrial	882	1.7
Institutional	137	0.5
Mobile Home	74	9.8
Miscellaneous	120	1.7
Multi-Family Residences	129	1.5
Single-Family Residences	3685	75.2
Submerged / Partially Submerged	0	0.0
Utilities / Infrastructure	183	0.3
Vacant / Open Space	557	5.3
ROW / Roadway / Drainage	147	0.4
Total Land	9937	100

CRS COMMITTEE ESTABLISHMENT

In order to improve the effectiveness of floodplain management, outreach efforts, and the number of flood insured properties, City Council approved and adopted Resolution No. 2014-27 on August 12, 2014 to create a Joint Floodplain Management Plan (FMP), Program for Public Information Plan (PPI) and Coverage Improvement Plan (CIP). The Committee is referred to as the CRS Committee in the remainder of this document. A planning document was prepared to organize the activities and goals for the CRS Committee and is attached in Appendix A. The planning document was distributed to City Council, discussed during the adoption process, and referred to for guidance during committee meetings. A public meeting was held on November 20, 2014 for draft review prior to adoption.

The duties and responsibilities of the CRS Committee are: to provide opportunities for the public to comment on the plans; coordinate with other agencies; assess local flood hazards; assess local flooding problems; set goals; and, draft an action plan. During August and September 2014, the CRS Committee met 7 times prior to adoption of the plans, and conducted additional review of the plan documents through e-mail distribution. All meetings were publicly posted and open to the public. In addition, the creation and meeting information was provided to the local media and was published for the general public. The plans were presented to City Council at a public meeting with an opportunity for public comment during the meeting proceedings. The plans were published prior to the City Council meeting in the Agenda Packet to give an opportunity for additional public input prior to the formal adoption or update of the plans. Documentation of the CRS

Committee activities during this time, including the adopting ordinance is included in Attachment B.

The CRS Committee was created to address specific target audiences in order to more effectively evaluate the current outreach activities for effectiveness and to recommend areas of improvement to be incorporated into the plan documents. The Building Official serves as the Floodplain Administrator for the city. However, floodplain management duties have been delegated to the City Engineer as they relate to flood zone determinations, review and approval of elevation certificates, flood insurance coverage evaluation and public outreach activities. CRS Committee members are appointed by the City Engineer with the intent to provide a broad spectrum of experience and perspective.

The following members are currently serving on the CRS Committee:

City CRS Committee Members:

- **Floodplain Management Office** – Kathleen Weeden, PE, CFM, City Engineer and Stormwater Utility Director, and floodplain communication
- **Planning & Zoning** – Scott Pickett, AICP, Senior Planner
Mr. Pickett is a certified planner for the City of Venice with experience preparing hazard mitigation plans, hazard response plans and comprehensive planning.
- **Building Department** – Greg Schneider, MCP, CFM, Deputy Building Official
Mr. Schneider supervises the plan review and inspection staff and is responsible for reviewing flood related criteria for building permits to verify that the proposed construction is consistent with FEMA and city code requirements.

Public Sector Committee Members:

- **Flood Insurance**
Renee Halback, Shaefer Insurance Agency
Ms. Halback is an insurance agent who has held a 215 License (Life Inc. Var. Annuity & Health) since 1999, and 220 General Lines License (Property & Casualty) since 2000. Ms. Halback writes flood insurance policies and advises her clients on flood insurance related issues.
- **Real Estate and Flood Insurance**
John Meyers, Berkshire Hathaway, Real Estate
Mr. Meyers is a Realtor with Berkshire Hathaway in the City of Venice and has 14 years prior experience as an Allstate Insurance agent and 10 years prior experience as a Realtor with Remax in Indiana. He has been a resident of Venice since 2013 and is becoming more acquainted with flood hazards, flood zones, and the need to carry at least minimum flood insurance.
- **Financial Lending Institute**
Mark Hampshire, Capital Bank, Asst. Vice President
Mr. Hampshire has several years in the lending industry, beginning with Sun Trust Bank and now as the Assistant Vice President of Capital Bank in Venice.

- **Building Industry**

Robert Yoho, The Damex Corporation

Mr. Yoho is a state certified building contractor and Mold remediator. He also holds certificates in water damage restoration, lead renovation, repair and painting. He is a member of the American Indoor Air Quality (AIAQ) Council and has been an OSHA "Train the Trainer" since 2010. Robert has been a resident of SWFL since 1975.

- **Building Industry**

Mark Hawkins, Hawks Nest Construction, Inc.

Mr. Hawkins is a state certified building contractor who complete remodels and new construction within the city. Mr. Hawkins is active in local building associations.

- **Commercial/Business Industry**

A position has previously been held by representatives from Publix Supermarkets. This position is now open

City Staff Liaisons:

- Lorraine Anderson, Communication and Marketing Officer
Ms. Anderson has delegated the day to day communication planning and outreach to Ms. Weeden for floodplain management activities. Ms. Anderson will also issue any formal press releases that are issued for the CRS program.
- Gillian Carney, Stormwater Engineering Research Analyst, CRS Coordinator
Ms. Carney is a Certified Floodplain Manager. She completes committee related activities such as drafting the plans and revisions, incorporating committee and public recommendations in the plan documents, preparing agendas, meeting minutes and outreach material preparation and distribution.

Members of the public and press are invited to attend and provide input at all meetings. The public is further informed through articles published in the local newspapers, through interviews, and attendance at the meetings. The City Clerk's office posts the Notice of Meeting, Agendas and Minutes of each meeting on the city website and on the City Hall bulletin board.

HAZARDS

Hazards cannot be eliminated, but it is possible to determine what the hazards are, where the hazards are most severe, and identify local actions that can be taken to reduce the severity of the hazard. For example: we know that hurricanes are frequent in Florida, that flooding and wind damage are most severe along the coast, that low intensity storms occur more frequently than high intensity storms, and the level of coastal flooding is fairly predictable for a given magnitude of storm. Given this knowledge, local as well as state and federal laws exist to limit the type and amount of development along the coast in areas that have been identified as high risk to coastal zones (Coastal High Hazard Areas and Velocity Zones are examples). Furthermore, there are incentives to live in lower risk areas; Insurance rates and taxes are usually higher in coastal and ravine areas, and lower in inland areas.

Hazards also have associated costs:

Cost to Communities

Hazards can have real costs to businesses and residents. Businesses in high hazard areas can suffer when damaged or isolated by storms. Residents who build in flood-prone areas are subject to evacuation, damage to their homes, lower home values, and higher insurance premiums. Businesses risk potential loss of income and impact to employees. Vital community functions such as police or utilities may be impacted, and there remains the potential for secondary hazards created by power outages, road closures, downed trees and power transmission lines, responder communications issues, school closure, evacuation shelters required, phone service outages, water distribution issues and public transportation closures. Critical facilities such as hospitals, schools, airports, utilities and major government buildings should not be placed in high hazard areas because the functions these facilities provide are too valuable to be placed in jeopardy – especially during a disaster. Community health and safety are paramount.

Costs to Local Government

Community infrastructure such as roads, drainage structures, water and sewer lines, electric lines, gas lines and telephone lines that are built in high hazard areas are subject to frequent damage and costly repair. The federal government can withdraw the community's access to federal insurance for both public and private structures if a local government belonging to the National Flood Insurance Program (NFIP) allows development in the floodplain without proper evaluation and construction techniques. The local government is responsible to carry the necessary insurance on City owned infrastructure. However, other assistance is given to states and localities during a declared major disaster or emergency. In the event of undeclared disasters or emergencies, the local government is required to cover 100 percent of the costs incurred from the event. These costs can put a significant strain on the local government budget.

Risk Assessments

The City experiences seasonal flooding, as do many areas of Florida. For planning purposes, all of Sarasota County is considered flood prone by the Sarasota County Department of Emergency Management.

Areas located near the coast, adjacent to bays, inlets, creeks, rivers, or portions of the Intracoastal Waterway (ICW) are more prone to flooding. The city's island portion is much more susceptible to flooding than the mainland due to the close proximity of the Gulf of Mexico and Roberts Bay, which are susceptible to impacts from storm surge.

Flooding in the community, either major or minor, from The Gulf of Mexico, Hatchett Creek, Curry Creek or the Myakka River, could have a significant impact on the population, property and economy; cleaning up, making repairs, personal losses and health concerns can cause great stress to both individuals and the community.

During a flood there may be a significant threat of drowning, but floodwaters could also cause wastewater treatment facilities to shut down, contaminate local water supplies and disrupt utilities. Significant floodwaters may submerge portions of I-75, US41 and east-west highways, hindering evacuation routes and relief efforts and making it difficult to provide emergency response services.

Flooding can also have hazardous post-disaster conditions. The major features of flooding that impact the extent of damage are the flood depth, duration, and contaminant type and concentration in the flood water. Standing water and prolonged dampness provide breeding grounds for bacteria, viruses, mold, dust mites, mosquitoes, cockroaches and rodents. These can cause disease, trigger allergic reaction, and continue to damage materials long after the flood. The effects on common building materials come during and after the flood. During the flood, water-borne contaminants like sewage, simple household chemicals, or petroleum and oil products from motor vehicles, can spread with the flood water and adhere to building materials, causing extensive damage and expensive repair. Buildings that were not flooded but have leaking roofs or pipes which allow water to penetrate are also susceptible to mold growth and may have mold contamination in interior wall cavities or ceilings.

Flooding from Hatchett Creek generally occurs from the East Gate subdivision to the West and adjacent to the Myakka River in the northeaster section of the City. Historical aerials from the 1940's and 1950's show that Hatchett Creek was rerouted to allow for residential development. As a result, homes were built on EauGaille and Myakka sands which are very deep, very poorly drained, slowly permeable soils. Soils in East Gate are poorly drained and have a seasonal high water table at 6 to 18 inches, for 1 to 3 months of the year, and within 40 inches for 2 to 6 months of the year. Properties that have been developed adjacent to the Myakka River have been designed based on a flood study performed by Kimley Horn Engineering Consultants, and the region has been designed to account for modeled flood stages. Residential structures and the community center in this area have been elevated above the required flood elevation and an extensive drainage system has been constructed to meet the 100 year flood stage conditions.

Road and low-lying areas along Curry Creek are known to have past flood problems. The areas include Bay Indies Mobile Home Park, Roberts Bay Estates, and Mobile City estates. As redevelopment occurs, the 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.

Rapid growth of the City and the resultant reduction in vacant land available for development, coupled with less than average rainfall for several years, have encouraged people to settle in flood hazard areas. As development has spread around the City, large amounts of land have been covered with impermeable surface such as parking lots, roofs, driveways and streets. A greater number of teardowns and rebuilds have elevated structures within the floodplain, however, they also have tended towards bigger homes

with maximum allowed lot coverage. Not only have these manmade structures covered previously absorbent surfaces, they have also removed much of the existing vegetation. This vegetation normally acts to slow the rate of runoff and to allow a greater portion of rainfall to be absorbed into the ground. There has been a call recently to allow for more lot coverage on residential single family homes, types RSF-1 and RSF-2, to 35%. The additional lot coverage impacts have the potential to increase runoff from the lots for properties that are not required to obtain either SWFWMD permits or provide pre-development versus post-development runoff calculations. These properties that are not required to meet SWFWMD are required to submit signed and sealed drainage plans to the city building department as part of the review process.

The population of the City is currently 22,465. It is expected that the population will increase to 23,982 due to annexations of areas east of I-75 at Laurel Road. The annexation area is sparsely developed and mostly industrial and agricultural at this time. However, major residential and commercial development is expected to occur within the next 5 to 10 years. As the development plans are submitted they will be carefully reviewed for negative impacts on the watershed, natural resources and natural floodplain.

As the City continues to grow, the stormwater system is expanded to meet the demands. The system functions successfully in most areas, however some localized flooding still occurs. Flooding issues are being addressed through implementation of the stormwater master plan, administered by the Stormwater Management Utility.

There are a few critical facilities located in a flood zone that could be subject to flooding. The Sarasota County Department of Emergency Management maintains a Critical Facilities Inventory (CFI) for the County. Critical facilities in Venice include, but are not limited to: City Hall, fire stations, a police station, water production plant and water storage tanks, distribution / collection center and wastewater plants, sewer lift stations, an airport, a hospital, urgent care facilities and a well-field data center. For security purposes, inventory and specifics about each critical facility are available on a secure county database. During a flood event risks to critical facilities, such as assisted living facilities and hospitals, would include communication and evacuation issues caused by phone or power outages and road closures. Vital community functions such as police or utilities may be impacted, and there remain the potential for secondary hazards created by power outages, road closures, downed trees and power transmission lines, responder communications issues, school closure, evacuation shelters required, phone service outages, water distribution issues and public transportation closures.

The warm watery environment, which provides so many benefits to both the human and animal communities, can also impact those same communities with weather conditions that can cause property destruction and loss of human life due to tidal surges and hurricane winds.

The fact that the City has such a large senior population means that there are special requirements during evacuations and recovery from flood events.

Although the City sets aside enough reserve funds to support operating costs for up to 3 months, major disasters have the potential to quickly deplete this source and negatively affect the City's economy for many months.

Hazard Analysis

The City has exposure to several different types of hazards:

1. Tropical Cyclone / Hurricane Events

A Gulf Coast landfall is one of the three most likely Florida hurricane tracks, as based on planning models. Hurricane season is from June through November. Among the hazards analyzed in this section, hurricane activities pose the greatest threat to the broadest population in Venice. The probability of a hurricane event varies from low to high depending on the time of year and seasonal climate. During a hurricane event, the entire population of Venice would be at risk. A category 3 hurricane would cause flooding of the most heavily populated portions of the City. A category 4 or 5 hurricane would cause flooding almost to the I-75 corridor. Depth of flooding, and velocity vary with each hurricane event and accompanying storm surge. Hurricane and tropical storm watches are issued several days in advance, allowing residents, visitors, and commercial property owners plenty of time to prepare.

2. Floods

- a. The City experiences seasonal flooding during the rainy season, as do many areas of Florida. A flood event can occur any time there is significant rainfall, and especially as a result of a hurricane. The majority of riverine flooding, within the Hatchett Creek, Curry Creek and Myakka River basins, appears to be along the major drainage ditches and the surrounding low-lying areas. Areas located near the coast, adjacent to bays, inlets, creeks, rivers, or the ICW are more prone to flooding than inland areas. The probability of a flood event varies from low to moderate depending on the time of year and seasonal climate, and the impact of a flood event varies from low to moderate depending on location within the City. The circumstances for flooding occurring on the island area of the City are substantially different than those to mainland areas, due to lower finished floor elevations, older infrastructure (storm pipes) and greater impervious ratio. Increased impervious areas have also greatly increased the possibility of flooding throughout the city. Depth of flooding, and velocity vary with each flood event. Hurricane and tropical storm watches are issued several days in advance, allowing residents, visitors, and commercial property owners plenty of time to prepare.
- b. Flooding from Hatchett Creek generally occurs from the East Gate subdivision to the West. Flooding in this area has resulted from Hatchett Creek overflowing its banks. Road flooding has occurred on East Venice Avenue between the intersections of Grove Street and Warfield Avenue, and on Grove Street in the Housing Authority. The impact to the Housing Authority property has been reduced due to tearing down of the existing structures, and replacement with elevated structures and floodplain modeling to verify floodplain compensation

impacts are addressed. Warning time is sometimes limited by the quick development of afternoon rain events.

- c. Road and low-lying areas along Curry Creek are known to have past flood problems. The areas include Bay Indies Mobile Home Park, Roberts Bay Estates, and Mobile City estates. Residents generally have sufficient warning time to evacuate.

3. Severe Weather

Heavy rains, winds and other storm action are frequent in Florida, especially during the summer months. Tropical storms and hurricanes can spawn tornadoes and wind bursts; Florida has the second highest record of tornadoes in the United States, although Venice does not have a high incidence of tornado activity. In 1982 a tornado killed 1 person and injured several others just east of the city limits. A wind event occurred on April 8, 2008, when a wind burst caused damage to a restaurant on East Venice Avenue and damage to 15 nearby mobile homes. An EF2 tornado touched down in Siesta Key on Jan 18th, 2016 with winds estimated to have reached 70mph. There was localized flooding but no damage was caused to business in Venice. A flood event can occur any time there is significant rainfall. The majority of riverine flooding, within the Hatchett Creek, Curry Creek and Myakka River basins, appears to be along the major drainage ditches and the surrounding low-lying areas. Areas located near the coast, adjacent to bays, inlets, creeks, rivers, or the ICW are more prone to flooding than inland areas. The probability of a flood event varies from low to moderate depending on the time of year and seasonal climate, and the impact of a flood event varies from low to moderate depending on location within the City. The circumstances for flooding occurring on the island section of the City are substantially different than those to mainland areas, due to lower finished floor elevations, older infrastructure (storm pipes) and greater impervious ratio. Increased impervious areas have also greatly increased the possibility of flooding throughout the city. Warning time, depth of flooding, and velocity vary with each flood event.

4. Wave Action and Beach Erosion

Beach erosion usually occurs during summer tropical storms and hurricanes, however, erosion is known to occur during winter cold front storms. Lesser storms can also bring wave action that causes flooding, and waves can seriously erode natural barriers over time. VE zones, which are subject to wave heights of 3 feet or more, are located along the City's westward boundary - the Gulf of Mexico. Warning time, depth of flooding, and velocity depend on the strength of the waves. Beach erosion facilitates flooding, and the extent and location are determined by the area and amount of erosion.

5. Storm Surge

Storm surge occurs when a storm's winds push sea water toward the shore. The advancing surge combines with normal tides to create a hurricane storm tide, raising the average water level 15 feet or more. Storm surge can be hugely destructive. Sand dunes can be washed out, buildings near the coast can be toppled, and the surge can push flooding miles inland through rivers and back bays. Storm surge occurs along

the coastline, the City's westward boundary, the Gulf of Mexico. Depth of flooding depends on the strength of the tropical storm or hurricane. Hurricane and tropical storm watches are issued several days in advance, allowing residents, visitors, and commercial property owners plenty of time to prepare.

6. Dams and Levees

The City lies just outside a Myakka reservoir dam inundation zone. If the dam were to breach, sections of the mainland part of the City could potentially see flooding. It is expected that the extent of the flooding would be minimal, although the flooding could be greater if combined with a severe weather event. The depth of flooding, velocities, and warning time would vary with each event. Venice has never yet been subjected to a dam breach.

7. Climate Change and Sea Level Rise

International discussions and studies about changes in sea level rise and climate change theorize that these should be considered as potential risks, especially in coastal communities.

Hazard History

The City's most common hazards are hurricanes, tropical storms, beach erosion, tornadoes, storm surge and flooding. The City has experienced numerous events over the years that have caused flooding, from minimal street flooding to significant flooding of roadways, making them impassable, and impacting structures. The primary events are listed in table 2, Flood History:

Table 2: Flood History

DATE	Event Name	Description
10/24/1921	A storm that originated in the western Caribbean Sea.	This storm produced high tides (approximately 7 feet). Wave action resulted in heavy damage throughout Sarasota County.
9/19/1926	An un-named hurricane.	This was a 10-year storm in which 8 inches of rain fell in a 24-hour period, resulting in flood damage of more than \$1 million.
6/26/1943		7.48 inches of rain fell in a 24-hour period
6/23/1945		10.80 inches of rain fell in a 24-hour period.
9/10/1960	Hurricane Donna	Resulted in flooding throughout the county. Tides ran more than 3 feet above normal, rains totaled between 5 to 7 inches and pre-storm rainfall of almost 10 inches contributed to flooding.
9/21/1962		7.37 inches of rain fell in a 24-hour period. Total storm rainfall over the 3-day period was 13.83 inches. . The storm caused flood damage to houses in Sarasota County.
10/21/1968	An un-named storm.	Considerable flood damage
6/18/1972	Hurricane Agnes	Caused flood damage due to high tides and 5 inches of rain.

DATE	Event Name	Description
6/18/1982	The "No Name Storm"	6 inches of rain and 60 mph winds in Sarasota County with little warning.. The storm created high tides and caused structural flood damages.
8/28/1985	Hurricane Elena	Hurricane Elena hovered over the west coast of Florida for 6 days. Aug 28 – Sept 4, 1985 and brought rainfall of more than 11 inches, requiring the evacuation of 37,000 people.
10/28/1985	Hurricane Juan	Hurricane Juan caused 25 to 35 foot swells in the Gulf of Mexico, and subsequent coastal flooding.
10/16/1987	Hurricane Floyd	Hurricane Floyd brought heavy rains and string winds, resulting in flooding.
11/20/1988	Tropical Storm Keith	Tropical Storm Keith brought rain and strong winds, creating tidal surges 4 feet above normal
6/23/1992		11 to 23 inches of rain fell within a 15-hour period, causing minor flood damage.
6/23/1993		June 23-26, 1993. Rain exceeded the 100-year, 24-hour storm event with 11.82 inches of rain falling in a 24-hour period.
7/18/1995		Approximately 9 inches of rain fell within a 15-hour period causing minor flood damage.
9/7/1995		Rainfall of approximately 2 to 3 inches in 1-hour.Caused localized flooding and approximately \$5,000 worth of property damage (NOAA National Climatic Data Center).
11/1/1997	El Niño event.	Caused 10 to 12 inches of rain to fall within a 24-hour period, causing flooding throughout Sarasota County. Nov/ Dec 1997
8/12/2000		Rainfall of 4 to 6 inches over a 6-hour period caused localized flooding of low roads.
9/15/2001	Tropical Storm Gabrielle.	Gabrielle reached tropical storm strength mid-day on Sept 13th, while located about 175 nautical miles SW of Venice. Gabrielle's center made landfall near Venice about 1200 UTC on Sept 14th. The storm strengthened to about 69 MPH just before landfall. Caused storm surge and localized street flooding.
5/1/2003		Rain events - May, 2003 caused a lift station to fail and water /sewer damage to a local church that sits along Hatchett Creek.
9/5/2003	Tropical Storm Henri	Caused flooding that created flooding problems in the East Gate area and intermittently closed sections of Venice Avenue.

DATE	Event Name	Description
8/13/2004	Hurricane Charley	A Category 4 storm, struck Punta Gorda. Due to the compact nature of the storm and the quick course change, the rain and wind impacts to the City of Venice were minimal.
9/5/2004	Hurricane Frances	A very large, slow moving Category 2 storm. Although the eye did not impact the City directly, several inches of rainfall caused some flooding and wind impacts within the County
9/19/2004	Hurricane Ivan	A strong Category 4 storm, made landfall near Gulf Shores, Alabama. Although the storm remained west of Venice, beach erosion was experienced here.
9/26/2004	Hurricane Jeanne	Caused flooding impacts although the landfall was on the East coast of Florida, near Stuart.
10/24/2005	Hurricane Wilma	Hurricane Wilma made landfall in Florida near Cape Romano, and moved across the peninsular in less than 5-hours. The location of the landfall was far enough south of Venice that winds and rain were minimal.
11/7/2006		Afternoon rains on November 7, 2006: Afternoon rains caused roadway and structure flooding along East Venice Avenue.
6/2/2007	Tropical Storm Barry	Tropical Storm Barry made landfall near Tampa, dropping a few inches of rain and creating high surf conditions along the west coast of Florida, including Venice.
3/27/2008	A rain event.	Caused flooding along East Venice Avenue.
8/19/2008	Tropical Storm Fay	Tropical Storm Fay made landfall in Florida, south of Naples, and moved northeast with rainfall amounts in excess of 20 inches on the east coast. Because of the path of the storm, there was minimal impact on Venice.
5/1/2009		Rain events during the month. May, 2009 caused localized flooding of structures and roadway along East Venice Avenue, between U.S. 41 By-pass and Warfield Avenue.
6/1/2012	Tropical Storm Debbie	June, 2012. Caused downed trees and flooding. No evacuation notice issued. 1 home destroyed, 35 homes damaged. No injuries or fatalities. No Critical facilities impacted. Beach Road was the only road closure.
8/1/2012	Tropical Storm Isaac	Flooding at Flamingo Ditch. Beach erosion. August, 2012
9/1/2013	A heavy rainfall event	Caused flooding, 2 beach outfall ponds to be overtopped, and beach erosion. Sept, 2013

DATE	Event Name	Description
9/27/2014	A heavy rainfall event	The Myakka River at Myakka State Park reached 8.75 feet on Monday, Sept 27-29, 2014. Sunday reading of 8.5 feet. Its flood stage is 7 feet. The only place closed in the city because of flooding was Venice Myakka River Park, which is at the east end of Laurel Road in North Venice. There were no official road closures in the city of Venice.
8/5/2015		Myakka River continues to stage above action level of 6.5ft. There were no road closures in the City of Venice.
1/18/2016	EF2 Tornado	An EF2 tornado touched down in Siesta Key in Sarasota County with winds estimated to have reached 70 mph, according to the NWS. 111 to 135 mph. 300 business throughout the county were damaged.
6/6/2016	Tropical Storm Colin	Tropical Storm Colin made landfall near Deckle Beach in Taylor County, moving at 20mph. Venice was impacted by rain, strong winds, and an unusually high tide, creating tidal surges 3 feet above normal and localized flooding.
8/31/2016	Tropical Storm Hermine	Tropical Storm Hermine (later Hurricane Hermine) caused flooding within the City in the vicinity of Flamingo Ditch, Tarpon Center and S. Jetty Park.
7/31/2017	TS Emily	Tropical Storm Emily swept through Florida after a whirlwind landfall on July 31, 2017, featuring heavy rain and some local wind damage.
8/4/2017	Myakka River Flooding Event	The Myakka River rose to the point that all walkways were under water with no safe access to the floating dock. Sarasota County Parks & Rec closed the park and sent out media notices.
8/25/2017	Low pressure system	Approximately 20 inches fell over a period of 5 days, resulting in flooding in various areas of the City.

Hazard Prevention Activities

The City coordinates Floodplain Management efforts with the Southwest Florida Regional Planning District and the committees responsible for creating the city of Venice Comprehensive Emergency Management Plan (CEMP), the City of Venice Evaluation and Appraisal Report, the Stormwater Management Plan, and the Sarasota County Unified Local Mitigation Strategy (LMS). These were all used as resources for this Floodplain Management Plan.

In 1984, the City of Venice adopted the Flood Damage Prevention Ordinance. This ordinance establishes the minimum standards and requirements for land management, building standards, and control measures in order to minimize flood damage to public and private property. The ordinance was updated significantly in 2006, with all revisions reviewed by the Florida Department of Emergency Management (FDEM). Minor updates were completed in 2010.

In 2006 and 2012, Ordinances 2006-34 and 2012-18 were adopted to include stormwater management and flood related requirements as part of Section 86-230, Subdivision Design Standards. Section 86-232 requires disposal of surface water, maintain any natural watercourses and provide that historic drainage patterns from adjacent properties shall be maintained. In addition, 86-233 applies the standard that no net encroachment into the floodplain, up to that encompassed by the 100-year vent, which will adversely affect conveyance, storage, water quality or adjacent lands will be allowed. Any required compensating storage shall be equivalently provided between the seasonal high water level and the 100-year flood level to allow storage function during lesser flood events. Section 86-233(n) further defines that the post-development run-off shall not exceed the pre-development runoff for a 25-year, 24-hour storm event including the requirement for drainage calculations to support compliance. Section 86-233(n) further requires that the proposed development runoff may not additional impact areas of existing flooding or ponding nor negatively impact adjacent property.

In 2013, Ordinance 2013-27 amended Chapter 98-Floods, in its entirety. Chapter 98 encompasses all things flood related and is cross referenced with associated chapters dealing with the environment (chapter 34), stormwater management (chapter 74-241), and buildings and building regulations (chapter 90). The Florida Building Codes adoption have been adopted in Section 90-20 of the city Code of Ordinances. In addition, Chapter 98-48 was updated to incorporate all of the flood related elements specifically into the city Code of Ordinances by Ordinance 2013-27. Chapter 98 has subsequently been amended by Ordinance 2017-11, dated 6/13/2017. This ordinance reduces the time period of Cumulative costs for Substantial Improvement from ten (10) years to one (1) year. All revisions have been reviewed by Florida Department of Emergency Management (FDEM) to verify that the local flood ordinance complies with state and federal requirements.

The City of Venice participates with Sarasota County in preparing and implementing a Local Mitigation Strategy (LMS) as part of the Sarasota County Unified Local Hazard Mitigation Plan. In addition to the planning process and public meetings described in the Sarasota County Unified Local Mitigation Strategy 2016, the city incorporates the Floodplain Management Plan into the LMS document and has adopted the LMS to serve as the formal guide for the city's hazard mitigation activities. The LMS project list and Venice Floodplain Management Plan portions of the LMS were updated by adoption of Resolution 2014-35 approved by the City Council 9/9/14. Resolution 2014-39, adopted on December 9, 2014, approved and adopted a combined Floodplain Management Plan that incorporates the Program for Public Information and flood insurance Coverage Improvement Plan into the document and the LMS. This process of adopting the LMS project list and Venice Floodplain Management Plan portions of the LMS will continue annually; the next resolution is scheduled for the September 12, 2017 City Council meeting.

In addition to the planning process needed for the Sarasota County Unified Local Mitigation Strategy, the city's comprehensive plan provides policy direction on emergency management and natural resource protection.

The comprehensive plan has an Emergency Management Element which includes the following policies that are directly relevant to floodplain management and mitigation planning.

- Policy 1.3 Emergency Preparedness Plans. The City shall annually evaluate and update, as necessary, the Comprehensive Emergency Management Plan, Sarasota County Local Mitigation Strategy, Floodplain Management Plan, and National Flood Insurance Program (NFIP) Community Rating System.
- Policy 1.4 Development Planning Practices. The City shall continue to evaluate the potential impact of tropical events on its buildings and land areas and update its planning practices and report its findings. Areas to focus on include: [several areas listed including Special Flood Hazard Areas].
- Policy 1.9 Public Awareness and Education. Maintain public education efforts regarding awareness and preparation for disaster and emergency events including community awareness presentations, the annual hurricane workshop, City website and newsletters. Educational efforts should include information about [several topics listed including Flood Insurance].
- Policy 1.10 Community Hurricane Planning. Continue to pursue funding for the implementation of the hurricane mitigation projects listed in *Creating a Hurricane Tolerant Community*. Annually update the plan based on most current best management practices, community needs and City goals.

Policy 1.3 has been implemented on an on-going basis. As of August 2017, the city is in the final process of updating its Comprehensive Emergency Management Plan, and the preparation of this plan represents another implementation of the policy. In addition, the city is currently coordinating with Sarasota County on the preparation of a Sarasota County Post Disaster Redevelopment Plan. As part of the planning process the City held meetings with representatives from outside agencies, including the Red Cross, SWFWMD, FDEP, Florida Fish and Wildlife (FWC) and the Charlotte Harbor National Estuary Program. The representatives provided input and support to the City's long-term comprehensive plan goals and objectives.

The City adheres to a higher regulatory standard by using the more conservative required finished floor elevation from the currently adopted FIRMs and the riverine model results. This standard prevents new and substantially improved homes from being constructed with a finished floor elevation lower than the proposed 100-year Special Flood Hazard Area (SFHA).

Section 90-104 of City Code requires that the floor of all structures must be built a minimum of 15 inches above the crown of the adjacent road, and section 98 of City Code requires that stormwater management systems requiring a SWFWMD permit be designed such that the post-development run-off does not exceed pre-development runoff for rate and/or volume for a 25-year, 24-hour storm event.

The City also has a 1-year cumulative 50% rule that evaluates the value of the structure for properties that are not currently in compliance with the regulatory minimum floor

elevation, to regulate substantial improvements and additions. New construction and substantial improvement require submittal of an Elevation Certificate while under construction and at finished constructed. The ECs are reviewed by a Certified Floodplain Manager (CFM) prior to approval of certificate of occupancy (CO). If construction is located in a velocity zone, the applicants' certification of construction, signed and sealed by a Florida licensed engineer, must be submitted. If the structure is elevated, a statement of non-conversion must be provided by the property owner prior to final CO.

In addition to regularly meeting with the countywide CRS committee, the City periodically discusses mitigation strategies with Sarasota County, the SWFWMD and FEMA.

Available studies regarding climate change and sea level rise are periodically evaluated with assistance from the Florida Floodplain Managers Association, through publications and information provided at the annual conference.

COASTAL EROSION

Coastal populations, development, and infrastructure in the United States have increased dramatically since World War II, and it is anticipated that the population of coastal communities will increase by another 10 million by 2020 (National Oceanic and Atmospheric Administration, 2013, pp.3-5). As growth and density increase, so does the risk for major disasters resulting from the combined efforts of wind, flooding and erosion. The National Flood Insurance Program (NFIP) has covered in excess of \$500 billion in assets in coastal floodplains around the nation.

Coastal erosion is a complex physical process shaped by both natural processes and human intervention. From a development standpoint, littoral transportation – the movement of material by waves and currents – causes problems by removing material from where people would like to have it, to less desirable places.

Venice Beach is re-nourished on a regular basis in order to establish a fixed dune and stabilized beach system to provide flood protection to the coastal community during storm surge events. The most recent beach nourishment was completed in 2015. Additionally the existing stormwater beach outfalls are regularly evaluated to look for opportunity to improve the function of the drainage system and to verify proper operation of the existing facilities. This project is being performed in partnership with the Army Corp of Engineers and the FDEP as funding partners. The next re-nourishment event is scheduled to be completed in 2024-2025.

International discussions and studies about changes in sea level rise and climate change theorize that these should be considered as potential risks, especially in coastal communities.

Available studies regarding climate change and sea level rise are periodically evaluated by the City, with assistance from the Florida Floodplain Managers Association (FFMA), through publications and information provided at the FFMA annual conference.

Erosion can be episodic and geographically targeted: a major storm can erode a stretch of coastline 100 feet or more in a day, only to be followed by accretion over the next decade. Meanwhile a short distance either up or down the coastline, there may be no shoreline change. Historically, the nation's shorelines have been receding at an average rate of slightly more than 1 foot per year (Leatherman, 1993).

Historical shoreline change is considered to be a crucial element in studying the vulnerability of a given shoreline. A map of the historical erosion for the city of Venice is included as Appendix C, Fig 2. The map was created from data used in a shoreline change analysis for the USGS National Assessment Project.

Coastal dunes and beaches provide protection to inland development by breaking waves and dissipating the effects of storms. Their preservation is important to protect property from damage and destruction.

Coastal erosion and flooding are related processes that can increase the risk of damage to structures. Once the coastline has shifted inland, flood elevations for the same magnitude storm will be higher further inland and can cause additional damage. With this greater exposure caused by erosion, waves and storm surge can be of sufficient magnitude to destroy a house that might otherwise have survived had it been constructed to higher regulations.

The importance of a wide beach in reducing the damage to structures from hurricanes and tropical storms is widely recognized. Dunes that are not covered by well-established vegetation will be more vulnerable to wind and flood damage than one with well-established vegetation.

Property owners and developers must be made aware of the hazards, and the methods for mitigating them. The City of Venice does this through our PPI in the following ways:

- Elevation Certificates, based on the current FIRM and FIS, are kept on file, and on the City's website, available for residents, developers and contractors.
- Notifying residents, through our twice annual utility mailer flyer (OP#7), that they can call for a flood zone determination obtain a more complete picture of their risks, notifying them of their flood and coastal erosion hazards, the importance of regulations as property protection measures, and offering property protection, mitigation, and mitigation funding advice.
- Outreach projects to all residents, as well as targeted outreach to owners of structures in the repetitive loss area, Homeowners Associations, Realtors, Insurance Agents, the Spanish speaking population, and Condo owners. This outreach covers all of the PPI topics.
- The local Board of Realtors discloses flood hazards to prospective purchasers, and distributes the City's flyer (OP#12), "Flood Hazard: Check before you buy." This flyer, along with similar outreach projects to the general population, has information on the

City's hazards, floodplain regulations, how and where to obtain information on the flood hazard for their prospective home, flood protection, and flood insurance.

- The City has flood protection information on the City's website, and also in documents in the reference section at the City library. The material covers known flood-related hazards, coastal erosion hazards, and property protection and mitigation measures.
- The City offers technical advice and assistance on flood protection to our residents, through scheduled appointments in the office, via telephone or through site visits and detailed follow up. How to obtain this advice is included in the OP#7, mailed twice a year to all City residents.
- The City's plan for promoting the purchase of flood insurance is covered in our PPI, FIA and CIP. The plans consists of outreach materials to the general population, targeted outreach, and annual review of insurance coverage and effectiveness of outreach materials.

The City maps the Erosion Control Line (ECL), Coastal Construction Control Line (CCCL) and General Permit Line (GPL) established along our entire coast line. They ECL is used during state permitting, along with the CCCL and GPL, to minimize construction in coastal erosion high hazard areas. Information regarding all three lines is also given as part of every flood zone determination. Ultimately, these maps will be available to the general public via the City's website.

Preservation of the natural function of floodplains and waterway systems is essential to reduce impacts from flooding. Open space also provides additional percolation of stormwater and reduces the quantity of runoff that could otherwise contribute to flooding. The Conservation and Open Space Element of the comprehensive plan has numerous policies which address the reduction of impervious surface areas, protection of native habitats, low-impact development site design practices, wetland and aquifer recharge areas protection, natural drainage, and channels protection. These identified elements have been specifically identified with the intention of protecting and preserving these important resources.

Open space preservation is addressed in the City's 2017 Comprehensive Plan. The Comprehensive Plan has identified that the City will maintain a minimum of 7 acres of dedicated or designated park per each 1,000 functional population. Subdivision regulations require a certain amount of open space within developments that have reduced lot size (30% for cluster housing, and 50% for townhouses). Preservation Open Space enhances the natural function, reduces stormwater run-off, provides recreation and protects wildlife.

Sand dunes, which the City defines as "a mound or ridge of loose sediments, usually sand sized, lying landward of the beach and deposited by a natural or artificial mechanism," are important in providing protection to buildings along the coast. They act as natural barriers to dissipate waves and protect back-lying areas from flooding and erosion. The City mitigates the effects of erosion within coastal hazard areas by regulating construction on sand dunes through the following ordinances: Sec 98-43, Site Improvements, Utilities and Limitations; Sec 86-260, Waterfront and Coastal Area

standards; Sec 98-35, Site Plans and Construction Documents; and Sec 98-47, Other Development. These regulations permit construction or alteration on or around sand dunes only when approved by the Florida Department of Environmental Protection, and only if the an engineering analysis demonstrates that the proposed alteration will not affect the potential for flood damage, is consistent with the local beach dune morphology, and the vertical clearance is maintained between the top of the sand dune and the lowest horizontal structural member of the building.

The City maps the Coastal Erosion Areas, as established by FDEP in 2014. The City also maps the Historical Shoreline using data from the shoreline change analysis for the USGS National Assessment Project. The data has shorelines from 1883, 1942, 1977 and 1998. Erosion areas and historical shoreline change are considered to be crucial elements in studying the vulnerability of the shoreline. This data is updated as new information becomes available.

The City of Venice does not have a program of Acquisition and Relocation of buildings threatened by imminent collapse from coastal erosion. The City would only step in if a structure is marked as structurally unsafe and the property owner refused to address the safety issue as a Code Enforcement action.

The City requires that all buildings and structures in flood hazard areas not designated as Coastal A Zones shall have the lowest floors elevated to or above the design flood elevation. In areas of shallow flooding, buildings and structures shall have the lowest floor (including basement) elevated at least as high above the highest adjacent grade as the depth number specified in feet on the FIRM, or at least two feet (48 inches) if a depth number is not specified.

As part of the City's coastal erosion protection maintenance system, Venice Beach is re-nourished on a regular basis. This establishes a fixed dune and stabilized beach system to provide flood protection to the coastal community during storm surge events. The most recent beach renourishment was completed in 2015. Additionally the existing stormwater beach outfalls are regularly evaluated to look for opportunity to improve the function of the drainage system and to verify proper operation of the existing facilities. This project is being performed in partnership with the Army Corp of Engineers and the FDEP as funding partners. The next re-nourishment event is scheduled to be completed in 2024-2025.

When erosion moves the shoreline inland, water moves closer to nearby homes, businesses and public facilities, making them more vulnerable. The City's Flood Response Plan contains templates of messages to be disseminated prior to an anticipated flood event, but there remain additional opportunities for the City to examine storm hazards, and formulate workable and effective means of mitigating them. Assistance is also provided during a storm event, making sand bags available to residents, and site visit assistance by members of the Stormwater / Engineering team.

REPETITIVE LOSS AREAS

The City of Venice has 16 repetitive loss properties; all are on the island, with 15 located along the coastline and 1 further inland. All 16 properties are in the SFHA. A repetitive loss property is defined in section 501 of the 2017 CRS manual as any property “for which two or more flood insurance claims of more than \$1000 have been paid by the National Flood Insurance Program (NFIP) within any 10-year period since 1978.” Of the 19 repetitive loss area properties previously reported, 3 properties were mitigated in 2007 and are no longer on the repetitive loss list.

Severe Repetitive Loss Properties are defined by Congress as “those 1-4 family properties that have had four or more claims of more than \$5,000 or two to three claims that cumulatively exceed the building’s value.” The City of Venice has 11 properties in this category. These properties are located mainly in the coastal areas, with 1 property located inland.

The City of Venice has 169 insurable buildings in the Repetitive Loss Areas. There are 7 Repetitive Loss Areas that have been identified as illustrated in Figure 3, Appendix C. Of these areas, 6 are located directly along the Gulf of Mexico and one is located inland.

The repetitive losses, as identified by FEMA and the NFIP, have been analyzed to evaluate potential causes and opportunities for mitigation. After reviewing the repetitive losses directly along the Gulf of Mexico from apparent storm surge, it was decided that the area would not be expanded beyond the affected condos. Most of the repetitive losses were only on certain first floor condo units. The one property located inland appears to be due to low elevation and inadequate drainage.

VULNERABLE PROPERTIES

All properties within the city are considered vulnerable to flooding, however, certain sections of the city represent a higher risk due to location, type of use or topography of the area. Areas adjacent to the coastline or other water bodies such as Roberts Bay, the Intracoastal Waterway, Hatchett Creek, Curry Creek, Myakka River or Blackburn Canal are considered to be more vulnerable to the risks of storm surge and riverine flooding. Areas of low topography may experience ponding or localized flooding during rain events.

Type of use vulnerabilities would be related to critical use facilities or facilities that would be of significant need before, during or after a flood event, such as grocery and hardware stores. There are a few critical facilities located in a flood zone that could be subject to loss. The Sarasota County Department of Emergency Management maintains a Critical Facilities Inventory (CFI) for the County. Critical facilities in Venice include, but are not limited to: City Hall, fire stations, a police station, water production plant and water storage tanks, distribution / collection center and wastewater plants, sewer lift stations, an airport, a hospital, urgent care facilities and a well-field data center. For security purposes, inventory and specifics about each critical facility are available on a secure county database.

The City has 169 insurable structures in the RL area. In addition to these structures, 2 commercial buildings were identified as vulnerable structures in the Hatchett Creek Master Basin Plan. The Curry Creek Master Basin Plan identified 1 residential property and 1 multi-family property as vulnerable structures. Approximately 50 to 60 residential properties were identified as vulnerable structures in the Island of Venice master Basin Plan, of which 33 are included in the RL area. Chapter 98 in the Venice City Code of Ordinance regulates development activities.

The potential dollar loss of vulnerable structures is estimated at \$200,000 for the Hatchett Creek basin, \$300,000 for the Curry Creek basin, and between \$15 and \$20 million for the Island of Venice basin. Reviews of the flood insurance claims show that the properties most affected by flooding are Coastal areas near Roberts Bay and the Gulf of Mexico.

PAST STUDIES

A series of basin plan studies were conducted in 2002. These studies were used to evaluate flooding in areas other than the RL areas, and listed structures below the finished flood elevation. Past council meetings, public workshops and newspaper articles were also analyzed in preparation of this plan. Riverine basin studies were conducted by SWFWMD, funded by FEMA, and adopted by Sarasota County, in 2009, and the City of Venice, in 2010.

A study of portions of the Myakka River basin was completed by SWFWMD and, in December 2014, FEMA posted digital copies of the proposed preliminary Flood Insurance Rate Map and Flood Insurance Study report for Sarasota County. These maps and studies have been adopted by the City of Venice, and became effective on November 4th, 2016.

NATURAL FLOODPLAIN FUNCTION PLANNING

Preservation of the natural function of floodplains and waterway systems is essential to reduce impacts from flooding. Open space also provides additional percolation of stormwater and reduces the quantity of runoff that could otherwise contribute to flooding. The Conservation and Open Space Element of the comprehensive plan has numerous policies which address the reduction of impervious surface areas, protection of native habitats, low-impact development site design practices, wetland and aquifer recharge areas protection, natural drainage, and channels protection. These identified elements have been specifically identified with the intention of protecting and preserving these important resources.

Wetlands, as defined in Chapter 9J-5.003(149) of the Florida Administrative Code, can be found in the coastal areas, near the Myakka River, and near water tributaries such as Curry Creek and Hatchett Creek. They provide an important role in reducing flooding through storage and natural functions. The City works in coordination with the Charlotte Harbor Estuary Program and other state entities to protect the wetlands within City limits. Approximately 13% of the City is categorized as a wetland, water body or drainage right of way.

In the ICW, slow speed areas protect the Florida manatee. The ICW connects to bays that are important for marine food source, fish habitat, and waterfowl nesting. Mangroves can be found along water areas throughout the City of Venice. The Mangroves provide erosion protection, water buffering, as well as filtering out upland pollutants. Mangroves are specifically protected through the FDEP.

The City's beach and sand dune system is very important for the protection of upland infrastructure and buildings, and also to support our tourist economy. These areas are habitat for scrub jays, sea turtles, and gopher tortoises which are common along our coastal areas. The City works diligently with the FWC, Mote Marine, and other agencies and non-profit organizations to protect the endangered species, while maintaining a level of service to our residents and visitors through education and code enforcement.

Federal, state, county and local regulations provide combined protection of the natural floodplain function. Army Corp of Engineers, Fish and Wildlife Commissions, FDEP, and SWFWMD all regulate development within wetland and natural watery ways including the protection of wildlife, coastal environment, native vegetation and natural function of the water way and adjacent system. Sarasota County also has regulations that are adopted within the city to protect natural vegetation systems, such as trees and mangroves, and protected species, such as the manatee protection program. Section 98-34 of city code requires that all permits from these agencies be provided prior to construction to verify that these requirements are enforced. In addition, Chapter 98 of city code limits development within the floodway and Section 86-233 requires that lots and street be designed to maximize the preservation of natural features, trees, tree masses, unusual rock formations, watercourses and sites which have historical significance.

For planning purposes, the City maps information about areas that should be protected because of their natural floodplain functions, see Appendix C, Fig 4. The critical habitat information and the National Wetlands inventory are from the Fish and Wildlife Service; the only threatened species within the City of Venice is the Loggerhead Turtle and there are currently no critical habitats within the City of Venice. There are no historic wetlands within the City, but approximately 1738 acres within the City is currently identified as wetlands. The City's Open Space data is from the Sarasota County Property Appraiser's Office, and shows all easements granted to governmental agencies, by deed, from 1995. This date is updated as information becomes available.

PRE-DISASTER PLANNING

In 1994 the City developed a study entitled "Creating a Hurricane Tolerant Community" (HTC). The HTC: reviewed the geography of the community as it relates to hurricane impacts; offered solutions to address potential disaster problems before a hurricane occurs; and found a need for strengthened communication and education efforts. In 1994 the HTC was approved by the State as the City's Pre-disaster Redevelopment Plan, in order to reduce damage and prevent catastrophic hurricane damage to the community.

In addition to the HTC, Venice also maintains a Comprehensive Emergency Management Plan (CEMP), which is updated annually. The city coordinates its disaster management

practices with Sarasota County Emergency Management under the LMS. The purpose of the LMS is to coordinate with participating jurisdictions to identify and prioritize projects and initiatives that are mitigating in nature. A mitigation project is defined as having elements that reduce the natural hazard impact to the community. Sarasota County and each municipality within the County - the cities of North Port, Venice, Sarasota, and the Town of Longboat Key, have approved the plan. The project list for 2017-2018 has been updated for incorporation into the LMS and is attached as Appendix D.

POST DISASTER PLANNING

Flooding can have hazardous post-disaster conditions. The major features of flooding that impact the extent of damage are the flood depth, duration, and contaminant type and concentration in the flood water. Standing water and prolonged dampness provide breeding grounds for bacteria, viruses, mold, dust mites, mosquitoes, cockroaches and rodents. These can cause disease, trigger allergic reaction, and continue to damage materials long after the flood. The effects on common building materials come during and after the flood.

In 2015 the City coordinated with Sarasota County on the preparation of a Sarasota County Post Disaster Redevelopment Plan. As part of the planning process the City held meetings with representatives from outside agencies, including the Red Cross, SWFWMD, FDEP, Florida Fish and Wildlife (FWC) and the Charlotte Harbor National Estuary Program. The representatives provided input and support to the City's long-term comprehensive plan goals and objectives.

OUTSIDE FUNDING SOURCES

The city acted as a participating technical partner with SWFWMD to complete a FEMA funded riverine and LIDAR topographic studies for watersheds within Sarasota County. These studies were completed and forwarded by SWFWMD to FEMA for completion of the updated digital Flood Insurance Rate Maps (D-FIRMs). The updated D-FIRMs were evaluated by FEMA and issued as preliminary D-FIRMs in the spring of 2015. A 90-day protest and appeal period was made available to the public. The maps and Flood Insurance Studies have been adopted and became effective on November 4th, 2016. The updated maps provide aerial overlays of the flood zones over properties county-wide, to provide more accurate and easily read flood maps.

FEMA has initiated a study of the Coastal A zones to evaluate the impacts of storm surge on coastal properties. The identification of Coastal A zones allows for better identification of flooding risks for coastal properties. Upon completion, the digital FIRMs will be updated to incorporate Coastal A zones as appropriate.

Beach erosion and coastal surge impacts are two hazards faced by the City of Venice. Beach re-nourishment is completed on a regular basis and reef placement was conducted in 2005 to provide protection for life and property adjacent to the beach. In 1995 the City entered into a 50-year funding agreement with the U.S. Army Corps of Engineers (USACE) to re-nourish the beaches every 10 years until 2035. Funding participation for

this important project is also provided by the FDEP. The most recent beach re-nourishment was completed in 2015. The next beach re-nourishment project is scheduled for the winter of 2024-25. Completion of the re-nourished beach provides the first line of defense to storm surge and coastal erosion impacts to coastal properties.

The Federal Disaster Mitigation Act of 2000 (DMA2000) requires all local agencies in the country to adopt a federally approved Multi-Hazard Mitigation Plan in order to receive post-disaster funds. The City of Venice complies with this requirement through our multi-Hazard, Multi-Jurisdictional, LMS Plan with Sarasota County, and the cities of Sarasota, Northport, and the Town of Longboat Key.

The FEMA Hazard Mitigation Grant Program (HMGP) provides grants to states and local governments to implement long-term hazard mitigation measures after a major disaster declaration. The purpose of the HMGP is to reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster. The HMGP is authorized under Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act. Using HMGP funds, the Venice Community Center was hardened to meet hurricane standards and upgraded for use as a special needs shelter. The Venice Community Center generator project was completed in 2013 as an HMGP project. Hurricane shutters were installed on City Hall as a past HMGP project, and the Venice Avenue Drainage project, which provided upsizing of the stormwater system and additional storage during rain events, was completed to protect an important evacuation route and to protect adjacent properties from flooding impacts. Funding was provided through FEMA HMGP grants and the FDEP. The Westgate Drainage project was completed using an HMGP grant.

In addition to regularly meeting with the Countywide CRS Committee, the City periodically discusses mitigation strategies with Sarasota County, the SWFWMD and FEMA. Additionally the City occasionally receives mitigation funding through grants or Capital Improvement Programs (CIPs) from these same agencies.

MITIGATION POLICIES AND PROCEDURES

Mitigation Strategy

The City of Venice participates with Sarasota County in preparing and implementing a Local Mitigation Strategy (LMS). The purpose of the Countywide LMS is to establish a mitigation plan to reduce disaster losses that may cross government entities. The list combines pre-disaster and post-disaster mitigation projects. All types of mitigation projects are covered, and are not limited to flooding. For the purpose of this Floodplain Management Plan, only the flood related goals and objectives are addressed here:

LMS Work Group Goals

1. Reduce Structural Flooding

The City will continue to assess RL areas and find ways to decrease the impact of riverine and coastal flooding through Capital Improvement Projects (CIPs).

2. Reduce Flooding on Major Roadways

The City will construct projects that reduce flooding to major roadways and evacuation routes

3. Preserve Natural Habitats
 - a. The City will undertake projects that reduce impacts to natural habitats while controlling flooding.
 - b. The city will minimize developments in floodplains and wetlands.
4. Protect People from Flooding
 - a. Ensure residents, visitors, and businesses are given adequate warning of flood potentials.
 - b. Plan projects that protect lives and property.
5. LMS Plan
The City will work with the LMS Working Group to adopt, routinely update and implement the LMS Plan.

LMS Work Group Mitigation Planning

1. The LMS work group will evaluate and review ongoing mitigation practices as stated above.
2. The LMS work group will ensure that public funds are used in the most efficient manner by:
 - a. Evaluating and prioritizing mitigation projects, starting with those sites facing the greatest threat to life, health and property.
 - b. Utilizing public funding to protect public services and critical facilities
 - c. Utilizing public funding for projects on private property, where the benefits to the community exceed the cost.
 - d. Determining ways to maximize the use of outside funding sources.
 - e. Maximizing owner participation in mitigation efforts to protect their own properties
 - f. Encouraging property owner self-protection measures in preparing for storms and other hazards.
3. The Repetitive Loss area will be evaluated:
 - a. All property owners in the RL area shall be advised that an analysis will be conducted, and their input requested, on the hazard and recommended actions.
 - b. The City will coordinate with agencies or organizations that may have plans or studies that could affect the cause of impacts of flooding such as the SWFWMD mapping, FEMA D-FIRM update and FEMA Coastal A Risk mapping.
 - c. Each building in the RL will be visited and basic data collected. Protection measures, or drainage improvements, will be reviewed to determine whether alternate approaches are feasible.
 - d. The findings of the review will be documented, with a separate analysis for each area.
 - e. An annual evaluation of the RL activities is to be conducted, with an update of the RL areas every 5 years.

City of Venice Current Mitigation practices

The City of Venice continues activities in the following mitigation practices: Preventive Activities; Property Protection; Property Protection Advice; Financial Assistance Advice; Emergency Services; Structural Projects; Natural Resource Protection, and public outreach through the Program for Public Information (PPI).

1. Preventive Activities

Preventive Activities keep flood problems from getting worse. The use and development of flood-prone areas is limited through planning, land acquisition or regulation. Preventive activities are administered by Building, Planning & Zoning and Engineering Review.

The City has adopted codes that require new and substantial improvement to meet the a higher regulatory standard than that required by the CRS, and thereby reduce the potential for flood risks. The higher standard is comprised of riverine model adoption, a requirement to elevate the structure 15 inches above the crown of the adjacent road, 1-year cumulative evaluation for substantial improvement, velocity zone certifications by a FL licensed engineer, non-conversion certifications for elevated construction, and post-development volume and rate requirements to reduce downstream and upstream impacts. Section 98 of the City Code was also updated to meet required Florida Building Code requirements, and to verify compliance with FDEM models.

Flood zone determinations are completed by a Certified Floodplain Manager (CFM), and a comprehensive evaluation of the available resources is completed to verify both the FIRM and the regulatory finished floor elevations. As part of the flood zone determination process, residents are provided information about flood zone, FIRM, minimum required finished floor, higher regulatory standard, adjacent flooding, repetitive loss areas, flood insurance, natural systems and coastal protection zones. The flood zone is designated for regulatory purposes to be the more conservative of the FIRM or the adopted floodplain riverine studies that have been transmitted to FEMA for incorporation as part of the digital map update program (D-FIRM). In addition to requiring compliance with the proposed flood zone elevations based on the model results, the city also conveys information about the additional 15" above crown of adjacent road that must also be met to comply with city code for new construction and substantial improvement.

Coastal areas are enforced by regulation from the NFIP and the Coastal Barrier Resources Act (CBRA). The Coastal Zone Protection Act of 1985 dictates the distance that structures can be located, based on the Coastal Construction Control Line (CCCL) as approved by the state on July 18, 1978. City Code also regulates development in the coastal high-hazard areas, or V-zones, as defined by the FIRM. Permitting is based on the Flood Zone Map of the Adopted Regulatory Floodplain as shown in Appendix C, Figure 1.

Construction permitting requires an approved permit from the SWFWMD. All redeveloped lots with elevated structures must have a Stormwater Site Drainage Plan certified by a Professional Engineer. All sites are required by the City to provide a yearly site inspection report verifying that privately owned stormwater management systems are operating as

originally designed, and receiving appropriate maintenance. Any sites that are neglected or not in compliance are reported to SWFWMD and brought to the City's code enforcement board for enforcement.

The State of Florida addresses coastal development in the Florida Statutes through implementation by the FDEP rule 62B-33 Florida Administrative Code. The statute establishes a Coastal Construction Control Line (CCCL) wherein development seaward of the line is subject to FDEP review to ensure that Coastal construction minimizes the adverse impacts to beach-dune systems and adjacent properties and is designed to meet hurricane resistant building standards. An Erosion Control Line (ECL) has also been established along the Venice shoreline that further limits potential structure construction. Extensive review of all building permits proposed seaward of the CCCL or ECL line is conducted by FDEP Beaches & Coastal Systems to verify compliance with the stringent state administrative code. (City permit require and approved CCCL permit or exemption prior to approving building permits for properties located seaward of the CCCL.)

All construction must conform to the latest adopted Floodplain Ordinance, Engineering Design Standards, Subdivision Regulations, Zoning, and all other applicable city codes. These regulations include setback requirements, special infrastructure design, and prohibited uses. Further evaluation from SWFWMD related to floodplain compensation natural system impacts and post-development stormwater regulating increase the effectiveness of the City codes. The USACE further reviews impact to protected wetlands, and the FWC and FDEP review impacts to protected species.

Open space preservation is addressed in the City's 2017 Comprehensive Plan. The Comprehensive Plan has identified that the City will maintain a minimum of 7 acres of dedicated or designated park per each 1,000 functional population. Subdivision regulations require a certain amount of open space within developments that have reduced lot size (30% for cluster housing, and 50% for townhouses). Preservation Open Space enhances the natural function, reduces stormwater run-off, provides recreation and protects wildlife.

2. Property Protection Activities

Property protection flood insurance flood activities are achieved through public information notices and personal discussions with potential and existing property owners. Twice annually a flyer is mailed to all residents that receive a utility bill informing them of the flood hazard in the area and encouraging flood insurance purchase. As part of hurricane and flooding awareness, information is provided to residents through the Venice City E-News and posted on the City website in May of each year. Property owners in the repetitive loss area are notified annually by mail of their options for flood insurance, retrofitting, mitigations and flood preparation.

Education opportunities for realtors and insurance agents are accomplished through public speaking engagements and mailings. In addition, mandatory floodplain handouts detailing the flood insurance requirements for properties within the SFHA along with numerous FEMA brochures are provided at numerous locations including the Engineering

Department, City Hall lobby, Venice Public Library, and distributed in bulk to area Board of Realtors and Insurance Agents. Disclosure brochures are provided to real estate agents to alert potential buyers of floodplain impacts and insurance needs.

Eleven (11) structures in the SFHA were demolished between October 2016 and September 2017. Three (3) structures were mobile homes, eight (8) of the structures were single family residences, of which 6 were Pre-FIRM structures. These structures were replaced by the property owners with compliant structures sufficiently elevated to meet the minimum FFE and reduce potential flood losses.

3. Emergency Services

Hurricanes, with their associated flooding potential, are the most common large-scale emergency situations that the city must prepare for. The Sarasota County Department of Emergency Management is the responsible authority for developing and administering hurricane preparedness planning through the Comprehensive Emergency Management Plan. The plan establishes uniform policy and procedures for coordination throughout the county and with all local governments in county limits. Select officials from the City of Venice are stationed at the Sarasota County Emergency Operations Center (EOC) during emergencies. The Sarasota EOC operates through a technologically advanced system. The EOC has access to on-line meteorological services, is equipped with an emergency satellite communication system, and can deliver television feed to area communities.

The City is partner in a statewide mutual aid agreement for catastrophic disaster response and recovery. If mutual aid is deemed necessary, the city attorney will review and present specific requests to City Council. Mutual aid can also include cooperation from federal entities.

Depending on the seriousness of the emergency, the City of Venice incident commander may choose an alternate local site for the emergency operations center (EOC) from a number of mobile or fixed locations. This choice would be more likely for a localized rain event than a county-wide hurricane event.

Every year, prior to hurricane season, the City of Venice, conducts a free hurricane seminar for the public. The seminar is advertised through press releases to the local media, by local stakeholders, on the City website, and in the Venice City E-news.

Prior to the arrival of a storm, the City of Venice Police Department and the Sarasota County Department of Emergency Management are charged with notification and orderly evacuation of citizens and visitors in the affected zones, and establishing and monitoring evacuation routes. The CodeRED® system is put into place at this time as well, notifying residents and visitors of evacuation. Alerts are also sent to, and issued by, the National Weather Service and through NOAA weather radio alerts. Residents and visitors that are told to evacuate are encouraged to find the shortest route to the closest open public shelter. Links to evacuation maps are on the City website, they are advertised throughout the year – especially prior to hurricane season – and at the annual hurricane seminar. Annual readiness training and drill are completed in conjunction with Sarasota County to

assure the city is ready to respond prior to and following any hurricane, flood or other emergency event.

In the event that there is proper warning time before a storm, residents are advised to protect their property from potential wind or flood damage. This advice is reiterated in annual mailings to utility customers and at the annual hurricane seminar.

In August 1998, Sarasota County Emergency Management Department completed installation of an Automatic Rainfall Management System (ARMS), a virtual weather system that is linked to a satellite system and ultimately provides a picture of how much rain will fall in a specific area. There are 53 gauges in the network. The gauges function as an early warning system for storm related coastal surges and riverine flooding. There is a link to these real-time gauges on the city website.

The city has the capability to interact with our own and other agencies through an 800 MHz Truck Radio System. With this system in place, communication between city police, public works, utilities, and emergency vehicles are possible. All city department directors and supervisors also carry cell phones and are able to communicate as long as towers are still standing.

The Southwest Florida Regional Planning Council completed a Hurricane Evacuation Study in 2010. It includes information such as shelter listings, evacuation routes, and clearance times. The Study also included updated Sea, Lake, and Overland Surges from Hurricanes (SLOSH) model. The SLOSH model includes mapping that shows hurricane surge limits for all county residents. The study can be found at http://www.swfrpc.org/evac_study.html.

4. Natural Resource Protection Activities

In 2009 the City acquired a 10-acre abandoned cement plant property along Hatchett Creek near the ICW. This property was reclaimed as open space and is now Legacy Park. Concrete debris and invasive species were removed to allow restoration of the natural state including wetland restoration. The site had several structures with finished floors below the required minimum elevation within the SFHA that were vulnerable to flooding. These structures were demolished and the area converted to open space, or replaced with compliant public restrooms, picnic pavilions, a multi-use trail, playground, and parking amenities, to allow this area to function as a public recreation area.

The Venice Avenue Drainage project was completed in 2010. As part of this project, the City acquired a 1.43-acre site with an existing commercial structure with a finished floor below the required minimum elevation. The structure was demolished and a pond was created to increase stormwater storage and improve water quality prior to discharge to Hatchett Creek. This site is now a pocket park with a sidewalk for residents to walk and bike around a stormwater pond that is home to numerous water birds and other wildlife. The community park has a shaded picnic area, benches and limited parking spaces, and is now better known as Ruscelletto Park. The larger combined Venice Avenue Drainage Project increased the capacity of the stormwater system to remove routine flooding within the critical evacuation route, and address the issue of street flooding that routinely

threatened the commercial businesses along the corridor. This project was funded by SWFWMD and FEMA through a HMGP. Additional CIPs to protect vulnerable structures and evacuation routes have been included in the LMS project list, and the City will continue to look for funding opportunities to complete these high priority mitigation projects.

Venice Beach is re-nourished on a regular basis in order to establish a fixed dune and stabilized beach system to provide flood protection to the coastal community during storm surge events. The most recent beach renourishment was completed in 2015. Additionally the existing stormwater beach outfalls are regularly evaluated to look for opportunity to improve the function of the drainage system and to verify proper operation of the existing facilities. This project is being performed in partnership with the Army Corp of Engineers and the FDEP as funding partners. The next re-nourishment event is scheduled to be completed in 2024-2025.

Hatchett Creek Restoration: This natural waterway had become seriously clogged with silt and invasive vegetation. In order to restore the effective function of this waterway and to restore the creek's natural function, the silt, exotic and overgrown vegetation and debris were removed. Native vegetation was planted to reestablish the natural ecosystem and secure the shoreline.

Impacts to wetlands are reviewed as part of the construction plan process implemented by the Engineering department. The process ensures proper mitigation and evaluates natural floodplain function impacts. In addition, tree permits through Sarasota County Natural Resources are required prior to removing existing trees, and wetland impacts are evaluated by SWFWMD with mitigation required, if applicable. The City also participates in the Charlotte Harbor National Estuary Program to restore and protect natural estuary systems in the region.

5. Structural Projects

The One-Cent Voted Sales Tax, approved by city voters, funds many major structure projects. Additionally, stormwater projects are funded through the Stormwater Enterprise Fund and often supplemented with different grant programs such as FEMA HMGP, SWFWMD and State grants. The available funds are dispersed to prioritized and ranked projects in the city annual budget approved by the City Council. Projects placed on the LMS project list are reviewed and ranked by the LMS Work Group.

- a. Structural Projects: There are no structural projects currently in progress.
- b. Other Improvements: A comprehensive evaluation of the stormwater management system is underway. Through this assessment, in conjunction with the adoption of the D-FIRMS, the city intends to expand the capital improvement program with a priority of more effective stormwater system operation and flood reduction. Currently, funding is allocated from the Stormwater Enterprise Fund to respond to on-going system maintenance needs.

6. Post Disaster Mitigation

Mitigation from flooding and other hazards such as wind, fire or surge is handled on a county wide basis. Sarasota County Emergency Management is the primary agency charged with post-disaster mitigation assessment.

- a. The Emergency Management Chief or designee has the primary responsibility for assessing mitigation needs in the post-disaster environments. The Sarasota County Property Appraiser, Sarasota County Public Works Business Center, Sarasota County Planning and Development Business Center and Municipalities are the supporting agencies that work closest with Sarasota County Emergency Management in post-disaster mitigation assessment. There are, however, a number of other local agencies that may indirectly support mitigation in Sarasota County. These agencies are listed in the Sarasota County CEMP, Annex II, Exhibit 1.
- b. Sarasota County Emergency Management serves as the coordinating organization for all post-disaster mitigation activities. Local agencies involved in these operations will vary according to the specifics of each event. Emergency Management staff will contact all agencies for post-disaster mitigation activities and notify them as to their role in these operations. Notifications can be made via telephone using the Sarasota County Emergency Management Notification Directory located in the EOC. In addition, many of the agencies will be active in the response phase of a disaster and maintain representation in the EOC as post-disaster operations are escalating. The Sarasota County Emergency Management Chief or designee will be responsible for coordinating mitigation activities with the municipalities and the State EOC. The City Managers or designee will be updated throughout the response, recovery and mitigation phases of the event. During non-event periods, meetings will be held quarterly or as required. During events, briefing meetings will be held daily or as determined based on the situation.
- c. Emergency Management will notify all supporting agencies required for mitigation assessment operations; coordinate all activities required to identify potential mitigation projects and initiatives, assist in the application process for mitigation related grants; and may serve as the grant administrator for all mitigation grants when required. The Emergency Management Chief or designee also serves as the point of contact for providing information to residents of the county describing how they can minimize damage from future disasters. Priority will be also given to identifying mitigation opportunities for any public infrastructure damaged by the disaster. These mitigation measures are eligible for funding under the Public Assistance grant program. The Emergency Management Chief or designee will coordinate on an as needed basis with the Bureau of Recovery and Mitigation at the Florida Division of Emergency Management. Although Sarasota County Emergency Management does not have any formal agreements with agencies to assist in post-disaster mitigation activities, there is an annual agreement in place with the Southwest Florida Regional Planning Council to coordinate mitigation planning activities. Local agencies within the county have historically worked together as needed in the aftermath of disasters.

- d. The Sarasota County Property Appraiser will support the Sarasota County Emergency Management by providing technical expertise regarding property values, damages and losses to properties as a result of a disaster.
- e. The Sarasota County Planning and Development Business Center along with the similar municipal departments will provide support to Emergency Management in identifying mitigation activities that could reduce the vulnerability of public infrastructure, businesses and housing stock to damage and loss from natural and manmade disasters.
- f. The Sarasota County Public Works Business Center and the Municipal Public Works Departments will assist the Emergency Management in identifying potential road, bridge, culvert and water and sewer mitigation projects.
- g. Emergency Management will serve as the organization responsible for coordinating mitigation activities for lead and support agencies. The Sarasota County Emergency Management Chief or designee is the person responsible for this task. In Sarasota County, much of the work involved in identifying opportunities for possible mitigation activities is carried out during the pre-disaster mitigation phase (e.g. during the mitigation project identification process carried out by the Sarasota County LMS Work Group). Opportunities for mitigation are also discovered during the initial and preliminary damage assessments and throughout the public assistance processes. The supporting agencies noted above document damage to public infrastructure, businesses and residences working in conjunction with Emergency Management. The Sarasota County LMS Work Group, along with input from supporting agencies, then considers the information gathered during the recovery phase, and determinations are made regarding potential mitigation projects.
- h. The Sarasota County Emergency Management Chief will be responsible for coordinating all equipment and resources necessary for mitigation assessment are available when needed.
- i. Vehicles used for mitigation assessment include city and county government vehicles, fire department vehicles and personal vehicles.
- j. The following equipment is provided by Emergency Management and used for mitigation assessment: office supplies, maps and disposable cameras. Other resources may be requested on an as needed basis through Emergency Management.
- k. Equipment, vehicles and supplies necessary for mitigation activity are located throughout the county either in stations, assigned to individual personnel, or readily accessible to department personnel.
- l. Personnel involved in mitigation activities will receive on-going training according to their individual needs. Sarasota County Emergency Management will work with all mitigation assessment team members to ensure that all training needs are met. The primary source for mitigation training is the Florida Division of Emergency Management.

LMS Work Group Action Plan

Sarasota County Emergency Management is the lead agency for all mitigation activities in the county. The emergency management chief, or designee, has responsibility for

monitoring all pre-disaster and post-disaster mitigation activities, and for coordinating mitigation activities with the Sarasota County LMS Work Group.

The Sarasota County Emergency Management Chief, or designee, will be responsible for coordinating mitigation activities with the municipalities and the State Emergency Operations Center (EOC). The City managers of the City of North Port, City of Sarasota, City of Venice, and the Town of Longboat Key, or their designees, will be updated through the response, recovery, and mitigation phases of the event.

The Venice portion of the LMS Action Plan is attached as Appendix D. It is extracted from the LMS Strategy for 2017-2018, and publicly available at: <https://www.scgov.net/AllHazards/Pages/LocalMitigation.aspx>

FLOODPLAIN MANAGEMENT ACTION PLAN

This Floodplain Management Plan seeks to incorporate the best available information from all City resources and preventive activities. The action plan is listed below in Table 3.

Table 3: FMP Action Plan

Action Item	Goal 1. Protect Critical Facilities and Utilities	Goal 2. Protect Lives and Health	Goal 3. Protect homes, Businesses and Schools	Goal 4. Minimize the costs to the	Goal 5. Ensure that New Construction Supports these Goals	Deadline
Administrative Action Items						
Plan Adoption						9/30 annually
Plan Update						8/30 annually
Monitoring and Reporting	X	X	X	X	X	9/30 annually
Community Rating System	X	X	X	X	X	Each CRS visit
Program Action Items						
Drainage Improvements	X	X	X	X		Ongoing
Drainage System Maintenance	X	X	X			Ongoing

Action Item	Goal 1. Protect Critical Facilities and Utilities	Goal 2. Protect Lives and Health	Goal 3. Protect homes, Businesses and Schools	Goal 4. Minimize the costs to the	Goal 5. Ensure that New Construction Supports these Goals	Deadline
Property Protection Funding	X	X	X	X		Ongoing
Regulatory Review	X		X		X	Ongoing – at each committee meeting
NFIP Administration	X	X	X	X	X	Ongoing
CFMs	X	X	X	X	X	Ongoing
BCEGs	X	X	X	X	X	Ongoing
Flood Response Plan	X	X	X	X	X	Ongoing
Annual Mailings		X	X		X	Various, throughout the year
Technical References		X	X		X	CRS Visit
Public Information Items						
Public Information Projects		X	X		X	Ongoing
Public Information Messages		X	X		X	Ongoing

PROGRAM FOR PUBLIC INFORMATION

PLAN DEVELOPMENT:

The CRS Committee met 7 times in August and September, 2014, to develop the Program for Public Information Plan in conjunction with the Floodplain Management Plan. Steps taking during the development process are outlined in the meeting agendas, minutes and resolution adopting the CRS Committee in Appendix B. During the development process, review comments were received from Janice Mitchell, Insurance Program Specialist,

FEMA Region IV, and through the Community Rating System review process. Based on comments received then and since, this plan has been updated to include additional documentation and clarification of the processes followed in completing the Floodplain Management Plan. In addition, the Program for Public Information and Coverage Improvement Plan were incorporated into the Floodplain Management Plan for clarity and more efficient monitoring of program goals and accomplishments.

PLAN GOALS

The goal of the Floodplain Management Plan is to raise awareness in the community about local hazards, flood insurance, mitigation, and other flood related issues. In addition to addressing floodplain management issues, the Floodplain Management Plan incorporates the Program for Public Information and flood insurance Coverage Improvement Plan into one document to provide a coordinated effort. The intent of the program is to provide effective messages and complete projects that assist the public in protecting themselves from the hazards of floods through increased education, flood insurance protection, and mitigation of potential flood risk. With guidance of the Community Ratings System Coordinator’s Manual, 6 priority and 4 additional messages with local relevance have been identified to be delivered. The topics and desired outcomes are shown in Tables 4 and 5, below:

Table 4: PPI Desired Outcomes

Goal	Outcome
1	Increased awareness about local flood hazards, especially as it pertains to the individual and their property.
2	Increased number of flood insurance policies throughout the City, in both the SFHA and Non-SFHA
3	Increased awareness about flood related hazards, resulting in reduction of flood related injuries.
4	Reduction in flood insurance claims and Substantial Improvement/Substantial Damage permit requests.
5	Increased understanding of local laws and ordinances governing construction, leading to a reduction in Code Enforcement citations
6	Increased understanding of floodplain functions, and of local stormwater regulations, resulting in fewer Code Enforcement citations.
7	Increased awareness of the need for hurricane preparation, resulting in better prepared citizenry during an evacuation, and expedited insurance claims in the case of a flood event.
8	Increased awareness of flood safety resulting in better prepared citizenry during an evacuation, and reduction of flood related injuries.

Table 5: PPI Plan Goals

Msg. #	Topic		Message	Desired Goal
1	Know Your Hazard	a	Check to see if you live in the SFHA	1
		b	Flood Zone Assistance available at City	
		c	Difference between riverine and surge flooding	
		d	Localized flooding information	
		e	Insure your property for your flood hazard	
2	Buy Flood Insurance	a	Homeowners insurance does not protect against flood damage	2
		b	CRS discounts available	
		c	30 day waiting period	
3	Protect People from the Hazard	a	Do not walk through flowing flood-water	3
		b	Do not drive through flooded areas	
		c	Stay away from power lines and electrical wires	
		d	Have electricity turned off if property has been flooded	
		e	Watch your step – look out for animals and harmful insects in flood waters.	
		f	Be alert for gas leaks	
		g	Do not enter a building that has been flooded, until it has been cleared for re-entry by an inspector	
4	Protect Property from the Hazard	a	Keep driveway culverts clean and free of obstructions	4
		b	Report ditch blockages to City Public Works Dept.	
		c	Retrofit your property: Re-grade or elevate structure	
		d	Elevate air handlers, electrical boxes and water heaters	
		e	Make sure your downspouts are clear and directed away from the house	
		f	Mitigation grants are available (FAA)	

Msg. #	Topic		Message	Desired Goal
		f	Property Protection Advice is available (PPA, PPV)	
5	Build Responsibly	a	Check with Building Dept. before initiating construction or altering grades, to see if permit is needed	5
		b	Report un-permitted construction	
6	Protect Natural Floodplain Functions	a	Keep drainage area free of debris	6
		b	Do not dump or throw anything into ditches, inlets or streams	
		c	Limit use of fertilizers	
7	Hurricane Preparedness	a	Know your evacuation zone	7
		b	Inventory and photograph your home and contents, and store with insurance and important documents in a safe place	
		c	Create a safety plan, with a checklist of steps to take before, during and after a hazard	
		d	Attend the annual City sponsored Hurricane Preparation seminar in May	
8	General preparedness	a	Register for CodeRED [®] early warning notification system	7
		b	Tune into local TV and radio channels for flood notifications, or purchase a weather alert radio	
9	Elevated and Flood-vented Properties	a	Keep flood vents open and unobstructed	4
		b	Non conversion statement for areas below the required minimum finished floor	
10	Flood Education	a	Teach children about flood safety and your safety plan	8

It is important for these messages to be tailored to meet the local conditions and the appropriate target audience. Public outreach information must be reviewed and evaluated to verify that it is effectively reaching the targeted audience and provides clear messages which are more likely to change behavior. Understanding these important priority and additional messages is critical to improving the accuracy of the perceptions of the risks as they relate to flooding and other hazards. Through accurate education, residents have an opportunity to make informed decisions and effective measure to protect life and property. This plan will seek to build on those messages and add additional, locally pertinent ones as necessary. For example, additional priority outreach messages were sent as the digital flood maps were prepared, released and adopted within the city. Outreach messages will be sent as FEMA prepares and releases, and the

City adopts, the Coastal A Zone maps. These outreach messages need to be sent out in various formats and repeated through-out the year to reach the largest audience.

Target audiences were identified through discussion in the committee meetings by determining which areas would most benefit from different messages. Repetitive loss areas were identified as a high priority due to the close proximity of the Gulf of Mexico and the potential impacts of storm surge. During evaluation, groups that had interaction with property owners such as insurance agents, homeowner association and realtors were identified for targeted outreach because they had a larger opportunity to interact with the public, and it was important that they provide accurate and well informed information. Messages will be tailored to each group and are summarized in table 6 below. See Appendix E for the PPI Outreach Project worksheet.

During the CRS Committee meetings 2016-2017, it was determined that messages regarding Property Protection Advice (PPA and PPV) and Financial Assistance Advice (FAA) and should be clarified in the City’s twice annual Utility Mailer to all residents (OP#7).

Table 6: PPI Target Audiences

	Target Group	Topic #	Message #
1	Repetitive Loss area	All	All
2	Homeowners Associations	All	All
3	Realtors	All	All
4	Insurance Agents	2-10	All
5	Spanish Speaking population	2, 5	All
6	Condo Residents	All	All

FLOOD RESPONSE PREPARATIONS PLAN

PLAN DEVELOPMENT:

As a part of the Community’s Emergency Management System, the City works in conjunction with Sarasota County Emergency Management to coordinate our flood threat recognition system, storm surge map and our Comprehensive Emergency Management Plan (CEMP). The CEMP describes the methods and warning devices use to disseminate emergency warnings to the community, the flood response actions to be undertaken at different flood levels, and other information necessary to designated agencies and organizations in order to perform their assigned responsibilities.

During the CRS Committee meetings 2016-2017, it was determined that a Flood Response Preparations Plan (FRP) should be incorporated into the FMP, in accordance with CRS elements 330 (Flood Response Preparations) and 610 (Flood Warning and Response).

PLAN GOALS

The goal of the Flood Response Plan is to prepare key messages to be disseminated before, during, and after a flood, to determine how and when it is best to disseminate those messages and, ultimately, to help keep our residents safe when a flood event occurs.

The five key messages are: The risk is real; Be prepared before a flood; Have an emergency plan; Be prepared during a flood; What to do after a flood.

Sarasota County Emergency Management participates in providing information to the citizens of Sarasota County in ongoing public outreach activities. This includes the use of newspaper advertisements, public services announcements, radio spots, flyers, fairs and conferences. Presentations are made at both public and private meetings to inform attendees of mitigation activities available. The county also actively supports public education regarding building policies in flood prone areas.

The City has many outreach projects concerning the threat of flooding – but the City’s primary outreach project on flood preparation is the annual hurricane seminar which gives residents information on flood and hurricane warning and safety precautions. In addition to outreach, the County holds an annual Countywide hurricane drill, in which the City is an active participant. After the exercise, a Lessons-learned Report is submitted by each of the municipalities.

The FRP will include messages to be distributed prior to an expected flood event, during a flood event, and after a flood event. The messages will be prepared well in advance and reviewed and updated each year. The messages will be prepared in conjunction with the Topics and Messages in the PPI, as well as any in the City’s Comprehensive Emergency Management Plan. The primary methods of distribution will initially be via the City’s website and social media sites – with those messages easily shared by stakeholders, and additional methods being determined as the plan progresses.

The materials include templates and masters of handouts, mailers and press releases covering key messages that need to be disseminated before, during and after a flood, as well as written procedures explaining how the messages are to be copied and disseminated.

The FRP projects and procedures for dissemination will be reviewed, prepared, and updated by April 30th each year - prior to the City’s annual Hurricane seminar each May. In addition, the materials may be included for review as part of the annual County wide hurricane exercise.

Table 7: FRP Projects

FRP Project #	Project	When to disseminate		
		Before a flood event	During a flood event	After a flood event
FRP#1	Citywide Hurricane Seminar	X		
FRP#2	FEMA F-684 (Flood Preparation and Safety) in City Hall, Engineering Dept. & Library	X	X	
FRP#3	FEMA F-777 (Build Back Safer and Stronger) in City Hall, Engineering Dept. & Library			X
FRP#4	City Website	X	X	X
FRP#5	Forwarded Sarasota County Social media messages about flood threats and levels (Twitter, FB)	X	X	X
FRP #6	Response Plan Message Templates	X	X	X

OUTREACH ACTIVITIES

The PPI schedule and Outreach worksheet area attached as Appendix E. The FRP schedule and outreach worksheet are attached as Appendix F.

The CRS Committee was formed in August 2014 and met 7 times in August and September to provide input related to development of Updated Floodplain Management Plan including Program for Public Information and flood insurance Coverage Improvement Plan sections. The CRS Committee combines the staff expertise from the city building code, floodplain management, planning & zoning and public information with input from the insurance, real estate, construction, business and financial lending fields. Input from the general public was also included and opportunities to attend the meetings were published.

Public outreach efforts currently include:

1. Quarterly meetings of the CRS Committee will be conducted, tentatively scheduled for November, February, May and August, to review the effectiveness of the current public outreach and coverage improvement efforts and recommend improvements or additions to the program. The CRS Committee will also conduct an annual evaluation/update of the existing plans with a formal update of the plans completed every 5 years. Documentation of the CRS Committee activities are included in Appendix B.
2. A pamphlet called “Understanding Stormwater and the Environment” which encourages residents to limit fertilizer use, water lawns on appropriate days, and be aware of illicit discharges into the stormwater system to protect natural function.

- The city published this in concert with a requirement of the National Pollution Discharge Elimination System (NPDES) permit program. This publication is available at the city Engineering Department and is distributed with the utility bills to all residents once a year.
3. The city periodically recruits volunteers to label inlets to reduce dumping into the waterways to protect natural function through education.
 4. The city's E-newsletter contains an article once a year that informs residents of the importance of the stormwater system and how they can do their part to maintain it to reduce flooding due to blocked inlets or drainage canals/swales and protect natural function.
 5. Twice a year, a flyer is mailed with utility bills to educate residents on flooding, the federal flood insurance program, and flood safety. A copy of the Flood Protection Information provided to all residents is included in Appendix E.
 6. A "Flood Hazard – Check Before You Buy" flyer is provided in digital format to the Venice Area Board of Realtors (VABR) for distribution to their members, mailed yearly to local realtors and copies are hand carried to VABR for distribution to their membership. This brochure is for the realtors to hand out to their clients to promote flood insurance purchase and due diligence as it relates to flooding for building purchasers.
 7. A targeted public information flyer is also provided annually to property owners within the repetitive loss areas as illustrated in Figure 2. Repetitive loss areas were identified as a target audience to attempt to reduce impacts due to flooding for the residents and NFIP program. Message includes importance of obtaining flood insurance, protecting your property from flooding and mitigation grant opportunities. A copy of the letter to repetitive loss area residents is including in Appendix E.
 8. Targeted outreach is provided periodically to homeowners' associations and other groups such as the Venice Area Board of Realtors or insurance agents. Homeowners' associations were chosen as a target area due to the opportunity to provide public outreach to communities through their homeowners' association. Information provided to the homeowners' association is then distributed to its members. The Venice Area Board of Realtors was chosen as an effective outreach to the real estate agents to improve knowledge about the importance of flood insurance and due diligence evaluation of potential flood risks to buyers and seller of properties. The insurance agents were chosen to improve knowledge regarding the importance of flood insurance and improve understanding of flood risks. Copies of letters sent to the Homeowners Association, Insurance Agents and Realtors are included in Appendix E.
 9. News releases are submitted by email to the Public Information Officer for distribution to the news media, social media, Venice City E-News and posting on the city website once the most appropriate method of distribution is determined.
 10. The city website is updated as needed with the assistance of the Building and Information Technology Departments. The website includes links to relevant publications, other governmental emergency agencies and information to assist the public with flood related issues. The website links are tested monthly and updated as needed.

11. A list of Elevation Certificates (EC's) is available electronically on the city website. This list is updated on a monthly basis, although certificates are posted upon submittal of the finished construction certificate, and are listed by street address. Historical files were also reviewed and all available pre- and post-FIRM elevation certificates in the Building Department records were uploaded to the website. New Elevation Certificates are also being attached, electronically, to building permits to provide more effective evaluation of substantial improvement requests.
12. A free hurricane seminar is conducted each May by the City of Venice. The hurricane seminar covers flood prevention, protection and insurance through a presentation by the City Engineer, a Certified Floodplain Manager. It is advertised through press releases, area stakeholders, Venice City E-News and the city website.
13. The Venice City E-News is e-mailed to residents and posted on the city website. It includes a hurricane edition that explains the evacuation process, preventive measures, flood safety, flood insurance, emergency numbers and a list of supplies that should be stocked in an emergency event. This same information is included on the city web site.
14. Once a year the following FEMA publication F-696(312) is mailed to area realtors to hand out to their clients.
15. Once a year the following FEMA publication F-217 is mailed to area insurance agents to hand out to their clients.
16. The following FEMA publications are available for distribution to all residents at the Venice library (main branch), the Engineering department, and City Hall Lobby.

Publication #	Name
F-025 (3/11)	How the NFIP Works
F-061	Your Homeowners Insurance Does Not Cover Floods
F-084 (3/11)	Answers to Questions About the NFIP
F-217 (Rev 11/12)	The Benefits of Flood Insurance Versus Disaster Assistance
F-301	Top Ten Facts for Consumers
F-671 (10-12)	Know Your Risk
F-683	Why You Need Flood Insurance
F-684 (06/12)	Flood Preparation And Safety
F-687	Flood Insurance Claims Handbook
F-696 (3/12)	Help Protect Your Customer's New Home
F-697 (8/13)	Protect Your New Home
F-777/12340-1	Build Back Safer and Stronger

17. FEMA publication F-683 (see above) is available for all residents visiting the Building department.
18. The following Spanish literature FEMA publications are available for distribution to all customers at the Latino Grocery Store at Bird Bay Plaza:

Publication #	Name (Spanish Version)
L-186S	Nada podría arruinar el disfrute de su hogar ¿Si...?
F-684S	Preparación y seguridad en inundaciones
F-061S	Su Seguro de Vivienda de Residencia no Cubre Inundaciones
F-437S	Póliza de Riesgos Preferente
F-617S	Conozca su Riesgo
F-683S	Por qué usted necesita seguro de inundación
F-679S	Resumen de Cobertura

19. Periodic notices regarding the availability of FEMA publications are emailed to area Insurance Agents and Realtors.
20. FEMA Flood Insurance Rate Maps (FIRM) are available in the Engineering Department and at the Main branch of the Venice library. The flood zone boundaries can enable property owners, residents, developers, and insurance agents to determine what flood zone a specific property is located in. They can view these maps in person, or call and ask staff for information. Trained CFMs provide individual flood zone determinations and assist the public with determining the FIRM and the regulatory floodplains. Updated FIRM's are due to be released in spring 2015.
21. An interactive model showing the riverine model results and the related updated regulatory flood zones is available on the South West Florida Water Management District (SWFWMD) website. A link to this is on the City website by searching flood or on the Engineering Department website.
22. Special efforts are made to reach the non-English speaking outlets.
23. Additional outreach provided by Venice Area Board of Realtors (e-mailing out reminders regarding disclosure requirements and insurance information, Publix Supermarket (emergency preparation guide published), Florida Power & Light (web storm and flood information for homeowners and business), hurricane guides provided by local television and newspaper, Florida SERT, Floodsmart and Sarasota County Emergency Management which provide numerous outreach materials. Links to these excellent information sources are provided on the city's website and available printed copies of the materials are made available at City Hall and in the Engineering Department. Several of the publications are also available in the Venice Public Library.

RECOMMENDED IMPROVEMENTS

The following Public Information Activities are currently underway or to be implemented based on the CRS Committee recommendations:

Public Outreach activities:

1. Continue with the current public outreach activities as summarized in the 330 Outreach Project (OP) Worksheet included as Appendix E.

2. Coordinate with surveyors and insurance agents to provide Elevations Certificates to the city for recording and posting on the city website.
3. Determining whether it would be appropriate to approach realtors and lenders requesting that EC's be recorded with deeds.
4. Do more outreach to the HOA's through their professional organizations and affiliations.
5. Evaluate and discuss the possibility of HOA's becoming CERT trained.
 - Contact HOAs to see if they are interested in becoming CERT trained by annual letter to HOAs.
6. Evaluate and discuss the possibility of stakeholders becoming StormReady supporters
7. Coordinating with local media and professional organization to provide press releases or columns for their newsletters for specific stories and events
8. Researching having a counter on the flood section of the website to determine usage.
9. Doing more public events:
 - a. Seek sponsors and geographically diverse venues throughout the city for maximum coverage.
10. Create the following maps, for both information and public outreach purposes, showing:
 - a. Repetitive loss areas (Privacy Act protected – internal use only). – to assist in identifying target areas for outreach.
 - b. Map highlighting properties coming into the floodplain when the new FEMA maps are released for outreach purposes Properties coming into the floodplain.
 - c. An overview of areas within the floodplain with uninsured properties.
11. Determine better, more locally pertinent messages to raise the community awareness of flood hazards, insurance and mitigation.
12. Encourage increased flood insurance coverage as outlined in the Coverage Improvement Plan adopted by City Council and updated annually.
13. Provide outreach to reach the hearing/sight impaired; non-English speaking and residents that are not in touch with traditional communication outlets such as computer based outreach.
14. Publicize the annual test of CodeRed® test. Prior to test, issue press release and publish on city website alerting residents to sign up prior to test. Provide telephone registration to reach residents without computer based access.
15. A series of flyers with the Target Topics and Messages is being created to use on the City's Social Media sites.
16. Beginning with CRS year 2017-2018, add an annual targeted outreach mailer to Condo Owners.

The above activities will be monitored by the CRS Committee and performed primarily by the Engineering department, in conjunction with whichever City department, outside organization and/or community stakeholder(s) that best fit the project. Funding for all city complete projects will be from the Engineering/Stormwater budget. All projects will be performed during the 2017-2018 CRS period and evaluated and revised prior to the updated Floodplain Management Plan being submitted by October 1st each year. In addition, the PPI will be updated annually with adoption by the City Council. The Outreach

project worksheet is shown in Appendix E. The worksheet lists all of the planned annual projects, along with the department responsible for implementing the project, the messages to be relayed and the desired outcome, based on the goals of this Public Information Program.

EVALUATION METHODS

The CRS Committee will meet on a quarterly basis to discuss progress towards the goals of the Public Information Plan and Flood Response Plan, and will complete an annual update of the plans based on those evaluations including the following:

1. Committee will conduct an annual review of the outreach methods, evaluate the effectiveness of the material and number of residents reached. This will be accomplished by reviewing the documents, mailing lists and any public feedback received by individual members or at the public meetings.
2. Committee will review the outreach messages to see if any improvement are required to increase clarity of the message.
3. Committee will discuss additional or improved outreach messages that should be considered based on feedback received by the committee members from the public and their personal review of the documents.
4. Committee review of the outreach documents to determine if any should be discontinued and replaced with a more effect method.
5. Target public outreach will be evaluated to discuss any proposed improvements to the documents.
6. Committee will evaluate the Target Area Map and target group list to determine if additional areas should be added or revised.
7. Committee will discuss opportunities to improve the performance of the outreach based on committee members and the public input.
8. Was there a flood event this past year? Was the public effectively informed on how to protect themselves before, during and after a flood? Committee will evaluate if there has been any new flood events through-out the year that require specific outreach.

FLOOD INSURANCE COVERAGE IMPROVEMENT PLAN

FLOOD INSURANCE IN THE CITY

There are 11467 insurable structures within the City of Venice. Data provided by Federal Emergency Management Agency (FEMA) indicates that the City of Venice has 5,109 insurance policies in force as of August 25th, 2017. Of this number, 3587 are eligible for CRS premium discounts, they are the 2,993 policies located in the Special Flood Hazard Area (SFHA) and the 594 policies in the X-STD/AR/A99 zones. The remaining 1,522 policies are considered preferred risk and are not eligible for CRS premium discounts.

The FEMA data lists an average premium of \$645 in the SFHA, \$369 in the X-STD/AR/A99 zones, and \$400 for those policies written as preferred risk. The average flood insurance premium in the City of Venice is \$540.

As a CRS class 6 community, insurance policy holders in the city of Venice are eligible for a discount of up to 20% on flood insurance premiums for policies purchased through the National Flood Insurance Program (NFIP). The number of policies for the surrounding communities, as of 8/25/2017, is provided below:

Table 8: Insurance Policies, by Municipality

Municipality	Number Of Policies	Change Since 9/14/2014
Town of Longboat Key	10,439	-397
City of North Port	2,029	-109
City of Sarasota	8,014	-393
City of Venice	5,109	+96
Unincorporated Sarasota County	39,086	-5278

Table 9 below shows the number of insurable buildings by flood zone. These figures are used for comparison with the FEMA supplied numbers of insurance policies by zone to determine which areas to target with flood insurance information.

Table 9: Insurable Buildings in the City of Venice

Buildings within the City of Venice		
Flood Zone	# of Buildings	# of Insurable Buildings
SFHA	2503	2407
Non SFHA	9334	9061
Total# Insurable buildings	11837	11468

The most recent figures from FEMA, dated August 25, 2017, indicate 5109 policies within the City, with a total of \$2,759,828.00 of insurance in force, and 5 substantial loss claims since 1978.

As of 8-10-2015, the number of insurance policies on post-FIRM buildings is 1476, almost 50% fewer than the 3358 policies on pre-FIRM buildings. This may be a result of FEMA requirements raising the required finished floor elevation (FFE) as pre-FIRM buildings were built at grade and are at greater risk of flooding. However, there remain a few non-conforming buildings within the City and the City plans on tracking these in the future. Another contributing factor is the fact that, according to local realtors and lenders, 70% of home purchases in the City currently are cash purchases, lacking the mortgage requirement of flood insurance. As mitigation grants are only available for insured properties, the City realizes that this is another consideration when determining targeted outreach. Figures for 2017 were unavailable.

A complete Flood Insurance Analysis (FIA) was conducted by the City in 2017, based on FEMA figures from January 2017, and is included as Appendix G. The City plans on conducting an annual FIA to evaluate the effectiveness of the outreach programs, and make amendments where necessary. The FIA conducted in 2017 indicated that more

outreach is necessary to Condo owners explaining that the Condo Association's Building coverage does not include contents coverage for individual units.

PLAN DEVELOPMENT:

The CRS Committee was formed in August 2014 to provide input related to development of an Updated Floodplain Management Plan including Program for Public Information and flood insurance Coverage Improvement Plan sections. The CRS Committee combines the staff expertise from the city building code, floodplain management, planning & zoning and public information with input from the insurance, real estate, construction, business and financial lending fields. Input from the general public was also included and opportunities to attend the meetings were published. Quarterly meetings of the CRS Committee will be conducted and are tentatively scheduled for November, February, May and August to review the effectiveness of the current public outreach and coverage improvement efforts and recommend improvements or additions to the program. The CRS Committee will also conduct an annual evaluation/update of the existing plans with a formal update of the plans completed every 5 years.

As outlined in Appendices A and B, the CRS Committee met 7 times in August and September to develop the Coverage Improvement Plan in conjunction with the Floodplain Management Plan. Steps taking during the development process are outlined in the meeting agendas, minutes and resolution adopting the CRS Committee in Appendix B. During the development process, review comments were received from Janice Mitchell, Insurance Program Specialist, FEMA Region IV, and through the Community Rating System review process. Based on those comments, this plan has been updated to include additional documentation and clarification of the processes followed in completing the Floodplain Management Plan. In addition, the Program for Public Information and Coverage Improvement Plan were incorporated into the Floodplain Management Plan for clarify and more efficient monitoring of program goals and accomplishments.

TARGET AREAS:

An evaluation was completed of the existing flood insurance policies within the city limits. These policies were reviewed for accuracy with any discrepancies regarding addresses forwarded to the NFIP for correction. The existing flood insurance policies were evaluated numerically to estimate the number of buildings that currently have flood insurance policies within the City. The mapping of the individual policy locations is in process by the Engineering Dept. Since this document is protected by the Privacy Act, only the general information regarding the policy locations has been included in this report and to the CRS Committee. A second evaluation of number of building greater than 500 SF within the city limits were estimated by GIS to determine the total number of insurable buildings within the city limits. Based on these estimates, approximately 59% of building within the city limits are insurable, but for a variety of reasons, such as the high percentage of cash purchases, remain uninsured. This is especially concerning in high risk areas such as the coastal properties, low lying areas adjacent to Hatchett and Curry Creek and the identified repetitive loss areas.

Initial discussion by the CRS Committee set up a priority list for flood insurance coverage improvement target areas. Level of risk CRS Committee discussions combined with the existing policies written evaluation summary from city staff were used to set up an overall priority ranking for the existing insurable structures within the city. As illustrated in Figure 3, Insurance Information Target Map, the following priority ranking was established for the overall coverage improvement communication plan:

1. Repetitive Loss Areas (Shown tan with blue boundary) – Targeted mailings will be sent out annually to these areas to clarify the importance of flood insurance for the structure and contents.
2. Areas coming into the floodplain based on proposed draft map information (3 areas shown with red boundaries) – These areas received notification from FEMA prior to the raft D-FIRMS being issued. A targeted mailing was sent, by the City, to owners of properties coming into the floodplain when the DFIRMs were finalized. These residents currently receive information from our flyer mailed twice a year all residents that includes information regarding the importance of flood insurance for structure and contents.
3. Areas within the Special Flood Hazard Area (SFHA) or 100 year floodplain – After completion of the first year evaluation based on the insurance policy numbers and locations of policies is evaluated, additional targeted mailings will be provided in areas that are not showing improvement.
4. Areas outside the SFHA. – These residents currently receive information from our flyer mailed twice a year to all residents. The flyer includes information regarding the importance of flood insurance for structure and contents.

The SFHA consists of Zones A, AE, A1-A30, V, V1-V30, AO and AH.

The CIP project list is included in Appendix E.

DFIRM IMPACT ANALYSIS

The City received finalized DFIRMs in May 2016, with an effective date of 11/4/2016. Following is the Impact analysis:

Table 10: DFIRM Impact Analysis

Item	Newly Mapped into the SFHA	Removed from the SFHA	Remaining in SFHA
# Structures	556	1146	1723
# Parcels	791	2073	1976
# Accounts (such as individual units within a condo)	1806	2769	6676

PLAN GOALS

The goal of this flood Insurance Coverage Improvement plan shall be to:

1. Improve knowledge regarding the importance of flood insurance:

- a. Insurance training – The City Engineer and the Stormwater Engineering Research Analyst have both completed Parts I and II of FEMA Insurance Agent Training to increase knowledge regarding NFIP and effectiveness of technical assistance provided to residents, real estate agents, insurance agents and others who request technical assistance from the city.
 - b. Twice a year, an informational flyer is sent to all residents, and targeted mailings to homeowners’ association, realtors and insurance agents as outlined above.
 - c. An annual presentation is completed at the Venice Area Board of Realtors highlighting the importance of flood insurance, trying to clarify the myth “you don’t need insurance,” providing information that homeowners insurance does not cover flood and 30 day waiting period.
 - d. Informational brochures are provided at City Hall, the city Engineering Dept., the Venice Public Library and via the City’s website.
2. Increase flood insurance coverage throughout the city for homeowners, renters and commercial properties:
 - a. Continue insurance related outreach activities included in PIP above.
 - b. Stress the importance of needing flood insurance to reduce the perception that “you don’t need flood insurance because you are not in a flood zone,” by providing flyers regarding required flood insurance and the impacts to the property owners in the event their property is flooded and they do not have flood insurance.
 3. Look for opportunities to reduce flood losses to improve the sustainability of the flood insurance program.

EVALUATION METHODS

The CRS Committee will meet quarterly to evaluate the Coverage Improvement Plan portions of the Floodplain Management Plan. These reviews will be conducted to evaluate the effectiveness of the existing activities and to identify potential improvements for the program. Evaluation of the program will include a review of the outreach materials completed that quarter and proposed outreach projects for input from the CRS Committee and the public on the clarity and effectiveness of the materials. Annually, new insurance data provided by NFIP will be evaluated based on the previous year’s policy information. The policy locations will be mapped into an exhibit to be used internally and protected by the Privacy Act. This information will then be compared to the previous year’s information to determine the effectiveness of the Coverage Improvement Plan activities and to re-assess the target areas. Target areas may be redefined by the CRS committee, as coverage improves in the higher risk areas or where additional outreach in target areas did not show significant increases in the number of policies.

CONCLUSION

Annual report

The CRS Committee shall continue to meet quarterly to monitor and evaluate the Floodplain Management Plan. During these quarterly evaluations, the CRS Committee will review both outreach activities completed during the year and planned outreach activities. Recommendations to improve future outreach activities will be incorporated into the outreach materials. Evaluation of the Program for Public Information Plan and flood insurance Coverage Improvement Plan sections of the Floodplain Management Plan will be evaluated for effectiveness and modified to improve the effectiveness of the program. Upon completion of the review and assessment activities, the CRS Committee will prepare an annual report on the progress of the plan, addressing the new needs and goals of the community and any plan updates based on new studies, reports and technical information that has become available. This report shall be submitted to City Council, released to the media, and generally made available to the public.

The annual report shall include: progress made towards desired outcomes of the plan; mitigation projects that were implemented; reasons why mitigation projects or PPI activities were not implemented; an evaluation of the effectiveness of PPI activities carried out during the year; which PPI activities should be revised, changed, dropped or initiated; proposed PPI activities corresponding to CRS required messages, or additional messages, stipulated in the PPI; the proposed target audiences, messages and desired outcomes of proposed PPI activities.

The Committee shall assess the flood hazards and risks, and update the plan taking into consideration: new floodplain or hazard mapping; annexation of flood-prone areas; additional RL areas; completed mitigation projects; increased development in the floodplain or watershed; new flood control projects; lack of maintenance of flood control projects; major floods or other disasters that have occurred since the plan was adopted; any other changes in flooding conditions or developments exposed to flooding, or other hazards covered in this plan.

Based on the Annual Report, this plan shall be evaluated and updated as needed every year, by October 1st. A formal Floodplain Management Plan Update including the Program for Public Information and Coverage Improvement Plan elements shall be completed every 5 years prior to October 1st of the 5th year. The next 5 year update is due prior to October 1, 2019. Prior to adoption of the updated plan, the plan shall be forwarded to the flood insurance liaison in the FEMA Regional Office. A public meeting shall be held for review and comment on any draft updates to the plan before the plan is submitted to City Council for adoption. Publishing of the Floodplain Management Plan in the City Council Agenda Packet prior to the City Council Meeting in addition to public meetings held by the CRS Committee shall meet this requirement.

Appendix A

CRS Committee Planning Document

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Venice, Florida
"City on the Gulf"

Floodplain Management Plan
Program for Public Information Plan
Coverage Improvement Plan

2014

Step 1: Organize a Planning Committee

Activity	Department	Representative
Publicity	Public Information Office	Pam Johnson
Comprehensive, or Land Use, Plan	Planning & Zoning	Scott Pickett
Building Code	Building	Greg Schneider
Zoning Ordinance	Planning & Zoning	Scott Pickett
Floodplain Management Regulations	Building, Engineering	Kathleen Weeden
Subdivision Ordinance	Planning & Zoning	Scott Pickett
Stormwater Management Regulations	Engineering	Kathleen Weeden
Insurance Agency	Shaefer Insurance	Renee Halback
Local Bank or Lender	Capital Bank	Mark Hampshire
Stakeholders (min 5?)	Berkshire Hathaway The Damex Corporation Hawk's Nest Construction Inc Publix	John Meyers Robert Yoho Mark Hawkins Tim Adkins/Brian West
Public	Invited – Public meeting	

Have formal resolution from City Council

- Recognizing the planning process
- Designating who is responsible for the plan
- Specifying a completion deadline

The planning committee *must* meet at least 6 times to cover the following:

1. Assess the hazard
2. Assess the problem
 - a. Assess flood insurance coverage – Review current policies
- Hold a public meeting in affected, i.e. floodprone, area to discuss the natural hazards, problems and possible solutions. Not a reg. meeting.
- Mail questionnaire to floodplain residents requesting info on their natural hazards, flood problems and possible solutions.
- Do brochure based on questionnaire, explaining planning effort/seeking comments.
3. Set goals
4. Review possible activities
 - a. Determine who needs to be informed (target areas / audiences)
5. Draft an action plan
 - a. Provide an opportunity for the public to comment on the plan
 - b. Have the plan adopted by City Council
6. Evaluate progress & recommend changes

The committees for FMP, PPI and CIP *should* be the same

Step 2: Involve the Public

- Provide an opportunity for the public to comment on the plan
- Post the meeting schedule on the City website

Step 3: Coordinate with other agencies and their plans and efforts

- What other studies have already been done?
- What other reports have been issued?
- What technical information has already been published?
- What other plans are being prepared, reviewed or in use?
- What other public outreach / information programs are being done?
- Which other non- city/non-government agencies, are involved?
- Current activities being implemented within the community to promote flood insurance, including activities by:
 - FEMA
 - FloodSmart
 - Risk MAP
 - State agencies
 - Local agencies
 - Insurance companies

Step 4: Assess the hazard

- The committee should review, analyze and summarize data collected about the natural hazard from:
 - Existing flood studies
 - The Flood Insurance Study
 - Drainage problem studies
 - Historical records
 - Knowledge / experience of the community / committee
- Focus on the:
 - Source
 - Frequency
 - Extent
 - Cause of flooding
- Describe, in lay terms, the local flood hazard
 - How often it floods
 - Locations of areas that flood
 - Depth of flooding
 - Source / cause of flooding
 - Velocities
 - Warning time
- Assess the:
 - SFHA
 - All repetitive loss areas
 - Areas not mapped on the FIRM that have flooded in the past
 - Surface flooding identified in other studies
- Create a map of the flood hazard areas

- Identify the Coastal A zone (where wave heights are between 1.5-3ft during the 100 year flood).
- Create a map showing target areas subject to different flooding conditions.
 - Have key with description of each area
 - Include building count on key
- Create a map plotting the number of flood insured buildings:
 - Structural coverage
 - Contents coverage
- Prepare an inventory of dams that would flood developed areas if they failed.
- Identify areas likely to be flooded as a result of:
 - Changes in floodplain development / demographics
 - Development in the watershed
 - Climate change / sea level rise
- Address ALL other natural hazards that may affect the community, as identified by the State's hazard mitigation plan.

Step 5: Assess the problem

- Summarize the community's vulnerability to each hazard listed in step 4
- Describe the impact the hazard will have on:
 - Life safety
 - Need for warning
 - Evacuating residents and visitors
 - Public health hazards to individuals from flood waters
 - Critical facilities
 - Infrastructure
 - Community's economy
 - Major employers
- Create an inventory of the number and type of buildings owned by the community that are located in flood-prone areas
- Identify which buildings are insured for flood damage.
- Review historical damage to buildings (can be obtained from post-disaster damage assessment reports, flood insurance claims, disaster assistance data, flood control studies.
 - ALL properties that have received flood insurance claims payments
 - An estimate of the potential damage and dollar losses to vulnerable structures
 - Include damage done by mold and other flood related hazards, not just the flooding.
- Use Hazus-MH?
- Describe areas within the floodplain that provide natural functions:
 - Wetlands
 - Riparian areas
 - Sensitive areas
 - Habitat for rare / endangered species
- Describe impact on the community, watershed and natural resource areas, depending on trends in:
 - Development
 - Redevelopment
 - Population growth / loss
- Describe the impact of future flooding conditions (from step 4) on:
 - People

- Property
- Natural floodplain functions

Step 6: Set goals

- Create a statement of goals
 - Review floodplain management activities
 - Draft the action plan
 - Address ALL the major hazards that face the community
- A copy of the CIP elements of the draft plan must be sent to the FEMA Regional Office’s flood insurance Liaison. Not for approval, for information purposes only.
- Determine what observable, objective and measurable outcomes are desired from each public information message.

Step 7: Review possible activities

Systematically review, in lay terms:

- All of the different activities that could reduce or prevent the severity of the problems listed in step 5
- Review preventive activities such as:
 - Zoning
 - Stormwater management regulations
 - Building codes
 - Subdivision ordinances
 - Preservation of open space
 - Effectiveness of current regulatory standards and programs
 - Effectiveness of current preventive standards and programs
 - Property protection activities:
 - Acquisition
 - How will the project \be managed
 - How will the land be used after it is acquired?
 - Retrofitting
 - Flood insurance
 - Activities to:
 - Protect the natural and beneficial functions of the floodplain
 - Protect wetlands
- Review Emergency services:
 - Warning
 - sandbagging
- Review:
 - How the above can reduce future flood losses
 - Current standards in the community’s plans and regulations
 - Whether the community should adopt or revise its plans and regulations
- Review structural projects such as channel modifications
- Determine the pros and cons of each activity for each area affected
- Determine community’s capability to fund and implement each activity
- Determine whether current activities are achieving expectations or whether they should be modified
- Review whether the community’s floodplain management regulatory standards are sufficient for current and future conditions.
- Review:
 - public information activities

- outreach projects
- Educational programs

Step 8: Draft an Action Plan

- Select and specify those activities appropriate to the community's:
 - Resources
 - Hazards
 - Vulnerable properties
- Outside funding sources **MUST** be identified and researched
- Identify:
 - Who is responsible for implementing the action
 - When it will be done
 - How it will be funded
- Prioritize the actions
- There must be an action item for each goal in step 6
- The plan must include a “process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans when appropriate.”
- Based on expected damage from a base flood or other disaster, establish, or revise:
 - Post-disaster redevelopment policies and procedures
 - Mitigation policies and procedures
- Include activities to mitigate the effects of other natural hazards identified in #4
- Formulate public information messages for target audiences
 - Know your flood hazard / hazard disclosure
 - Insure your property for your flood hazard
 - Protect people from the hazard
 - Protect your property from the hazard
 - Build responsibly
 - Protect natural floodplain functions
 - Map Information Service / CRS 320
 - Flood protection information
 - Flood protection assistance / CRS 360
 - Flood insurance promotion / CRS 370
 - Drainage system maintenance / CRS 540
 - Flood warning and response / CRS 610 & dams CRS 630)
 - Improve flood insurance coverage
- Identify outreach projects to convey the messages
 - Describe project, who will do project and when it will be done
 - One project **MUST** be from elected leadership encouraging people to purchase or increase their flood insurance coverage
- Include procedures for an annual report covering:
 - Monitoring implementation of the plan
 - Reviewing progress of the plan
 - Recommending revisions to the plan

Step 9: Adopt the Plan

- The plan must be officially adopted:
 - A resolution or other formal document must be voted on by the community's governing body
- The Plan must have a separate section or chapter for PPI activities with:
 - Summary of assessment of local flood hazard
 - Summary of the community's natural floodplain functions
 - Description of all public information activities currently being implemented in the community
 - Flood insurance coverage assessment
 - List of the target audiences
 - The message for each audience
 - Desired outcome for each message
 - Description of each project and activity to be carried out
 - Who will do it
 - When it will be done
 - Description of any Flood response preparations (FRP) projects
 - How the effectiveness of the PPI messages will be monitored and evaluated
- Subsequent amendments must be officially adopted by the community's governing body

Step 10: Implement, Evaluate and Revise

- Describe how, when and by whom the plan will be monitored, evaluated and revised.
- Prepare an annual evaluation report on the progress of the plan (from step 8).
 - Must include a review of the community's new:
 - Needs
 - Goals
 - Plans for the area based on:
 - New studies
 - Reports
 - Technical information
 - Hold a public meeting for review and comment on the draft update
 - Submit the report to the governing body
 - Release the report to the media
 - Make the report available to the public
- The annual report must include:
 - The target audiences, the messages and the desired outcomes of the PPI
 - The projects in the PPI to convey the messages
 - Which projects were implemented
 - Why some projects were not implemented
 - What progress was made towards desired outcomes
 - What should be revised, changed, dropped or initiated.
- The committee should review and approve the annual evaluation report
- Steps 4 & 5 / the hazard and problem assessments must be reviewed and brought up to date, accounting for:
 - New floodplain or hazard mapping
 - Annexation of flood-prone areas
 - Additional repetitive loss areas
 - Completed mitigation projects
 - Increased development in the floodplain or watershed
 - New flood control projects

- Lack of maintenance of flood control projects
- Major floods or other disasters that occurred since the plan was adopted
- Any other change in flooding conditions/development exposed to flooding or other hazards covered in the plan
- The planning committee should continue to meet quarterly and
 - Evaluate the plan
 - Revise the plan as needed
- Update the plan by October 1st at least every 5 years.
- Submit a copy of the plan update every 5 years

Submit:

- A copy of the plan, or update plan, to be credited
- The annual evaluation report
- Document which department representatives implement, or have expertise in, which categories of mitigation measures
- A copy of the resolution creating / recognizing the planning process and identifying the committee's membership
- Meeting sign in sheets indicating participation by different departments
- Copies of the publicity for the public meetings ie newspaper article / advertisement
- Document all sources for studies, reports etc reviewed.
- A record of contact, meetings, coordination with external agencies and organizations
- Copy of the resolution or formal adoption action by the governing body

Appendix B

CRS Committee Documentation

NOTICE OF MEETING

The City of Venice CRS Floodplain Management Plan (FMP), Program for Public Information Plan (PPI) and Coverage Information Plan (CIP) Committee shall hold the following meetings in the Development Services Conference Room, City Hall, 401 W. Venice Avenue, Venice, FL 34285.

Date	Time	Purpose
8/14/2014	8.30 am – 9.30 am	Assess the flood hazards in the City of Venice.
8/19/2014	11.00 am – 12.00 noon	Assess the problems caused by the flood hazards in the City of Venice.
8/20/2014	12.30 pm – 1.30 pm	Public meeting to discuss the natural hazards, problems and possible solutions
8/21/2014	9.30 am – 10.30 am	Set community goals for floodplain management, insurance Coverage improvement and public outreach.
8/21/2014	1.30 pm – 2.30 pm	Review possible activities that could reduce or prevent the severity of problems caused by hazards in the community
8/26/2014	8.00 am – 9.00 am	Draft an action plan specifying those activities appropriate to the resources, hazards and vulnerable properties of the City of Venice
9/08/2014	3.00 pm – 4.00 pm	Review the Action Plan

The public is invited to attend these meetings and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

August 14th, 2014
Meeting # 1

AGENDA

- The committee should review, analyze and summarize data collected about the natural hazard from:
 - Existing flood studies
 - The Flood Insurance Study
 - Drainage problem studies
 - Historical records
 - Knowledge / experience of the community / committee
- Focus on the:
 - Source
 - Frequency
 - Extent
 - Cause of flooding
- Describe, in lay terms, the local flood hazard
 - How often it floods
 - Locations of areas that flood
 - Depth of flooding
 - Source / cause of flooding
 - Velocities
 - Warning time
- Assess the:
 - SFHA
 - All repetitive loss areas
 - Areas not mapped on the FIRM that have flooded in the past
 - Surface flooding identified in other studies
- Create a map of the flood hazard areas
 - Identify the Coastal A zone (where wave heights are between 1.5-3ft during the 100 year flood).
- Create a map showing target areas subject to different flooding conditions.
 - Have key with description of each area
 - Include building count on key
- Create a map plotting the number of flood insured buildings:
 - Structural coverage
 - Contents coverage
- Prepare an inventory of dams that would flood developed areas if they failed.
- Identify areas likely to be flooded as a result of:
 - Changes in floodplain development / demographics
 - Development in the watershed
 - Climate change / sea level rise
- Address ALL other natural hazards that may affect the community, as identified by the State's hazard mitigation plan.

Sign in

Member

8-14-2014

- Gillian Carney City of Venice 941-486-2626 x252
GCarney@venicegov.com
- Kathleen Weeden X City of Venice 941-486-2626 ext 25001
kweeden@venicegov.com
- Lori Stelzer City of Venice
- Mark Nampah Capital bank 941-244-1980
- GREG SCHNEIDER CITY OF VENICE 941-486-2626
GSCHNEIDER@VENICEGOV.COM
- Scott Pickett city of Venice spickett@venicegov.com
- RENEE HALBACK SHAEFER INSURANCE 941 485-2323
- John MEYERS Berkshire Hathaway Florida Realty 941-207-5088
- Robert Ysho - By phone

August 14th, 2014
Meeting # 1

Minutes

The meeting began at: 8.30am

Present: Kathleen Weeden, Lori Stelzer (for Pam Johnson), Mark Hampshire, Greg Schneider, Scott Pickett, Renee Halback, John Meyers, Gillian Carney and Robert Yoho (by phone).

Handouts: Flood Insurance Study, 9-3-1992, Sarasota County; Map of Repetitive Loss Areas; Committee Plan booklet; Sunshine Law regulations.

1. Kathleen welcomed the committee members, thanked them for their service and gave an overview of the intent of the committee; to create both a Floodplain Management Plan and an insurance Coverage Improvement Plan in conjunction with a Program for Public Information Plan in order to better inform and educate our community about flood hazards, preparation, insurance and mitigation.
2. Committee members introduced themselves.
3. Kathleen talked about the CRS and explained that as a Class 6 community we receive a 20% discount in insurance through the NFIP.
4. Lori Stelzer gave an overview of the Sunshine Law and how it applies to the committee members, and handed out the packets relating to the Sunshine Law. Email addresses and additional paperwork will be mailed to the non-city members. All communication is to be through the City email accounts.
5. The committee was given the existing Flood Insurance Study and we discussed the flood hazards, their causes, and a brief history of flooding in our community:
 - a. Rainfall, storm surge are the primary reasons for flooding.
 - b. Our three drainage basins are: Hatchett Creek, Curry Creek and the Island of Venice.
 - c. We experience flooding during rainy season. Flooding during other seasons is on a case by case basis.
6. We talked about LOMAs, LOMRs and CLOMRs and Kathleen explained what they are, how they are issued and their impact on FIRMs.
7. New FIRMs will be coming out soon, although the exact date is unknown. Until then the new SWFWMD model is a more accurate resource than the City appraiser's site to determine flood zones. Realtors and Insurance agents should feel free to contact the Engineering dept. to determine flood zones - and we need to get word out that that resource is available and free of charge.
8. The new FIRMs will bring more properties into the floodplain and we need to be prepared for that, and the questions that homeowners will have re house sales and insurance.
9. We discussed freeboard, why it was removed from the City ordinance and the implications to neighborhoods.
10. The City website has a list of historical flooding in the city
11. Members gave their own stories of flood experience within the community.
12. We need to do more outreach so that the residents are aware of, and sign up for, CodeRED – the warning system used by the City. Not only for hurricane warnings, but for boil water notices or unexpected items.

13. We discussed the SFHA and Kathleen explained the difference between a repetitive loss property versus a severe repetitive loss property. Kathleen explained that addresses of particular properties cannot be released and are protected by law.
14. We agreed that as a community we need to have more dialogue about insurance versus mitigation. Insurance not required does not equal not needed.
 - a. People need to be educated on what flood insurance covers, the costs of insurance versus mitigation, and on the availability of renters insurance.
15. We discussed being on the outer edge of the Myakka Reservoir #2 inundation zone.
16. As an outcome of the meeting, Gillian will
 - Create a map of the flood hazard areas
 - Identify the Coastal A zone (where wave heights are between 1.5-3ft during the 100 year flood).
 - Create a map showing target areas subject to different flooding conditions.
 - Have key with description of each area
 - Include building count on key
 - Create a map plotting the number of flood insured buildings

The next meeting is scheduled for: Tuesday, Aug 19th at 11am, where we will assess the problems caused by floods, lack of insurance and begin formulating a plan for outreach on those subjects.

The meeting ended at: 9.40am

8/19/2014; Renee Halback motioned to approve minutes. Motion seconded by John Meyers. Approved unanimously by: Mark Hampshire, Greg Schneider, Kathleen Weeden, Scott Pickett and, by phone, Robert Yoho.

August 19th, 2014
Meeting # 2

AGENDA

- Minutes from Meeting #1, 8/14/2014
Approved _____ Approved with comments _____

Step 5: Assess the problem

1. Assess the problem
 - a. Assess flood insurance coverage – Review current policies
- Summarize the community's *vulnerability* to each hazard determined in meeting 1
- Describe the impact the hazard will have on:
 - Life safety
 - Need for warning
 - Evacuating residents and visitors
 - Public health hazards to individuals from flood waters
 - Critical facilities
 - Infrastructure
 - Community's economy
 - Major employers
- Create an inventory of the number and type of buildings owned by the community that are located in flood-prone areas
- Identify which buildings are insured for flood damage.
- Review historical damage to buildings (can be obtained from post-disaster damage assessment reports, flood insurance claims, disaster assistance data, flood control studies.
 - ALL properties that have received flood insurance claims payments
 - An estimate of the potential damage and dollar losses to vulnerable structures
 - Include damage done by mold and other flood related hazards, not just the flooding.
- Use Hazus-MH?
- Describe areas within the floodplain that provide natural functions:
 - Wetlands
 - Riparian areas
 - Sensitive areas
 - Habitat for rare / endangered species
- Describe impact on the community, watershed and natural resource areas, depending on trends in:
 - Development
 - Redevelopment
 - Population growth / loss
- Describe the impact of future flooding conditions on:
 - People
 - Property
 - Natural floodplain functions

.Meeting Schedule		
Date	Time	Purpose
Thur, 8/14/2014	8.30am – 9.30am	Assess the flood hazards in the City of Venice.
Tues, 8/19/2014	11.00am – Noon	Assess the problems caused by the flood hazards in the City of Venice.
Wed, 8/20/2014	12.30pm – 1.30pm	Public meeting to discuss the natural hazards, problems and possible solutions
Thurs, 8/21/2014	9.30am – 10.30am	Set community goals for floodplain management, insurance Coverage improvement and public outreach.
Thurs 8/21/2014	1.30pm – 2.30pm	Review possible activities that could reduce or prevent the severity of problems caused by hazards in the community
Tues, 8/26/2014	8.00am – 9.00am	Draft an action plan specifying those activities appropriate to the resources, hazards and vulnerable properties of the City of Venice
Mon, 9/08/2014	3.00pm – 4.00pm	Review the Action Plan

Minutes

The meeting began at: 11.00am

Present:

Committee: Kathleen Weeden, Mark Hampshire, Greg Schneider, Scott Pickett, Renee Halback, John Meyers and Robert Yoho (by phone).

Non-Committee: Gillian Carney, Mark Hawkins, Linda Dalton and Greg Giles

Handouts: Minutes - mtg#1, Draft Insurance Coverage Improvement Plan (CIP-FIA).

Kathleen called for a motion to approve the minutes from Meeting#1.

Renee Halback motioned, seconded by John Meyers. Approved by all committee members present in person and on the phone..

1. Kathleen welcomed everyone, thanked them for their service and gave an overview of the intent of the committee; to create both a Floodplain Management Plan and an insurance Coverage Improvement Plan in conjunction with a Program for Public Information Plan, in order to better inform and educate our community about flood hazards, preparation, insurance and mitigation.
2. Committee members introduced themselves.
3. Kathleen talked about the CRS and explained that as a Class 6 community we receive a 20% discount in insurance through the NFIP. We also have shared use agreements with other CRS communities, namely, Sarasota, Northport and the town of Longboat Key.
4. Gillian handed out the draft CIP-FIA, and hopes to have the maps and all the tables completed prior to the next meeting to enable our discussion on insurance coverage within the City.
5. FEMA FIRM's are used to quote insurance policies, but the City's Adopted floodplain map is more accurate and used to determine construction permits. Kathleen is available to any resident who needs a zone determination. Also, the City Ordinance no longer requires freeboard, but calls for first floor elevation to be 15" above the crown of the adjacent road.
6. Kathleen reiterated that FEMA maps are available to the public at FEMA.gov and can be used to determine flood zones.
7. The adopted floodplain map is based on recent riverine studies. Kathleen used the current Floodplain Map to discuss flood zone areas and which areas may come into the floodplain with the new FEMA maps.
8. Approximately 70% of homes purchased in Venice are cash purchases, and we need to inform the public of the benefits of flood insurance even if the banks don't require it, especially as 25% of our flood losses are outside the floodplain.
9. FEMA Mitigation grants can cover up to 75% of the costs to raise a home. Residents can call Kathleen for further information.
10. We talked briefly on the impacts of flood hazards, but Gillian will email a section from the recently updated Comprehensive Emergency Management Plan (CEMP) which covers this in detail, and we will review and comment on this prior to including it in the Floodplain Management Plan.
11. New FIRMs will be coming out soon, although the exact date is unknown. The new FIRMs will bring more properties into the floodplain and we need to be prepared for that, and the questions that homeowners will have re house sales and insurance.

12. We reiterated the need to do more outreach so that the residents are aware of, and sign up for, CodeRED – the warning system used by the City. Not only for hurricane warnings, but for boil water notices or unexpected items.
13. We discussed the natural functions provided by areas within the floodplain; they filter water and keep water away from the home.

For the next meeting:

- Provide a copy of the flyer mailed to all citizens, to review and comment on.
- Have flood inventory maps and tables completed.

The next meeting is scheduled for: Wednesday, Aug 20th at 12.30pm, where we will continue to discuss the natural hazards, problems and possible solutions.

The meeting ended at: 12.00, noon

8/20/2014; Mark Hampshire motioned, seconded by Renee Halback. Item #5 contains a typo of a #4 inserted into a word. Minutes approved, with correction, by all committee members present in person and on the phone.

August 20th, 2014
Meeting # 3

AGENDA

- Minutes from Meeting #2, 8/19/2014
Approved _____ Approved with comments _____
- Create a statement of goals
 - Review floodplain management activities
 - Draft the action plan
 - Address ALL the major hazards that face the community
- A copy of the CIP elements of the draft plan must be sent to the FEMA Regional Office’s flood insurance Liaison. Not for approval, for information purposes only.
- Determine what observable, objective and measurable outcomes are desired from *each* public information message.

Meeting Schedule		
Date	Time	Purpose
Thur, 8/14/2014	8.30am – 9.30am	Assess the flood hazards in the City of Venice.
Tues, 8/19/2014	11.00am – Noon	Assess the problems caused by the flood hazards in the City of Venice.
Wed, 8/20/2014	12.30pm – 1.30pm	Public meeting to discuss the natural hazards, problems and possible solutions
Thurs, 8/21/2014	9.30am – 10.30am	Set community goals for floodplain management, insurance Coverage improvement and public outreach.
Thurs 8/21/2014	1.30pm – 2.30pm	Review possible activities that could reduce or prevent the severity of problems caused by hazards in the community
Tues, 8/26/2014	8.00am – 9.00am	Draft an action plan specifying those activities appropriate to the resources, hazards and vulnerable properties of the City of Venice
Mon, 9/08/2014	3.00pm – 4.00pm	Review the Action Plan

Minutes

The meeting began at: 12.35pm

Present:

Committee: Kathleen Weeden, Mark Hampshire, Greg Schneider, Scott Pickett, Renee Halback, John Meyers, Mark Hawkins and Robert Yoho (by phone).

Non-Committee: Gillian Carney

Handouts: Minutes - mtg#2, Draft Floodplain Management Plan.

Kathleen called for a motion to approve the minutes from Meeting#2.

Mark Hampshire motioned, seconded by Renee Halback. Item #5 contains a typo of a #4 inserted into a word. Minutes approved, with correction, by all committee members present in person and on the phone.

1. We discussed ease of signing up for CodeRED; a PPI goal should be to have the website amended so that signup requests can be emailed to the engineering department who will, temporarily – until a more permanent decision is made, be responsible for signing people up with CodeRED. We should print up brochures detailing CodeRED, and distribute them to stakeholders for distribution. First check with Emergency management, Jim McCrane or Chief Warman to see if they already have a brochure for distribution. It was agreed that bumper stickers with CodeRED info would compete with too many other City bumper stickers, such as bike notices.
2. Have the CRS mailings that we currently mail to all residents available at the next meeting – or email to committee to be forwarded and distributed.
3. Request that IT provided a projector at the next meeting so that Kathleen can demonstrate SWFWMD and FEMA maps
4. Kathleen talked about HMGP grants only being available after storm events, regardless of whether Venice receives a direct hit.
5. The committee discussed why we have repetitive and severe repetitive loss properties in the community. As part of both the FMP and CIP we need to work harder at correcting this by getting the word out about mitigation grants being available only to those properties currently insured.
6. John Meyers said that at the next meeting he will demonstrate the process realtors go through – what information they are able to access and hand out.
7. Renee talked about the process for Insurance agents when they run quotes; repetitive loss properties are flagged with a note that insurance is unavailable through an agent, only through FEMA. But, no details about the loss are actually displayed.
8. We discussed permits; the City is legally required to hold permits for a maximum of 15 years before they must be destroyed.
9. It was suggested that buyers, or the buyers realtor or insurance agent, request the current flood insurance policy from the seller before buying a property.
10. As part of the PPI, we need to include more outreach about the substantial improvement part of the City ordinance. This should be targeted primarily at building remodelers and developers. Kathleen is

available to do presentations at their general membership meetings. John Hawkins will provide contact info so that we can set this up.

11. As an ongoing process, we need to evaluate and do a cost/benefit analysis of the points earned in the CRS by having the cumulative 10 year rule for substantial loss as part of the city ordinance. Currently, the total does not differentiate between costs for flood insurance versus wind or other types of remodeling. This may have an unintended adverse impact on owners, and we should re-evaluate the ordinance every 5 years – last time was 2013.

The next meeting is scheduled for: Thursday, Aug 22nd at 9.30am, where we will set community goals for floodplain management, insurance coverage improvement and public outreach.

The meeting ended at: 1.40pm

8/21/2014; Kathleen called for a motion to approve the minutes from Meeting#3. Renee Halback motioned, seconded by Mark Hampshire. Minutes approved by all committee members present.

AGENDA

- Minutes from Meeting #3, 8/20/2014
Approved _____ Approved with comments _____

Step 7: Review possible activities

1. Determine who needs to be informed (target areas / audiences), on what topic, by whom, and how.

Systematically review, in lay terms:

- All of the different activities that could reduce or prevent the severity of the problems listed in step 5
- Review preventive activities such as:
 - Zoning
 - Stormwater management regulations
 - Building codes
 - Subdivision ordinances
 - Preservation of open space
 - Effectiveness of current regulatory standards and programs
 - Effectiveness of current preventive standards and programs
 - Property protection activities:
 - Acquisition
 - How will the project be managed
 - How will the land be used after it is acquired?
 - Retrofitting
 - Flood insurance
 - Activities to:
 - Protect the natural and beneficial functions of the floodplain
 - Protect wetlands
- Review Emergency services:
 - Warning
 - sandbagging
- Review:
 - How the above can reduce future flood losses
 - Current standards in the community's plans and regulations
 - Whether the community should adopt or revise its plans and regulations
- Review structural projects such as channel modifications
- Determine the pros and cons of each activity for each area affected
- Determine community's capability to fund and implement each activity
- Determine whether current activities are achieving expectations or whether they should be modified
- Review whether the community's floodplain management regulatory standards are sufficient for current and future conditions.
- Review:
 - public information activities
 - outreach projects
 - Educational programs

Meeting Schedule		
Date	Time	Purpose
Thur, 8/14/2014	8.30am – 9.30am	Assess the flood hazards in the City of Venice.
Tues, 8/19/2014	11.00am – Noon	Assess the problems caused by the flood hazards in the City of Venice.
Wed, 8/20/2014	12.30pm – 1.30pm	Public meeting to discuss the natural hazards, problems and possible solutions
Thurs, 8/21/2014	9.30am – 10.30am	Set community goals for floodplain management, insurance Coverage improvement and public outreach.
Thurs 8/21/2014	1.30pm – 2.30pm	Review possible activities that could reduce or prevent the severity of problems caused by hazards in the community
Tues, 8/26/2014	8.00am – 9.00am	Draft an action plan specifying those activities appropriate to the resources, hazards and vulnerable properties of the City of Venice
Mon, 9/08/2014	3.00pm – 4.00pm	Review the Action Plan

August 21th, 2014
Meeting # 4

Minutes

The meeting began at: 9.35am

Present:

Committee: Kathleen Weeden, Mark Hampshire, Greg Schneider, Scott Pickett, Renee Halback, John Meyers, Mark Hawkins and Robert Yoho.

Non-Committee: Gillian Carney, Linda Dalton and Greg Giles.

Handouts: Minutes - mtg#3, Draft Floodplain Management Plan, Draft FIA map.

Kathleen called for a motion to approve the minutes from Meeting#3.

Renee Halback motioned, seconded by Mark Hampshire. Minutes approved by all committee members present.

1. Evaluate opportunities to review the Comprehensive Plan for floodplain policies
2. Check stormwater regulations – city has higher regulatory standards based on rate and volume lost
3. Check on updates with Florida Building Code, Residential Building Code and International Building Code
4. See how permitting impacts subdivision through the existing Building Code / Cumulative / substantial loss.
5. Continue to evaluate specifics as further studies are done either by City or County.
6. Coordinate with media and insurance agents to get info about approximate coverage amounts.
7. As an ongoing process, we need to evaluate and do a cost/benefit analysis of the points earned in the CRS by having the cumulative 10 year rule for substantial loss as part of the city ordinance. Currently, the total does not differentiate between costs for flood insurance versus wind or other types of remodeling. This may have an unintended adverse impact on owners, and we should re-evaluate the ordinance every 5 years – last time was 2013.
8. The city needs to do more to assist in retrofitting / getting information to the public about retrofitting.
9. The specifics of the CIP and PPI were discussed. See attachments

The next meeting is scheduled for: Thursday, Aug 22nd at 9.30am, where we will set community goals for floodplain management, insurance coverage improvement and public outreach.

The meeting ended at: 10.30am

8/21/2014; Kathleen called for a motion to approve the minutes from Meeting #4.

Mark Hawkins motioned, seconded by Renee Halback. Minutes approved by all committee members present – with comment that the meeting number shown be changed from #3 to #4.

AGENDA

- Minutes from Meeting #4, 8/21/2014
Approved _____ Approved with comments _____

Step 8: Draft an Action Plan

1. Draft an action plan
 - a. Provide an opportunity for the public to comment on the plan
 - b. Have the plan adopted by City Council (at Council Mtg Sept 8th. Plan must be ready by Aug 26th)
- Select and specify those activities appropriate to the community's:
 - Resources
 - Hazards
 - Vulnerable properties
 - Outside funding sources MUST be identified and researched
 - Identify:
 - Who is responsible for implementing the action
 - When it will be done
 - How it will be funded
 - Prioritize the actions
 - There must be an action item for each goal in step 6
 - The plan must include a “process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans when appropriate.”
 - Based on expected damage from a base flood or other disaster, establish, or revise:
 - Post-disaster redevelopment policies and procedures
 - Mitigation policies and procedures
 - Include activities to mitigate the effects of other natural hazards identified in #4
 - Formulate public information messages for target audiences
 - Know your flood hazard / hazard disclosure
 - Insure your property for your flood hazard
 - Protect people from the hazard
 - Protect your property from the hazard
 - Build responsibly
 - Protect natural floodplain functions
 - Map Information Service / CRS 320
 - Flood protection information
 - Flood protection assistance / CRS 360
 - Flood insurance promotion / CRS 370
 - Drainage system maintenance / CRS 540
 - Flood warning and response / CRS 610 & dams CRS 630)
 - Improve flood insurance coverage
 - Identify outreach projects to convey the messages
 - Describe project, who will do project and when it will be done

- One project *MUST* be from elected leadership encouraging people to purchase or increase their flood insurance coverage
- Include procedures for an annual report covering:
 - Monitoring implementation of the plan
 - Reviewing progress of the plan
 - Recommending revisions to the plan

Meeting Schedule		
Date	Time	Purpose
Thur, 8/14/2014	8.30am – 9.30am	Assess the flood hazards in the City of Venice.
Tues, 8/19/2014	11.00am – Noon	Assess the problems caused by the flood hazards in the City of Venice.
Wed, 8/20/2014	12.30pm – 1.30pm	Public meeting to discuss the natural hazards, problems and possible solutions
Thurs, 8/21/2014	9.30am – 10.30am	Set community goals for floodplain management, insurance Coverage improvement and public outreach.
Thurs 8/21/2014	1.30pm – 2.30pm	Review possible activities that could reduce or prevent the severity of problems caused by hazards in the community
Tues, 8/26/2014	8.00am – 9.00am	Draft an action plan specifying those activities appropriate to the resources, hazards and vulnerable properties of the City of Venice
Mon, 9/08/2014	3.00pm – 4.00pm	Review the Action Plan

Minutes

The meeting began at: 1.30pm

Present:

Committee: Kathleen Weeden, Greg Schneider, Scott Pickett, Renee Halback, John Meyers, Mark Hawkins, Robert Yoho and, by phone, Mark Hampshire.

Non-Committee: Gillian Carney and Greg Giles.

Handouts: Minutes – mtg #4, Draft Floodplain Management Plan, Draft PPI plan, Draft CIP, Page 430-18 of the 2013 CRS manual (section 432d), Check Before You Buy- City flyer, Flood Protection Information for City of Venice Residents 2014 – City Flyer, Insurance premium information from Floodsmart.gov

Kathleen called for a motion to approve the minutes from Meeting #4.

Mark Hawkins motioned, seconded by Renee Halback. Minutes approved by all committee members present – with comment that the meeting number shown be changed from #3 to #4.

1. The committee read through the draft Flood Management Plan (FMP) and made corrections and changes, to be reviewed again at the next meeting. There were no major changes or additions.
2. The Committee read through the draft Program for Public Information plan (PPI) and made corrections and changes, to be reviewed again at the next meeting.
 - a. Add a section for objectives.
 - i. These should be the PPI objectives from the CRS manual
 - b. Add a section for Research
 - i. Add StormReady evaluation for stakeholders <http://www.stormready.noaa.gov/>
 - ii. Add CERT training for HOA's <http://www.fema.gov/community-emergency-response-teams>
 1. Coordinate any research with EOC and Chief Warman
 - c. Some discussion regarding relocating the publications turnstyle closer to the building department. Pam Johnson will look into feasibility.
 - d. A CRS point spread calculation needs to be done before adding more outreach activities
 - e. Any outreach through City channels needs to be reviewed by Pam Johnson before the 20th of each month.
3. The Committee read through the draft Coverage Improvement Plan (CIP)) and made corrections and changes, to be reviewed again at the next meeting.
 - a. Add a section on evaluating cost to property owners and cost to the city.
4. Pam Johnson talked about CodeRED and that residents can always call the City and ask to be added to the system. We will transfer that duty to the engineering department.
5. The committee agreed that an objective for the next year is to evaluate the benefit to property owners of the meeting the Cumulative Substantial Improvements section of the CRS (432d). Neither Sarasota nor Longboat Key meet this criteria, and it can have an adverse effect on property owners seeking to mitigate for wind over flood, or in remodeling.
6. Renee handed out information on insurance coverage policy premiums.
 - a. We need to work with the insurance agents and the media on making sure property owners know the approximate costs of flood insurance, and the cost to themselves and the community of not having flood insurance.

The next meeting is scheduled for: Tuesday, August 26th at 8am, where we will Draft an action plan specifying those activities appropriate to the resources, hazards and vulnerable properties of the City of Venice.

The meeting ended at: 2.45pm

08/26/2014; Kathleen called for a motion to approve the minutes from Meeting #5. Greg Schneider motioned, seconded by Scott Pickett. Minutes approved by all committee members present.

AGENDA

- Minutes from Meeting #5, 8/21/2014
Approved _____ Approved with comments _____

Step 9: Adopt the Plan

- The plan must be officially adopted:
 - A resolution or other formal document must be voted on by the community’s governing body
- The Plan must have a separate section or chapter for PPI activities with:
 - Summary of assessment of local flood hazard
 - Summary of the community’s natural floodplain functions
 - Description of all public information activities currently being implemented in the community
 - Flood insurance coverage assessment
 - List of the target audiences
 - The message for each audience
 - Desired outcome for each message
 - Description of each project and activity to be carried out
 - Who will do it
 - When it will be done
 - Description of any Flood response preparations (FRP) projects
 - How the effectiveness of the PPI messages will be monitored and evaluated
- Subsequent amendments must be officially adopted by the community’s governing body

Meeting Schedule		
Date	Time	Purpose
Thur, 8/14/2014	8.30am – 9.30am	Assess the flood hazards in the City of Venice.
Tues, 8/19/2014	11.00am – Noon	Assess the problems caused by the flood hazards in the City of Venice.
Wed, 8/20/2014	12.30pm – 1.30pm	Public meeting to discuss the natural hazards, problems and possible solutions
Thurs, 8/21/2014	9.30am – 10.30am	Set community goals for floodplain management, insurance Coverage improvement and public outreach.
Thurs 8/21/2014	1.30pm – 2.30pm	Review possible activities that could reduce or prevent the severity of problems caused by hazards in the community
Tues, 8/26/2014	8.00am – 9.00am	Draft an action plan specifying those activities appropriate to the resources, hazards and vulnerable properties of the City of Venice
Mon, 9/08/2014	3.00pm – 4.00pm	Review the Action Plan

Minutes

The meeting began at: 8.00am

Present:

Committee: Kathleen Weeden, Greg Schneider, Scott Pickett, Renee Halback, John Meyers, Mark Hawkins, Robert Yoho and Mark Hampshire.

Non-Committee: Gillian Carney

Handouts: Minutes – mtg #5, revised Draft Floodplain Management Plan, revised Draft PPI plan, revised Draft CIP.

Kathleen called for a motion to approve the minutes from Meeting #4.

Greg Schneider motioned, seconded by Scott Pickett. Minutes approved by all committee members present.

1. The committee read through the draft Flood Management Plan (FMP) and made suggestions for corrections and changes. There were no major changes or additions.
2. The Committee read through the draft Program for Public Information plan (PPI) and made suggestions for corrections and changes. There were no major changes or additions.
3. The Committee read through the draft Coverage Improvement Plan (CIP)) and made suggestions for corrections and changes. There were no major changes or additions.
4. The plans will be sent to City Council for adoption on September 9th. The committee will be able to revise the plans at any point during the next year.
5. The committee discussed CRS credits, point distribution and evaluating which are the best credits to target, given the city of Venice's resources and hazards.
6. We discussed PPI messages and target audiences for those messages.
7. We discussed how to evaluate the effectiveness of the CIP and PPI plans –are the goals quantifiable ie more insurance purchased?
8. We discussed the seller's hazard disclosure form that the realtors use.
9. Kathleen gave an overview of the LMS partnership with Sarasota, Northport and the Town of Longboat Key.
10. We discussed adding the following agenda items to future meetings:
 - a. Cumulative / substantial loss requirements and how they impact / impede other remodeling.
 - b. Lot coverage and development / redevelopment trends.

The next meeting is scheduled for: Monday, September 8th at 3pm. We will schedule 4 meeting dates (1 per quarter) for the 2014-2015 cycle, and consider revising and/or expanding the plans.

The meeting ended at: 8.50am

09/08/2014; Kathleen called for a motion to approve the minutes from Meeting #5.

Mark Hawkins motioned, seconded by Renee Halback. Minutes approved by all committee members present.

September 8th, 2014
Meeting # 7

AGENDA

- Minutes from Meeting #6, 8/26/2014
Approved _____ Approved with comments _____

Step 10: Implement, Evaluate and Revise

- Describe how, when and by whom the plan will be monitored, evaluated and revised.
- Prepare an annual evaluation report on the progress of the plan (from step 8).
 - Must include a review of the community's new:
 - Needs
 - Goals
 - Plans for the area based on:
 - New studies
 - Reports
 - Technical information
 - Hold a public meeting for review and comment on the draft update
 - Submit the report to the governing body
 - Release the report to the media
 - Make the report available to the public
- The annual report must include:
 - The target audiences, the messages and the desired outcomes of the PPI
 - The projects in the PPI to convey the messages
 - Which projects were implemented
 - Why some projects were not implemented
 - What progress was made towards desired outcomes
 - What should be revised, changed, dropped or initiated.
- The committee should review and approve the annual evaluation report
- Steps 4 & 5 / the hazard and problem assessments must be reviewed and brought up to date, accounting for:
 - New floodplain or hazard mapping
 - Annexation of flood-prone areas
 - Additional repetitive loss areas
 - Completed mitigation projects
 - Increased development in the floodplain or watershed
 - New flood control projects
 - Lack of maintenance of flood control projects
 - Major floods or other disasters that occurred since the plan was adopted
 - Any other change in flooding conditions/development exposed to flooding or other hazards covered in the plan
- The planning committee should continue to meet quarterly and
 - Evaluate the plan
 - Revise the plan as needed
- Update the plan by October 1st at least every 5 years.
- Submit a copy of the plan update every 5 years

Meeting Schedule 2014-2015			
Mtg #	Date	Time	Purpose
1			
2			
3			
4			

September 8th, 2014
Meeting # 7

Minutes

The meeting began at: 3.00pm

Present:

Committee: Kathleen Weeden, Greg Schneider, Scott Pickett, Renee Halback, John Meyers, Mark Hawkins, Robert Yoho and Mark Hampshire.

Non-Committee: Gillian Carney

Handouts: Minutes – Mtg #6, Floodplain Management Plan, PPI plan, CIP, Flood Questionnaire.

Kathleen called for a motion to approve the minutes from Meeting #5.

Mark Hawkins motioned, seconded by Renee Halback. Minutes approved by all committee members present.

1. The committee had previously been emailed the three plans which are to be presented at City Council on September 9th. It was agreed that some revisions should be made but that we could table those for the next meeting.
2. We discussed the impacts of the cumulative coverage wording in the ordinance and the fact that Venice has no freeboard.
 - a. The Town of Longboat Key and the City of Sarasota somehow get around this clause. Does the cumulative coverage hurt or help homeowners / the community. What is its actual intent?
 - b. During 2014-2015 we should look into this and determine what the cost/benefits are of re-certifying or re-classifying. Would it take a new ordinance? Would it be an improvement for the community or hinder improvements?
 - c. Mark Hawkins has an upcoming meeting with the Builders Association to discuss this and will report back at our next meeting.
3. The annual report, if required for this year, will be submitted to City Council in memo format. We need to check that it is needed – the new PPI may be sufficient as the annual report.
4. Mark Hawkins requested a copy of the result of the previous CRS audit, and a copy of the result of the upcoming audit once that is available.
5. The Committee was reminded that the floodplain questionnaire has been publicized on the city website and in the papers. Copies were available for them to distribute to their clients.
6. The City will do a CodeRED[®] test on September 12th. This has been publicized as part of the PPI.
7. We discussed dates for the 2014-2015 meetings. A tentative schedule will be arranged and emailed to the committee members prior to a formal notice being made public. Tentative dates are 3rd Tuesday of each month, from 8.30am – 9.30am.

The meeting ended at: 3.35pm

11/18/2014; Kathleen called for a motion to approve the minutes from Meeting #7, August 626th, 2014.

Motioned: Renee Halback. Seconded: Scott Pickett

Minutes approved by all committee members present and on the phone.

NOTICE OF MEETING

The City of Venice Community Rating System (CRS) Committee shall meet on November 18, 2014, beginning at 8.30am until approximately 9.30am. The meeting will take place in The Development Service Conference Room, City Hall, 401 W. Venice Avenue, Venice, Fl 34285. The purpose of this meeting is to implement, evaluate and revise the Floodplain Management Plan.

The public is invited to attend this meeting and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

November 18th, 2014
Meeting # 1, 2014-2015

AGENDA

1. Motion to approve minutes from meeting 7; 8-26-2014 (*Draft minutes attached*)
 - Approved Approved with comments / revisions
 - Motioned by:
 - Seconded by:
2. PPI Outreach Messages
 - a. The CRS credits up to 10 topics. The messages can be tailored to our community.
 - b. 6 are priority topics that must be covered. The remaining 4 can be determined by this committee. Page 330-4 of the CRS manual attached for discussion purposes. (*Handout #1*)

#	Topic	Message
1	Know your flood hazard	<ol style="list-style-type: none"> a. Check to see if you live in SFHA b. Flood zone assistance available at city Engineering Dept. c. Difference between surge and riverine flooding d. Localized flooding information e. Insure your property for your flood hazard
2	Insure your property for your flood hazard (Buy flood insurance)	<ol style="list-style-type: none"> a. Homeowners insurance does not protect against flood damage b. CRS discounts available c. 30 day waiting period
3	Protect people from the hazard	<ol style="list-style-type: none"> a. Do not walk through flowing water b. Do not drive through flooded area c. Stay away from power lines and electrical wires d. Have electricity turned off if property has been flooded e. Watch your step. Look out for animals and harmful insects in flood waters. f. Be alert for gas leaks g. Do not enter a building that has been flooded until it has been cleared by an inspector.
4	Protect your property from the hazard	<ol style="list-style-type: none"> a. Keep driveway culverts clean and free of obstructions b. Report ditch blockages to city Public Works Department c. Retrofit your property – re-grade site or elevate structure d. Elevate air handlers, electrical boxes and water heaters e. Make sure your downspouts are clear and directed away from the house f. Mitigation grants opportunities are available
5	Build responsibly	<ol style="list-style-type: none"> a. Check with Building Dept. before initiating construction or altering grades to see if permit is needed. b. Report unpermitted construction

6	Protect Natural floodplain functions	<ul style="list-style-type: none"> a. Keep drainage areas free of debris b. Do not dump or throw anything into ditches, inlets or streams c. Limit use of fertilizers
7	Hurricane preparedness	<ul style="list-style-type: none"> a. Know your evacuation zone b. Inventory and photograph your home and contents and store with insurance and important documents in a safe place c. Attend the annual city sponsored Hurricane Preparation Seminar in May
8	General preparedness	<ul style="list-style-type: none"> a. Register for CodeRed© early warning notification system. b. Tune into local TV and radio channels for flood notifications or purchase a weather alert radio.
9	Elevated and flood vented properties.	<ul style="list-style-type: none"> a. Keep flood vents open and unobstructed b. Non-conversation statement for areas below the required minimum finished floor
10	Flood education	<ul style="list-style-type: none"> a. Teach children about flood safety and your safety plan

- c. In previous meetings we wanted to focus on the following messages / projects
- CodeRED
 - City publicized and did a signup on 9-12. Outcome (number of people who signed up) has not yet been made available.
 - Educating on cost of insurance and cost of insurance versus mitigation
 - 25% of losses are outside of floodplain
 - 70% of home purchases in Venice are cash
 - Mitigation grants only available for insured properties
 - Target building remodelers and developers re Substantial Improvement regs
 - Cost benefit analysis of points earned in CRS by having rule as ordinance
 - How the ordinance impacts/impedes other remodeling
 - Mark Hawkins to give report of recent meeting with Builders Association.
 - See *Handout #2*
 - Kathleen can do presentations
 - John Hawkins can provide contact info for local associations
 - Retrofitting information
 - Evaluate StormReady cost / benefit for Stakeholders
 - Evaluate potential of CERT training for HOAs as stakeholders
3. PPI Target audiences for 2014-2015
4. PPI projects for 2014-2014, and how to implement them, maximizing message outreach, with minimum redundancy. Example of scoring. Max credit = 330

Outreach project Note: OP credits cap at 200, PPI at 80, STK at 60	Points per topic	# of flood related topics	# of times project delivered	OP = Points per project	PPI multiplier	STK multiplier	Total
	A	B	C	(A*B*C)	OP * 0.4	OP * 0.3	OP + PPI + STK
Informational material	1	2	1	2	0.8	-	2.8
informational material	1	2	1	2	0.8	0.6	3.4
General outreach	2	2	1	4	1.6	-	5.6
General outreach	2	2	1	4	1.6	1.2	6.8
Targeted outreach	6	2	1	12	4.8	-	16.8
Targeted outreach	6	2	1	12	4.8	3.6	20.4

5. FIRM update

- a. Kathleen would like to hold a technical meeting with area stakeholders (surveyors, developers, contractors, realtors, insurance agents, lenders ...) in January, before the public meeting. We need help putting this together and getting the word out through our networks.
- b. Public meeting dates in Venice have been scheduled for:
 - Wednesday, 1-21-2015 at Venice Community Center 4-7 p.m
 - Wednesday, 3-4-2015 at Venice Community Center 4-7 p.m

6. Meeting schedule 2014-2015

Meeting Schedule		
Date	Time	Purpose
Tues, Nov 18 th , 2014	8.30am – 9.30am	Review revised combined FPM. PPI messages, audience and projects. FIRM update meetings
Tues, Feb 17 th , 2015	8.30am – 9.30am	
Tues, May 19 th , 2015	8.30am – 9.30am	
Tues, Aug 15 th , 2015	8.30am – 9.30am	

Table 330-1. CRS topics and example messages.	
Six Priority Topics	Example Messages
1. Know your flood hazard	Your property is subject to flooding You are in a repetitively flooded area Drive safely: five people died in the 2002 flood
2. Insure your property for your flood hazard <i>NOTE: At least one project must include a message on this topic</i>	You need flood insurance Renters should buy flood insurance for their contents Take advantage of a low-cost Preferred Risk Policy
3. Protect people from the hazard	Turn around, don't drown Know the flood warning signals: one long blast of the siren means a flash flood along Silver Creek Designate a place where your family can rendezvous after an evacuation order is issued
4. Protect your property from the hazard	Replace your flooded furnace with one elevated above the flood level Keep debris and trash out of the streams and ditches We can help you get a grant to elevate your home. Call us at _____
5. Build responsibly	Get a permit from . . . before you build Know the substantial damage rules (and the ICC benefits). You can see them at www..... All projects should be at least 10 feet from the property line so you don't alter the drainage between homes
6. Protect natural floodplain functions	Don't dump in the storm drains; they drain to the bay Protect our turtle nesting areas: stay off the beach after sunset Report broken silt fences: they help keep our streams clean
Examples of additional topics (developed by a community that has a Program for Public Information)	Example Messages
7. Hurricane preparedness *	Know your evacuation route
8. General preparedness *	Inventory and photograph your home's contents and put important papers and insurance policies in a safe place
9. Basement flooding *	Check your downspout—drain away from the house
10. Flood education *	Teach school children about flooding
* Example topics 7 and 8 could also be listed under CRS topic 3—Protect people from the hazard. By listing them as separate topics in its PPI, the community can receive credit for covering three different topics in each project. Similarly, example topic 9 could be covered under CRS topic 4. All four additional topics (7 through 10) need to be explained in the Program for Public Information.	

Gillian Carney

From: Kathleen Weeden
Sent: Friday, September 05, 2014 8:44 AM
To: Gillian Carney
Subject: FW: CRS 372b - CP

Please file this response and when we have our quarterly report to discuss this item, we can clarify with the committee.

From: Mitchell, Janice [mailto:Janice.Mitchell@fema.dhs.gov]
Sent: Friday, September 05, 2014 8:40 AM
To: Kathleen Weeden
Subject: RE: CRS 372b - CP

Since the community has adopted a cumulative substantial improvement requirement in their ordinance, it is a minimum NFIP requirement that it be enforced. Providing "exceptions" to that requirement could endanger the community's status in the NFIP.

Janice Mitchell
Insurance Program Specialist
FEMA, Region 4
Phone 770-220-5441
Cell 404-694-5279

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From: Kathleen Weeden [mailto:KWeeden@Venicegov.com]
Sent: Friday, September 05, 2014 8:36 AM
To: Mitchell, Janice; Gillian Carney; 'Lehr, Lori L.'
Subject: RE: CRS 372b - CP

Janice,

Thank you for the information. We will inform the committee. Part of evaluating whether to consider lowering the cumulative number of years if how would it impact our CRS credit and rating. From my perspective, that would end the discussion of allowing exceptions to the cumulative improvements calculations.

Thanks!

Kathleen

From: Mitchell, Janice [mailto:Janice.Mitchell@fema.dhs.gov]
Sent: Friday, September 05, 2014 8:26 AM
To: Gillian Carney; 'Lehr, Lori L.'
Cc: Kathleen Weeden
Subject: RE: CRS 372b - CP

Gillian,

Thank you for providing the document for review by the NFIP.

Overall the package looks very good from our standpoint with one exception. On Page 4 you discuss the cumulative substantial improvement requirements and the possibility of providing exceptions for regular maintenance such as repairing roofs, etc.

When computing cumulative improvements, all cost must be included. Exceptions should not be allowed.

If you have questions, please let me know.

Janice Mitchell
Insurance Program Specialist
FEMA, Region 4
Phone 770-220-5441
Cell 404-694-5279

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From: Gillian Carney [<mailto:GCarney@Venicegov.com>]
Sent: Thursday, September 04, 2014 4:13 PM
To: Mitchell, Janice; Lehr, Lori L.
Cc: Kathleen Weeden
Subject: CRS 372b - CP

Janice,

Please find attached the draft CP for the City of Venice, per CRS 372b, part 3h.

Please email or call if you have any questions regarding this document.

Thanks,

Gillian Carney
Engineering / Stormwater Analyst
City of Venice
401 West Venice Avenue
Venice, Florida 34285

GCarney@Venicegov.com

Office: 941-486-2626, extension 25006

Thank you for helping us keep our community educated about flood hazards, preparation, insurance and mitigation!

PLEASE NOTE: This agency is a public entity and is subject to Chapter 119, Florida Statutes, concerning public records. Email communications are covered under such laws; therefore, email sent or received on this entity's computer system, including your email address, may be disclosed to the public and media upon request. If you do not want your email address released to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

PLEASE NOTE: This agency is a public entity and is subject to Chapter 119, Florida Statutes, concerning public records. Email communications are covered under such laws; therefore, email sent or received on this entity's computer system, including your email address, may be disclosed to the public and media upon request.

If you do not want your email address released to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

November 18th, 2014
Meeting # 1

Minutes

The meeting began at: 9.00am

Present:

Committee: Kathleen Weeden, Greg Schneider, Scott Pickett, Renee Halback, John Meyers, Robert Yoho (by phone) and Mark Hampshire (by phone).

Non-Committee: Gillian Carney

Handouts:

- (1) Page 330-334 of the 2013 CRS manual. Table 330-1. CRS Topics and example messages
- (2) Email, dated 9-5-2014, from Janice Mitchell to Kathleen Weeden re substantial improvement

Kathleen called for a motion to approve the minutes from Meeting #7, August 626th, 2014.

Motioned: Renee Halback. Seconded: Scott Pickett

Minutes approved by all committee members present and on the phone.

1. We should add an annual presentation on the 50-50 rule, by the Building Department to local Realtors, to our outreach projects.
2. Our Floodplain Management Plan (FMP) has been reviewed and scored highly. However, the Program for Public Information (PPI) and Coverage Improvement Plans (CIP) scored poorly.
 - a. Make a spelling correction to OP#9: conversion not conversation.
 - b. The FPM is on the City website. Comments should be emailed to Gillian.
 - c. Public meeting to review the draft FMP/PPI/CIP is on 11-20-2014 in Council Chambers. Committee members will not be allowed to speak during the meeting as it is not covered by Sunshine laws.
3. Non Conversion language was never in the City of Venice Ordinance, but forms have always been available. We need to update the ordinance. Greg Schneider is on contact with CERT to obtain language used to amend the ordinance. He will provide Kathleen with the draft amendment.
 - a. We only have 1 building within the City that needs to be inspected annually.
4. CodeRED – We need the numbers from the September 12th signup.
5. Education – we need to try harder to get the word out about the costs of insurance and insurance versus mitigation. Need to come up with a message that deals specifically with this.
6. We need to add Realtors to the group of people to target re Substantial Improvement regulations as they are a primary source of contact for residents and home owners.
7. The D-FIRMS are scheduled to be posted on the FEMA website on 12-15-2015. There will be a 90 day appeal/protest period, followed by resolution by FEMA, then a 6 month notification period before formal adoption.
 - a. The City will hold a technical meeting for local surveyors, realtors, developers, contractors ...). Date to be posted once the D-FIRMS have been released.
 - b. The City has scheduled 2 public meeting dates, both at the Venice Community Center. We need help getting the word out about these meetings.
8. The next meeting is scheduled for 2-17-2015 at 8.30am

The meeting ended at: 9.20am

NOTICE OF MEETING

The City of Venice Community Rating System (CRS) Committee shall meet on February 17, 2015, beginning at 8.30am until approximately 9.30am. The meeting will take place in The Development Service Conference Room, City Hall, 401 W. Venice Avenue, Venice, Fl 34285. The purpose of this meeting is to implement, evaluate and revise the Floodplain Management Plan.

The public is invited to attend this meeting and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

February 17th, 2015
Meeting # 2

AGENDA

- Minutes from Meeting #1, 11/18//2014
Approved _____ Approved with comments _____
- FEMA map update
- Annual presentation on 50/50 rule by Building Department
- Ordinance amendment – non conversion language
- CodeRED signup numbers
- CRS audit result not yet released
- Status update and evaluation of scheduled outreach.
 - Make sure utility bill mailing is revised and scheduled for February. The 2nd mailing of same is usually done in August.

Meeting Schedule 2014-2015			
Mtg #	Date	Time	Purpose
1	11/18/2014	8.30am – 9.30am	Step 10. Plan monitoring, evaluation and revision
2	2/17/2015	8.30am – 9.30am	FEMA Map update
3	5/19/2015	8.30am – 9.30am	
4	8/18/2015	8.30am – 9.30am	

February 17th, 2015
Meeting # 2

Minutes

The meeting began at: 8.30am

Present:

Committee: Kathleen Weeden, Greg Schneider, Scott Pickett, Renee Halback, Robert Yoho, Mark Hawkins and Eric Jacobs (sitting in for Brian West/ Publix).

Non-Committee: Gillian Carney

Brief introductions, for the benefit of Eric Jacobs.

Kathleen called for a motion to approve the minutes from Meeting #1, November 18th, 2014.

Motioned: Mark Hawkins. Seconded: Renee Halback

Minutes approved by all committee members present.

1. FEMA map modernization
 - a. Attendance was 800+ at the Venice Open house on Jan 21st.
 - b. A 2nd open house has been scheduled for March 4th, hosted by Sarasota County and the City of Sarasota. FEMA will not be present. The info about the open house should be posted on the City of Venice website.
 - c. The biggest issue with the DFIRMs is that street flooding is shown as Zone A, effecting some properties. The City has protested and is trying to get effected properties re-evaluated to a Zone X.
 - d. The protest and appeal period ends on April 30th. The maps will not be adopted until all issues are resolved by FEMA.
 - e. Kathleen has done presentations, on the new maps, to the Chamber of Commerce members, The Sarasota Investment Group and Venetian River and Golf Club. James will be doing presentations to Sertoma and the Bay Indies HOA.
 - f. The City has put a link to the Sarasota floodmap on the City's website. This map is easier to read and navigate than the FEMA DFIRMs on the FEMA website.
 - g. We discussed the background of the NFIP and map modernization process: history, authorization, consequences for not adopting maps (no available flood insurance or disaster assistance), benefits of being in the CRS (discounted flood insurance, disaster assistance).
 - h. There seems to be some misunderstanding within the County with regard to accuracy of the maps, the appeals process, who mandated the maps. It was recommended that we read the Herald Tribune article published after the February County Commissioner's meeting.
 - i. A PDF of the Powerpoint presentation made to the stakeholders prior to the open house should be sent to all the committee members.
2. The Building dept. is awaiting a new building official. An annual presentation on the 50/50 rule will be a part of their duties, and done as educational outreach.
 - a. The 50% rule is only effective when the FF < BFE
3. The drafted ordinance needs to be submitted to Jason/ FEMA. Language being added with an owner's statement declaring that the owner will not convert anything under FF. Ordinance is automatically adopted into City Code.

4. The table of scheduled outreach projects should be sent to all committee members prior to the next meeting.
5. The next meeting is scheduled for 5-19-2015 at 8.30am

The meeting ended at: 9.30am

NOTICE OF MEETING

The City of Venice Community Rating System (CRS) Committee shall meet on May 19, 2015, beginning at 8.30am until approximately 9.30am. The meeting will take place in The Development Service Conference Room, City Hall, 401 W. Venice Avenue, Venice, Fl 34285. The purpose of this meeting is to implement, evaluate and revise the Floodplain Management Plan.

The public is invited to attend this meeting and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

May 19th, 2015
Meeting # 2

AGENDA

- Minutes from Meeting #2 02/17/2015
Approved _____ Approved with comments _____
- Annual presentation on 50/50 rule by Building Department
- Ordinance amendment – non conversion language
- CodeRED signup numbers
- CRS audit result
- Status update and evaluation of scheduled outreach.

Meeting Schedule 2014-2015			
Mtg #	Date	Time	Purpose
1	11/18/2014	8.30am – 9.30am	Step 10. Plan monitoring, evaluation and revision
2	2/17/2015	8.30am – 9.30am	FEMA Map update
3	5/19/2015	8.30am – 9.30am	Status update and evaluation of scheduled outreach
4	8/18/2015	8.30am – 9.30am	

Minutes

The meeting began at: 8.30am

Present:

Committee: Kathleen Weeden, Greg Schneider, Scott Pickett, Robert Yoho, Mark Hawkins, John Meyers and Chad Noble (sitting in for Brian West/ Publix).

Non-Committee: Gillian Carney

By Phone: Mark Hampshire, Renee Halback

Brief introductions, for the benefit of Chad Noble.

Kathleen called for a motion to approve the minutes from Meeting #2, February 17th, 2015

Motioned: Mark Hawkins. Seconded: Renee Halback

Minutes approved by all committee members present.

1. Annual presentation on 50/50 rule by Building Official
 - a. The Building dept. is awaiting a new building official. An annual presentation on the 50/50 rule will be a part of their duties, and done as educational outreach.
 - b. The 50% rule is only effective when the FF < BFE
 - c. Gillian to check on whether Kathleen can add a slide about the 50/50 rule into her presentations, or whether the presentations *must* be given by a building official.
 - d. Suggested groups for the presentations are: BIA/remodelers council (contact John Mass, 907-0296 x304) and the Venice Board of Realtors.
2. Ordinance amendment – non-conversion language
 - a. The draft ordinance and non-conversion agreement were handed out to committee members.
 - b. The City currently has only 1 structure which would be affected were it to be built today: Sharkys. The ordinance is not retroactive. The City will have new structures mapped into coastal A zones when the DFIRMS are adopted.
 - c. The drafted ordinance and non-conversion agreement have been reviewed by the Florida Department of Emergency Management (DEM) and now needs to be submitted to Sherry Harper for CRS review
 - d. There will be 2 public hearings before council, both advertised in the local papers, before the ordinance is adopted into City Code.
 - e. The draft should be sent to Code Enforcement officer, Paul Ianelli, as he should be aware of it.
 - f. Enforcement steps are: Inspection, violation, opportunity to correct and return to compliancy, Code Enforcement. Non-compliant structures are removed from the NFIP and unable to purchase insurance.
3. CodeRED
 - a. A test of the CodeRED system was made on 05-15-2015, prior to the City's annual hurricane seminar.
 - b. Numbers called = 11571, numbers connected = 9083, percentage reached = 78%. The committee would like to see how these numbers compare to last year.

- c. Discussion on why numbers wouldn't/couldn't be reached; disconnected numbers, changed numbers, no voice mail...
 - d. Kathleen explained purpose of CodeRED; boil water notices, road closures as well as hurricane and other emergencies.
4. CRS Audit result
 - a. Our specialist, Lori Lehr, resigned in December and we have not yet received our audit results. She was replaced at the beginning of April by Craig Carpenter.
 - b. ICC will be mandating freeboard in 2018, Florida shortly thereafter. When this happens we may want to request another cycle visit to see if we earn enough credits to move from a class 6 to a class 5 community.
5. Status update and evaluation of scheduled outreach
 - a. Projects are on being done as scheduled and reaching target audiences. No change desired as yet.
6. Roundtable
 - a. Sarasota County is doing a closer review of the DFIRMS as ditches and swales are being considered floodplain.
 - b. The City of Venice filed an appeal because of the same situation with standing water being misclassified as floodplain. We hope that this will result in many areas being re-mapped as X-shaded areas, removing many structures from the floodplain.
7. The next meeting is scheduled for 8-18-2015 at 8.30am

The meeting ended at: 9.15am

NOTICE OF MEETING

The City of Venice Community Rating System (CRS) Committee shall meet on September 15, 2015, beginning at 8.30am until approximately 9.30am. The meeting will take place in The Development Service Conference Room, City Hall, 401 W. Venice Avenue, Venice, Fl 34285. The purpose of this meeting is to implement, evaluate and revise the Floodplain Management Plan.

The public is invited to attend this meeting and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

September 15th, 2015
Meeting # 4

AGENDA

- Minutes from Meeting #3 05/19/2015
Approved _____ Approved with comments _____
- Review of the Sunshine Laws
- Annual CRS report and FMP update
 - Comments requested for discussion in reporting year 2015-2016.
 - Consider proposing dialogue with developers developing in SFHA (floodplain or watershed) as part of their design to seek a blanket LOMA-R from FEMA to remove the new development from the SFHA. Possibly make it a requirement to receive final plat approval.
 - Consider an ordinance to limit the quantity of fill placed on in-fill lots for new construction in SFHA to better provide control over lot run off and limit alteration of historic drainage. Possibly even mandating using stemwall foundation systems in lieu of monolithic grade foundations so little or no fill is placed on the lot outside the footprint of the structure.
 - A discussion on the city’s impervious coverage standard, when it applies and any involvement with SWFWMD in the establishment and enforcement of the standard.
 - Statistics on the frequency of new houses get to the maximum coverage.
- Annual presentation on 50/50 rule by Building Department
- Ordinance amendment – non conversion language
- CRS audit result
- Status update and evaluation of scheduled outreach.
- Distribution of Strategic plan YE 9-30-2016
- Schedule meetings for 2015-2016

Meeting Schedule 2015-2016			
Mtg #	Date	Time	Purpose
1		8.30am – 9.30am	
2		8.30am – 9.30am	
3		8.30am – 9.30am	
4		8.30am – 9.30am	

September 15th, 2015
Meeting # 4

Minutes

The meeting began at 8.45am.

Present:

Committee: Kathleen Weeden, Scot Pickett, Greg Schneider, Renee Halback, Robert Yoho, Mark Hampshire, Tim Adkins.

By Phone: Mark Hawkins

Non-Committee: Gillian Carney

Absent: John Meyers telephoned to say he would be unable to attend.

Kathleen called for a motion to approve the minutes from meeting #3, May 19th, 2015.

Motioned: Renee Halback. Seconded by Mark Hampshire.

Minutes approved by all members present.

1. Kathleen did a quick review of the Sunshine Laws.
 - a. Committee members are not allowed to discuss committee business outside of committee meetings, either in person or by phone/email.
 - b. Committee members had received a memorandum from Lori Stelzer to attend refresher training on the Sunshine Laws (attached).
2. Annual CRS report and FMP update
 - a. The FMP has been updated and will go before Council for adoption on 9/22/2015. There was no further discussion on this update.
 - b. The following issues, requested for discussion in reporting year 2015-2016, were raised and discussed.
 - i. Consider proposing dialogue with developers developing in SFHA (floodplain or watershed) as part of their design to seek a blanket LOMA-R from FEMA to remove the new development from the SFHA. Possibly make it a requirement to receive final plat approval.
 - There is no legal way to do this as the FEMA review period could hold up plats for too long.
 - The City can work with developers to improve their understanding of the implications to their buyers / customers. The Villages of Milano was used as an example.
 - At the least, the City should begin a dialogue with developers to find a way forward. This could be done in the construction review process – it could be added as a final review comment.
 - The City is currently more stringent than SWFWMD; the City requires calculations showing how they will handle the volume for the 1st 24-hours distribution and drainage of rainfall.
 - ii. Consider an ordinance to limit the quantity of fill placed on in-fill lots for new construction in SFHA to better provide control over lot run off and limit alteration of historic drainage. Possibly even mandating using stemwall foundation systems in

- lieu of monolithic grade foundations so little or no fill is placed on the lot outside the footprint of the structure.
- This results in structures with steps leading to the front door, or up from the garage. Therefore, not ADA complaint, and DEP will not allow in velocity zones. We could look at the ordinance that Tarpon Springs has which requires this.
 - The procedure would be to draft an amendment to the Flood Ordinance, have the language reviewed by State and then present amendment to City Council.
 - Opposition would be expected in trying to mandate this, as homeowners do not like the obstacle that stem walls present to parking. Should it be left to the builders to determine by lot?
 - Additional study would be needed to determine how much fill would be required versus a stemwall? Cannot calculate the number of homes to be removed from the floodplain because it would be dependent on new or re-construction.
 - The City needs to be more diligent in their engineering reviews with regard to water drainage. The City should also ask for more drainage calculations.
 - Gillian (and Greg) to pull permits and see what was placed on lots, and how many properties / areas of the City would be impacted.
- iii. A discussion on the City's impervious coverage standard, when it applies, and involvement with SWFWMD in the establishment and enforcement of the standard.
 - The City standard requires site and drainage plans for additions only – specifically roof additions. Gillian to obtain Lot Coverage Standard from Stormwater Engineering Manager (James Clinch) and send to committee members for discussion at our next meeting.
 - City Council grants requests for additional lot coverage.
 - iv. Consider an ordinance to limit the quantity of fill placed on in-fill lots for new Statistics on the frequency of new houses get to the maximum coverage.
 - Data for this is not currently collected, but could be collected by Planning and Zoning. Do we want the City to begin tracking impervious coverage? What would be the best way to do this?
3. Annual presentation on 50/50 rule by Building Department
 - a. This will become a duty of the new building official when hired. Interviews are scheduled to take place this week.
 4. Ordinance amendment – non conversion language.
 - a. The City determined that the time spent in doing an ordinance amendment outweighed the number of points we would earn through the CRS program. We may revisit this if we determine that an ordinance amendment is needed to limit the quantity of fill placed on in-fill lots (see 2.b.ii).
 5. CRS audit result
 - a. We are still awaiting the results of our 5 year cycle audit. Our auditor resigned in December 2015. A replacement was hired in April 2016 and is working on our audit.
 6. Status update and evaluation of scheduled outreach.
 - a. All outreach is up to date and proceeding on schedule.
 7. Distribution of Strategic plan YE 9-30-2016
 - a. This package was received from Lori Stelzer and distributed both by email and at this meeting (attached).
 8. Schedule meetings for 2015-2016

- The first meeting was tentatively scheduled for December 1st. Other meetings will be scheduled at a later date.

The meeting ended at 9.40am

Meeting Schedule 2015-2016			
Mtg #	Date	Time	Purpose
1	12/1/2015	8.30am – 9.30am	
2		8.30am – 9.30am	
3		8.30am – 9.30am	
4		8.30am – 9.30am	

NOTICE OF MEETING

The City of Venice Community Rating System (CRS) Committee shall meet on December 1, 2015, beginning at 8.30am until approximately 9.30am. The meeting will take place in The Development Service Conference Room, City Hall, 401 W. Venice Avenue, Venice, Fl 34285. The purpose of this meeting is to implement, evaluate and revise the Floodplain Management Plan.

The public is invited to attend this meeting and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

December 1st, 2015
Meeting # 1, 2015-2016

AGENDA

- Minutes from Meeting #4, September 15th, 2015
 Motioned: _____ Seconded: _____
 Approved _____ Approved with comments _____

- Sunshine Law Training
 - Have all members attended training or refresher training?
- Annual CRS report and FMP update
 - The Floodplain Management Plan (FMP) was updated, and adopted by Council on 9/22/2015
 - The Joint Local Mitigation Strategy (LMS) update is in process.
 - Have we given more consideration to dialogue with developers during construction review phase, re removing properties from SFHA?
 - Stemwall foundations
 - Tarpons Springs Ordinance (Handout #1)
 - Properties with stemwalls (list attached)
 - Impervious coverage
 - Lot Coverage, allowances (attached)
 - Tracking
- Annual presentation on 50/50 rule by Building Department
 - New Building Official - Frank O'Neill.
- CRS audit result
- Status update and evaluation of scheduled outreach.
- Other Items?
- Schedule meetings for 2015-2016

Meeting Schedule 2015-2016			
Mtg #	Date	Time	Purpose
1	12/01/2015	8.30am – 9.30am	
2		8.30am – 9.30am	
3		8.30am – 9.30am	
4		8.30am – 9.30am	

Gillian Carney

From: Gillian Carney
Sent: Wednesday, September 16, 2015 3:45 PM
To: Karen Butterworth
Subject: Permit search question

Karen,

What is the best way to search for homes with either monolithic foundations or stemwalls?

I need to determine the number of homes in the City with each of the above.

Thanks,

Gillian Carney
Stormwater Engineering Research Analyst
City of Venice
401 West Venice Avenue
Venice, Florida 34285

GCarney@Venicegov.com

Office: 941-486-2626, extension 25006

Thank you for helping us keep our community educated about flood hazards, preparation, insurance and mitigation!

Note: All electronic data sent or received through this e-mail address is public record, governed by the State of Florida, Public Records Law

From: Gregory Schneider
Sent: Wednesday, September 16, 2015 3:30 PM
To: Gillian Carney <GCarney@Venicegov.com>
Subject: Fill vs Stemwall

Gillian,

The following permits related to subject line.

801 Pillitteri Pl, #14-4155, stemwall

805 Pillitteri Pl, #15-2388, stemwall

809 Pillitteri Pl, #14-1796, stemwall

817 Pillitteri Pl, #15-1869, stemwall

The above were a combination of fill placed on lot and stemwall that was back filled.

817 Laguna Dr, #14-1222, stemwall

815 Laguna Dr, #12-715, stemwall

830 Laguna Dr, #12-2433, stemwall

400 Bayshore Dr, #14-1251, stemwall

732 Cadiz Rd, #12-775, lot fill with monolithic foundation

Permits starting with 14- or 15- are paper files in the Building Division. Permits starting with 12- are on Laserfiche. These are the most recent that I can remember. Please speak with Karen if you need additional permits. She may know of a way to search the data base to pull them up.

Greg

PLEASE NOTE: This agency is a public entity and is subject to Chapter 119, Florida Statutes, concerning public records. Email communications are covered under such laws; therefore, email sent or received on this entity's computer system, including your email address, may be disclosed to the public and media upon request. If you do not want your email address released to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

Lot Coverage Requirements, by Zone								
Zone	Abbreviation	Max. Residential Density	Lot Coverage (%)	Min. Yard Requirements (Ft.)				Code Section
				Front	Rear	Side	Waterfront	
Open Use Conservation	OUC	1 unit / 25 acres	Unrestricted	50	50	50	50	86-70
Residential Estate	RE	1 / acre	25	25	20	10	20	86-80
Residential, Single-Family	RSF-1	2.5 / acre	30	20	10	8	20	86-81
Residential, Single-Family	RSF-2	3.5 / acre	30	20	10	8	20	86-81
Residential, Single-Family	RSF-3	4.5 / acre	35	20	10	6	20	86-81
Residential, Single-Family	RSF-4	5.5 / acre	35	20	10	6	20	86-81
Residential, Multiple-Family	RMF-1	6 / acre	Height ≤35ft, 30	20	15	12	20	86-82
Residential, Multiple-Family	RMF-1	6 / acre	Height 36-45ft, 28	20	15	12	20	86-82
Residential, Multiple-Family	RMF-1	6 / acre	Height 46-55ft, 26	20	15	12	20	86-82
Residential, Multiple-Family	RMF-2	9 / acre	Height ≤35ft, 30	20	15	12	20	86-82
Residential, Multiple-Family	RMF-2	9 / acre	Height 36-45ft, 28	20	15	12	20	86-82
Residential, Multiple-Family	RMF-2	9 / acre	Height 46-55 ft, 26	20	15	12	20	86-82
Residential, Multiple-Family	RMF-3	13 / acre	Height ≤35ft, 30	20	15	15	20	86-82
Residential, Multiple-Family	RMF-3	13 / acre	Height 36-45ft, 28	20	15	15	20	86-82
Residential, Multiple-Family	RMF-3	13 / acre	Height 46-55ft, 26	20	15	15	20	86-82
Residential, Multiple-Family	RMF-3	13 / acre	Height 56-65 ft, 24	20	15	15	20	86-82
Residential, Multiple-Family	RMF-3	13 / acre	Height 66-85ft, 22	20	15	15	20	86-82
Residential, Multiple-Family	RMF-4	18 / acre	Height ≤35ft, 30	20	15	15	20	86-82
Residential, Multiple-Family	RMF-4	18 / acre	Height 36-45ft, 28	20	15	15	20	86-82
Residential, Multiple-Family	RMF-4	18 / acre	Height 46-55ft, 26	20	15	15	20	86-82
Residential, Multiple-Family	RMF-4	18 / acre	Height 56-65 ft, 24	20	15	15	20	86-82
Residential, Multiple-Family	RMF-4	18 / acre	Height 66-85ft, 22	20	15	15	20	86-82
Residential, Multiple-Family	RMF-4	18 / acre	Height 86-105ft, 20	20	15	15	20	86-82
Residential, Manufactured Home	RMH	5 / acre	Undetermined	Undetermined	Undetermined	Undetermined	Undetermined	86-83
Planned Unit Development	PUD	4.5 / acre	1 acre	N/A	N/A	N/A	N/A	86-130
Office, Professional and Institutional (townhouses and multi-family dwellings)	OPI	9 / acre	30	20	15	10	20	86-90
Office, Professional and Institutional (adult congregate living communities w/kitchen)	OPI	30 / acre	30	20	15	10	20	86-90
Office, Professional and Institutional (adult congregate living communities w/o kitchen)	OPI	55 / acre	30	20	15	10	20	86-90
Commercial, Neighborhood	CN	Prohibited	Unrestricted	20	10	8	N/A	86-91
Commercial, General (Multi-family dwellings)	CG	18 / acre	30	20	10	8	N/A	86-92
Commercial, General (other permissible buildings)	CG	18	Unrestricted	20	10	8	N/A	86-92
Commercial, Intensive	CI	Prohibited	Unrestricted	20	10	8	N/A	86-93
Commercial, Business District	CBD	18 / acre	30	20	15	15	20	86-94
Commercial, Shopping Center	CSC	Prohibited	35	N/A	N/A	N/A	N/A	86-131
Industrial, Light and Warehousing	ILW	Prohibited	Unrestricted	No requirement	5	No requirement	No requirement	86-100
Planned Industrial Development	PID	Prohibited	Unrestricted	No requirement	No requirement	No requirement	No requirement	86-132
Government Use	GU	18 / acre	No requirement	No requirement	No requirement	No requirement	No requirement	86-110

Zone	Abbreviation	Max. Residential Density	Lot Coverage (%)	Min. Yard Requirements (Ft.)				Code Section
				Front	Rear	Side	Waterfront	
Marine Park	MP	No requirement	No requirement	No requirement	No requirement	No requirement	No requirement	86-71
Residential, Tourist Resort (Hotels, Motels)	RTR	36 / acre	Height ≤35ft, 30	20	15	15	20	86-84
Residential, Tourist Resort (Hotels, Motels)	RTR	36 / acre	Height 36-45ft, 28	20	15	15	20	86-84
Residential, Tourist Resort (Hotels, Motels)	RTR	36 / acre	Height 46-55ft, 26	20	15	15	20	86-84
Residential, Tourist Resort (Hotels, Motels)	RTR	36 / acre	Height 56-65 ft, 24	20	15	15	20	86-84
Residential, Tourist Resort (Hotels, Motels)	RTR	36 / acre	Height 66-75ft, 22	20	15	15	20	86-84
Residential, Tourist Resort (Hotels, Motels)	RTR	36 / acre	Height 76-105ft, 20	20	15	15	20	86-84
Residential, Tourist Resort (Interval occupancy where more than 50% of the units have cooking facilities)	RTR	18 / acre	Height ≤35ft, 30	20	15	15	20	86-84
Residential, Tourist Resort (Interval occupancy where more than 50% of the units have cooking facilities)	RTR	18 / acre	Height 36-45ft, 28	20	15	15	20	86-84
Residential, Tourist Resort (Interval occupancy where more than 50% of the units have cooking facilities)	RTR	18 / acre	Height 46-55ft, 26	20	15	15	20	86-84
Residential, Tourist Resort (Interval occupancy where more than 50% of the units have cooking facilities)	RTR	18 / acre	Height 56-65 ft, 24	20	15	15	20	86-84
Residential, Tourist Resort (Interval occupancy where more than 50% of the units have cooking facilities)	RTR	18 / acre	Height 66-75ft, 22	20	15	15	20	86-84
Residential, Tourist Resort (Interval occupancy where more than 50% of the units have cooking facilities)	RTR	18 / acre	Height 76-105ft, 20	20	15	15	20	86-84
Venetian Gateway (overlay)	VG	Requirements as for underlying District						86-120
Office, Medical and Institutional	OMI	72 beds / acre	30	20	15	10	N/A	86-95
Commercial, Highway Interchange	CHI	36 / acre	35	50	25	25	N/A	86-96
Planned Commercial Development District	PCD	Prohibited	Unrestricted	No requirement	No requirement	No requirement	No requirement	86-133
Commercial Mixed Use District	CMU	18 / acre	No requirement	No requirement	No requirement	No requirement	No requirement	86-97
Neighborhood Height Overlay District	NHO	Requirements as for underlying District						86-121
Venetian Urban Design District	VUD	18 / acre	Unrestricted	N/A	N/A	N/A	N/A	86-122

CRS Committee Meeting

Date

12-1-15

Name	Affiliation	Email	Phone
Robert Yoho	The Danex Corporation	Ryoho@danexcorp.com	941-626-9971
John MEYERS	BHHS Florida Realty	j.meyers@comcast.net	578-274-4639
Aulion Carney	City of Venice	scarney@venicegov.com	
Mark Hampshire	Capital Bank	Mark.Hampshire@Capitalbank.com	941-412-2846
Frank Orsini	City of Venice		
GREG SCHNEIDER	CITY OF VENICE		941-882-7374
Kathleen Warden	City of Venice		
Mark Hawkins			
Tim Adkins			
Scott Filbeck	CGV		882-7437

December 1st, 2015
Meeting # 1, 2015-2016

MINUTES

Kathleen Weeden called the meeting to order at 8.35am

1. Minutes from Meeting #4, September 15th, 2015
Motioned: Greg Schneider _____ Seconded: Mark Hampshire
Approved X _____ Approved with comments _____
2. Kathleen called for introductions around the table and by phone, primarily for the benefit of Frank O'Neill who will be replacing Greg Schneider on the Committee.
3. Sunshine Law Training
 - a. Kathleen reminded members that they need to attend the Sunshine Laws training, and that there is a DVD available from the City Clerk's office for those unable to attend scheduled training.
4. Annual CRS report and FMP update
 - a. The FMP has been updated, and was approved and adopted by Council on 9/22/2015. Kathleen did a brief review of the FMP and the CRS committee.
 - b. Kathleen did a brief review of the Local Mitigation Strategy (LMS) and the communities involved. The final draft LMS is currently under review by the communities. It is scheduled to be sent to State in January 2016.
 - c. With regard to development in the SFHA. Kathleen has an ongoing dialogue with the developers as they approach new development phases.
 - d. Stem wall foundations:
 - i. Tarpon Springs no longer has a stemwall ordinance, but bases their code on building height.
 - ii. The CRS committee does not feel that we have enough properties with stem walls for this to be a concern, and that an ordinance covering stem walls holds no advantage to the City or residents and would be difficult as they differ case by case.
 - e. Impervious coverage:
 - i. Lot coverage is not the same as impervious coverage. The City does not appear to have a standard for impervious coverage, although the Stormwater division has a form which is to be completed when a certain percentage of coverage is reached. The City does not appear to have regulations concerning maximum impervious coverage. James and Gillian to research this for the next meeting.
 - ii. Cathy Dubre currently tracks impervious coverage in MapInfo, but the task of querying a total would be too cumbersome. The IT dept. has recently installed QGIS on Gillian's laptop and this should aid in converting shapefiles from MapInfo to ArcMAP. So, we may have numbers for the next meeting.
5. Annual presentation on 50% rule by Building Department
 - a. New Building Official - Frank O'Neill will be replacing Greg Schneider on the CRS Committee.
 - b. Schedule presentations to the Building Industry Association BIA (contact John Mast) and Venice Area Board of realtors VABR. The committee agrees that people seem to know of the 50% rule, but there is confusion as to what it means, especially in conjunction with the City's 10 year rule.
6. We still do not have the result of our 2014 CRS audit.

7. Scheduled outreach is up to date.
8. New Business:
 - a. There was discussion about the State and National historic registry.
 - i. Being listed on the registry makes a building eligible for restoration funds. It also exempts the building from FEMA regulations, as long as the building is kept in accord with the historic tone.
9. Schedule meetings for 2015-2016.
 - a. A request was made to mail future meeting notices and agendae to non-city employed CRS members.

Meeting Schedule 2015-2016			
Mtg #	Date	Time	Purpose
1	12/01/2015	8.30am – 9.30am	
2	3/1/2016	8.30am – 9.30am	
3	6/7/2016	8.30am – 9.30am	
4	9/6/2016	8.30am – 9.30am	Update FMP

NOTICE OF MEETING

The City of Venice Community Rating System (CRS) Committee shall meet on March 1, 2016, beginning at 8.30am until approximately 9.30am. The meeting will take place in The Development Service Conference Room, City Hall, 401 W. Venice Avenue, Venice, FL 34285. The purpose of this meeting is to implement, evaluate and revise the Floodplain Management Plan.

The public is invited to attend this meeting and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

March 1st, 2016
Meeting # 2, 2015-2016

AGENDA

- Minutes from Meeting #1, December 1st, 2015
Motioned: _____ Seconded: _____
Approved _____ Approved with comments _____

- Sunshine Law Training
 - Memorandum from City Clerk
- Local Mitigation Strategy (LMS) update
- Impervious Coverage
 - City regulations
 - Conversion from MapInfo
- Annual presentations on 50/50 rule by Building Official - Frank O'Neill
 - Building Industry Association (Contact: John Mast)
 - Venice Board of Realtors
- CRS audit result
- Status update and evaluation of scheduled outreach.
- New Business

Meeting Schedule 2015-2016			
Mtg #	Date	Time	Purpose
1	12/01/2015	8.30am – 9.30am	Regularly scheduled meeting
2	3/1/2016	8.30am – 9.30am	Regularly scheduled meeting
3	6/7/2016	8.30am – 9.30am	Regularly scheduled meeting
4	9/6/2016	8.30am – 9.30am	Regularly scheduled meeting

Name	Affiliation	Email	Phone
Gillian Carney	City of Venice	Gcarney@venice.gov.com	941-882-7412
Reese Halback - by phone			941-485-2323
Mark Holkins	Hawk's Nest Const	Hwksn@msn.com	941-650-9499
Mark Hampshire	Capital Bank	Mark.hampshire@capitalbank.com	941-468-0237
Robert Yoho	Dames Corp.	Ryoho@damescorp.com	941-626-9971
John Meyers	BHS FL. Realty	jameyers@comcast.net	574-274-4639
Frank O'Neill	City of Venice	FONeill@venicegov.com	941 882 7373
Scott Pickett	City of Venice	Spickett@venicegov.com	882-7433
Jim Adkins	Publix	Timpblx@Publix.com	941 302-9343
Kathleen Weiden	City of Venice	Kweidenc@venicegov.com	941-882-7409

March 1st, 2016
Meeting # 2, 2015-2016

MINUTES

Present: Kathleen Weeden, Mark Hawkins, Robert Yoho, Mark Hampshire, Frank O'Neill, Scott Pickett, John Meyers, Tim Adkins and Gillian Carney (non-committee member)

By Phone: Renee Halback

Kathleen Weeden called the meeting to order at 8.35am

1. Minutes from Meeting #1, December 1st, 2015
Motioned: Renee Halback Seconded: Robert Yoho
Approved X Approved with comments _____
2. Kathleen called for introductions around the table and by phone, primarily for the benefit of Renee Halback, calling in by phone.
3. Verified that all committee members received the agenda and draft minutes in the mail.
 - a. Correct addresses for John Meyers and Robert Yoho
4. Sunshine Law Training
 - a. We verified that all members have completed their Sunshine training. There is a question about Mark Hampshire. Gillian to check with Lori Stelzer.
5. Local Mitigation Strategy (LMS) update
 - a. The LMS was adopted by City of Venice Council on January 12th, 2016. Resolution #2016-001.
6. Impervious coverage:
 - a. The IT dept. has recently installed QGIS on Gillian's laptop and this should aid in converting shapefiles from MapInfo to ArcMap. So, we may have numbers for the next meeting.
 - b. The Planning and Building departments have the capability to enter this, and additional, information into the AS400 system. We need to check how this can best be achieved, and if the new E-Plan or any other systems would affect this.
 - c. MapInfo is currently being phased out and ArcMap is being phased in to the City. Currently this info is only held in MapInfo, and only 2 City employees use MapInfo.
7. Annual presentation on 50% rule by Building Department
 - a. We are waiting the result of the CRS audit before determining whether the City can, or ought to, change to a 5 year instead of the present 10 year rule. The CRS audit score will enable us to calculate where we can change credits to allow for this, if it is deemed to be in the best interests of the City.
 - i. The 50% rule only affects Repetitive Loss and Severe Repetitive Loss properties, and properties within the SFHA that are built below the BFE.
 - ii. Grant money is available from FEMA for owners of Repetitive Loss and Severe Repetitive Loss structures to elevate the structure above the BFE.
 - iii. The 50% rule is based on the replacement value of the structure, not the Tax Appraiser's value.
 - iv. Planning trends indicate new owners demolishing and rebuilding on parcels instead of elevating and remodeling existing structures which are below the BFE. So, while the 50% rule is currently an issue, trends indicate the issue will diminish over time.
 - v. In evaluating the timeline of the 50% rule, is the City able to rewrite the ordinance to exempt wind and hurricane mitigation such as windows and roofs?

- b. Schedule presentations to the Building Industry Association BIA (contact John Mast). Mark Hawkins to introduce Frank O’Neill to John Mast.
- c. Schedule a seminar for the Venice Area Board of realtors VABR, to include local builders, remodelers, engineers, Planning and Building departments, and FEMA appraisers. The committee agrees that people seem to know of the 50% rule, but there is confusion as to what it means, especially in conjunction with the City’s 10 year rule.
- 8. We still do not have the result of our 2014 CRS audit.
 - a. We anticipate receiving the final score before April. Upon receipt, the result will be emailed to all CRS committee members.
 - b. Currently anticipated to move from a 6 down to a 7, which would be a 5% increase in the flood insurance for local residents.
- 9. Scheduled outreach is up to date.
 - a. See 7c, above. Add this as an annual outreach project.
- 10. New Business: Frank O’Neill will be leaving the Committee and will be replaced by Greg Schneider, Deputy Building Official.

Meeting Schedule 2015-2016			
Mtg #	Date	Time	Purpose
1	12/01/2015	8.30am – 9.30am	Regularly scheduled quarterly meeting
2	3/1/2016	8.30am – 9.30am	Regularly scheduled quarterly meeting
3	6/7/2016	8.30am – 9.30am	Regularly scheduled quarterly meeting
4	9/6/2016	8.30am – 9.30am	Update FMP

Motioned: Mark Hawkins _____ Seconded: Renee Halback
 Approved X _____ Approved with comments _____
 July 19th, 2016

NOTICE OF MEETING

The City of Venice Community Rating System (CRS) Committee shall meet on July 19, 2016, beginning at 8.30am until approximately 9.30am. The meeting will take place in The Development Service Conference Room, City Hall, 401 W. Venice Avenue, Venice, Fl 34285. The purpose of this meeting is to implement, evaluate and revise the Floodplain Management Plan.

The public is invited to attend this meeting and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

July 19th, 2016
Meeting # 3, 2015-2016

AGENDA

- Minutes from Meeting #2, March 1st, 2016
Motioned: _____ Secoded: _____
Approved _____ Approved with comments _____

- Sunshine Law Training
- CRS audit result
- Outreach programs
 - Topics and Messages
 - Outreach groups
 - Types of outreach
- Impervious Coverage
 - City regulations
 - Conversion from MapInfo
- 50% rule
 - Annual presentations on 50/50 rule by Building Official - Frank O'Neill
 - Building Industry Association (Contact: John Mast)
 - Seminar for Venice Area Board of Realtors
- New Flood Maps (DFIRMs)
- New Business

Meeting Schedule 2015-2016			
Mtg #	Date	Time	Purpose
1	12/01/2015	8.30am – 9.30am	Regularly scheduled meeting
2	3/1/2016	8.30am – 9.30am	Regularly scheduled meeting
3	6/7/2016	8.30am – 9.30am	Regularly scheduled meeting. Changed to 7-19-2016
4	9/6/2016	8.30am – 9.30am	Regularly scheduled meeting

Name	Affiliation	Email	Phone
RENEE HUBACK	INSURANCE AGT	venice@shadesofinsurance.com	941-485-2323
Robert Yoho	CBC, CMR, Mortgage	lyohoo@dunexcorp.com	941-626-9971
Mark Hawkins	Hawkins Design Const	Hawknes@msn.com	941-650-9499
Kathleen Warden	CITY OF VENICE ENGINEERING	on file	941-882-7409
Gillian Carey	City of Venice	gcarey@venice.gov.com	941-882-7412
Frank O'Neill	City of Venice	FONell@venice.gov.com	941-882-7378
John Meyers	BTHS Florida Realty	j.meyers@comcast.net	574-274-4889
Scott Pickett	COV	spickett@venicegov.com	882-7453
Mark Hampshire	Capital bank	Mark.Hampshire@CapitalBank.com	412-2846
Greg Schneider	CITY OF VENICE	G.SCHNEIDER@VENICE.GOV.COM	882-7374

NOTICE OF MEETING

The City of Venice Community Rating System (CRS) Committee shall meet on September 20, 2016, beginning at 8.30am until approximately 9.30am. The meeting will take place in The Development Service Conference Room, City Hall, 401 W. Venice Avenue, Venice, Fl 34285. The purpose of this meeting is to implement, evaluate and revise the Floodplain Management Plan.

The public is invited to attend this meeting and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

September 20th, 2016
Meeting # 4, 2015-2016

AGENDA

- Minutes from Meeting #3, July 19th, 2016
 Motioned: _____ Seconded: _____
 Approved _____ Approved with comments _____

- Sunshine Law Training (Lori Stelzer & Kelly Fernandez)
- Annual Floodplain Management Plan report & update
- CRS audit review
- 50% rule
 - Proposed Ordinance change
 - Greg Schneider’s report
 - Annual presentations on 50/50 rule by Building Official - Frank O’Neill
 - Building Industry Association (Contact: John Mast)
 - Seminar for Venice Area Board of Realtors
- New Business

Meeting Schedule 2015-2016			
Mtg #	Date	Time	Purpose
1	12/01/2015	8.30am – 9.30am	Regularly scheduled meeting
2	3/1/2016	8.30am – 9.30am	Regularly scheduled meeting
3	6/7/2016	8.30am – 9.30am	Regularly scheduled meeting
4	9/6/2016	8.30am – 9.30am	Regularly scheduled meeting

Tentative Meeting Schedule 2016-2017			
Mtg #	Date	Time	Purpose
1		8.30am – 9.30am	Regularly scheduled meeting
2		8.30am – 9.30am	Regularly scheduled meeting
3		8.30am – 9.30am	Regularly scheduled meeting
4		8.30am – 9.30am	Regularly scheduled meeting

July 19th, 2016
Meeting # 3, 2015-2016

MINUTES

Present: Kathleen Weeden, Mark Hawkins, Robert Yoho, Mark Hampshire, Scott Pickett, John Meyers, Renee Halback, Greg Schneider, and non-committee members Gillian Carney and Frank O'Neill.

By Phone:

Absent: Publix Super Markets – David Warring may be replacing Tim Adkins.

Kathleen Weeden called the meeting to order at 8.30am

1. Minutes from Meeting #2, March 1st, 2016
Motioned: Mark Hawkins Seconded: Renee Halback
Approved X Approved with comments _____
2. Kathleen called for introductions around the table.
3. Verified that all committee members received the agenda and draft minutes in the mail.
4. Sunshine Law Training
 - a. Will be put on the agenda, annually, for the September meeting so that all members remain in compliance.
5. CRS 2014 audit
 - a. Discussion of the CRS impact on the insurance rate for residents; City of Venice is remaining a class 6, therefore our residents receive a 20% discount on their premium.
6. Outreach programs
 - a. Can we add an outreach targeting only those in the SFHA?
 - b. Can we add an outreach / presentation to local insurance agents?
 - c. Can we map and do an outreach to owners of buildings with historical designations?
 - i. Work with James Hagler on this.
7. Impervious coverage mapping:
 - a. Currently impervious coverage info is only held in MapInfo, and only 2 City employees use MapInfo. MapInfo is currently being phased out and ArcMap is being phased in to the City. Gillian will import files when the ArcMap license changes.
8. 50% rule (Substantial Improvement / Substantial Damage)
 - a. Discussion on the points available from the CRS audit to enable the City to change the 50% rule. Currently the City has a 10 year rule.
 - i. The committee has asked Greg Schneider to write a report **on which the committee will vote at the next meeting.**
 - ii. Changes to include:
 1. 0 for safety aspects – Bldg. Dept. to detail safety items for exemption.
 2. 1 year for everything else.
 3. Code violations are exempt
 4. Should we be more concerned with fresh water flooding than surge?
 - iii. If the committee votes to change the 5% rule, a draft ordinance will need to be sent to FDEM for approval.
 - iv. If draft ordinance is accepted, the FMP will need to be updated, and scored. The revised PPI can also be scored and re-evaluated at this time.
 - v. Gillian to contact Craig Carpenter (ISO rep) to determine best procedure.

- b. Schedule presentations to the Building Industry Association BIA (contact John Mast). Mark Hawkins to introduce Frank O'Neill to John Mast.
- 9. September meeting date
 - a. Gillian to send out survey to all members to ascertain best meeting date for September.

Meeting Schedule 2015-2016			
Mtg #	Date	Time	Purpose
1	12/01/2015	8.30am – 9.30am	Regularly scheduled quarterly meeting
2	3/1/2016	8.30am – 9.30am	Regularly scheduled quarterly meeting
3	6/7/2016	8.30am – 9.30am	Regularly scheduled quarterly meeting
4	9/06/2016	8.30am – 9.30am	Annual FMP report. Sunshine Law Training.

DRAFT

July 19th, 2016
Meeting # 3, 2015-2016

MINUTES

Present: Kathleen Weeden, Mark Hawkins, Robert Yoho, Mark Hampshire, Scott Pickett, John Meyers, Renee Halback, Greg Schneider, and non-committee members Gillian Carney and Frank O'Neill.

By Phone:

Absent: Publix Super Markets – David Warring may be replacing Tim Adkins.

Kathleen Weeden called the meeting to order at 8.30am

1. Minutes from Meeting #2, March 1st, 2016
Motioned: Mark Hawkins Seconded: Renee Halback
Approved X Approved with comments _____
2. Kathleen called for introductions around the table.
3. Verified that all committee members received the agenda and draft minutes in the mail.
4. Sunshine Law Training
 - a. Will be put on the agenda, annually, for the September meeting so that all members remain in compliance.
5. CRS 2014 audit
 - a. Discussion of the CRS impact on the insurance rate for residents; City of Venice is remaining a class 6, therefore our residents receive a 20% discount on their premium.
6. Outreach programs
 - a. Can we add an outreach targeting only those in the SFHA?
 - b. Can we add an outreach / presentation to local insurance agents?
 - c. Can we map and do an outreach to owners of buildings with historical designations?
 - i. Work with James Hagler on this.
7. Impervious coverage mapping:
 - a. Currently impervious coverage info is only held in MapInfo, and only 2 City employees use MapInfo. MapInfo is currently being phased out and ArcMap is being phased in to the City. Gillian will import files when the ArcMap license changes.
8. 50% rule (Substantial Improvement / Substantial Damage)
 - a. Discussion on the points available from the CRS audit to enable the City to change the 50% rule. Currently the City has a 10 year rule.
 - i. The committee has asked Greg Schneider to write a report **on which the committee will vote at the next meeting.**
 - ii. Changes to include:
 1. 0 for safety aspects – Bldg. Dept. to detail safety items for exemption.
 2. 1 year for everything else.
 3. Code violations are exempt
 4. Should we be more concerned with fresh water flooding than surge?
 - iii. If the committee votes to change the 5% rule, a draft ordinance will need to be sent to FDEM for approval.
 - iv. If draft ordinance is accepted, the FMP will need to be updated, and scored. The revised PPI can also be scored and re-evaluated at this time.
 - v. Gillian to contact Craig Carpenter (ISO rep) to determine best procedure.

- b. Schedule presentations to the Building Industry Association BIA (contact John Mast). Mark Hawkins to introduce Frank O'Neill to John Mast.
- 9. September meeting date
 - a. Gillian to send out survey to all members to ascertain best meeting date for September.

Meeting Schedule 2015-2016			
Mtg #	Date	Time	Purpose
1	12/01/2015	8.30am – 9.30am	Regularly scheduled quarterly meeting
2	3/1/2016	8.30am – 9.30am	Regularly scheduled quarterly meeting
3	6/7/2016	8.30am – 9.30am	Regularly scheduled quarterly meeting
4	9/06/2016	8.30am – 9.30am	Annual FMP report. Sunshine Law Training.

NOTICE OF MEETING

The City of Venice Community Rating System (CRS) Committee shall meet on September 20, 2016, beginning at 8.30am until approximately 9.30am. The meeting will take place in The Development Service Conference Room, City Hall, 401 W. Venice Avenue, Venice, Fl 34285. The purpose of this meeting is to implement, evaluate and revise the Floodplain Management Plan.

The public is invited to attend this meeting and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

September 20th, 2016
Meeting # 4, 2015-2016

AGENDA

- Minutes from Meeting #3, July 19th, 2016
 Motioned: _____ Seconded: _____
 Approved _____ Approved with comments _____

- Sunshine Law Training (Lori Stelzer & Kelly Fernandez)
- Annual Floodplain Management Plan report & update
- CRS audit review
- 50% rule
 - Proposed Ordinance change
 - Greg Schneider’s report
 - Annual presentations on 50/50 rule by Building Official - Frank O’Neill
 - Building Industry Association (Contact: John Mast)
 - Seminar for Venice Area Board of Realtors
- New Business

Meeting Schedule 2015-2016			
Mtg #	Date	Time	Purpose
1	12/01/2015	8.30am – 9.30am	Regularly scheduled meeting
2	3/1/2016	8.30am – 9.30am	Regularly scheduled meeting
3	6/7/2016	8.30am – 9.30am	Regularly scheduled meeting
4	9/6/2016	8.30am – 9.30am	Regularly scheduled meeting

Tentative Meeting Schedule 2016-2017			
Mtg #	Date	Time	Purpose
1		8.30am – 9.30am	Regularly scheduled meeting
2		8.30am – 9.30am	Regularly scheduled meeting
3		8.30am – 9.30am	Regularly scheduled meeting
4		8.30am – 9.30am	Regularly scheduled meeting

September 20th,
2016 Meeting # 3,
2015-2016

MINUTES

Present: Kathleen Weeden, Mark Hawkins, Robert Yoho, Mark Hampshire, Scott Pickett, Renee Halback, Greg Schneider, and non-committee members Gillian Carney, Frank O'Neill, Lori Stelzer and Kelly Fernandez.

By Phone: -

Absent: John Meyers

Kathleen Weeden called the meeting to order at 8.45am

1. Minutes from Meeting #3, July 19th, 2016
Motioned: Mark Hawkins Seconded: Renee Halback
Approved X Approved with comments _____
2. Lori Stelzer and Kelly Fernandez conducted the annual Sunshine Training required for committee members.
3. The annual flood plain management plan report, and plan update is on the Council agenda for September 27th.
 - a. Gillian to email report and updated plan to all committee members
4. CRS Review is ongoing. Gillian will have a full report at December meeting.
 - a. Changes to the CRS PPI
 - i. Added the Mayor's name and target group to utility mailing
 - ii. "Poop Fairy" stickers and signs will be posted at parks, veterinary clinics and HOA's
5. 50% Rule:
 - a. Committee reviewed 1 year and 5-year ordinance changes.
 - i. Mark Hawkins motioned to accept 1-year version, motion seconded by Robert Yoho. Kathleen called for a vote. Motion passed unanimously.
 - ii. Gillian to email Greg ordinance language regarding adoption of map amendments.
 - iii. Greg to submit revised ordinance to State (FDEM) for their review
 - iv. The ordinance will have to have 2 readings at council for adoption.
 - b. The annual presentation by the Building Official to the Building industry should be postponed until the ordinance is adopted by City Council.
 - c. Kathleen's annual presentation to the Venice Area Board of realtors is scheduled for 4/20/2017
6. Gillian to set tentative dates for 2016-2017 meetings, then email to committee members. Suggested, 1st Tuesday, quarterly.

Tentative Meeting Schedule 2016-2017			
Mtg #	Date	Time	Purpose
1	12/6/2016	8.30am – 9.30am	Regularly scheduled quarterly meeting
2	3/7/2017	8.30am – 9.30am	Regularly scheduled quarterly meeting
3	6/6/2017	8.30am – 9.30am	Regularly scheduled quarterly meeting
4	8/1/2017	8.30am – 9.30am	Annual FMP report. Sunshine Law Training.

NOTICE OF MEETING

The City of Venice Community Rating System (CRS) Committee shall meet on December 6, 2016, beginning at 8.30am until approximately 9.30am. The meeting will take place in The Development Service Conference Room, City Hall, 401 W. Venice Avenue, Venice, Fl 34285. The purpose of this meeting is to implement, evaluate and revise the Floodplain Management Plan.

The public is invited to attend this meeting and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

December 6th, 2016
Meeting # 1, 2016-2017

AGENDA

- Minutes from Meeting #4, September 20th, 2016
Motioned: _____ Seconded: _____
Approved _____ Approved with comments _____

- Annual report and FMP update
 - Approved by council, 9/27/2016.
- CRS Review
- 50% rule / Substantial Improvement Substantial Damage (SISD)

Meeting Schedule 2016-2017			
Mtg #	Date	Time	Purpose
1	Dec 6, 2016	8.30am – 9.30am	Regularly scheduled meeting
2	March 7, 2017	8.30am – 9.30am	Regularly scheduled meeting
3	June 6, 2017	8.30am – 9.30am	Regularly scheduled meeting
4	August 1, 2017	8.30am – 9.30am	Regularly scheduled meeting

December 6th, 2016
Meeting # 1, 2016-2017

8:35am

AGENDA

- Minutes from Meeting #4, September 20th, 2016
 Motioned: Robert Seconded: Renee
 Approved X Approved with comments _____

- Annual report and FMP update
 - o Approved by council, 9/27/2016. *Freeboard*
- CRS Review
- 50% rule / Substantial Improvement Substantial Damage (SISD) *Working with State*

*Correspondence with Steve Martin
Frank waiting to hear back from Frank.*

Meeting Schedule 2016-2017			
Mtg #	Date	Time	Purpose
1	Dec 6, 2016	8.30am - 9.30am	Regularly scheduled meeting
2	March 7, 2017	8.30am - 9.30am	Regularly scheduled meeting
3	June 6, 2017	8.30am - 9.30am	Regularly scheduled meeting
4	August 1, 2017	8.30am - 9.30am	Regularly scheduled meeting

July 25th alternate date

Motion: Renee mark - to remove ^{by Steve Martin, Dec} exceptions 3-6 of found to be inconsistent with FEMA regulations.
 No opposition passes

for outreach + flood preparedness + response.
 - Message boards on I US 41 = Flood response plan.
 Crawl on SNV

Flood zones
 County has D zones. check where. → John Myers
 Realtors - mandated to disclose flood zones.

December 6th, 2016
Meeting # 1, 2016-17

MINUTES

Present: Kathleen Weeden, Robert Yoho, Mark Hampshire, Scott Pickett, Renee Halback, Greg Schneider, John Meyers and non-committee members Gillian Carney and Kirsten Pedersen (Sarasota County)

By Phone: -

Absent: Mark Hawkins (emailed that he had conflicting appointment)

Kathleen Weeden called the meeting to order at 8.35am.

Meeting ended at 9.30am

1. Minutes from Meeting #4, September 20th, 2016
Motioned: Renee Halback Seconded: Robert Yoho
Approved X Approved with comments _____
2. The annual Floodplain Management Plan report and plan update were approved by City Council on 9/27/2016.
3. CRS Review is ongoing.
 - a. Changes to the CRS PPI
 - i. Simple changes that can be made without seeking committee approval (ie additional comments in flood zone determinations) are being made as Gillian works through the audit result. Any proposed major changes will be brought before the committee.
 - ii. Some elements cannot be improved because of Ordinance constraints (ie Freeboard).
 - iii. Committee agreed to add a section in the FMP/PPI/CIP for Flood Preparedness and Response Plans and co-ordinate / reference the CEMP.
 1. Scott We should make sure we are using the message boards on US41 for our Flood Response Plan.
 2. Kirsten suggested we should make sure we are using the 'crawl' on SNN (Chanel 6 – Six News Now) for our Flood Response Plan.
4. 50% Rule:
 - a. Frank and Greg are working with Steve Martin of the Florida Dept. of Emergency Mgmt. (FDEM) on the regulatory language.
 - b. Discussion to remove exceptions 3-6 in the draft
 - i. **Motion** to remove exceptions 3-6 if found, by Steve Martin, to be inconsistent with FEMA regulations.
Motion Proposed by Renee Halback
Motion Seconded by Mark Hampshire
Motion passed with no opposition
5. Change the date of CRS Mtg #4, 2016-17, from August 1st to July 25th.

Tentative Meeting Schedule 2016-2017			
Mtg #	Date	Time	Purpose
1	12/6/2016	8.30am – 9.30am	Regularly scheduled quarterly meeting
2	3/7/2017	8.30am – 9.30am	Regularly scheduled quarterly meeting
3	6/6/2017	8.30am – 9.30am	Regularly scheduled quarterly meeting
4	7/25/2017	8.30am – 9.30am	Annual FMP report. (Sunshine Law Training?)

NOTICE OF MEETING

The City of Venice Community Rating System (CRS) Committee shall meet on March 7th, 2017, beginning at 8.30am until approximately 9.30am. The meeting will take place in The Development Service Conference Room, City Hall, 401 W. Venice Avenue, Venice, FL 34285. The purpose of this meeting is to implement, evaluate and revise the Floodplain Management Plan.

The public is invited to attend this meeting and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

March 7th, 2017
Meeting # 2, 2016-2017

AGENDA

- Minutes from Meeting #1, December 6th, 2016
Motioned: _____ Seconded: _____
Approved _____ Approved with comments _____

- CRS Review
- Impact of HB 901 & SB 7000
- 50% rule / Substantial Improvement Substantial Damage (SISD)
- Other business:

Meeting Schedule 2016-2017			
Mtg #	Date	Time	Purpose
1	Dec 6, 2016	8.30am – 9.30am	Regularly scheduled meeting
2	March 7, 2017	8.30am – 9.30am	Regularly scheduled meeting
3	June 6, 2017	8.30am – 9.30am	Regularly scheduled meeting
4	July 25, 2017	8.30am – 9.30am	Regularly scheduled meeting

Attachments:

1. Draft Minutes – December 6th, 2016
2. CRS 2014 Audit review & Potential Changes
3. ODR
4. FAA
5. Impact of HB 901 and SB 7000
6. SISD – 1 year rewrite

December 6th, 2016
Meeting # 1, 2016-17

MINUTES

Present: Kathleen Weeden, Robert Yoho, Mark Hampshire, Scott Pickett, Renee Halback, Greg Schneider, and non-committee members Gillian Carney and Kirsten Pedersen (Sarasota County)

By Phone: -

Absent: Mark Hawkins (emailed that he had conflicting appointment)

Kathleen Weeden called the meeting to order at 8.35am.
Meeting ended at 9.30am

1. Minutes from Meeting #4, September 20th, 2016
Motioned: Renee Halback Seconded: Robert Yoho
Approved X Approved with comments _____
2. The annual Floodplain Management Plan report and plan update were approved by City Council on 9/27/2016.
3. CRS Review is ongoing.
 - a. Changes to the CRS PPI
 - i. Simple changes that can be made without seeking committee approval (ie additional comments in flood zone determinations) are being made as Gillian works through the audit result. Any proposed major changes will be brought before the committee.
 - ii. Some elements cannot be improved because of Ordinance constraints (ie Freeboard).
 - iii. Committee agreed to add a section in the FMP/PPI/CIP for Flood Preparedness and Response Plans and co-ordinate / reference the CEMP.
 1. Scott We should make sure we are using the message boards on US41 for our Flood Response Plan.
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4. 50% Rule:
 - a. Frank and Greg are working with Steve Martin of the Florida Dept. of Emergency Mgmt. (FDEM) on the regulatory language.
 - b. Discussion to remove exceptions 3-6 in the draft
 - i. **Motion** to remove exceptions 3-6 if found, by Steve Martin, to be inconsistent with FEMA regulations.
Motion Proposed by Renee Halback
Motion Seconded by Mark Hampshire
Motion passed with no opposition
5. Change the date of CRS Mtg #4, 2016-17, from August 1st to July 25th.

Tentative Meeting Schedule 2016-2017			
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3	6/6/2017	8.30am – 9.30am	Regularly scheduled quarterly meeting
4	7/25/2017	8.30am – 9.30am	Annual FMP report. (Sunshine Law Training?)

September 20th,
2016 Meeting # 3,
2015-2016

MINUTES

Present: Kathleen Weeden, Mark Hawkins, Robert Yoho, Mark Hampshire, Scott Pickett, Renee Halback, Greg Schneider, and non-committee members Gillian Carney, Frank O'Neill, Lori Stelzer and Kelly Fernandez.

By Phone: -

Absent: John Meyers

Kathleen Weeden called the meeting to order at 8.45am

1. Minutes from Meeting #3, July 19th, 2016
Motioned: Mark Hawkins Seconded: Renee Halback
Approved X Approved with comments _____
2. Lori Stelzer and Kelly Fernandez conducted the annual Sunshine Training required for committee members.
3. The annual flood plain management plan report, and plan update is on the Council agenda for September 27th.
 - a. Gillian to email report and updated plan to all committee members
4. CRS Review is ongoing. Gillian will have a full report at December meeting.
 - a. Changes to the CRS PPI
 - i. Added the Mayor's name and target group to utility mailing
 - ii. "Poop Fairy" stickers and signs will be posted at parks, veterinary clinics and HOA's
5. 50% Rule:
 - a. Committee reviewed 1 year and 5-year ordinance changes.
 - i. Mark Hawkins motioned to accept 1-year version, motion seconded by Robert Yoho. Kathleen called for a vote. Motion passed unanimously.
 - ii. Gillian to email Greg ordinance language regarding adoption of map amendments.
 - iii. Greg to submit revised ordinance to State (FDEM) for their review
 - iv. The ordinance will have to have 2 readings at council for adoption.
 - b. The annual presentation by the Building Official to the Building industry should be postponed until the ordinance is adopted by City Council.
 - c. Kathleen's annual presentation to the Venice Area Board of realtors is scheduled for 4/20/2017
6. Gillian to set tentative dates for 2016-2017 meetings, then email to committee members. Suggested, 1st Tuesday, quarterly.

Tentative Meeting Schedule 2016-2017			
Mtg #	Date	Time	Purpose
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2	3/7/2017	8.30am – 9.30am	Regularly scheduled quarterly meeting
3	6/6/2017	8.30am – 9.30am	Regularly scheduled quarterly meeting
4	8/1/2017	8.30am – 9.30am	Annual FMP report. Sunshine Law Training.

AN ORDINANCE AMENDING THE CODE OF ORDINANCES OF THE CITY OF VENICE, CHAPTER 98, FLOODS; CERTAIN SECTIONS OF 98-32, 98-33, 98-40, 98-48 and 98-49; TO ADOPT FLOOD HAZARD MAPS, TO ADOPT SUBSTANTIAL IMPROVEMENT DEFINITION AND FOR OTHER PURPOSES; TO ADOPT LOCAL ADMINISTRATIVE AND TECHNICAL AMENDMENTS TO THE FLORIDA BUILDING CODE; PROVIDING FOR REPEAL OF ALL ORDINANCES IN CONFLICT HERewith; PROVIDING FOR SEVERABILITY AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the legislature of the state of Florida has, in F.S. ~~ch.~~Ch. 166, conferred upon local governments the authority to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Federal Emergency Management Agency has identified special flood hazard areas within the boundaries of the City of Venice and such areas may be subject to periodic inundation which may result in loss of life and property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief, and impairment of the tax base, all of which adversely affect the public health, safety and general welfare; and

WHEREAS, the City of Venice was accepted for participation in the National Flood Insurance Program on July 30, 1971 and city council desires to continue to meet the requirements of Title 44 Code of Federal Regulations, sections 59 and 60, necessary for such participation; and

WHEREAS, F.S. ~~ch.~~Ch. 553, was adopted by the Florida legislature to provide a mechanism for the uniform adoption, updating, amendment, interpretation and enforcement of a state building code, called the Florida Building Code; and

WHEREAS, F.S. § 553.73(5), allows adoption of local administrative amendments to the Florida Building Code to implement the National Flood Insurance Program; and

WHEREAS, city council has determined that it is in the public interest to adopt the proposed floodplain management regulations that are coordinated with the Florida Building Code; and

WHEREAS, city council adopted a requirement to require accumulation of costs of improvements and repairs of buildings, based on issued building permits and, for buildings and structures in flood hazard areas prior to July 1, 2010 and, pursuant to F.S. § 553.73(5), is formatting that requirement to coordinate with the Florida Building Code; and

WHEREAS, the city council is adopting a requirement to require declarations of land restriction (nonconversion agreements) for enclosures below elevated buildings and dwellings for buildings and structures in flood hazard areas for the

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purpose of participating in the National Flood Insurance Program's Community Rating System and, pursuant to section 553.73(5), F.S., is formatting that requirement to coordinate with the Florida Building Code;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF VENICE, FLORIDA, as follows:

SECTION 1. The whereas clauses above are ratified and confirmed as true and correct.

SECTION 2. Chapter 98, Floods, ~~is Sections 98-32, 98-33, 98-40, 98-48 and 98-49~~ are hereby ~~deleted in its entirety~~ amended and replaced with the following:

Sec. 98-32. Applicability.

(1) Basis for establishing flood hazard areas. The Flood Insurance Study for Sarasota County, Florida and Incorporated Areas dated November 4, 2016, and all subsequent amendments and revisions, and the accompanying Flood Insurance Rate Maps (FIRM), and all subsequent amendments and revisions to such maps, are adopted as part of this ordinance and shall serve as the minimum basis for establishing flood hazard areas. The Flood Insurance Study for Sarasota County, Florida, Unincorporated Areas dated September 3, 1992 and the Flood Insurance Study Supplement — Wave Height Analysis for the City of Venice, Florida, Sarasota County, dated July 18, 1983 and all subsequent amendments and revisions, and the accompanying Flood Insurance Rate Maps (FIRM), including panels No. 1251440245D dated May 1, 1984, No. 1251440275D dated May 1, 1984, No. 1251440327E dated September 3, 1992, No. 1251440329D dated May 1, 1984, No. 1251440331E dated September 3, 1992, No. 1251540005D dated May 18, 1992, No. 1251440333E dated September 3, 1992 and No. 1251440332E dated September 3, 1992 and all subsequent amendments and revisions to such maps, are adopted by reference as a part of this article and shall serve as the minimum basis for establishing flood hazard areas. The Master Basin Plans for Hatchett and Curry Creeks, Island of Venice, Cow Pen Slough, and Myakka River prepared by Sarasota County and completed in 2002, 2003 and 2004, including any updates, substantial amendments and revisions thereto, are hereby adopted by reference and shall be evaluated to determine base flood elevations. In all cases, the highest conservative base flood elevation determined from the FIRM and Flood Insurance Study Supplement and master basin plans shall be used. Studies and maps that establish flood hazard areas are on file at the office of the city clerk, 401 West Venice Avenue, Venice, Florida.

Sec. 98-33. Duties and powers of the floodplain administrator

(2) Applications and permits,

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9. For projects proposing to enclose areas under elevated buildings, a signed Declaration of Land Restriction (Nonconversion Agreement); the agreement shall be recorded on the property deed prior to issuance of the Certificate of Occupancy.

(1)

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Sec. 98-40. Definitions.

Declaration of Land Restriction (Nonconversion Agreement) A form provided by the Floodplain Administer to be signed by the owner and recorded on the property deed in Official Records of the Clerk of Courts, for the owner to agree not to convert or modify in any manner that is inconsistent with the terms of the building permit and these regulations, enclosures below elevated buildings and dwellings.

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Substantial improvement means any combination of repair, reconstruction, rehabilitation, addition or improvement of a building or structure taking place during a ~~ten~~ one year period, the cumulative cost of which equals or exceed 50 percent of the market value of the structure before the improvement or repair is started. For each building or structure, the ~~ten~~ one year period begins on the date of the first improvement or repair of that building or structure subsequent to July 11, 1972. If the structure has sustained substantial damage, any repairs are considered substantial improvement regardless of the actual repair work performed. The term does not, however, include either:

1. Any project for improvement of a building required to correct existing health, sanitary or safety code violations identified by the building official and that are the minimum necessary to assure safe living conditions.
2. Any alteration of a historic structure provided that the alteration will not preclude the structure's continued designation as a historic structure.

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Florida Building Code, Building.

Division 5. Technical Amendments to the Florida Building Code, Building, Existing Building and Residential.

The following amendments to the Florida Building Code are hereby adopted:

Sec. 98-48. Florida Building Code, Building

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Modify Sec. 107.3.5 as follows:

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107.3.5 Minimum plan review criteria for buildings.

Commercial Buildings:

Buildings:

8. Structural requirements shall include:

Flood requirements in accordance with Section 1612, including lowest floor elevations, enclosures, declaration of land restriction (nonconversion agreement), flood damage resistant materials.

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Residential (one and two family):

6. Structural requirements shall include:

Flood hazard areas, flood zones, design flood elevations, lowest floor elevations, enclosures, declaration of land restriction (nonconversion agreement), equipment, and flood damage resistant materials.

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Sec. 98-49. Florida Building Code, Building.

Section 1612, subsection 1612.2, Florida Building Code, Building.

Modify a definition as follows:

Substantial improvement. Any combination of repair, reconstruction, rehabilitation, addition or improvement of a building or structure taking place during a ~~ten~~ one year period, the cumulative cost of which equals or exceeds 50 percent of the market value of the structure before the improvement or repair is started. For each building or structure, the ~~ten~~ one year period begins on the date of the first improvement or repair of that building or structure subsequent to July 11, 1972. If the structure has sustained substantial damage, any repairs are considered substantial improvement regardless of the actual repair work performed. The term does not, however, include either:

1. Any project for improvement of a building required to correct existing health, sanitary or safety code violations identified by the building official and that are the minimum necessary to assure safe living conditions.
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Sec. 98-50. Florida Building Code, Existing Building.

Section 202, Florida Building Code, Existing Building.

Modify a definition as follows:

Substantial improvement. Any combination of repair, reconstruction, rehabilitation, addition or improvement of a building or structure taking place during a ~~ten-one~~ year period, the cumulative cost of which equals or exceeds 50 percent of the market value of the structure before the improvement or repair is started. For each building or structure, the ~~ten-one~~ year period begins on the date of the first improvement or repair of that building or structure subsequent to July 11, 1972. If the structure has sustained substantial damage, any repairs are considered substantial improvement regardless of the actual repair work performed. The term does not, however, include either:

1. Any project for improvement of a building required to correct existing health, sanitary or safety code violations identified by the building official and that are the minimum necessary to assure safe living conditions.
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SECTION 3. Fiscal impact statement.

In terms of design, plan application review, construction and inspection of buildings and structures, the cost impact as an overall average is negligible in regard to the local technical amendments because all development has been subject to the requirements of the local floodplain management article adopted for participation in the National Flood Insurance Program. In terms of lower potential for flood damage, there will be continued savings and benefits to consumers.

SECTION 4. To the extent of any conflict between the provisions of this ordinance, and any other ordinance, resolution, or agreement of the city, the provisions of this ordinance shall prevail.

SECTION 5. Severability. If for any reason a provision of this ordinance or the application thereof to any person, group or persons, or circumstances are held invalid, the invalidity shall not affect other provisions or applications of the ordinance which can be given effect without the invalid provision or application, and to this end the provisions of the ordinance are severable.

SECTION 6. Effective date. This ordinance shall take effect immediately upon its adoption, as required by law.

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SECTION 3. Fiscal impact statement.

In terms of design, plan application review, construction and inspection of buildings and structures, the cost impact as an overall average is negligible in regard to the local technical amendments because all development has been subject to the requirements of the local floodplain management article adopted for participation in the National Flood Insurance Program. In terms of lower potential for flood damage, there will be continued savings and benefits to consumers.

SECTION 4. To the extent of any conflict between the provisions of this ordinance, and any other ordinance, resolution, or agreement of the city, the provisions of this ordinance shall prevail.

SECTION 5. Severability. If for any reason a provision of this ordinance or the application thereof to any person, group or persons, or circumstances are held invalid, the invalidity shall not affect other provisions or applications of the ordinance which can be given effect without the invalid provision or application, and to this end the provisions of the ordinance are severable.

SECTION 6. Effective date. This ordinance shall take effect immediately upon its adoption, as required by law.

CRS
2014 Audit Review Potential Changes

Series	Activity	Element	Description	Acronym	Max Score	2014 Score	Can Score	2014 Rating	Potential Changes to COV Program	Review 2017 Manual Changes
310	Elevation Certificates	312.a	Elevation Certificates after CRS application	EC	38	38	38	A		X
310	Elevation Certificates	312.b	Elevation Certificates on post-FIRM buildings (built between 7-31-1971 and 12-15-1990)	rECPO	48	0	0	D	7373 structures built between 1971-1990. 660 structures in new SFHA. 6 have Ecs ==> rECPO =0.001. Cannot increase score	X
310	Elevation Certificates	312.c	Elevation certificates on pre-FIRM buildings (Built before 12/31/1974)	rECPR	30	0	0	D	4793 structures built before 1970. 737 in new SFHA. 26 have Ecs. ==> rECPR = 0.04. Cannot increase score	X
320	Map Information Services	322.a	Providing insurance information from FIRM	MI1	30	30	30	A		
320	Map Information Services	322.b	LIMWA/Floodway info/CBRS area	MI2	20	0	20	D	Add to GIS & flood zone determination.	
320	Map Information Services	322.c	Other flood problems not shown on the FIRM	MI3	20	0	20	D	Add to GIS & flood zone determination.	X
320	Map Information Services	322.d	Flood depth data	MI4	20	0	20	D	Add to GIS & flood zone determination.	
320	Map Information Services	322.e	Special flood-related hazards	MI5	20	0	20	D	Add to GIS & flood zone determination.	
320	Map Information Services	322.f	Historical / repetitive flood information	MI6	20	20	20	A		
320	Map Information Services	322.g	Natural floodplain functions	MI7	20	0	20	D	Add to GIS & flood zone determination.	
330	Outreach projects	332.a	Outreach project	OP	200	102	200	B	Has been scored at 200 (not counted in 2014 audit.) Add Flood Response Plan. Edit flyers to reflect FMP. Edit FMP to reflect new flyers.	X
330	Outreach projects	332.b	Flood response preparations	FRP	50	0	50	D	Take info from FEMA F-684. Add to FMP and City website.	
330	Outreach projects	332.c	Program for Public Information bonus	PPI	80	0	80	D	Has been scored at 80 (not counted in 2014 audit)	X
330	Outreach projects	332.d	Stakeholder bonus	STK	50	0	50	D	Has been scored at 50 (not counted in 2014 audit)	
340	Hazard Disclosure	342.a	Real estate agent disclosure of SFHA	DFH	35	0	35	D	Emailed Kari Battaglia (VABR)2/22/2017, requesting documentation on the items in DFH. If no documentation, set up meeting - or discuss at April presentation.	
340	Hazard Disclosure	342.b	Other disclosure requirements	ODR	25	10		C	Discuss with CRS committee.	
340	Hazard Disclosure	342.c	Real estate brochure	REB	12	8	12	B	The Flood Hazard Brochure (PPI#12) needs to be covered in the PPI.	
340	Hazard Disclosure	342.d	Disclosure of other hazards	DOH	8	0	8	D	Add to GIS & flood zone determination.	
350	Flood Protection	352.a	Library	LIB	10	10	10	A		
350	Flood Protection	352.b	Locally pertinent documents in the library	LPD	10	6	10	B	SRQ rcvd 10 points. Finding out which docs for which they received credit. Determine others we can use.	
350	Flood Protection	352.c	Website	WEB	105	46	105	C	Web 1=26/60, WEB 2=0/15, WEB 3=0/10, WEB 4=20/20. 2017 Manual - ECs no longer credited for being on City website. WEB1+WEB2=WEB1, WEB3 now WEB2, WEB4 now WEB3 (???)	X
360	Flood Protection Assistance	362.a	Property protection advice	PPA	40	25	40	B	Include the assistance program in the PPI	

CRS
2014 Audit Review Potential Changes

Series	Activity	Element	Description	Acronym	Max Score	2014 Score	Can Score	2014 Rating	Potential Changes to COV Program	Review 2017 Manual Changes
360	Flood Protection Assistance	362.b	Advice after a site visit	PPV	45	30	45	B	Include site visit procedures in PPI	
360	Flood Protection Assistance	362.c	Financial assistance advice	FAA	15	0	15	D	Research financial programs available. List Financial Assistance Advisory Service as part of the PPI	
360	Flood Protection Assistance	362.d	Training	TNG	10	3	10	C	4 pnts for graduation from EMI E279, or L279. 1 pnt, graduation from IS-279. 4 Pnts for graduation from E212 or L212, 1 pnt for graduation from IS-212 or IS-30.	
370	Flood Insurance Promotion	372.a	Flood insurance assessment	FIA	15	0		D		X
370	Flood Insurance Promotion	372.b	Coverage plan	CP	15	0	15	D	Has been scored at 15 (not counted in 2014 audit)	X
370	Flood Insurance Promotion	372.c	Plan implementation	CPI	60	0	60	D	Has been scored at 60 (not counted in 2014 audit)	X
370	Flood Insurance Promotion	372.d	Technical assistance	TA	20	0		D		X
410	Floodplain Mapping	412.a	New study	NS	350	0		D		X
410	Floodplain Mapping	412.b	Leverage	LEV	0	0		D		X
410	Floodplain Mapping	412.c	State review	SR	60	0		D		X
410	Floodplain Mapping	412.d	Higher study standards	HSS	200	0		D		X
410	Floodplain Mapping	412.e	Floodway standard	FWS	140	0		D		X
410	Floodplain Mapping	412.f	Special hazards mapping	MAPSH	100	0		D		X
420	Open Space Preservation	422.a	Preserved open space	OSP	1450	354		D		X
420	Open Space Preservation	422.b	Deed restriction	DR	50	0		D		X
420	Open Space Preservation	422.c	National functions open space	NFOS	350	0		D		X
420	Open Space Preservation	422.d	Special hazards open space	SHOS	150	0		D		X
420	Open Space Preservation	422.e	Coastal erosion open space	CEOS	750			D		X
420	Open Space Preservation	422.f	Open space incentives	OSI	250	11		D		X
420	Open Space Preservation	422.g	Low density zoning	LZ	600	0		D		X
420	Open Space Preservation	422.h	Natural shoreline protection	NSP	120	0		D		X
430	Higher Regulatory Standards	432.a	Development limitations	DL	1330	70		D		X

CRS
2014 Audit Review Potential Changes

Series	Activity	Element	Description	Acronym	Max Score	2014 Score	Can Score	2014 Rating	Potential Changes to COV Program	Review 2017 Manual Changes
430	Higher Regulatory Standards	432.b	Freeboard	FRB	500	0		D		X
430	Higher Regulatory Standards	432.c	Foundation protection	FDN	80	0		D		X
430	Higher Regulatory Standards	432.d	Cumulative substantial improvements	CSI	90	43		C		X
430	Higher Regulatory Standards	432.e	Lower substantial improvements	LSI	20	0		D		X
430	Higher Regulatory Standards	432.f	Protection of critical facilities	PCF	80	0		D		X
430	Higher Regulatory Standards	432.g	Enclosure limits	ENL	240	0		D		X
430	Higher Regulatory Standards	432.h	Building code	BC	100	72		B		X
430	Higher Regulatory Standards	432.i	Local drainage protection	LDP	120	53		C		X
430	Higher Regulatory Standards	432.j	Manufactured home park	MHP	15	0		D		X
430	Higher Regulatory Standards	432.k	Coastal A zone regulations	CAZ	500	0		D		X
430	Higher Regulatory Standards	432.l	Special hazards regulations	SHR	100	0		D		X
430	Higher Regulatory Standards	432.m	Tsunami hazard regulations	TSR	50			D		X
430	Higher Regulatory Standards	432.n	Coastal erosion regulations	CER	370			D		X
430	Higher Regulatory Standards	432.o	Other higher standards	OHS	100	0		D		X
430	Higher Regulatory Standards	432.p	State-mandated standards	SMS	20	18		A		X
430	Higher Regulatory Standards	432.q	Regulations administration	RA	67	21		C		X
440	Flood Data Maintenance	442.a	Additional map data	AMD	160	70		C		
440	Flood Data Maintenance	442.b	FIRM maintenance	FM	15	8		B		
440	Flood Data Maintenance	442.c	Benchmark maintenance	BMM	27	0		D		
440	Flood Data Maintenance	442.d	Erosion data maintenance	EDM	20	0		D		
450	Stormwater management	452.a	Stormwater management regulations	SMR	380	123		C		X
450	Stormwater management	452.b	Watershed master plan	WMP	315	0		D		X

CRS
2014 Audit Review Potential Changes

Series	Activity	Element	Description	Acronym	Max Score	2014 Score	Can Score	2014 Rating	Potential Changes to COV Program	Review 2017 Manual Changes
450	Stormwater management	452.c	Erosion and sedimentation control	ESC	40	11		C		
450	Stormwater management	452.d	Water quality regulations	WQ	20	21		A		X
501	Repetitive Loss	RL	Venice has 16 RL ==> Cat B	RL	0	0	0	D	Double check new category: A=0, B<49, C>50. Venice has 16 RL ==> Cat B	X
510	Floodplain Management Planning	512.a	Floodplain management planning	FPM	382	290		A		X
510	Floodplain Management Planning	512.b	Repetitive loss area analysis	RLAA	140	0		D		X
510	Floodplain Management Planning	512.c	Natural floodplain functions plan	NFP	100	0		D		X
520	Acquisition and Relocation of Buildings	522.a	Buildings acquired or relocated from the regulatory floodplain	bAR		0		D		
520	Acquisition and Relocation of Buildings	522.b	Buildings on the RL list that have been acquired or relocated	bRL		0		D		
520	Acquisition and Relocation of Buildings	522.c	Severe RL properties that have been acquired or relocated	bSRL		0		D		
520	Acquisition and Relocation of Buildings	522.d	Critical facilities that have been acquired or relocated	bCF		0		D		
520	Acquisition and Relocation of Buildings	522.e	Buildings located in the V zone or Coastal A zone that have been acquired or relocated	bVZ		0		D		
530	Flood Protection	532.a	Retrofitted buildings	PB(R)	1600	67		D		X
530	Flood Protection	532.b	Structural flood control and drainage projects	PB(S)	1000	0		D		X
540	Drainage System Maintenance	542.a	Channel debris removal	CDR	200	180		A		X
540	Drainage System Maintenance	542.b	Problem site maintenance	PSM	50	0		D		X
540	Drainage System Maintenance	542.c	Capital Improvements Program	CIP	70	0	70	D	Has been scored - not counted in 2014 audit	X
540	Drainage System Maintenance	542.d	Stream dumping regulations	SDR	30	0		D		X
540	Drainage System Maintenance	542.e	Storage basin maintenance	SBM	120	0		D		X
610	Flood Warning & Response	612.a	Flood threat recognition system	FTR	75	75	75	A		X
610	Flood Warning & Response	612.b	Emergency warning dissemination	EWD	75	75	75	A		X
610	Flood Warning & Response	612.c	Flood response operations plan	FRO	115	105	115	A	Add Special Needs database and Plan into CEMP, and reference in FMP.	X
610	Flood Warning & Response	612.d	Critical facilities planning	CFP	75	70	75	A	Review the flood warning and response plans for each critical facility	

CRS
2014 Audit Review Potential Changes

Series	Activity	Element	Description	Acronym	Max Score	2014 Score	Can Score	2014 Rating	Potential Changes to COV Program	Review 2017 Manual Changes
610	Flood Warning & Response	612.e	Storm ready community	SRC	25	0	0	D	Is this something we want to pursue?	
610	Flood Warning & Response	612.f	Tsunami ready community	TRC	30	0	0	D	No apparent need for us to become a Tsunami ready community	
620	Levees (not applicable for Venice)	622.a		LM	95	0	0	D	Not applicable to Venice	
620	Levees (not applicable for Venice)	622.b		LFR	30	0	0	D	Not applicable to Venice	
620	Levees (not applicable for Venice)	622.c		LFW	50	0	0	D	Not applicable to Venice	
620	Levees (not applicable for Venice)	622.d		LFO	30	0	0	D	Not applicable to Venice	
620	Levees (not applicable for Venice)	622.e		LCF	30	0	0	D	Not applicable to Venice	
630	Dams	632.a	State dam safety program	SDS	45	15	15	C	Review why only 15 points	
630	Dams	632.b	Dam failure threat recognition	DFR	30	0	30	D	Add to Flood Response Program (and put in FMP?). Make sure it is covered in CEMP	
630	Dams	632.c	Dam failure warning	DFW	35	0	35	D	Add to Flood Response Program (and put in FMP). Add to CodeRED. Make sure it is covered in CEMP	
630	Dams	632.d	Dam failure response operations	DFO	30	0	30	D	Add to Flood Response Program (and put in FMP?). Make sure it is covered in CEMP	
630	Dams	632.e	Dam failure critical facilities	DCF	20	0	20	D	Add to Flood Response Program (and put in FMP?). Make sure it is covered in CEMP	
TOTALS					14617	2080	1473			

Credit Criteria for ODR

25 points max : 5 points per requirement

Credit can be requested for up to five state or local laws or ordinances that require disclosure of a property's exposure to flooding, including but not limited to

- (1) Requiring all sellers to disclose the flood hazard in those cases where a real estate agent is not involved.
- (2) Requiring real estate agents and sellers to advise potential purchasers whether "to the best of their knowledge and belief" the property has ever been flooded.
- (3) Requiring landlords to advise potential renters about the flood hazard.
- (4) Requiring final recorded subdivision plats to display the flood hazard area (see Figure 340-1).
- (5) Requiring that the flood hazard area be shown on individual lot surveys prepared for deed records, property transactions, or mortgages.
- (6) Requiring titles or deed records to show zoning or building permit conditions related to floodplain or drainage regulations, such as a notice about the substantial improvement or substantial damage requirement for floodplain properties.
- (7) Requiring signs posted in subdivisions to advise visitors of the flood hazard.
- (8) Requiring that deeds show the lot or building elevation in relation to sea level and the base or historical flood elevation.
- (9) Requiring all sellers to disclose whether the property is subject to a special flood-related hazard.

This list is not meant to be all-inclusive.

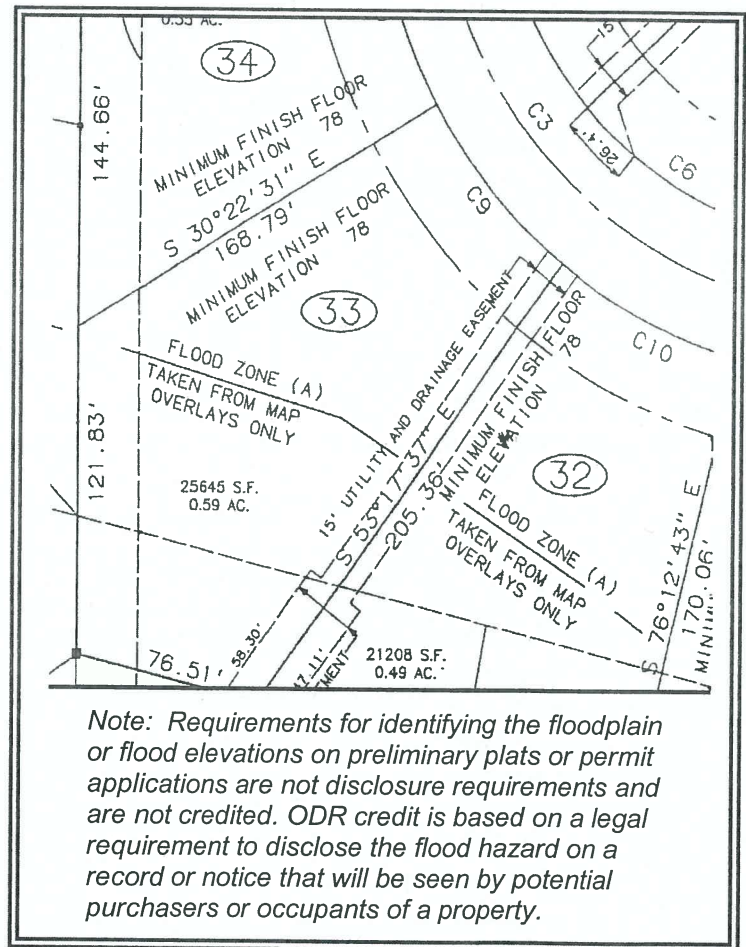


Figure 340-1. An example of hazard disclosure on a final subdivision plat.

Credit Criteria for FAA

- (1) The community must identify at least one person to provide the financial assistance advice. It need not be local staff if other agencies have agreed to answer inquiries.
- (2) The service must be publicized at least once a year. Although PPA credit is not a prerequisite, to receive credit for FAA the financial assistance advisory service must be publicized in the same manner described in PPA credit criterion (3). If the community provides PPA advice, then the publicity for FAA should be part of the PPA publicity.
- (3) Full credit is dependent upon providing information on all available sources of financial assistance. There must be a documented check of the sources of assistance listed in Figure 360-2 to determine which ones may be available and appropriate for the community. No credit is provided if the advice covers only flood insurance or Federal Emergency Management Agency (FEMA) mitigation grants. Saying that there is no assistance is not credited.

Financial Assistance for Property Protection Measures

Pre-flood Assistance

- Projects fully or partially funded by a local agency. For example, some metropolitan sewer agencies fund part or all of a project to stop sewer backup and some communities have their own rebate, financial assistance, or construction programs;
- FEMA mitigation grants;
- State or local programs, such as grants, loans, and rebates;
- Housing improvement assistance programs;
- The U.S. Department of Agriculture's rural development grants and loans for mitigation;
- The potential to reduce flood insurance premiums for certain mitigation projects (e.g., elevating the building above the base flood elevation); and
- Exempting the improvements from property tax increases.

Post-flood Assistance

- Flood insurance;
- Flood insurance's Increased Cost of Compliance benefit for substantially damaged structures;
- FEMA's Hazard Mitigation Grant Program; and
- The U.S. Small Business Administration's post-flood mitigation loans.

See www.CRSresources.org/300 for more information on these financial assistance programs.

Figure 360-2. A selection of potential sources of financial assistance for property protection.

Impact of HB901 & SB 7000

HB #901

SB #7000

CRS Element: 432h (BC)

BC = BC1 + BC2

BC1 = 50 potential points → Scored 48/50 in 2014

BC2 = 50 potential points → Scored 20/50 in 2014

City of Venice, 2014 → 68/100 points

Florida Building Code		
Current	5 th Edition	2012 I-Codes
Next version (12/31/2017)	6 th Edition	2015 I-Codes

BCEGS

Rated on Personal (Residential) & Commercial → Venice, 2016 score is 4 residential/3 Commercial →4/3

Scored as 4/4

BC1

	Points	Criteria: Adoption & Enforcement of International...	Earned
a	20	Building Code or equiv.	20
b	20	Residential Code or equiv.	20
c	3	Plumbing Code or equiv.	3
d	3	Mechanical Code or equiv.	3
e	2	Fuel Gas Code or equiv.	2
f	2	Private Sewage Disposal Code or equiv.	0
Total Earned			48

BC2

Points	Classification	Total earned
10	5/5	
20	4/4	20
30	3/3	
40	2/2	
50	1/1	

Impact of HB 901 & SB 7000		
2021 Audit	No impact, I-codes = 6 years old	20% Discount in NFIP Premiums
2026 Audit	Drop to Class 7, I-codes ≥6 years old	15% discount in NFIP premiums
*Although audits are approximately every 5 years, the City <i>may</i> be audited on an annual basis or whenever ISO deems necessary.		

The drop would be due to the CRS Class 6 requirement that adopted I-codes series be ≤ 6 years old.

CRS Retrograde Flood Insurance Premium Increase (Based on 2017 premiums) *From FFMA			
Current CRS class	Current CRS discount	Class 7 Discount	Flood Insurance Premium Increase
6	\$505,596.00	\$373,134.00	\$132,462.00

Insurance by Occupancy (as of 5/31/2015)					
Occupancy	Policies in force	\$ Premium	\$ Insurance in Force	Number of Closed Paid Losses	\$ of Closed Paid Losses
Single Family	1439	858,990.00	392,021,200.00	72	498,098.26
2-4 Family	311	227,728.00	44,653,600.00	24	60,470.17
All other Residential	2925	1,245,567.00	460,215,400.00	79	398,392.29
Non-Residential	159	34,041.00	69,121,200.00	24	136,635.13
Total	4834	\$2,673,326.00	\$966,011,400.00	199	\$1,093,595.00
Condo	3299	1,492,839.00	511,440,330.00	69	406,256.49
Non-Condo	1535	1,180,487.00	454,571,100.00	130	687,339.36
Total	4834	\$2,673,326.00	\$966,011,400.00	199	\$1,093,595.00

Another consequence of failing to incorporate these standards, defined in FEMA Policy FP-104-009-04, may be denial or de-obligation of FEMA funding for facilities that were built or repaired using Public Assistance funds, and may result in the denial or de-obligation of Public Assistance funded projects.

HB 901: Florida Building Commission

GENERAL BILL by McClain

Florida Building Commission; Requires commission to use specified editions of Florida Building Code as foundation for development of & updates to code; requires commission to review, rather than update, code every 3 years; deletes provision that specifies how long amendments or modifications to foundation remain effective; deletes provisions limiting how long amendment or modification is effective; deletes provision requiring certain amendments or modifications to be carried forward into next edition of code, subject to certain conditions; deletes certain requirements for resubmission of expired amendments; deletes provision prohibiting proposed amendment from being included in foundation if it has been addressed in international code; requires commission to adopt code & amendments thereto, by minimum percentage of votes.

Effective Date: 7/1/2017

Last Action: 3/1/2017 House - Referred to Careers and Competition Subcommittee; Commerce Committee

Location: In committee/council (CCS)

<https://www.flsenate.gov/Session/Bill/2017/00901>

SB 7000: Florida Building Commission

GENERAL BILL by Community Affairs ; (CO-INTRODUCERS) [Perry](#)

Florida Building Commission; Requiring the commission to use the 6th edition, and subsequent editions, of the Florida Building Code as the foundation for the development of and updates to the code; requiring the commission to review, rather than update, the Florida Building Code every 3 years; deleting a provision that specifies how long amendments or modifications to the foundation remain effective, etc.

Effective Date: 7/1/2017

Last Action: 2/9/2017 Senate - Referred to Appropriations Subcommittee on General Government; Appropriations

Location: In committee/council (AGG)

https://www.flsenate.gov/Session/Bill/2017/7000/BillText/_/PDF

March 7th, 2017
Meeting # 2, 2016-2017

AGENDA

- Minutes from Meeting #1, December 6th, 2016
Motioned: _____ Seconded: _____
Approved _____ Approved with comments _____
- CRS Review
- Impact of HB 901 & SB 7000
- 50% rule / Substantial Improvement Substantial Damage (SISD)
- Other business:

Meeting Schedule 2016-2017			
Mtg #	Date	Time	Purpose
1	Dec 6, 2016	8.30am – 9.30am	Regularly scheduled meeting
2	March 7, 2017	8.30am – 9.30am	Regularly scheduled meeting
3	June 6, 2017	8.30am – 9.30am	Regularly scheduled meeting
4	July 25, 2017	8.30am – 9.30am	Regularly scheduled meeting

Attachments:

1. Draft Minutes – December 6th, 2016
2. CRS 2014 Audit review & Potential Changes
3. ODR
4. FAA
5. Impact of HB 901 and SB 7000
6. SISD – 1 year rewrite

Name	Affiliation	Email	Phone
Mark Hawkins	Hawksinvest Const	Hawkinvest@MSN.com	941-650-1459
Mark Hampshire	Capital Bank	Mark.hampshire@Capitalbank-us.com	941-483-3830
Robert Yoho	The Danex Corporation	Ryoho@danexcorp.com	941-626-9971
Greg Schneider	CITY OF VENICE	G.SCHNEIDER@VENICE.GOV.COM	941-882-7374
Gillian Carney	City of Venice	gcarney@venicegov.com	941-882-7412
John Meyers	Coldwell Banker Realty	jameyers@ComBst, Net	574-274-4639
Scott Pickett	city of Venice	spickett@venicegov.com	882-7433
Frank O'Neill	" " "	FO'Neill@VeniceGov.Ca	882-7373
Elizabeth Wong	City of North Port	ewong@cityofnorthport.com	941-240-8324
Kathleen Wearden	CITY of Venice	Kwearden@venicegov.com	941-882-7409
Renee Halback	telephoned to say she would be unable to attend this meeting.		

December 6th, 2016
Meeting # 1, 2016-17

MINUTES

Present: Kathleen Weeden, Robert Yoho, Mark Hampshire, Scott Pickett, Renee Halback, Greg Schneider, John Meyers and non-committee members Gillian Carney and Kirsten Pedersen (Sarasota County)

By Phone: -

Absent: Mark Hawkins (emailed that he had conflicting appointment)

Kathleen Weeden called the meeting to order at 8.35am.

Meeting ended at 9.30am

1. Minutes from Meeting #4, September 20th, 2016
 Motioned: Renee Halback Seconded: Robert Yoho
 Approved X Approved with comments _____
2. The annual Floodplain Management Plan report and plan update were approved by City Council on 9/27/2016.
3. CRS Review is ongoing.
 - a. Changes to the CRS PPI
 - i. Simple changes that can be made without seeking committee approval (ie additional comments in flood zone determinations) are being made as Gillian works through the audit result. Any proposed major changes will be brought before the committee.
 - ii. Some elements cannot be improved because of Ordinance constraints (ie Freeboard).
 - iii. Committee agreed to add a section in the FMP/PPI/CIP for Flood Preparedness and Response Plans and co-ordinate / reference the CEMP.
 1. Scott We should make sure we are using the message boards on US41 for our Flood Response Plan.
 2. Kirsten suggested we should make sure we are using the ‘crawl’ on SNN (Chanel 6 – Six News Now) for our Flood Response Plan.
4. 50% Rule:
 - a. Frank and Greg are working with Steve Martin of the Florida Dept. of Emergency Mgmt. (FDEM) on the regulatory language.
 - b. Discussion to remove exceptions 3-6 in the draft
 - i. **Motion** to remove exceptions 3-6 if found, by Steve Martin, to be inconsistent with FEMA regulations.
Motion Proposed by Renee Halback
Motion Seconded by Mark Hampshire
Motion passed with no opposition
5. Change the date of CRS Mtg #4, 2016-17, from August 1st to July 25th.

Tentative Meeting Schedule 2016-2017			
Mtg #	Date	Time	Purpose
1	12/6/2016	8.30am – 9.30am	Regularly scheduled quarterly meeting
2	3/7/2017	8.30am – 9.30am	Regularly scheduled quarterly meeting
3	6/6/2017	8.30am – 9.30am	Regularly scheduled quarterly meeting
4	7/25/2017	8.30am – 9.30am	Annual FMP report. (Sunshine Law Training?)

NOTICE OF MEETING

The City of Venice Community Rating System (CRS) Committee shall meet on June 6th, 2017, beginning at 8.30am until approximately 9.30am. The meeting will take place in The Development Service Conference Room, City Hall, 401 W. Venice Avenue, Venice, Fl 34285. The purpose of this meeting is to implement and evaluate the City's Community Rating System (CRS) program, and revise the Floodplain Management Plan where deemed necessary.

The public is invited to attend this meeting and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

June 6th, 2017
Meeting # 3, 2016-2017

AGENDA

- Minutes from Meeting #2, March 7th, 2016
Motioned: _____ Seconded: _____
Approved _____ Approved with comments _____

- Amended Minutes from Dec 6th, 2016
 - Amended per minutes from March 7th, 2017
- CRS Review
 - CRS Activity 370 – Flood Insurance Promotion (FIA)
 - CRS Activity 340 – Other Disclosure Requirements (ODR)
- Update on HB 901 & SB 7000
 - Attachment
- Update on Amendment of Flood Ordinance (50% rule / Substantial Improvement Substantial Damage (SISD))
 - Attachment (Ordinance2017-11)
- Other business:

Meeting Schedule 2016-2017			
Mtg #	Date	Time	Purpose
1	Dec 6, 2016	8.30am – 9.30am	Regularly scheduled meeting
2	March 7, 2017	8.30am – 9.30am	Regularly scheduled meeting
3	June 6, 2017	8.30am – 9.30am	Regularly scheduled meeting
4	July 25, 2017	8.30am – 9.30am	Regularly scheduled meeting

Attachments:

1. Notice of meeting
2. Draft Minutes – March 7th, 2016
3. Amended Minutes – December 6th, 2016
4. Email re HB901 & SB7000
5. Ordinance 2017-11 (50% rule / SISD)

MINUTES

Present: Kathleen Weeden, Mark Hawkins, Mark Hampshire, Robert Yoho, Greg Schneider, John Meyers, Scott Pickett and non-committee members Gillian Carney, Frank O'Neill and Elizabeth Wong (Northport CRS Coordinator).

By Phone: -

Absent: Renee Halback (Telephoned beforehand to excuse her absence)

Kathleen Weeden called the meeting to order at 8.37am.

Meeting ended at 9.30am

1. Introductions for the benefit of guest Elizabeth Wong.
2. Minutes from Meeting #1, December 6th, 2016
 - Motioned: Greg Schneider Seconded: Robert Yoho
 - Approved _____ Approved with comments X _____
 - Amend: John Meyer's name was inadvertently omitted from the list of attendees. Sign in sheet shows he was present.
3. CRS Review is ongoing.
 - a. Changes to the CRS PPI
 - i. Simple changes that can be made without seeking committee approval (ie additional comments in flood zone determinations) are being made as Gillian works through the audit result. Any proposed major changes will be brought before the committee.
 - ii. Discussion of CRS activity 340: Other Disclosure Requirements (ODR. See attachment)
 1. Gillian to verify whether State or County regulate items 1,2,3 or 6, and how they are enforced. If they are regulated and enforced, the City can easily add them to our ordinance. If not, we can discuss cost/benefit to adding them.
 2. Gillian to check with surveyors (Manasota & Charlotte Harbor chapters) as to their requirement for #6
 3. Gillian to talk to VABR about items 2 and 9. Are they required by State, how regulated /enforced. Feasibility of regulation & enforcement.
 4. After researching each of the above, report back to committee to determine cost/benefit as each activity is worth 5 CRS points.
 - iii. Discussion of CRS activity 360: Financial Assistance Advice (FAA. See attachment) and associated elements of PPA
 1. **Motion to add the FAA to the PPI. Motioned by: Mark Hampshire. Seconded by: Mark Hawkins. The motion passed with no opposition.** Gillian to add the FAA (with required elements of PPA) to the relevant sections of the FMP document and outreach documents. The update will go before Council either during annual update (September) or with the Flood Ordinance (Chapter 98) rewrite of the 50% rule.
4. 50% Rule:
 - a. Greg gave an overview of the House and Senate Bills (HB 901 & SB 7000. See attachment), their impacts on the construction industry, the Building dept. and the City's CRS class.
 - i. If the bills passed, the City of Venice (along with the all CRS communities in Florida) would drop to a class 7. Resulting in flood insurance premiums for our residents.

- ii. The Florida Floodplain managers Association (FFMA) and the Building Officials Association of Florida (BOAF) have stated that these bills are detrimental to the State of Florida, causing the state to be regressive if all codes are to be based only on the 2015 International codes (I-codes) and not updated with new editions of I-Codes.
 - iii. Gillian to send Committee members an email with links to both bills as well as links to the statements by the Florida Floodplain managers Association (FFMA) and the Building Officials Association of Florida (BOAF).
5. Greg and Frank have been in discussion with Steve Martin of the Florida Department of Emergency Management (FDEM). Their feedback was not positive – urging the City to drop to 0 instead of 1 year. Fr
- a. Frank and Greg (and the committee) feel that the discussions held by the committee over the year justify us moving forward with keeping the limit at 1 year cumulative as voted on by the committee at the 9/20/2016 meeting.
 - b. After discussions with FDEM, Greg kept only 2 exemptions pertaining to (1) health, sanitary or safety code violations, and (2) historic structures. **A motion to approve the rewritten ordinance was proposed by Mark Hampshire and Seconded by John Meyers. The Motion passed with no opposition.**
 - c. Greg to send Gillian and Kathleen the final version of the rewritten ordinance. Kathleen will forward to the City attorney and the City Clerk for final review with the goal of having the rewritten Ordinance read at the City Council meetings on April 11th and April 25th.
 - d. Gillian to update the FMP to reflect the rewritten Ordinance.
6. The next meeting is scheduled for June 6th, 2017

Tentative Meeting Schedule 2016-2017			
Mtg #	Date	Time	Purpose
1	12/6/2016	8.30am – 9.30am	Regularly scheduled quarterly meeting
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3	6/6/2017	8.30am – 9.30am	Regularly scheduled quarterly meeting
4	7/25/2017	8.30am – 9.30am	Annual FMP report. (Sunshine Law Training?)

December 6th, 2016
Meeting # 1, 2016-17

MINUTES

Present: Kathleen Weeden, Robert Yoho, Mark Hampshire, Scott Pickett, Renee Halback, Greg Schneider, John Meyers and non-committee members Gillian Carney and Kirsten Pedersen (Sarasota County)

By Phone: -

Absent: Mark Hawkins (emailed that he had conflicting appointment)

Kathleen Weeden called the meeting to order at 8.35am.

Meeting ended at 9.30am

1. Minutes from Meeting #4, September 20th, 2016
Motioned: Renee Halback Seconded: Robert Yoho
Approved X Approved with comments _____
2. The annual Floodplain Management Plan report and plan update were approved by City Council on 9/27/2016.
3. CRS Review is ongoing.
 - a. Changes to the CRS PPI
 - i. Simple changes that can be made without seeking committee approval (ie additional comments in flood zone determinations) are being made as Gillian works through the audit result. Any proposed major changes will be brought before the committee.
 - ii. Some elements cannot be improved because of Ordinance constraints (ie Freeboard).
 - iii. Committee agreed to add a section in the FMP/PPI/CIP for Flood Preparedness and Response Plans and co-ordinate / reference the CEMP.
 1. Scott We should make sure we are using the message boards on US41 for our Flood Response Plan.
 2. Kirsten suggested we should make sure we are using the 'crawl' on SNN (Chanel 6 – Six News Now) for our Flood Response Plan.
4. 50% Rule:
 - a. Frank and Greg are working with Steve Martin of the Florida Dept. of Emergency Mgmt. (FDEM) on the regulatory language.
 - b. Discussion to remove exceptions 3-6 in the draft
 - i. **Motion** to remove exceptions 3-6 if found, by Steve Martin, to be inconsistent with FEMA regulations.
Motion Proposed by Renee Halback
Motion Seconded by Mark Hampshire
Motion passed with no opposition
5. Change the date of CRS Mtg #4, 2016-17, from August 1st to July 25th.

Tentative Meeting Schedule 2016-2017			
Mtg #	Date	Time	Purpose
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NOTICE OF MEETING

The City of Venice Community Rating System (CRS) Committee shall meet on July 25th, 2017, beginning at 8.30am until approximately 9.30am. The meeting will take place in The Development Service Conference Room, City Hall, 401 W. Venice Avenue, Venice, FL, 34285. The purpose of this meeting is to implement and evaluate the City's Community Rating System (CRS) program, and revise the Floodplain Management Plan where deemed necessary.

The public is invited to attend this meeting and be heard.

No stenographic record by a certified court reporter is made of this meeting nor will a verbatim record be prepared. Minutes will be written for the public record. Accordingly, any person who may seek to appeal any decision involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting upon which any appeal is based.

If you are disabled and need assistance, please contact the City Clerk's office at least 24 hours prior to the meeting.

July 25th, 2017
Meeting # 4, 2016-2017

AGENDA

1. Meeting called to order by:
At:
2. Minutes from Meeting #3 (2016-2017), June 6th, 2017
Motioned: _____ Seconded: _____
Approved _____ Approved with comments _____
3. City of Venice Ordinance 2017-11 (50% rule)
4. CRS Program - Review and Update (Gillian Carney)
 - a. FIA
 - b. Review of current PPI Outreach materials
 - c. New CRS Cycle
5. Florida HB 1021 (Greg Schneider)
6. Sarasota PACE program updates (Frank O’Neill)
7. New Business
8. Meeting adjourned at:

Meeting Schedule 2017-2018			
Mtg #	Date	Time	Purpose
1		8.30am – 9.30am	Sunshine Law Refresher Training
2		8.30am – 9.30am	Regularly scheduled meeting
3		8.30am – 9.30am	Regularly scheduled meeting
4		8.30am – 9.30am	Regularly scheduled meeting

December 6th, 2016
Meeting # 1, 2016-17

MINUTES

Present: Kathleen Weeden, Robert Yoho, Mark Hampshire, Scott Pickett, Renee Halback, Greg Schneider, John Meyers and non-committee members Gillian Carney and Kirsten Pedersen (Sarasota County)

By Phone: -

Absent: Mark Hawkins (emailed that he had conflicting appointment)

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March 7th, 2017
Meeting # 2, 2016-17

MINUTES

Present: Kathleen Weeden, Mark Hawkins, Mark Hampshire, Robert Yoho, Greg Schneider, John Meyers, Scott Pickett and non-committee members Gillian Carney, Frank O'Neill and Elizabeth Wong (Northport CRS Coordinator).

By Phone: -

Absent: Renee Halback (Telephoned beforehand to excuse her absence)

Kathleen Weeden called the meeting to order at 8.37am.

Meeting ended at 9.30am

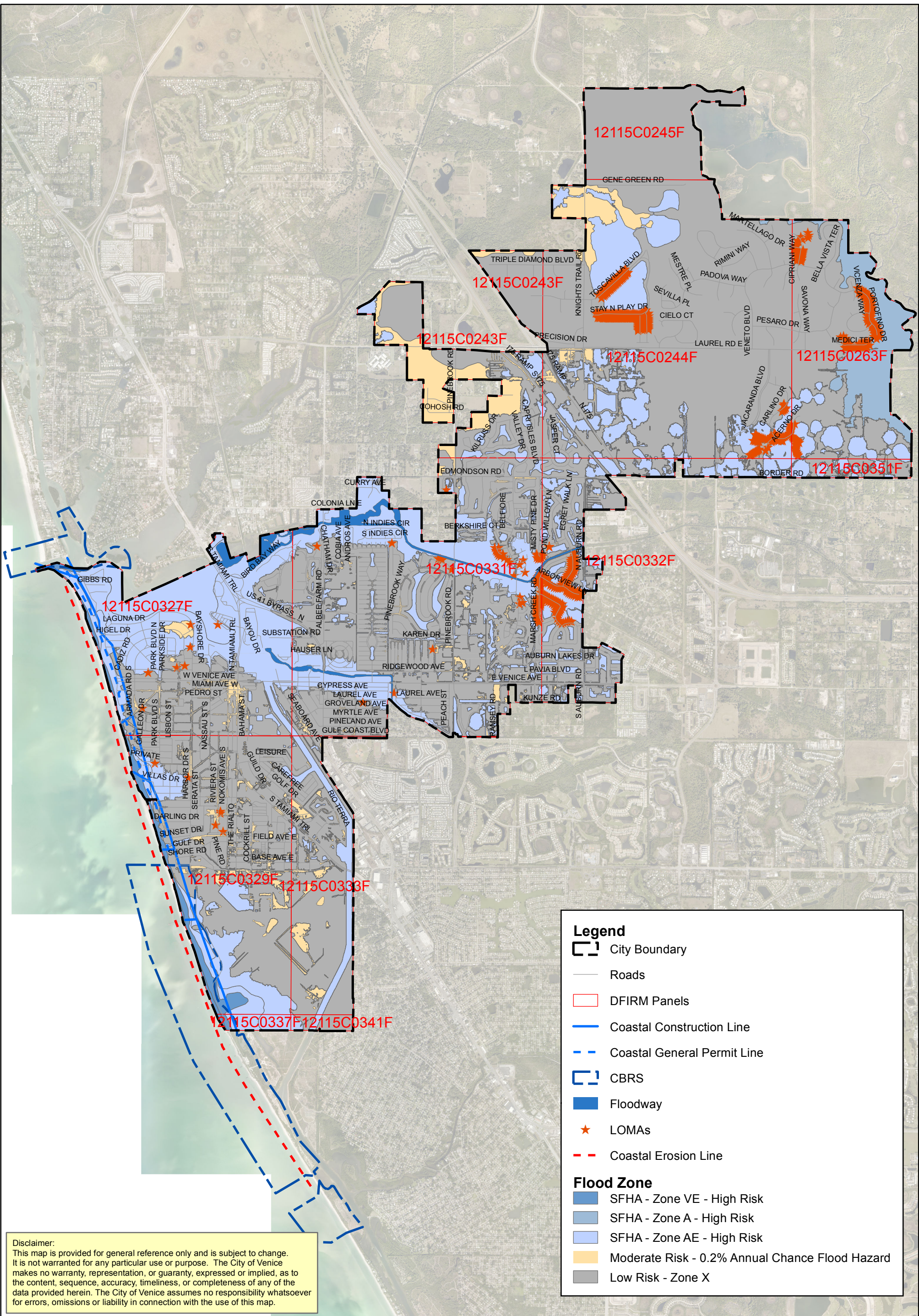
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Appendix C

City Maps



Disclaimer:
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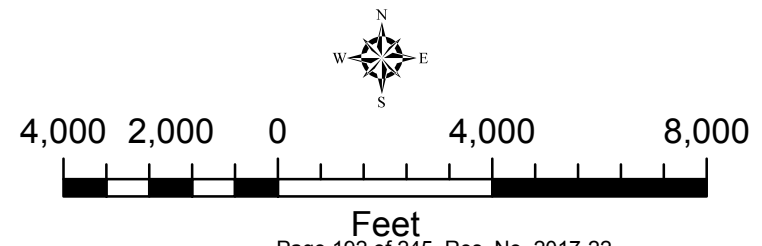
Appendix C, Figure 1 City of Venice Regulatory Flood Map

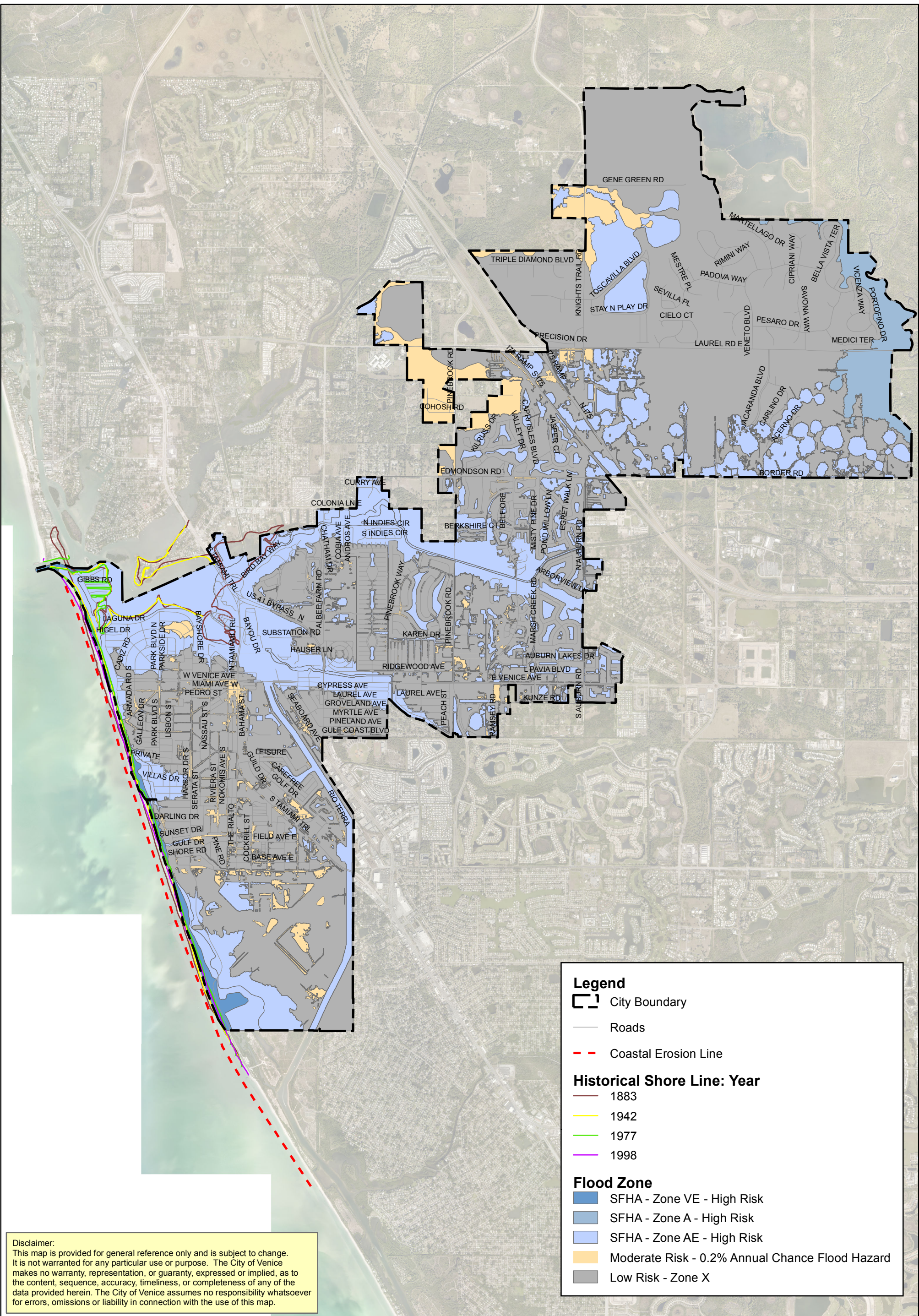
Legend

- City Boundary
- Roads
- DFIRM Panels
- Coastal Construction Line
- Coastal General Permit Line
- CBRS
- Floodway
- LOMAs
- Coastal Erosion Line

Flood Zone

- SFHA - Zone VE - High Risk
- SFHA - Zone A - High Risk
- SFHA - Zone AE - High Risk
- Moderate Risk - 0.2% Annual Chance Flood Hazard
- Low Risk - Zone X





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Legend

- City Boundary
- Roads
- Coastal Erosion Line

Historical Shore Line: Year

- 1883
- 1942
- 1977
- 1998

Flood Zone

- SFHA - Zone VE - High Risk
- SFHA - Zone A - High Risk
- SFHA - Zone AE - High Risk
- Moderate Risk - 0.2% Annual Chance Flood Hazard
- Low Risk - Zone X

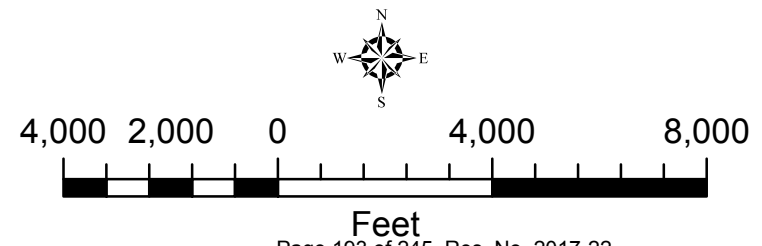
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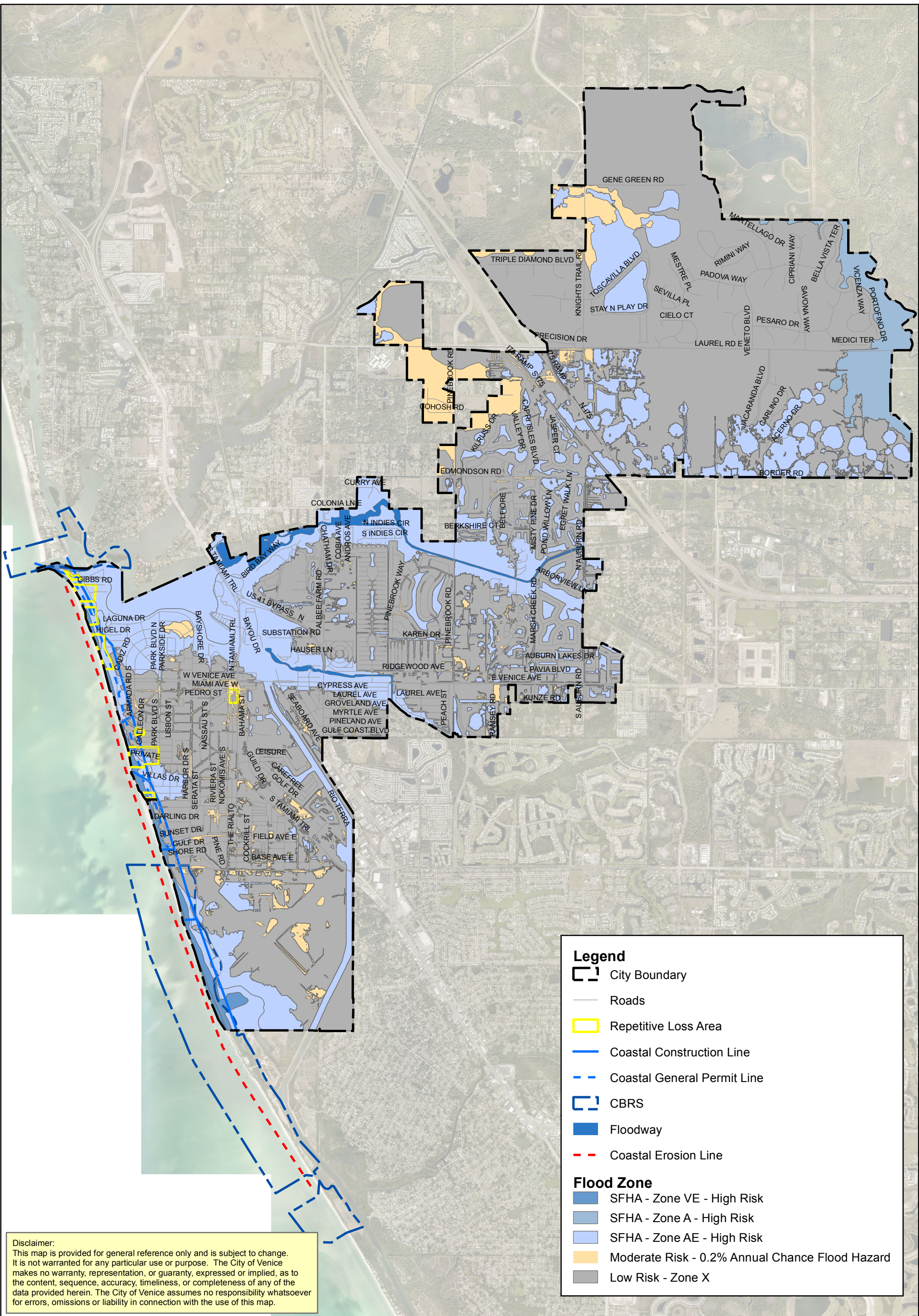


Appendix C, Figure 2

City of Venice

Coastal Erosion





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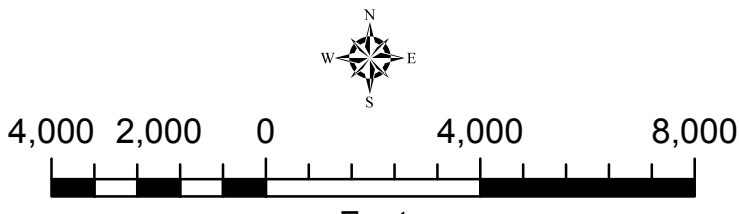
Appendix C, Figure 3 City of Venice Repetitive Loss Areas

Legend

- City Boundary
- Roads
- Repetitive Loss Area
- Coastal Construction Line
- Coastal General Permit Line
- CBRS
- Floodway
- Coastal Erosion Line

Flood Zone

- SFHA - Zone VE - High Risk
- SFHA - Zone A - High Risk
- SFHA - Zone AE - High Risk
- Moderate Risk - 0.2% Annual Chance Flood Hazard
- Low Risk - Zone X



Appendix D

LMS Update 2017-2018

The Sarasota County Local Mitigation Strategy (LMS) Work Group Project List

Priority	Name of Project	Description of Project	Hazard Mitigated	Hazard Mitigation Strategy	Mitigation Goals Achieved	Funding Source	Jurisdiction Project Benefit	Jurisdiction Project owner	Jurisdiction Project #	Agency Responsible for implementation	Estimated Cost	Project Status note 6						Timeframe for Project Completion	Mitigate New or Existing (N/E)
												New	Completed	In progress	Deleted	Deferred	If Deferred, Why?		
Note 1			Note 2	Note 3	Note 4		Note 5	Note 5				Note 6	Note 6	Note 6	Note 6	Note 6	Note 6		
High	Public Outreach	Public outreach programs for all jurisdictions	ALL	ALL	3	N/A	ALL	ALL	N/A	LMS Work Group	\$10K			✓				Continuous	E
Medium	South County Alligator Creek	Improve quality of stormwater	2,7,9,11	6	2	C.I.P.	3,4	SCG	75502	Capital Mgmt.	\$1.5M			✓				FY16	E
Medium	Englewood Interstate Connector	Raise roadbed, add traffic lanes for evacuation route	ALL	5	2	C.I.P.	ALL	SCG	95760	Capital Mgmt.	\$28M			✓				As funding is available	E
Medium	Alligator Creek Phase 1 & 2	Pipe and swale improvements	2,7,9,11	6	2	C.I.P.	3,4	SCG	85872	Capital Mgmt.	\$3M			✓				FY14	E
Medium	Country Woods	Rehabilitate existing drainage	2,7,9,11	6	2	C.I.P.	4	SCG	75841	Capital Mgmt.	\$600K			✓				FY14	E
N/A	Asset & Infrastructure Mgmt. System	Protect critical infrastructure through technology	ALL	5	2	C.I.P.	ALL	SCG	75832	Env. Services	\$6.9M					✓	Funding	As funding is available	E
Medium	Colonial Gables	Rehabilitate existing drainage	2,7,9,11	6	2	C.I.P.	4	SCG	75843	Capital Mgmt.	\$620K			✓				FY14	E
Medium	Beach Road Drainage Improvements	Rehabilitate existing drainage	2,7,9,11	6	2	C.I.P.	ALL	SCG	75803	Capital Mgmt.	\$2.8M			✓				FY15	E
Low	Repetitive Loss Program	FEMA guidelines	1,2,3,6,7,9,11	1,2,3,5,6,7,8	1	N/A	4	SCG SRQ	N/A	Env. Services	N/A			✓				Continuous	E
High	911/EOC Center	Construct new building	ALL	5	5	C.I.P.	ALL	SCG	84330	Capital Mgmt.	\$19M			✓				FY14	N
Medium	Fire Station 12	Remove and replace current fire station	ALL	5	5	C.I.P.	ALL	SCG	84350	Capital Mgmt.	\$4M			✓				FY15	E
Medium	Fire Station 14	Remove and replace current fire station	ALL	5	5	C.I.P.	ALL	SCG	84332	Capital Mgmt.	\$4M			✓				FY15	E
Medium	Fire Station 19	Remove and replace current fire station	ALL	5	5	C.I.P.	ALL	SCG	84346	Capital Mgmt.	\$4M					✓	Funding	As funding is available	E
Medium	Fire Station 16	Remove and replace current fire station	ALL	5	5	C.I.P.	ALL	SCG	84334	Capital Mgmt.	\$7M			✓				FY15	E
Medium	Fire Station 17	Construct new building	ALL	5	5	C.I.P.	ALL	SCG	84353	Capital Mgmt.	\$4.3M			✓				FY15	N
Medium	Fire Station 9	Construct new building	ALL	5	5	C.I.P.	ALL	SCG	84340	Capital Mgmt.	\$4.5M	✓				✓	Funding	As funding is available	N
High	North Beach Road	Public Access and Shore Line Protection	1,2,7,8,9,10 to 15	1,4,5,6	1 to 5	C.I.P.	ALL	SCG	37340123	Public Works	\$2M			✓				2013-2014	N
Medium	Fire Station 27	Construct new building	ALL	5	5	C.I.P.	ALL	SCG	84340	Capital Mgmt.	\$4.5M	✓				✓	Funding	As funding is available	N
High	Storage Tank conversion to an EOC	Assessing the feasibility for the adaptive reuse of infrastructure	ALL	2	5	N/A	ALL	SRQ	N/A	Public Works	\$1.75M				✓			FY13	E
High	Hardening of City Hall	Wind retrofit, shutters	2,8,9,11,12,15	2	5	C.I.P.	2,4	SRQ	GS-05.0	Public Works	\$647K			✓				FY15	E
Medium	Reconstruction of Failing Seawalls	Reconstruct existing seawalls City-wide	1,2,7,9,11	5	2	Penny Sales Tax	ALL	SRQ	RP-18.0	Public Works	\$325K			✓				FY15	E
Medium	12th Street Complex upgrade	Construct new building	ALL	5	5	Penny Sales Tax	2,4	SRQ	WU-50.0	Public Works	\$1.1M			✓				FY15	E

The Sarasota County Local Mitigation Strategy (LMS) Work Group Project List

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High	Stormwater Utility Projects	Construct improvement to existing storm drainage system	2,7,9,11	6	2	Penny Sales Tax	2,4	SRQ	SU-02.0	Public Works	\$5.2M			✓				FY15	E
Medium	Indian Beach Stormwater Project	Make enhancements to existing Storm drainage system (Bio)	2,7,9,11	6	2	C.I.P.	2	SRQ	SU-03.0	Public Works	\$3.8M			✓				FY15	E
High	City-wide Traffic Signalization	Replace wire line attachment with mast	2,8,9,11, 12,15	2	5	Penny Sales Tax	ALL	SRQ	EN-20.0	Public Works	\$2M			✓				FY15	E
Medium	Bird Key Bridge Rehabilitate	Assess existing conditions and make necessary repairs	ALL	5	2	Penny Sales Tax	2,4,7	SRQ	EN-51.0	Public Works	\$4.8M			✓				FY14	E
High	Coon Key Utility Line Undergrounding	Remove overhead power lines and install underground	2,8,9,11, 12,15	5	5	Penny Sales Tax	2,4	SRQ	EN-118.0	Public Works	\$1.2M			✓				FY14	E
Medium	Clean-up of the MLK Brownfield	Cleanup & Remediation of spoils and the use of it as a landfill	7	8	4	Penny Sales Tax	2,4	SRQ	RD-11.0	Public Works	\$4.9M			✓				FY15	E
Medium	Lift Station 87 & 13	Relocate and construct new lift station	ALL	5	5	Revenue Bonds	2	SRQ	WU-46	Utilities	\$8.5M			✓				FY17	E
Medium	Rehabilitate lift stations 9 & 17	Rehabilitate lift stations 9 & 17	ALL	5	5	Revenue Bonds	2	SRQ	WU-46.1	Utilities	\$3M		✓					FY13	E
Medium	Indian Beach Park Shore Stabilization	Install GEO Web Mat	ALL	5	4	Penny Sales Tax	ALL	SRQ	RP-57	Public Works	\$150K		✓					FY13	E
High	Police Dept. Relocate and EOC construction	Reconstruct PD facility to include City Command EOC	2, 7, 8, 9,11, 12, 15	2	5	N/A	ALL	V	1V	Police	\$16M					✓	Funding		E
Medium	Relocate Fire Station #2	Construct new fire station outside flood zone	2, 7, 8, 9,11, 12, 15	2	5	N/A	ALL	V	3V	Fire	\$5M					✓	Funding		E
Medium	Directional signs for island evacuation	Acquire four signs for three bridges and roadways	2, 7, 8, 9,11, 12, 15	5	4	N/A	3,4	V	6V	Public Works	\$60K					✓	Funding		E
Low	City Hall generator and computer vehicle	Emergency operations for city communications	2, 7, 8, 9,11, 12, 15	2	5	N/A	3,4	V	7V	City Hall	\$500K					✓	Funding		E
Low	Relocate PW to PD after new PD complete	Harden Structure and retrofit for PW Admin.	2, 7, 8, 9,11, 12, 15	2	5	N/A	3	V	8V	Public Works	\$4M					✓	Funding		E
Low	25-GPS units for city departments	Provide tracking of critical facilities in emergency	2, 7, 8, 9,11, 12, 15	5	5	N/A	3,4	V	12V	Utilities	\$6K					✓	Funding		E
High	Radio upgrade for the city department	Provide optimum radio communications	2, 7, 8, 9,11, 12, 15	5	5	NA	ALL	V	21V	Utilities, Fire, Police, PW	\$490K					✓	Funding		E
Low	Second House Program	Partner coastal with inland residents during emergencies	2, 7, 8, 9,11, 12, 15	5	1	N/A	3	V	23V	City Hall	\$10K					✓	Funding		E
Low	Relocate 7 west production wells	Construct out of flood prone area	2,7,9,11	2	5	N/A	ALL	V	24V	Utilities	\$3.5M					✓	Funding		E
Low	Relocate water plant elevated tank	Upgrade support system to prevent against flood and wind	2,7,9,11, 12,15	2	5	N/A	ALL	V	26V	Utilities	\$725K					✓	Funding		E
Low	Upgrade Chuck Reiter elevated tank	Upgrade support system to prevent against flood and wind	2,7,9,11, 12,15	2	5	N/A	ALL	V	27V	Utilities	\$76K					✓	Funding		E

The Sarasota County Local Mitigation Strategy (LMS) Work Group Project List

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												New	Completed	In progress	Deleted	Deferred	If Deferred, Why?		
Note 1			Note 2	Note 3	Note 4		Note 5	Note 5				Note 6	Note 6	Note 6	Note 6	Note 6	Note 6		
Low	Modify Pinebrook booster station	Waterproof and upgrade communication system	2, 7, 8, 9,11, 12, 15	2	5	N/A	ALL	V	28V	Utilities	\$50K					✓	Funding	E	
Low	Coastal Area Redevelopment Study	Post disaster study	2, 7, 8, 9,11, 12, 15	5	2	N/A	ALL	V	29V	Dev. Service	\$50K					✓	Funding	E	
Low	Coastal Compliance Program	Public education for retrofit and construction activities	2, 7, 8, 9,11, 12, 15	5	3	N/A	3	V	30V	Building	\$30K					✓	Funding	E	
High	Island Basin SW Improvement	Evaluate and Install box culverts and Flamingo Ditch	2,7,9,11	6	2	SWFWMD, City	ALL	V	31V	Stormwater	\$1.6M		✓					FY14	E
High	Deertown Gully Construction	Study Deertown Gulley area and construct mitigation	2,7,9,11	6	2	CIP, SWFWMD	ALL	V	33V	Engineering	\$2M		✓					FY14	E
High	Island Basin SW Improvement Program	Improvements to Outfall 13	2,7,9,11	6	2	CIP	3	V	35V	Engineering	\$750K				✓			FY15	E
Medium	Coastal Land Acquisition Program	Purchase properties and preserve for open space	2,7,9,11	1	4	N/A	3	V	36V	Engineering	\$425K					✓	Funding	E	
High	Island Basin SW Improvement Program	Design and replace pipes at outfall 12 Laguna/Osprey	2,7,9,11	6	2	CIP	3	V	37V	Engineering	\$2.3M				✓		Funding	E	
Medium	Island Basin SW Improvement Program	Replace pipes at Aldea Mar	2,7,9,11	6	2	CIP	3	V	38V	Engineering	\$100K				✓				E
Low	Relocate RO Water Plant	Construct facility out of the flood zone	2,7,9,11	2	5	N/A	ALL	V	42V	Utilities	\$40M					✓	Funding	E	
Medium	Sanitary Sewer Project	Rehab sanitary system to prevent inflow into ground/sw system	2,7,9,11	2	5	N/A	ALL	V	43V	Utilities	\$350K		✓					2016	E
Low	Ajax property 2MGD booster station	Provide service to east side of town, construct interconnect with county	2,7,9,11, 12,15	2	5	SRF/ Revenue	3	V	44V	Utilities	\$7.4M	✓						2019	E
Low	Eastside 1MGD storage tank and pumps	Provide service to east side of town	2,7,9,11, 12,15	2	5	N/A	3	V	44V	Utilities	\$1.5M					✓	Funding	E	
Low	Venice Evacuation Study	Study to address the need for hurricane shelters in city	2,7,8,9,11, 12,14,15	5	1	N/A	ALL	V	50V	Planning	\$50K					✓	Funding	E	
High	Fire Station 1 Replacement	In flood zone, rebuild to code	2,7,9,11, 12,15	3	5	N/A	ALL	V	55V	Fire	\$5M					✓	Funding	E	
High	Relocate PW to PD after new PD complete	Harden Structure and retrofit for PW Admin.	2, 9, 11,12, 15	2	5	N/A	3	V	57V	Public Works	\$4M					✓	Funding	E	
Medium	Airport Generator	Provide adequate energy for airport operations	2,7,8,9,11, 12,15	2	5	N/A	ALL	V	58V	Airport	\$500K		✓			P	Funding	E	
Medium	Airport Ramp and Apron Lighting	Provide adequate lighting during disasters	2,7,8,9,11, 12,15	2	5	N/A	ALL	V	59V	Airport	\$1M					✓	Funding	E	
Medium	Storm shutters for Airport buildings	Wind protection during hurricanes	2,8,9,11, 12,15	2	5	N/A	ALL	V	60V	Airport	\$150K					✓	Funding	E	
Low	Hurricane Tolerant Handbook	Update the 1994 hurricane study	9	5	3	N/A	ALL	V	61V	Planning	\$15K					✓	Funding	E	
High	New Public Works Complex	Built before hurricane code move to east side of town	2,7,8,9,11, 12,15	2	5	N/A	ALL	V	62V	Public Works	\$8M					✓	Funding	E	

The Sarasota County Local Mitigation Strategy (LMS) Work Group Project List

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												New	Completed	In progress	Deleted	Deferred	If Deferred, Why?		
Note 1			Note 2	Note 3	Note 4		Note 5	Note 5				Note 6	Note 6	Note 6	Note 6	Note 6	Note 6		
High	Remove Invasive Species	Prevent infrastructure damage during high winds	2,8,9,11,12,14,15	4	4	N/A	3,4	V	63V	Public Works	\$75K					✓	Funding	E	
Medium	Purchase Portable Generators for Lift Station	Provide emergency back up power outage	2,7,8,9,11,12,15	5	1	N/A	ALL	V	64V	Utilities	\$450K					✓	Funding	E	
Medium	Hurricane Shutters for Water Plant	Secure building for hurricanes	9,12,15	2	5	N/A	ALL	V	65V	Utilities	\$32K					✓	Funding	E	
High	City Hall Reroof	Roof not built to code and condition is deteriorating	2,7,9,11,12,15	2	5	N/A	ALL	V	66V	Public Works	\$600K					✓	Funding	E	
Medium	Sanitary Sewer Project	Rehab sanitary manholes to prevent infiltration into system	2, 7, 9	5	5	N/A	3	V	68V	Utilities	\$5.5M		✓					2016	E
Low	2nd sanitary force main under Intracoastal	Add a secondary force main to add to secondary redundancy	2, 7, 9	5	5	N/A	3	V	69V	Utilities	\$500K					✓	Funding	E	
Low	2nd sanitary force main under I-75	Add a secondary force main to add to secondary redundancy	2, 7, 9	5	5	Utilities revenue	3	V	70V	Utilities	\$500K		✓					2020	E
High	Venice beach Outfall 1 Alhambra Outfall 2	Stormwater diversion to provide treatment and protection.	2, 7, 9, 11	6	2, 4	City Grants	3	V	71V	Engineering	\$500K		✓					2015	E
High	Hatchett Creek Restoration	Remove cement and invasive species on creek bed	2, 7, 9, 11	4, 6	1, 2, 4	County Grants	3, 4	V	72V	Engineering	\$300K		✓					2015	E
Medium	Venice Communication Enhancement Utilities	Install fiber optic cable in existing and extended conduit	2, 7, 9, 11,12, 15	5	1	N/A	3	V	73V	Utilities	\$750K		✓					2014	E
High	Westgate Drainage	Stormwater pump improvement flood protection	2, 7, 9, 11	6	2, 4	City / Grants	3	V	74V	Engineering	\$1M		✓					2016	E
High	Reinforce Airport Hangars	Reinforce existing airport to meet hurricane standards	2, 7, 9, 11,12,15	2	2, 5	City / Grants	3	V	75V	Airport	\$1M	✓							N
High	Construct New T-Hangars	Construct new T-Hangars meeting hurricane standards	2, 7, 9, 11,12,15	5	2	City / Grants	3	V	76V	Airport	\$1.5M	✓							N
High	Replace Airport Admin. Building	Replace existing Airport Admin. Building to meet hurricane stds.	2, 7, 9, 11,12,15	5	2	City / Grants	3	V	77V	Airport	\$1M			✓				2019	E
High	Relocate Airport Maintenance Facility	Relocate existing Airport Maint. Facility to meet hurricane stds.	2, 7, 9, 11,12,15	5	2	City / Grants	3	V	78V	Airport	\$650K	✓							N
High	Airport Avenue Drainage Project	Upgrade existing drainage facilities to mitigate flood in evacuation route	2,7,9,11	6	2	City / Grants	3	V	79V	Airport	\$700K					✓	Funding	N	
Medium	Live Oak Dr. Stormwater Improvements	Upsize existing stormwater pipes to reduce flooding	2,7,9,11	6	2	SRF/ Grants	3	V	80V	Engineering	\$600K					✓	Funding	E	
High	Nokomis Ave. South Stormwater	Upsize existing stormwater pipes to reduce flooding	2,7,9,11	6	2	CIP/ Grants	3	V	81V	Engineering	\$1.1M			✓					E
Medium	Outfall 9 Improvement	Study the drainage basin and increase the infiltration pond size	2,7,9,11	6	2	CIP/ Grants	3	V	82V	Engineering	\$500K					✓	Funding	E	
Medium	Golf Dr. Stormwater Improvements	Upsize existing stormwater pipes to reduce flooding	2,7,9,11	6	2	CIP/ Grants	3	V	83V	Engineering	\$750K					✓	Funding	E	
High	Airport Northeast Drainage Project	Upsize existing stormwater pipes to reduce flooding	2,7,9,11	6	2	CIP/ Grants	3	V	84V	Airport	\$750K					✓	Funding	N	
High	Relocate PW to PD after new PD complete	Harden Structure and retrofit for PW Admin.	2, 7, 9, 11,12,15	2	5	N/A	3	V	85V	Public Works	\$4M					✓	Funding	E	

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Note 1			Note 2	Note 3	Note 4		Note 5	Note 5				Note 6	Note 6	Note 6	Note 6	Note 6	Note 6		
Medium	Beach Erosion Hot Spot Alternatives	Alternate erosion evaluation and construction	1,2,7,9	5	5	Grants	3	V	86V	Engineering	\$4M	✓					Funding		N
High	Public Works Facility	Construct joint use facility	ALL	2, 3	5	MCF / HMGP	ALL	NP	F10FMC	Public Works	\$6.4M		✓					2013	E
Medium	Design replacement for flood control structure #125	Corroded Structure Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$60K					✓	Funding		E
Medium	Hardening of water & sewer utility structures	Upgrade utility structures at bridge crossings, etc.	ALL	5	5	UR / HMGP	ALL	NP	N/A	Utilities	\$600K					✓	Funding	2016	E
High	Purchase lots along the Myakkahatchee Creek	Purchase lots to reduce flood vulnerability	ALL	1	2, 4	FDEP / HMGP	1, 4	NP	N/A	NDS	\$1.2M					✓	Funding	As funding is available	E
Medium	Carlton Tract Bridge	Install bridge in order to decrease response time	ALL	5	5	CIP / HMGP	1,4	NP	N/A	Fire Rescue	\$750K					✓	Funding	N/A	E
High	City Hall EOC	Build-out to accommodate emergency operations center to include showers, and back-up emergency power to entire bldg.	ALL	2	5	HMGP /	ALL	NP	N/A	Emergency Mgmt.	\$750K					✓	Funding	As funding is available	E
High	Repair flood control gate #131	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$9.5K		✓					2013	E
High	Replace flood control gate #133	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$460K			✓				2014	E
High	Replace flood control gate #139	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$488K		✓					2013	E
High	Design replacement for flood control structure #101	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA / SWFWMD	1,4	NP	N/A	Public Works	\$100K		✓					2013	E
High	Construct replacement for flood control structure #101	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA / SWFWMD	1,4	NP	N/A	Public Works	\$1.2M			✓				2014	E
High	Design replacement for flood control structure #108	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$70K					✓	Funding	2017	E
High	Repair flood control structure #128	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$9.5K		✓					2013	E
Medium	Design replacement for flood control structure #161	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$60K					✓	Funding	As funding is available	E
Medium	Design replacement for flood control structure #124	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$60K					✓	Funding	As funding is available	E
Medium	Design replacement for flood control structure #112	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$60K					✓	Funding	As funding is available	E
Medium	Design replacement for flood control structure #157	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$60K					✓	Funding	As funding is available	E
Medium	Design replacement for flood control structure #116	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$60K					✓	Funding	As funding is available	E

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												New	Completed	In progress	Deleted	Deferred	If Deferred, Why?		
Note 1			Note 2	Note 3	Note 4		Note 5	Note 5				Note 6	Note 6	Note 6	Note 6	Note 6	Note 6		
Medium	Design replacement for flood control structure #121	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$60K					✓	Funding	As funding is available	E
High	Design replacement for flood control structure #114	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$70K					✓	Funding	2018	E
High	Design replacement for flood control structure #113	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$120K					✓	Funding	2015	E
High	Construct replacement for flood control structure #113	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$1.5M					✓	Funding	2016	E
High	Design replacement for flood control structure #115	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$70K			✓				2014	E
High	Construct replacement for flood control structure #115	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$700K					✓	Funding	2015	E
High	Public Works Admin R&D and Solid Waste	Replace buildings with hardened structures	ALL	2, 3	5	RDA	ALL	NP	N/A	Public Works	\$6.28M	✓				✓	Funding	As funding is available	N
High	Pipe Lining on Major outfalls	CMP pipes that are difficult to replace can be lined	ALL	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$1M	✓				✓	Funding	As funding is available	N
High	Design replacement for flood control structure #106	Corroded Structure Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$120K					✓	Funding	2016	E
High	Design replacement for flood structure #ST1, ST2, ST3	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$90K					✓	Funding	2019	E
Low	4 Lane Price Blvd Biscayne to Haberland	Four-lane and elevate roadway.	ALL	5	5	Surtax II / HMGP	ALL	NP	N/A	Public Works	\$120M					✓	Level of	2035	E
High	Phase III, A widening Sumter Blvd	Four-lane and elevate roadway.	ALL	5	5	TIF / ARRA	ALL	NP	R07SB3	Public Works	\$14M			✓				2014	E
High	Construct replacement for flood control structure #114	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$700K					✓	Funding	2019	E
Medium	Construct replacement for flood control structure #121	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$500K					✓	Funding	As funding is available	E
Medium	Construct replacement for flood control structure #116	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$500K					✓	Funding	As funding is available	E
Medium	Construct replacement for flood control structure #157	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$500K					✓	Funding	As funding is available	E
Medium	Construct replacement for flood control structure #112	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$500K					✓	Funding	As funding is available	E

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												New	Completed	In progress	Deleted	Deferred	If Deferred, Why?		
Note 1			Note 2	Note 3	Note 4		Note 5	Note 5				Note 6	Note 6	Note 6	Note 6	Note 6	Note 6		
Medium	Construct replacement for flood control structure #124	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$500K					✓	Funding	As funding is available	E
Medium	Construct replacement for flood control structure #161	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$500K					✓	Funding	As funding is available	E
High	Construct replacement for flood control structure #108	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$700K					✓	Funding	2018	E
High	Construct replacement for flood control structure #106	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$1.5M					✓	Funding	2017	E
High	Construct replacement for flood structure #ST1, ST2, ST3	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$1M					✓	Funding	2020	E
Medium	Construct replacement for flood control structure #125	Corroded Structure. Need to rehab, replace for flood protection	2, 3, 6, 7,9,11	2, 5, 6, 7	1, 2, 5	RDA	1,4	NP	N/A	Public Works	\$500K					✓	Funding	As funding is available	E
High	Lift Station E renovations	Upgrade motors, controls, roof & exterior of building	ALL	2	5	CIP / HMGP	7	LBK	LBK4	Public Works	\$700K			Bid opens				2014	E
N/A	Streets and Drainage Improvements	Provide additional drainage & retention in suitable locations	5	1	5	CIP / HMGP	7	LBK	LBK9	Public Works	\$600K		\$128K			✓	Funding	2013 - 2016	E
N/A	Purchase Generators	Reduce dependency on rental equipment	ALL	5	ALL	CIP / HMGP	ALL	LBK	LBK13	Public Works	\$145K			\$35K		✓	Funding	2013 - 2015	E
High	North Shore Groins	Reduce beach erosion	1	4	4	CIP / HMGP	2,3,4,7	LBK	LBK18	Public Works	\$6.5M			Permitting			Permitting	2014-2015	E
High	North Potable Water Connection	Replace existing potable water connection to community	ALL	5	ALL	CIP / HMGP	ALL	LBK	LBK19	Public Works	\$1.2M			✓				2015	E
Medium	South Fire Station 92	Remove and replace current fire station	ALL	5	ALL	CIP / HMGP	ALL	LBK	LBK20	Public Works	\$1.2M			✓		✓	Funding	2016-2017	E
High	Wastewater Force Main	Replace existing wastewater connection to Manatee County	4	4	All	CIP / HMGP	ALL	LBK	LBK21	Public Works	\$14M			✓				2015-2016	E
High	Siesta Key Master Pump Station	Master pump station to transfer flow off island	2,7,9,11, 12,15	3	5	CIP / HMGP	1	SCG	55995	Capital Mgmt.	\$3M	✓						2015	N
LOW	Mobile Command Unit	Design and Purchase a Mobile Command Unit for use during special events and emergencies.	2, 7, 8, 9,11, 12, 15	2	5	N/A	ALL	V	1V	Police	\$500K	✓							N
Medium	Valencia Rd. Stormwater Improvements	Upsize existing stormwater pipes to reduce flooding	2,7,9,12	6	2	CIP/ Grants	3	V	83V	Engineering	\$850K	✓				✓	Funding		N

Note 1

Priority- Priority ranking is determined by the Hazard Mitigation Project Evaluation Criteria Worksheet. The project priority is rated in the following table.

Priority	Project Score
High	21 - 28
Medium	11 - 20
Low	0 - 10
N/A	Deferred or Completed

Note 2

Hazard	Number	Hazard	Number
Coastal Erosion	1	Hurricane	9
Coastal Storm	2	Land Subsidence	10
Dam Failure	3	Seasonal Severe Weather	11
Drought	4	Tornado	12
Earthquake	5	Tsunami	13
Levee Failure	6	Wildfire	14
Flood	7	Windstorm	15
Hailstorm	8	Deleted Project	N/A

Note 3

The Hazard Mitigation Strategy is based upon Goal 2, Objective 1 of the Local Hazard Mitigation Goals and is described in the following table.

Hazard Mitigated	Description
1	Acquisition of hazard prone property & conversion to open space
2	Retrofitting existing buildings and facilities
3	Elevation of flood prone structures
4	Vegetative management & soil stabilization
5	Infrastructure protection measures
6	Stormwater management
7	Minor structural flood control projects
8	Post-disaster code enforcement activities

Note 4

The Mitigation Goals Achieved are described in the following table and are based upon Goal 2 and Goal 4 of the Local Hazard Mitigation Goals within the Mitigation Strategy section of the basic plan.

Mitigation Goal Achieved	Description
1	Prevention
2	Property Protection
3	Public Education and Awareness
4	Natural Resource Protection
5	Structural Protection
N/A	Deleted

Note 5

The jurisdiction abbreviation is described in the following table.

Jurisdiction	Abbreviation	Number
City of North Port	NP	1
City of Sarasota	SRQ	2
City of Venice	V	3
Sarasota County Government	SCG	4
Sarasota County Schools	SCS	5
Sarasota Memorial Hospital	SMH	6
Town of Longboat Key	LBK	7
Deleted	N/A	N/A

Note 6

The project status is described in the following table.

Project Status	Description
New	Project added from previous project list submission
Complete	Project completed during period or construction has begun from previous project list submission
In-Progress	Project is in design and no construction has begun
Deleted	Project will be identified as deleted and remain on the project list for one annual cycle of reporting for administrative continuity of project tracking for local, state, and Federal agencies.
Deferred	Project is being deferred by jurisdiction

Appendix E

PPI Schedule and Outreach Templates

PPI Outreach Project Worksheet																				
Outreach Projects	Target Group #	Points per Topic	Topics Covered										Times per Year	Score	By	Goals - To Raise Awareness about				
			1	2	3	4	5	6	7	8	9	10				1	2	3	4	
			Know Your Hazard	Buy Flood Insurance	Protect People from the Hazard	Protect Property from the Hazard	Build Responsibly	Protect Natural Floodplain Functions	Hurricane Preparedness	General Preparedness	Elevated and Flood-Vented Properties	Flood Education				Local Hazards	Flood Insurance	Mitigation	Other (Specified)	
OP#1	FEMA Brochures in the Engineering Office	1		X										12		Eng. Dept		X		
OP#2	FEMA Brochures in City Hall Lobby	1		X										12		Eng. Dept		X		
OP#3	FEMA Brochures in the Venice Library	1		X										12		Eng. Dept		X		
OP#4	City Website	1	X	X	X	X	X	X	X	X	X	X	X	12		IT Dept.	X	X	X	
OP#5	FEMA F-683 (Why you need flood Insurance - Bldg. Dept.)	1		X										12		Eng. Dept		X		
OP#6	FEMA brochures to Latino Supermarket	6	1	X				X						12		Eng. Dept		X		
OP#7	Flood Protection Information Flyer in Utility Bill (All Residents)	1	X	X	X	X	X	X	X	X	X	X	X	2		Eng. Dept	X	X	X	
OP#8	FEMA F-696 to Venice Board of Realtors	3	1	X										1		Eng. Dept		X		
OP#9	Citywide Hurricane Seminar	1	X	X	X	X	X	X	X	X	X	X	X	1		Eng. Dept	X	X	X	
OP#10	HOA Mailing	2	1	X	X	X	X	X	X	X	X	X	X	1		Eng. Dept	X	X	X	
OP#11	Insurance Mailing + F-683	4	1	X										1		Eng. Dept		X		
OP#12	Realtor Mailing & "Flood Hazard: Check before you buy" flyer	3	1	X	X	X	X	X	X	X	X	X	X	1		Eng. Dept	X	X	X	
OP#13	Sarasota County Disaster Planning Guide	1	X	X	X	X	X	X	X	X	X	X	X	1		Sarasota County	X	X		
OP#14	Repetitive Loss Mailing (Targeted)	1	1	X	X	X	X	X	X	X	X	X	X	1		Eng. Dept	X	X	X	
OP#15	Insurance Mailing + FEMA 217	4	1	X	X	X	X	X	X	X	X	X	X	1		Eng. Dept	X	X	X	
OP#16	Flood Presentation to Venice Board of Realtors	3	1	X	X	X	X	X	X	X	X	X	X	1		Eng. Dept	X	X	X	
OP#17	Flooding Questionnaire (All Residents)	1	X											1		Eng. Dept	X	X		
OP#18	Publix Brochure: Preparing for a hurricane	1	X			X				X	X			1		Publix				Preparedness
OP#19	City of Venice Hurricane Guide	1		X	X									1		COV PIO	X	X		
OP#20	Email to Venice Board of Realtors re FEMA brochures	3	1	X										1		Eng. Dept		X		
OP#21	Forwarded FEMA training email to Insurance Agents	4	1	X										2		Eng. Dept		X		
OP#22	Tampa Bay Hurricane Guide	1	X	X	X	X	X	X	X	X	X	X	X	1		Tampa Bay Times	X	X		
OP#23	Publicity email: Code RED test (DATE)	1				X								1		COV PIO	X			Warning
OP#24	Library flyer: FIRMS and CodeRED (& DATE CodeRED test)	1	X			X								1		Eng. Dept	X	X		Warning
OP#25	Sarasota County PPI activities 2016-2017	1	X	X	X	X	X	X	X	X	X	X	X			Eng. Dept		X		
OP#26	Florida Division of Emergency Management (FDEM): Severe Weather Awareness Guide - printed and taken to Library, Chamber of Commerce and City Hall lobby	1	X	X	X					X	X			1		FDEM	X	X	X	
OP#27	FPL - Preparing for a Storm	1				X	X	X		X	X			1		FPL	X	X		Preparedness
OP#28	SERT - Quick Guide to Floodplain Management in Florida. (In reference section of library)	1	X	X			X	X	X					1		SERT / FDEM	X	X	X	
OP#29	LOWES Hurricane Guide	1									X	X		1		Lowes	X	X		
OP#30	City of Venice NPDES flyer in Utility Bills: Understanding Stormwater and the Environment	1						X	X				X	1		Eng. Dept	X			
OP#31	Home Depot Hurricane Guide	1	X	X						X	X			1		Home Depot	X	X	X	Preparedness
OP#32	City brochure: About the Mandatory Purchase of Flood Insurance	1		X	X	X				X	X			1		Eng. Dept	X	X	X	
OP#33	Repairing Your Flooded Home, Red Cross booklet. Available in DPW and Engineering Sept (Per OP#16)	1	X	X	X	X	X	X	X	X	X	X	X	1		Red Cross	X	X	X	Preparedness
OP#34	Annual Presentation to Realtors on 50% rule, by Bldg. Official	3	1	X	X	X	X	X	X	X	X	X	X	1		Bldg. Dept	X	X	X	Preparedness
OP#35	Joint LMS Presentations 2016-2017	1	X	X	X	X	X	X	X	X	X	X	X			SRQ EOM	x	x	x	
OP#36	Monthly Social Media Message	1	X	X	X	X	X	X	X	X	X	X	X	1		COV PIO		X		
OP#37	Condo Owners Mailing (Targeted)	6	1	X	X	X	X	X	X	X	X	X	X	1		Eng. Dept	X	X	X	
OP#38	Flood Response Plan Messages	1	X	X	X	X	X	X	X	X	X	X	X	1		Eng. Dept	X	X	X	

PPI & NPDES Schedule Oct 1st, 2017 - Sept 30th, 2018

Item	Project	Oct	Done	Nov	Done	Dec	Done	January	Done	February	Done	March	Done	April	Done	May	Done	June	Done	July	Done	Aug	Done
1	FEMA brochures in the Engineering office	Check		Check		Check		Check		Check		Check		Check		Check		Check		Check		Check	
2	FEMA brochures in City Hall Lobby	Check		Check		Check		Check		Check		Check		Check		Check		Check		Check		Check	
3	FEMA brochures in the Venice library	Check		Check		Check		Check		Check		Check		Check		Check		Check		Check		Check	
4	City website (check links & update with news)	Check		Check		Check		Check		Check		Check		Check		Check		Check		Check		Check	
5	FEMA F-683 (why you need flood insurance) in building Dept.	Check		Check		Check		Check		Check		Check		Check		Check		Check		Check		Check	
6	FEMA brochures to Latin supermarket	Check		Check		Check		Check		Check		Check		Check		Check		Check		Check		Check	
7	Flood protection information flyer mailed in Utility Bill							Check with Utility Billing Coordinator for numbers (double for year).				Check		Email flyers to SouthWest Direct (the printing & mailing vendor)									Email flyers to SouthWest Direct (the printing & mailing vendor)
8	FEMA F-696 to Venice Board of Realtors (Deliver with OP16)																					Take brochures	
9	Citywide Hurricane Seminar													Marketing & Communications Officer arranges and advertises on website. Have brochures at seminar.		8th							
10	HOA Targeted mailing											Send to printer		Mail									
11	Insurance mailing + F683											Mail											
12	Realtor mailing + Hazard insert											Mail											
13*	Sarasota County Disaster Planning Guide	Check		Check												Check		Check		Check		Check	
14	Repetitive loss mailing															Send to Printer		Mail					
15	Insurance mailing + FEMA 217																						
16	Flood presentation to Venice Board of Realtors																					16th	Schedule for next year
17	Flooding questionnaire	On City website, Taken to HOA presentations, flyer in City Hall, Flyer in library.		On City website, Taken to HOA presentations, flyer in City Hall, Flyer in library.		On City website, Taken to HOA presentations, flyer in City Hall, Flyer in library.		On City website, Taken to HOA presentations, flyer in City Hall, Flyer in library.		On City website, Taken to HOA presentations, flyer in City Hall, Flyer in library.		On City website, Taken to HOA presentations, flyer in City Hall, Flyer in library.		On City website, Taken to HOA presentations, flyer in City Hall, Flyer in library.		On City website, Taken to HOA presentations, flyer in City Hall, Flyer in library.		On City website, Taken to HOA presentations, flyer in City Hall, Flyer in library.		On City website, Taken to HOA presentations, flyer in City Hall, Flyer in library.		On City website, Taken to HOA presentations, flyer in City Hall, Flyer in library.	
18*	Publix brochure (preparing for a hurricane)	Check		Check												Check		Check		Check		Check	
19*	City of Venice Hurricane Guide	Check		Check												Check		Check		Check		Check	
20	Email to Venice Area Board of Realtors re FEMA Brochures																						
21*	Forwarded FEMA web training emails to Insurance Agents	Forward		Forward		Forward		Forward		Forward		Forward		Forward		Forward		Forward		Forward		Forward	
22	Tamp Bay Hurricane Guide	Check		Check												Check		Check		Check		Check	
23	Publicity email & annual CodeRED test													Send out email		Test - May 5th		Get numbers					
24	Library flyer (FIRMS and CodeRED)													Take flyer to library									
25	Sarasota County PPI Activities																						
26*	Florida Division of Emergency management: Severe weather Awareness Guide. Printed and taken to library, Chamber of Commerce and City Hall lobby.	Check		Check		Check		Check		Check		Check		Check		Check		Check		Check		Check	
27	FPL - Preparing for a storm	Check		Check												Check		Check		Check		Check	
28*	CERT - Quick guide to floodplain Management in Florida (in reference section of library)	Check		Check		Check		Check		Check		Check		Check		Check		Check		Check		Check	
29	LOWES Hurricane Guide	Check		Check												Check		Check		Check		Check	
30	City of Venice NPDES flyer in Utility bills - Understanding stormwater and the Environment.																						Update brochure
31*	City brochure - About the Mandatory purchase of Flood Insurance. Make available in the lobby and mail with flood zone determinations.	Check		Check		Check		Check		Check		Check		Check		Check		Check		Check		Check	
32	Home Depot - Hurricane Guide	Check		Check		Check										Check		Check		Check		Check	
33	Red Cross - Repairing your flooded home. Available in DPW and Engineering	Check		Check		Check		Check		Check		Check		Check		Check		Check		Check		Check	
34	Annual presentation on 50-50 rule, by Building Dept.																						
35	Joint LMS Presentations																						
36	Monthly Social Media messages (Sent by PIO)																						
37	Condo Owners Targeted Mailing																						
38	Flood Response Messages (As needed) (FRP#6)																						
NPDES	Produce & publish articles for City newsletter	Monthly graphic from flyer series		Monthly graphic from flyer series		Monthly graphic from flyer series		Monthly graphic from flyer series		Monthly graphic from flyer series		Monthly graphic from flyer series		Monthly graphic from flyer series		Monthly graphic from flyer series		Monthly graphic from flyer series		Monthly graphic from flyer series		Monthly graphic from flyer series	
NPDES	Advertise efforts for stormwater inlet marking program																						Send info to PIO

Item	Project	Oct	Done	Nov	Done	Dec	Done	January	Done	February	Done	March	Done	April	Done	May	Done	June	Done	July	Done	Aug	Done
NPDES	Stormwater inlet marking program																	Evaluate & Order materials		Schedule a date & Coordinate with volunteers.			
NPDES	Resident survey- City Newsletter	Design survey & send to PIO		Survey in newsletter																			
NPDES	Resident survey-City Website	Design survey & send to IT		Survey on website																			
NPDES	Resident survey- flyers in City Hall	Design survey		Place around City Hall																			
NPDES	There is No Poop Fairy - Flyers and signs																						
	* Have these available at the Annual Hurricane seminar in May																						

Hurricane Preparedness

- ☂ Know your evacuation zone, route and shelters
 - ☂ To find your zone, go to <https://ags2.scgov.net/knowyourzone/>
- ☂ Inventory and photograph your home and contents, and store with insurance and important documents in a safe place.
- ☂ Create a safety plan, with a checklist of steps to take before, during and after a hazard.
- ☂ Attend the annual City sponsored Hurricane Preparation seminar each May.
 - ☂ The program features hurricane experts, flood safety and information for property protection and personal safety.
 - ☂ The Date and Time of the seminar will be in the City's newsletter and on the City's website.

Protect Natural Floodplain Functions

- ☂ Floodplain areas along the coastal region and major drainage ways, such as Curry Creek and Hatchett Creek, benefit the natural water flow to provide major flood protection.
- ☂ It is important to keep all drainage areas free of debris to prevent flooding, improve water quality, and protect the natural function of the floodplain.
- ☂ Do not dump or throw anything into ditches, inlets or streams.
 - ☂ Dumping is a violation of City Code, Section 74-266. If you see someone dumping hazardous materials or debris in the ditches, inlets or streams, please contact James Clinch, Assistant City Engineer.
- ☂ Limit the use of fertilizers and pesticides as their runoff will pollute our waters.
 - ☂ All pesticides and hazardous materials should be disposed of at the Sarasota County Chemical Collection center, at 250 S. Jackson Rd., Wed – Sat, 8am-4pm.
- ☂ Always pick up after your pet. The waste may be flushed down the toilet or disposed of with the garbage.

Protect your property from the hazard

- ☂ Keep driveway culverts clean and free of obstructions.
 - ☂ It is the responsibility of property owners to keep pipes (culverts) under driveways clean and free of obstructions. Clogged driveway culverts can cause localized flooding.
- ☂ Make sure banks of ditches and streams near your property are clear of brush and debris. Silt fences keep our streams clean by preventing soil from entering our stormwater system. The City of Venice and Sarasota County have ditch maintenance programs to help remove major blockages such as downed trees.
 - ☂ Report broken silt fences and ditch blockages to Public Works Department at 941-486-2422.
- ☂ Retrofit your property
 - ☂ Re-grade the site or elevate the structure. (Permits are required)
- ☂ Elevate air handlers, electrical boxes and water heaters. (Permits are required).
- ☂ Make sure your downspouts are clear and directed away from the house.
- ☂ Mitigation grants are available
 - ☂ Financial assistance for flood mitigation through Federal grants may be available for home owners who meet the criteria of a repetitive loss building and wish to retrofit or elevate their home above the flood level.
 - ☂ Contact Kathleen Weeden, City Engineer, for more information. Or visit www.floridadisaster.org
- ☂ Get Expert advice
 - ☂ Contact James Clinch, Assistant City Engineer, to discuss your flooding concerns or schedule an appointment. A representative of the department will visit your property and offer advice on how to protect your property from the flood hazard. Although detailed engineering advice will not be offered, recommendations to reduce the flood risk will be provided. A detailed review by an independent professional may be necessary.



A message about Flood Protection Information For City of Venice Residents From Mayor John Holic April 2018

- ❖ Alerts give you time to prepare
- ❖ Flood watches provide up to 24 hours' notice
- ❖ Warnings mean a flood is imminent

**If your life
or the lives of others
are in imminent danger,
dial 911**

City Hall Tel# 941-486-2626
Kathleen J. Weeden, P.E., CFM, LEED®AP
City Engineer
Tel# 941-882-7409
James Clinch, P.E., CFM
Assistant City Engineer
Tel# 941-882-7410

Know your Flood Hazard

- ☔ Flooding in our city is caused primarily by two sources: storm surge and heavy rainfall.
- ☔ Insure your property for *YOUR* flood hazard
 - ☔ In areas along Hatchett Creek, Curry Creek, Deertown Gully, Flamingo Ditch, East Venice Ave., and coastal areas, floodwaters can cover streets and yards with little warning.
 - ☔ Even if your property has not flooded in the past, it is possible a future weather event may present a different outcome. Property located in a Special Flood Hazard Area (SFHA) or 100-year floodplain has a greater risk of flooding.
- ☔ Check to see if you live in the SFHA
 - ☔ Existing Federal Emergency Management Agency (FEMA) flood Insurance Rate maps (FIRMs) and other reference materials are available at the Venice Public Library, 260 Nokomis Ave. N., Venice.
 - ☔ The new Digital FIRMs are available online at <https://msc.fema.gov/portal>
 - ☔ If Elevation Certificates were required for your property when the permits were issued, copies of the certificate may be available from the Engineering Dept. at City Hall.
 - ☔ Visit www.floodsmart.gov for a risk evaluation.
- ☔ Flood Zone assistance is available at the Engineering Department.

General Preparedness

- ☔ Receive timely flood warnings
 - ☔ Go to www.venicegov.com and click on "Emergency Notification System" to register for the CodeRED® early warning notification system.
 - ☔ Tune into local TV and radio channels or purchase a weather alert radio.

Protect yourself from the hazard

- ☔ Do not walk through flowing flood-water; just 6 inches of moving water can knock you off your feet.
- ☔ Do not drive through flooded areas.
 - ☔ Obey road barriers.
 - ☔ Roads and bridges may be washed out.
- ☔ Stay away from power lines and electrical wires.
 - ☔ FPL restores power to critical facilities first.
- ☔ Have electricity turned off if property has been flooded.
 - ☔ Call FPL (800)-468-823, to request service.
 - ☔ Do not use appliances that have been in water.
- ☔ Watch your step.
 - ☔ Look out for animals and harmful insects in flood waters.
 - ☔ Fire ants and snakes will head to high ground.
- ☔ Be alert for gas leaks
 - ☔ Do not use open flames until you know the area has been ventilated.
- ☔ Do not enter a building that has been flooded until it has been cleared by an inspector.

Flood Education

- ☔ Teach children about flood safety so that they know your safety plan, and to avoid flooding dangers.
- ☔ Make sure all guests and occupants of your home know the safety plan for your family.

Build Responsibly

- ☔ Check with the City Building and Engineering Departments, at 941-486-2626, to see if a permit is needed before initiating construction or altering grades.
- ☔ Report un-permitted construction activities.

Elevated and Flood Vented Properties

- ☔ Keep flood vents open and unobstructed
- ☔ A non-Conversion statement is required, by the City Building Department, for areas below the required minimum finished floor elevation.

Buy Flood Insurance

- ☔ Standard Homeowner's Insurance policies do not cover damage from floods!
 - ☔ If your house is flooded and you do not have flood insurance, any damage below the waterline will not be covered by your homeowner's insurance policy. Verify, annually, that the policy limits are adequate.
 - ☔ Flood insurance covers all surface floods, even if a federal disaster is not declared.
 - ☔ If the cost to reconstruct, rehabilitate, or improve the property equals or exceeds 50% of the building's appraised value in a 10 year period, the building will have the same construction requirements as a new structure. This rule includes non-disaster improvements made to the building. Contact the Building Dept. regarding Substantial Improvements.
- ☔ Flood insurance discounts available; The City of Venice participates in the National Flood Insurance Program (NFIP), which allows federally funded flood insurance to be available to all residents, including those whose property has been flooded in the past.
- ☔ The City of Venice is currently rated a Class 6 in the Community Rating System (CRS).
 - ☔ Owners of property in the Special Flood Hazard Area (SFHA) within the City may receive up to 20% reduction in the cost of flood insurance premiums.
 - ☔ Owners of property within the City that is not in the SFHA can receive as much as an additional 10% reduction in flood insurance premiums through a preferred risk insurance policy.
- ☔ There is a 30 day waiting period before the NFIP takes effect. Contact your insurance agent about rates and coverage.
- ☔ If you do not have an insurance agent, contact the NFIP agent referral service at 888-379-9531 or visit www.floodsmart.gov for information.
- ☔ Buy Contents Insurance.

Hurricane Preparedness

- ☂ Know your evacuation zone, route and shelters
 - ☂ To find your zone, go to <https://ags2.scgov.net/knowyourzone/>
- ☂ Inventory and photograph your home and contents, and store with insurance and important documents in a safe place.
- ☂ Create a safety plan, with a checklist of steps to take before, during and after a hazard.
- ☂ Attend the annual City sponsored Hurricane Preparation seminar each May.
 - ☂ The program features hurricane experts, flood safety and information for property protection and personal safety.
 - ☂ The Date and Time of the seminar will be in the City's newsletter and on the City's website.

Protect Natural Floodplain Functions

- ☂ Floodplain areas along the coastal region and major drainage ways, such as Curry Creek and Hatchett Creek, benefit the natural water flow to provide major flood protection.
- ☂ It is important to keep all drainage areas free of debris to prevent flooding, improve water quality, and protect the natural function of the floodplain.
- ☂ Do not dump or throw anything into ditches, inlets or streams.
 - ☂ Dumping is a violation of City Code, Section 74-266. If you see someone dumping hazardous materials or debris in the ditches, inlets or streams, please contact James Clinch, Assistant City Engineer.
- ☂ Limit the use of fertilizers and pesticides as their runoff will pollute our waters.
 - ☂ All pesticides and hazardous materials should be disposed of at the Sarasota County Chemical Collection center, at 250 S. Jackson Rd., Wed – Sat, 8am-4pm.
- ☂ Always pick up after your pet. The waste may be flushed down the toilet or disposed of with the garbage.

Protect your property from the hazard

- ☂ Keep driveway culverts clean and free of obstructions.
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 - ☂ Report broken silt fences and ditch blockages to Public Works Department at 941-486-2422.
- ☂ Retrofit your property
 - ☂ Re-grade the site or elevate the structure. (Permits are required)
- ☂ Elevate air handlers, electrical boxes and water heaters. (Permits are required).
- ☂ Make sure your downspouts are clear and directed away from the house.
- ☂ Mitigation grants are available
 - ☂ Financial assistance for flood mitigation through Federal grants may be available for home owners who meet the criteria of a repetitive loss building and wish to retrofit or elevate their home above the flood level.
 - ☂ Contact Kathleen Weeden, City Engineer, for more information. Or visit www.floridadisaster.org
- ☂ Get Expert advice
 - ☂ Contact James Clinch, Assistant City Engineer, to discuss your flooding concerns or schedule an appointment. A representative of the department will visit your property and offer advice on how to protect your property from the flood hazard. Although detailed engineering advice will not be offered, recommendations to reduce the flood risk will be provided. A detailed review by an independent professional may be necessary.



A message about Flood Protection Information For City of Venice Residents From Mayor John Holic August 2018

- ❖ Alerts give you time to prepare
- ❖ Flood watches provide up to 24 hours' notice
- ❖ Warnings mean a flood is imminent

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City Hall Tel# 941-486-2626
Kathleen J. Weeden, P.E., CFM, LEED®AP
City Engineer
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James Clinch, P.E., CFM
Assistant City Engineer
Tel# 941-882-7410

Know your Flood Hazard

- ☔ Flooding in our city is caused primarily by two sources: storm surge and heavy rainfall.
- ☔ Insure your property for *YOUR* flood hazard
 - ☔ In areas along Hatchett Creek, Curry Creek, Deertown Gully, Flamingo Ditch, East Venice Ave., and coastal areas, floodwaters can cover streets and yards with little warning.
 - ☔ Even if your property has not flooded in the past, it is possible a future weather event may present a different outcome. Property located in a Special Flood Hazard Area (SFHA) or 100-year floodplain has a greater risk of flooding.
- ☔ Check to see if you live in the SFHA
 - ☔ Existing Federal Emergency Management Agency (FEMA) flood Insurance Rate maps (FIRMs) and other reference materials are available at the Venice Public Library, 260 Nokomis Ave. N., Venice.
 - ☔ The new Digital FIRMs are available online at <https://msc.fema.gov/portal>
 - ☔ If Elevation Certificates were required for your property when the permits were issued, copies of the certificate may be available from the Engineering Dept. at City Hall.
 - ☔ Visit www.floodsmart.gov for a risk evaluation.
- ☔ Flood Zone assistance is available at the Engineering Department.

General Preparedness

- ☔ Receive timely flood warnings
 - ☔ Go to www.venicegov.com and click on "Emergency Notification System" to register for the CodeRED® early warning notification system.
 - ☔ Tune into local TV and radio channels or purchase a weather alert radio.

Protect yourself from the hazard

- ☔ Do not walk through flowing flood-water; just 6 inches of moving water can knock you off your feet.
- ☔ Do not drive through flooded areas.
 - ☔ Obey road barriers.
 - ☔ Roads and bridges may be washed out.
- ☔ Stay away from power lines and electrical wires.
 - ☔ FPL restores power to critical facilities first.
- ☔ Have electricity turned off if property has been flooded.
 - ☔ Call FPL (800)-468-823, to request service.
 - ☔ Do not use appliances that have been in water.
- ☔ Watch your step.
 - ☔ Look out for animals and harmful insects in flood waters.
 - ☔ Fire ants and snakes will head to high ground.
- ☔ Be alert for gas leaks
 - ☔ Do not use open flames until you know the area has been ventilated.
- ☔ Do not enter a building that has been flooded until it has been cleared by an inspector.

Flood Education

- ☔ Teach children about flood safety so that they know your safety plan, and to avoid flooding dangers.
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A message about Flood Protection Information For Home Owners Associations From Mayor John Holic April 2018

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A message about Flood Protection Information For Repetitive Loss Area Residents From Mayor John Holic June 2018

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CITY OF VENICE

401 W. Venice Avenue, Venice, FL 34285

www.venicegov.com

(941) 486-2626 Fax (941) 480-3031

Date

Dear Local Insurance Agent:

Thank you for agreeing to advise your clients that purchasing flood insurance is a good idea. I am enclosing flood insurance brochure FEMA F-638, for you to distribute to your clients. If you would like additional copies please contact me at (941) 486-2626 ext. 25001 or kweeden@venicegov.com.

Together we can work to inform the public of the importance of flood dangers, protection and insurance.

Sincerely,

Kathleen J. Weeden, PE, CFM, LEED®AP
City Engineer



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Date

Dear Local Insurance Agent:

I am enclosing a copy of FEMA F-217, *The Benefits of Flood Insurance Versus Disaster Assistance*, to help you discuss flood insurance needs with your clients. If you would like additional copies to keep in your office, please contact me at (941) 486-2626 ext. 25001 or kweedon@venicegov.com.

Thank you for agreeing to help residents remain aware of their flood hazard by utilizing the Mapping Information Service provided by the City to the community. The Building Department is able to give information on flood zones, Base Flood Elevation (BFE), the extent of past flooding on a given property, and whether flood insurance is mandatory for a given property. The Building Department staff can visit your client's property to discuss flood protection alternatives, and copies of FEMA Elevation Certificates are available from the Engineering Department. Both the Building Department and Engineering Department are located in City Hall, 401 W. Venice Avenue, Venice, FL 34285 and can be reached by telephone at: (941) 486-2626.

Residents considering building, making an addition to their property or installing other flood protection measures should contact the Building Department to determine whether a building permit is required. Properties can be protected from hazards by ensuring that construction debris is kept out of streams, ditches and storm drains. The library also maintains reference materials pertaining to other flood protection techniques which may help minimize damage to their property. Basement flooding may can be minimized by checking that all downspouts are directed away from the house.

All residents should be aware that dumping in storm drains is a violation of City Code, Section 74-266. Dumping is harmful to our floodplains which are an extremely valuable, renewable resource, important to the economic welfare,

enjoyment, and physical well-being of all of our residents; floodplains provide natural flood storage and erosion control, and water quality maintenance as well as providing habitat and critical sources of energy for plants and animals.

As part of being informed about flood hazards, residents should also familiarize themselves with evacuation routes. These can be found in the Sarasota County annual Disaster Planning Guide, available in the library and at various other locations around the City, also on the Sarasota County website, at <http://sarasotagov.org/NDS/FloodMap.cfm>.

In order to receive flood and other emergency notifications, residents should sign up for codeRED alerts on the city website at <http://venicegov.com/>.

Prior to hurricane season, homeowners should talk about the dangers of flooding with all of the occupants of the home, including minors, and develop a disaster response plan. They may find the tools on the Red Cross website, at www.redcross.org, useful for this.

As a precaution, home owners should inventory and photograph the contents of their home, and put important papers and insurance policies in a safe place. This will help them with their insurance claims in the event that their home is flooded.

Together we can work to inform the public of the importance of flood dangers, protection and insurance.

Sincerely,

Kathleen J. Weeden, PE, CFM, LEED®AP
City Engineer



CITY OF VENICE

401 W. Venice Avenue, Venice, FL 34285

www.venicegov.com

(941) 486-2626 Fax (941) 480-3031

Floodplain Questionnaire, **Date**

Dear Venice Resident:

In order to better serve the community, the City is seeking information from residents in the floodplain. Please complete the following brief questionnaire and either mail to or drop off at the Engineering Department, City Hall, 401 W. Venice Ave, Venice, FL 34285, or complete the questionnaire on the City's website at <http://venicegov.com/>

If you have any questions or require additional information, please do not hesitate to contact me at 941-486-2626 ext. 25001.

Please return completed questionnaires by December 31st, 2018

Sincerely,

Kathleen J. Weeden, PE, CFM, LEED®AP
City Engineer

FLOODPLAIN QUESTIONNAIRE

1. What are the natural flood hazards in your neighborhood?

2. What problems do the natural flood hazards present to your neighborhood and your property?

3. What solutions would you propose?



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Date

Dear Local Real Estate Agent:

I am enclosing a copy of the City's flood hazard brochure, to help inform your clients of local flood hazards. If you would like additional copies to keep in your office, please contact Gillian Carney at (941) 882-7412 or GCarney@venicegov.com.

Thank you for agreeing to help residents remain aware of their flood hazard by utilizing the Mapping Information Service provided to the community by the City's Engineering and Building departments.

The Building Department is able to give information on flood zones, Base Flood Elevation (BFE), the extent of past flooding on a given property, and whether flood insurance is mandatory for a given property. The Building Department staff can also schedule a visit to your client's property to discuss flood protection alternatives.

FEMA Elevation certificates for many properties within the City of Venice can be found on the City's website at [XXXXX](#). Copies of FEMA Elevation Certificates are also available from the Engineering Department.

Both the Building Department and the Engineering Department are located in City Hall, 401 W. Venice Avenue, Venice, FL 34285 and can be reached by telephone at: (941) 486-2626.

Residents considering building, making an addition to their property, or installing other flood protection measures should contact the Building Department to determine whether a building permit is required. Properties can be protected from hazards by ensuring that construction debris is kept out of streams, ditches and storm drains. The library also

maintains reference materials pertaining to other flood protection techniques which may help minimize damage to their property. Basement flooding may can be minimized by checking that all downspouts are directed away from the house.

All residents should be aware that dumping in storm drains is a violation of City Code, Section 74-266. Dumping is harmful to our floodplains which are an extremely valuable, renewable resource, important to the economic welfare, enjoyment, and physical well-being of all of our residents; floodplains provide natural flood storage and erosion control, and water quality maintenance as well as providing habitat and critical sources of energy for plants and animals.

As part of being informed about flood hazards, residents should also familiarize themselves with evacuation routes. These can be found in the Sarasota County annual Disaster Planning Guide, available in the library and at various other locations around the City, also on the Sarasota County website, at <http://sarasotagov.org/NDS/FloodMap.cfm>.

In order to receive flood and other emergency notifications, residents should sign up for codeRED® alerts on the city website at <http://venicegov.com/>.

Prior to hurricane season, homeowners should talk about the dangers of flooding with all of the occupants of the home, including minors, and develop a disaster response plan. They may find the tools on the Red Cross website, at www.redcross.org, useful for this. They are also invited to attend the annual Citywide Hurricane Seminar held at City Hall each April.

As a precaution, home owners should inventory and photograph the contents of their home, and put important papers and insurance policies in a safe place. This will help them with their insurance claims in the event that their home is flooded.

Together we can work to inform the public of the importance of flood dangers, protection and insurance.

Sincerely,

Kathleen J. Weeden, PE, CFM, LEED®AP
City Engineer



Flood Hazard: Check Before You Buy

Coastal properties are subject to flooding and wind damage from hurricanes. FEMA Flood Insurance Rate Maps (FIRMs) show areas predicted to flood. To find out more about maps of flood-prone areas, check with the City of Venice Engineering Department at 941-486-2626 or visit us at 401 W. Venice Avenue.

However, flooding and other surface drainage problems can also occur well away from the coast. If you're looking at a property, it's a good idea to check out the possible flood hazard before you buy. Here's why:

- The force of moving water or waves can destroy a building.
- Slow-moving floodwaters can knock people off their feet or float a car.
- Even standing water can float a building, collapse basement walls, or buckle a concrete floor.
- Water-soaked contents, such as carpeting, clothing, upholstered furniture, and mattresses, may have to be thrown away after a flood.
- Some items, such as photographs and heirlooms, may never be restored to their original condition.
- Floodwaters are not clean: floods carry mud, farm chemicals, road oil, and other noxious substances that cause health hazards.
- Flooded buildings breed mold and other problems if they are not repaired quickly and properly.
- The impact of a flood - cleaning up, making repairs, and the personal losses - can cause great stress to you, your family, and your finances.

Floodplain Regulations: The City of Venice regulates construction and development in the floodplain to ensure that buildings will be protected from flood damage. Filling and similar projects are prohibited in certain areas. Houses substantially damaged by fire, flood, or any other cause must be elevated to or above the regulatory flood level when they are repaired. More information can be obtained from the City of Venice Building Department 941-486-2626.

Check for a Flood Hazard: Before you commit yourself to buying property, do the following:

- Ask the City of Venice Engineering Dept. at 941-486-2626 if the property is in a floodplain; if it has ever been flooded; what the flood depth, velocity, and warning time are; if it is subject to any other hazards; and what building or zoning regulations are in effect.
- Ask the real estate agent if the property is in a floodplain, if it has ever been flooded, and if it is subject to any other hazards, such as sewer backup or subsidence.
- Ask the seller and the neighbors if the property is in a floodplain, how long they have lived there, if the property has ever been flooded, and if it is subject to any other hazards.

Flood Protection: A building can be protected from most flood hazards, sometimes at a relatively low cost. New buildings and additions can be elevated above flood levels. Existing buildings can be protected from shallow floodwaters by regrading, berms, or floodwalls. There are other retrofitting techniques that can protect a building from surface or subsurface water.

Flood Insurance: Homeowners insurance usually does not include coverage for a flood. One of the best protection measures for a building with a flood problem is a flood insurance policy under the National Flood Insurance Program, which can be purchased through any licensed property insurance agent. If the building is located in a floodplain, flood insurance will be required by most federally backed mortgage lenders. Ask an insurance agent how much a flood insurance policy would cost.

Information provided by:
City of Venice Engineering Department
401 W. Venice Avenue
Venice, FL 34285
941-486-2626



CITY OF VENICE

401 W. Venice Avenue, Venice, FL 34285

www.venicegov.com

(941) 486-2626 Fax (941) 480-3031

Date

INFORMATION FOR RESIDENTS ON FLOOD MAPS FOR THE CITY OF VENICE

- Current and historical FEMA Flood Insurance Rate Maps are available in the reference section of the library, along with other FEMA publications and brochures.
- Official FEMA maps may be accessed online at <https://msc.fema.gov/portal>
- Residents may also view find information on the prospective new flood maps by visiting the SWFWMD website at: <http://www.swfwmd.state.fl.us/projects/wmp/disclaimer.php> or by calling the Southwest Florida Water Management District at 1-800-423-1476.

INFORMATION FOR RESIDENTS ON THE codeRED® EMERGENCY WARNING SYSTEM

- A test of the City of Venice CodeRED® emergency alert system will take place **DATE** Venice residents signed up to receive emergency alerts through the City of Venice Code Red system will receive a recorded message on Friday as part of this test.
- If you are a city of Venice resident and wish to sign up for CodeRED® alerts, you may visit www.venicegov.com, scroll down to the bottom of the page, click on Emergency Notification, and sign up to receive the alerts.
- If you do not have access to a computer and wish to be registered for CodeRED® alerts please call City Hall at 941-486-2626.

If you need additional information, please contact Kathleen Weeden at 941-882-7409 or kweeden@venicegov.com

Appendix F

Flood Response Plan

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**City of Venice Flood Response Projects
 Schedule and Outreach**

In addition to the following, the City also shares flood response messages from Sarasota County Emergency, Management.

FRP Project #	Project	When to disseminate		
		Before a flood event	During a flood event	After a flood event
FRP #1	Citywide Hurricane Seminar	X		
FRP #2	FEMA F-684 (Flood Preparation and Safety) in City Hall, Engineering Dept. & Library	X	X	
FRP #3	FEMA F-777 (Build Back Safer and Stronger) in City Hall, Engineering Dept. & Library			X
FRP #4	City Website	X	X	X
FRP #5	Forwarded Sarasota County Social media messages about flood threats and levels (Twitter, FB)	X	X	X
FRP #6	Response Plan Message Templates	X	X	X

Messages (FRP #8)

Timing	Message #	Message	Graphics	Delivered via
Before	1	A Flood watch remains in effect until tonight because of	1, 1a, 5, 8, 8a, 2, 2a, 4, 4a, 6, 6a	News media Social media
Before	2	Attention Boaters: Please make sure your vessels are secured to boat lifts/docks. Remember to turn off power to lift, and make sure no power lines are in the water.		News media Social media
Before	3	Make an emergency plan for your business	3	Social Media
Before	4	Make an emergency plan for your family	7, 9, 10	Social Media

Timing	Message #	Message	Graphics	Delivered via
During	5	The following roads in the city are seeing street flooding. The City of Venice requests that you avoid the following areas if possible:	2, 2a, 4, 4a, 6, 6a, 11, 12	News media Social media
During	6	Sarasota County Parks & Recreation has closed Venice Myakka River Park, 7501 Laurel Rd. E., due to river flooding. The Myakka has risen to the point that walkways are under water and there is no safe access to the floating dock. Staff locked the gate this morning and posted a sign to help visitors understand why the park has been closed.		News media Social media
During	7	Do not walk or drive through flooded streets; You don't know what dangers are lurking in the water, and it only takes 6 inches of water to cause problems for some vehicles. Remember to "Turn Around, Don't Drown."	2, 2a, 4, 4a, 6, 6a, 11, 12	News media Social media
During	8	The parking lot north of the Venice Fishing Pier is seeing severe flooding, please avoid the area.	1, 1a	News media Social media
During	9	The South Jetty walkway is: <ul style="list-style-type: none"> - Open but is being closely monitored. - Closed until further notice 	1, 1a	News media Social media
During	10	Conserve water! The City of Venice Utilities Dept. requests that all residents within the City limit conserve their use of water, and reduce the amount of toilet flushes as possible during, this rain event. Our crews are working diligently to ensure continued service to our residents.		CodeRed Social Media
During	11	Conserve water! The City's sewer system is being affected by large volumes of water entering the system via multiple sources. To help reduce the burden on the city's facilities, please minimize toilet flushing, doing laundry, and other activities that contribute to the sewer system flows.		CodeRed Social Media
During	12	The City of Venice advises that sand, bags and shovels are available at the following locations for those needing to fill sandbags to protect their property:		CodeRed Social media
After	13	The flood event is over and it's safe to return home, but check for the following...	14, 14a, 15, 15a, 13	Social media News media

Procedure

Media Outlets (emailed to, by City of Venice PIO):

Outlet	Contact Name	Email	Tel#
Herald Tribune			
Venice Gondolier			

Social Media Outlets (Posted to by City of Venice PIO):

Facebook account - [Venice, Florida Municipal Government](#)

City of Venice Twitter account - [City of Venice, FL](#)





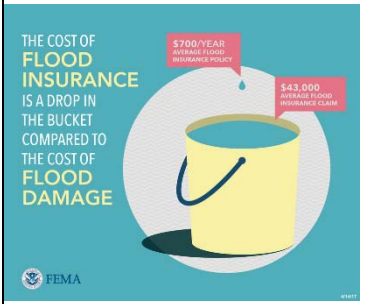
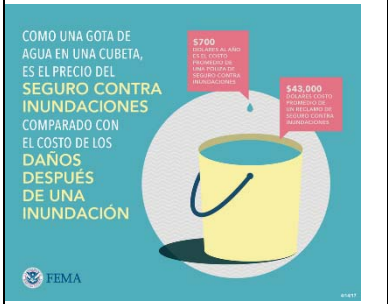
CodeRed®

Messages posted to CodeRed® system by the IT department and the PIO.

Source: <https://www.fema.gov/media-library/multimedia/collections/488>

Graphics to be used

Before			
	1	2	2a Sp
Before			
	3	4	4a Sp

<p>After</p>			
	13	14	14a Sp
<p>After</p>			
		15	15a Sp

FRP Outreach Project Worksheet													
	Outreach Projects	Target Group #	Points per Topic	Topics Covered									
				1	2	3	4	5	6	7	8	9	10
				Know Your Hazard	Buy Flood Insurance	Protect People from the Hazard	Protect Property from the Hazard	Build Responsibly	Protect Natural Floodplain Functions	Hurricane Preparedness	General Preparedness	Elevated and Flood-Vented Properties	Flood Education
FRP#1	Citywide Hurricane Seminar (OP#9)		1		X								
FRP#2	FEMA F-684 (Flood Preparation Safety)		1		X								
FRP#3	FEMA F-777 (Build back Safer & Stronger)		1		X								
FRP#4	City Website (OP#4)		1	X	X	X	X	X	X	X	X	X	X
FRP#5	Forwarded Sarasota County Social Media Messages		1		X								
FRP#6	FRP Message Templates		1		X			X					

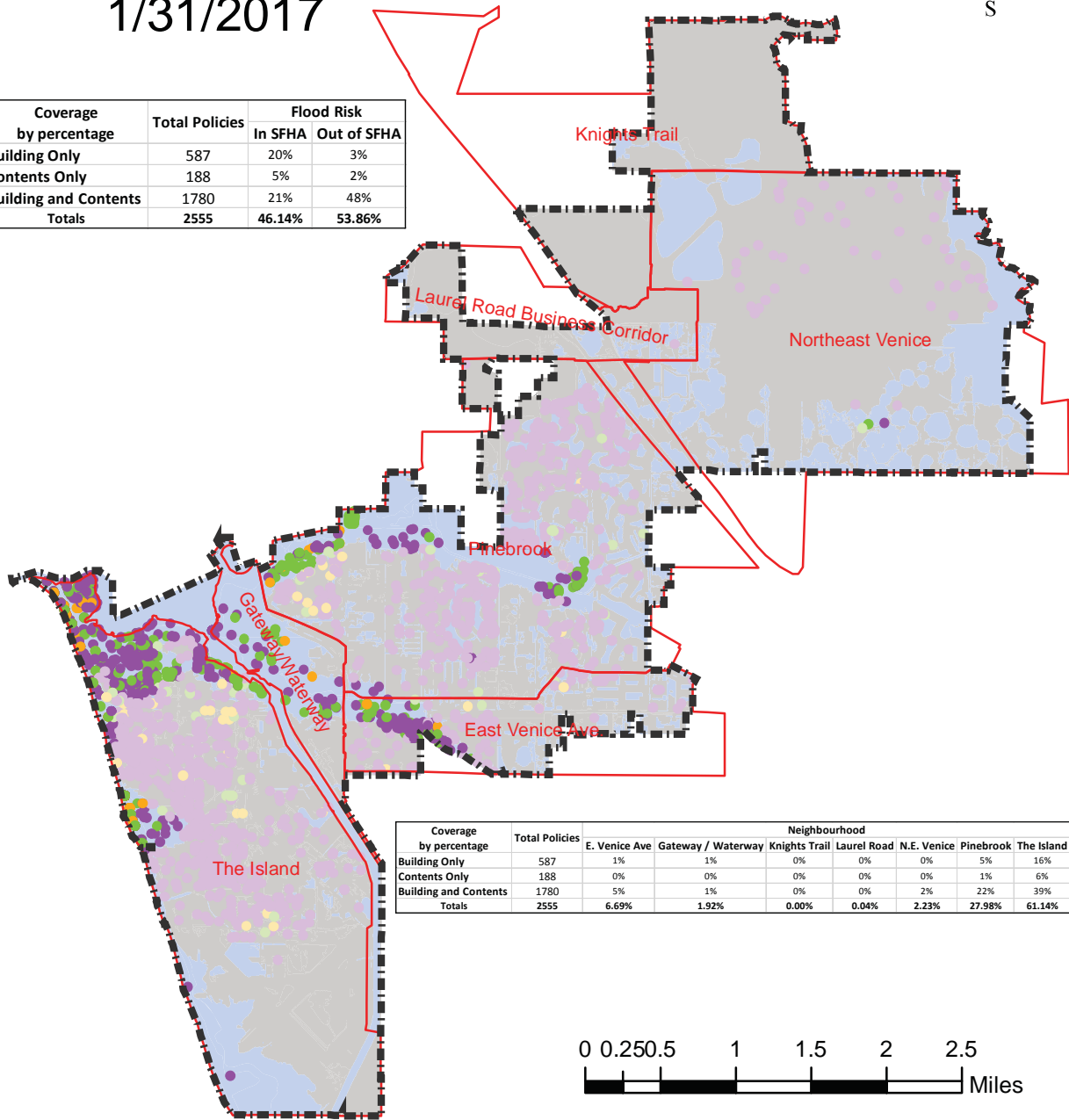
Appendix G

Flood Insurance Analysis

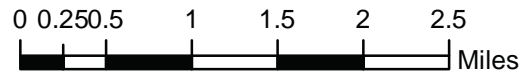
City of Venice Insurance Coverage 1/31/2017



Coverage by percentage	Total Policies	Flood Risk	
		In SFHA	Out of SFHA
Building Only	587	20%	3%
Contents Only	188	5%	2%
Building and Contents	1780	21%	48%
Totals	2555	46.14%	53.86%



Coverage by percentage	Total Policies	Neighbourhood							
		E. Venice Ave	Gateway / Waterway	Knights Trail	Laurel Road	N.E. Venice	Pinebrook	The Island	
Building Only	587	1%	1%	0%	0%	0%	5%	16%	
Contents Only	188	0%	0%	0%	0%	0%	1%	6%	
Building and Contents	1780	5%	1%	0%	0%	2%	22%	39%	
Totals	2555	6.69%	1.92%	0.00%	0.04%	2.23%	27.98%	61.14%	



Legend

- | | | |
|---------------|----------------------------------|---------------------------------|
| City Boundary | Coverage | Building and Contents - in SFHA |
| Neighborhoods | Building Only - Non SFHA | Contents Only - Non SFHA |
| SFHA | Building Only - in SFHA | Contents Only - in SFHA |
| Non SFHA | Building and Contents - Non SFHA | |

Flood Insurance Analysis City of Venice, 2017

Insurance coverage based on active flood insurance policies within the City of Venice. Derived from information received from Janice Mitchell, ISO/FEMA, May 2017, with 1/31/2017 data.

Insurance Coverage - by Flood Risk					
Coverage	Total Policies	Policies		Percentage	
		In SFHA	Non SFHA	In SFHA	Non SFHA
Building Only	587	506	81	19.80%	3.17%
Contents Only	188	131	57	5.13%	2.23%
Building and Contents	1780	542	1238	21.21%	48.45%
Totals	2555	1179	1376	46.14%	53.86%

Coverage by Percentage	Total Policies	Neighborhood						
		E. Venice Ave.	Gateway/Waterway	Knights Trail	Laurel Rrad	N.E. Venice	Pinebrook	The Island
Building Only	587	1%	1%	0%	0%	0%	5%	16%
Contents Only	188	0%	0%	0%	0%	0%	1%	6%
Building and Contents	1780	5%	1%	0%	0%	2%	22%	39%
Totals	2555	6.69%	1.92%	0.00%	0.04%	2.23%	27.98%	61.14%

Insurance coverage based on active flood insurance policies within the City of Venice. Derived from information received from Janice Mitchell, ISO/FEMA, May 2017, with 1/31/2017 data.

SFHA (Non Condo)										
Neighborhood	Total Buildings in neighborhood	Non-Condos in SFHA	Total Policies in Non-Condos in SFHA in Neighborhood	Building Only Policies	Contents Only Policies	Building & Contents Policies	Buildings with No Insurance Coverage	Total Non-Condo Units in SFHA in Neighborhood	Units with No Insurance Coverage	% of Units with No Insurance Coverage
E. Venice Ave.	1226	179	79	18	1	60	100	242	158	65%
Gateway / Waterway	636	473	33	11	1	21	440	568	537	95%
Knights Trail	79	4	0	0	0	0	4	4	0	0%
Laurel Road	43	2	0	0	0	0	2	2	0	0%
N.E. Venice	1094	1	0	0	0	0	5	1	1	100%
Pinebrook	4688	485	50	7	0	43	435	548	494	90%
The Island	4058	694	217	42	3	172	477	809	592	73%
Total	11824	1838	379	78	5	296	1463	2174	1782	

Non-SFHA (Non Condo)										
Neighborhood	Total Buildings in neighborhood	Non-Condos in Non-SFHA	Total Policies in Non-Condos in Non-SFHA in Neighborhood	Building Only Policies	Contents Only Policies	Building & Contents Policies	Buildings with No Insurance Coverage	Total Non-Condo Units in Non-SFHA in Neighborhood	Units with No Insurance Coverage	% of Units with No Insurance Coverage
E. Venice Ave.	1226	827	56	1	1	54	771	1343	1287	96%
Gateway / Waterway	636	127	1	0	0	1	126	239	238	100%
Knights Trail	79	61	0	0	0	0	61	66	66	100%
Laurel Road	43	41	1	0	0	1	40	61	60	98%
N.E. Venice	1094	1080	35	0	0	35	1045	1054	1019	97%
Pinebrook	4688	3528	401	7	0	394	3127	3776	3377	89%
The Island	4058	2988	472	7	8	457	2516	4191	3706	88%
Total	11824	8652	966	15	9	942	7686	10730	9753	

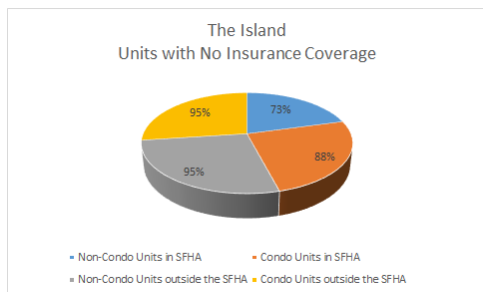
Insurance coverage based on active flood insurance policies within the City of Venice. Derived from information received from Janice Mitchell, ISO/FEMA, May 2017, with 1/31/2017 data.

SFHA (Condo)										
Neighborhood	Total Buildings in neighborhood	Condos in SFHA	Total Policies in Condos in SFHA in Neighborhood	Building Only Policies	Contents Only Policies	Building & Contents Policies	Buildings with No Insurance Coverage	Total Condo Units in SFHA in Neighborhood	Units with No Insurance Coverage	% of Units with No Insurance Coverage
E. Venice Ave.	1226	5	3	0	2	1	2	26	21	81%
Gateway / Waterway	636	33	1	0	1	0	32	67	66	99%
Knights Trail	79	0	0	0	0	0	0	0	0	0%
Laurel Road	43	0	0	0	0	0	0	0	0	0%
N.E. Venice	1094	0	0	0	0	0	0	0	0	0%
Pinebrook	4688	209	51	30	5	16	158	760	640	84%
The Island	4058	183	59	7	4	48	124	1914	1820	95%
Total	11824	430	114	37	12	65	316	2767	2547	

Non-SFHA (Condo)										
Neighborhood	Total Buildings in neighborhood	Condos in Non-SFHA	Total Policies in Condos in Non-SFHA in Neighborhood	Building Only Policies	Contents Only Policies	Building & Contents Policies	Buildings with No Insurance Coverage	Total Condo Units in Non-SFHA in Neighborhood	Units with No Insurance Coverage	% of Units with No Insurance Coverage
E. Venice Ave.	1226	215	9	1	0	8	206	813	798	98%
Gateway / Waterway	636	3	0	0	0	0	3	36	36	100%
Knights Trail	79	14	0	0	0	0	14	121	121	100%
Laurel Road	43	0	0	0	0	0	0	0	0	0%
N.E. Venice	1094	14	3	0	0	3	11	53	50	94%
Pinebrook	4688	466	85	5	8	72	381	1848	1752	95%
The Island	4058	193	48	4	3	41	145	1372	1310	95%
Total	11824	905	145	10	11	124	760	4243	4067	

City of Venice Neighborhoods

The “Island” Neighborhood



Overview

The “Island” Neighborhood includes the most diverse range of land use and activities within the City, as a whole, including residential, commercial/office, parks and recreational facilities, civic spaces, and the City’s primary governmental center – Venice City Hall.

The Island encompasses a full range of housing options including traditional single family residences up to higher density, multi-family buildings.

Existing Land Use:

The Island Neighborhood encompasses approximately 2,844.6 acres (gross acreage) or approximately 27.2 percent of the total City size (area) including roads/rights-of-way.

Based on information obtained in 2016 from the Sarasota County Property Appraiser’s Office, there are approximately:

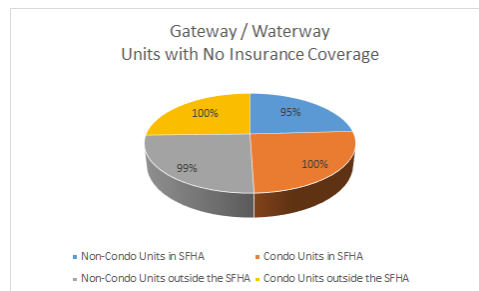
7,297 residential units (single family detached, single family attached, multifamily/ condominium), and 3,669,309 square feet of non-residential uses (commercial, office, civic, professional).

The “Gateway/Waterway” Neighborhood

Overview

The “Gateway/Waterway” Neighborhood (“Gateway”) serves as the northern gateway for a number of areas including the Gateway, Pinebrook and also the East Venice Avenue neighborhoods.

The Gateway includes a broad mix of commercial, industrial and limited residential uses.



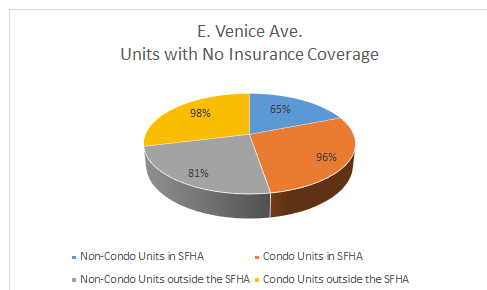
Existing Land Use

The Gateway Neighborhood encompasses approximately 433.7 acres (gross acreage) or approximately 4.1 percent of the total City size (area) including roads/rights-of-way.

Based on information obtained in 2016 from the Sarasota County Property Appraiser’s Office, there are approximately:

857 residential units (single family detached, single family attached, multifamily/ condominium), and 1,718,203 square feet of non-residential uses (commercial, office, civil, professional).

The East Venice Avenue Neighborhood



Overview

The East Venice Avenue Neighborhood is a predominately residential area with significant commercial activity along Venice Avenue and serves as an eastern gateway into the City.

Existing Land Use

The East Venice Ave Neighborhood encompasses 637 acres (gross acreage) or approximately 6.1 percent of the total City size (area) including roads/rights-of-way.

Based on information obtained in 2016 from the Sarasota County Property Appraiser’s Office, there are approximately:
1,782 residential units (single family detached, single family attached, multifamily/ condominium)
863,091square feet of non-residential uses (commercial, office, civic, professional).

The Pinebrook Neighborhood

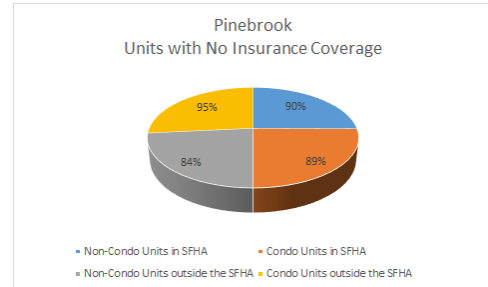
Overview

The Pinebrook Neighborhood lies east of 41 Bypass, north of E Venice Avenue, south of Laurel Road and to the west of I-75.

A key feature to this neighborhood are the City parks including Wellfield, Pinebrook Park, and the Curry Creek Preserve.

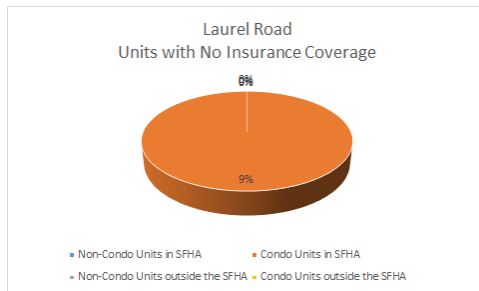
Existing Land Use

The Pinebrook Neighborhood encompasses approximately 2,365 acres (gross acreage) or approximately 22.6 percent of the total City size (area) including roads/rights-of-way.



Based on information obtained in 2016 from the Sarasota County Property Appraiser’s Office, there are approximately (within the City):
6,941 residential units (single family detached, single family attached, multifamily/ condominium), and includes the Bay Indies Mobile Home Park and Ridgewood Mobile Home Park.
362,628 square feet of non-residential uses (commercial, office, civic, professional).

The “Laurel Road” Neighborhood



Overview

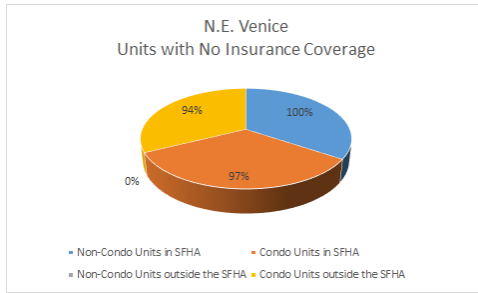
The “Laurel Road” Neighborhood serves as a gateway from Interstate 75 to a number of neighborhoods including Knight’s Trail, Northeast Venice, and Pinebrook. This predominantly undeveloped neighborhood has experienced sporadic non-residential development initially in the eastern portions of the Neighborhood. The commercial uses within this Neighborhood were initially considered to serve the needs of the Knight’s Trail (Triple Diamond Industrial Park) and Laurel Road residential communities.

Existing Land Use

The Laurel Road Neighborhood encompasses approximately 628 acres (gross acreage) or approximately 6.0 percent of the total City size (area) including roads/rights-of-way.

Based on information obtained in 2016 from the Sarasota County Property Appraiser’s Office, there are approximately:
17 residential units (single family detached, single family attached, multifamily/ condominium), and
146,624 square feet of non-residential uses (commercial, office, civic, professional).

The Northeast Venice Neighborhood



Overview

The Northeast Venice Neighborhood is the largest of the neighborhoods (land area) and generally includes all of the residential areas east of Interstate 75 extending to the Myakka River

Existing Land Use

The Northeast Venice Neighborhood encompasses approximately 2,746 acres (gross acreage) or approximately 26.2 percent of the total City size (area) including roads/rights-of-way.

Based on information obtained in 2016 from the Sarasota County Property Appraiser’s Office, there are approximately:

1,647 residential units (single family detached, single family attached, multifamily/ condominium), and 67,423 square feet of non-residential uses (commercial, office, civic, professional).

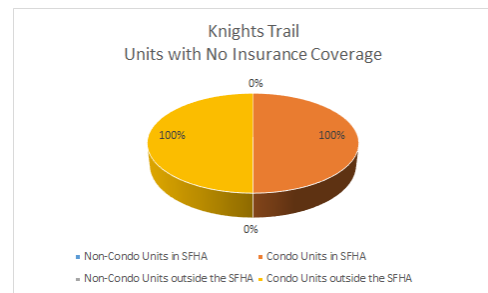
The Knights Trail Neighborhood

Overview

The Knights Trail Neighborhood is predominately industrial, situated East of I-75 and along Knights Trail Rd.

Existing Land Use

The Knights Trail Neighborhood encompasses approximately 817 acres (gross acreage) or approximately 7.8 percent of the total City size (area) including roads/rights-of-way.



Based on information obtained in 2016 from the Sarasota County Property Appraiser’s Office, there are approximately:

3 residential units (single family detached, single family attached, multifamily/ condominium), and 1,381,705 square feet of non-residential uses (industrial, commercial, office, civic, professional).

FIA Summary

As of January 2017, the most recent data from FEMA/ISO indicates that there are 2555 flood insurance policies written for the 11824 buildings, 19914 units, within the City of Venice. Within the SFHA, 19.8% of these policies cover building only, 5.13% cover contents only, and 21.21% cover both building and contents. Outside of the SFHA, 3.17% of these policies cover building only, 2.23% cover contents only, and 48.45% cover both building and contents.

Neighborhood Overview and Existing Land Use information is taken from the City of Venice draft Comprehensive Plan, July 2017.

Approximately 50% of buildings in the city, whether in or outside the SFHA, have some sort of flood insurance coverage. Ranking the neighborhoods by percentage of units with no insurance coverage, indicates that the neighborhoods in order of most concern are: Gateway, Pinebrook, The Island, E. Venice Ave, Knights Trail, N.E. Venice and, finally, Laurel Rd. However, it is important to note that the units lacking in Gateway and Pinebrook are primarily non-residential, and many residences in the Island neighborhood were purchased with cash.

Recommendations

It is recommended that the City conduct more neighborhood presentations, and suggested that PPI materials be reviewed annually against the most current FIA to determine whether target groups should include Non-residential, non-condo and condo, both in and outside the SFHA, also whether social media may be used more effectively.