

2016 City of Destin Annual Progress Report Local Mitigation Strategy and Community Rating System

Introduction

In 2011, Okaloosa County and all its municipalities adopted a substantially revised version of the Local Mitigation Strategy (LMS). The new LMS was found in compliance by the Florida Division of Emergency Management in April 2011, and by the Federal Emergency Management Agency in May 2011. By July 2011, all the municipalities as well as the County had passed ordinances or resolutions adopting the 2011 LMS. Because it includes a comprehensive analysis of the County's and municipalities' floodplain areas and floodplain management strategies, as well as analyses of all other hazards by which the County is threatened, the LMS serves as the County's and participating municipalities' Hazard Mitigation Plan as provided in Section 510 of the Community Rating System (CRS) Coordinator's Manual.

This Annual Report is structured to comply with the requirements of CRS Activity 510 reporting criteria as provided on pages 510-30 and 510-31 of the National Flood Insurance Program Community Rating System Coordinator's Manual, FEMA publication FIA-15/2007.

Annual Report Preparation, Submittal to Governing Bodies, Release to Media, and Public Availability

This annual report was prepared internally by the City of Destin Community Development Department and has been submitted to the governing body.

For credit under the Community Rating System, this Annual Report must be distributed to the media and be made available to the public. To this end, it is being sent to the Destin Log, and copies of this Report are available for review or download online at the Local Mitigation Strategy (LMS) link in the Community Development portion of the City Website, and may be viewed or obtained in hard copy at the Community Development Department's offices located at 4100 Indian Bayou Trail, Destin, Florida 32541. The entire 2011 LMS, as amended, may also be accessed via the Growth Management portion of the Okaloosa County website or at the County Growth Management office locations.

Revisions to Local Mitigation Strategy

Okaloosa County staff developed a new project ranking criteria in which to evaluate projects based on how well they meet requirements of the Community Rating System, and if they consider environmental impacts, possible funding sources, community benefits, and loss of life prevention. An explanation of the ranking criteria accompanies the ranking criteria Excel spreadsheet to help explain how the point system awards numerical values to each project.

New projects have been submitted by the City of Destin as a result of the floods in April 2014:

Installation of stormwater swales and retention for Sandalwood Drive, Calhoun Avenue, the Joe's Bayou area, the Kelly Street area, the Maltezos Street area, and in the Indian Bayou subdivision.

The following projects have been completed:

Installed a substantial stormwater pump, with generator backup, to alleviate chronic flooding and repetitive loss in the Heritage Run subdivision area.

The following projects have been removed from the attached project list:

None.

Status of LMS Goals and Objectives

At this time, much of the work identified in the LMS is ongoing.

The Goals and Objectives (the statements under each Goal), provide the broad range of what is to be accomplished during the five-year planning period from 2011 through 2016 by the LMS Steering Committee. Since Action Items are, for the most part, ongoing activities – such as implementation of the Florida Building Code, Floodplain Management practices, etc. – that are undertaken as part of the County’s and municipalities’ day-to-day operations, their status is ongoing. Projects, on the other hand, may be part of on-going, programmatic activities (such as, for example, installing generators to supply emergency power at key infrastructure) or major, one-time (or at least very long term) upgrades of facilities such as the replacement of culverts and swale system in Indian Bayou subdivision. **At the time of this 2016 Annual Report, all of the Goals and Objectives are being met**, and projects have been completed as noted, above.

2016 LMS Projects

Appendix E of the LMS (Attachment “A” hereto) shows the current list of LMS projects as approved by the LMS Committee. This list also provides the **status** of each project, and states the reason (typically lack of funds) for any projects for which action has been deferred. It should be noted that a grant was received by the City of Destin through National Fish and Wildlife Foundation’s Gulf Environmental Benefit Fund which was provided as a result of a settlement of the Deep Horizon oil spill. The grant funding was specifically earmarked for substantial completion of stormwater swale and retention projects listed as “New Projects,” above, which will improve water quality with the additional benefit of mitigating significant flooding issues in those areas. As of this writing, bids are being solicited and contracts are being approved for the projects, and the City anticipates that they will be fully executed in the near future.

New Projects, Revised Recommendations, or City Projects not in the LMS with CRS Implications

In the upcoming budget year, the City plans to update its stormwater master plan. Additional projects include an engineering analysis for flooding on 2nd Street, upgrading the storm system at Main Street/Indian Trail, lining the hydrodynamic separator on Gulf Shore Drive, replacing old corrugated metal pipe on Chickasaw Way, and replacing the drainage system at the pedestrian tunnel on Scenic Highway 98.

PRIORITY	NAME OF PROJECT	YEAR SUBMITTED	PROJECT DESCRIPTION	HAZARDS MITIGATED	MITIGATION GOALS ACHIEVED	FUNDING SOURCE	MATCH (if Applicable)	JURISDICTION	AGENCY RESPONSIBLE FOR IMPLEMENTATION	ESTIMATED COST	PROJECT STATUS		IF DEFERRED, WHY	TIMEFRAME FOR COMPLETION	MITIGATE NEW OR EXISTING	BENEFICIARY	HIGP ELIGIBLE
											NEW	DELETED					
15h	Upgrade retaining wall - Lions Park	2014	Install 120 linear feet of upland retaining wall along the remaining unprotected slope line at Lions Park	Bench Erosion, and Storm Surge	yes	City of Niceville		City of Niceville	City of Niceville - Public Works Dept.	\$12,000.00		X	No Funding	6 months	Existing	City of Niceville	Y
16a	Water distribution location valves	2011	Installation of water distribution isolation valves to preserve water quality during storm surge and system deaeration for any reason	Hurricane & Tropical Storms; Flood; Severe Storms; Erosion and Storm Surge	yes	City of Valparaiso		City of Valparaiso	City of Valparaiso - Public Works Dept	\$150,000.00		X	No Funding	1 year	Existing	City of Valparaiso	Y
16b	Relocation, elevation, or acquisition	2014	various locations throughout unincorporated Okaloosa county which frequently flood.	Hurricane & Tropical Storms; Flood; Severe Storms; Erosion and Storm Surge	yes	Okaloosa County		Okaloosa County	Okaloosa County	\$2,000,000.00 +		X	No Funding	1 year	Existing	Okaloosa County	Y
17a	New Public Works Maintenance Yard	2010	Construct new public works maintenance garage in accordance with Florida Building Codes	Hurricane & Tropical Storms; Flood; and Severe Storms	yes	City of Valparaiso		City of Valparaiso	City of Valparaiso - Public Works Dept	\$750,000.00		X	No Funding	18 months	New	City of Valparaiso	Y
17b	Wind Retrofit of Golf Course Clubhouse & Gateway Backstop Emergency Operation Center	1009	The Golf Course Clubhouse does not currently meet the 140 mph wind code for building construction.	Hurricane & Tropical Storms; Flood; and Severe Storms	Structural Soundness of Existing Local Government Centers	City of Fort Walton Beach		City of Fort Walton Beach	City of Fort Walton Beach - Public Works Dept.	\$100,000.00		X	No Funding	6 months	Existing	City of Fort Walton Beach	Y
18a	Redesign of stormwater culvert on Brewer Circle	2014	Redesign and replace stormwater culvert behind 142 - 102 Brewer Circle	Hurricane & Tropical Storms; Flood; and Severe Storms	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther - Public Works	\$300,000.00		X	No Funding	6 months	Existing	City of Mary Esther	Y
18b	Brewer Circle Concrete Culvert	2013	Redesign and replace stormwater culvert	Flood; Hurricane/Tropical Storm	no	City of Mary Esther		City of Mary Esther	City of Mary Esther	\$350,000.00		X	No Funding	120 days	Existing	City of Mary Esther	
19a	Stormwater Infiltration on Brande Court & Mande Court	2014	redesign and replace the existing stormwater drainage system for both streets	Hurricane & Tropical Storms; Flood; and Severe Storms	yes	Town of Shelburne		Town of Shelburne	Town of Shelburne	\$30,000.00		X	No Funding	6 months	Existing	Town of Shelburne	Y
19b	County Wide Wind Retrofit	2011	Hardening of conventional homesite challenges to meet current NBC wind requirements	All Hazards	yes	ALL Jurisdictions	25% Private	All Jurisdictions	All Jurisdictions	\$3,000,000.00		X	No Funding	1 year	Existing	All Jurisdictions	Y
20	Roof replacement Carver Hill Administration Complex	2014	replacing the roof over the meeting room and treasurer at Carver Hill Administration Complex	All hazards	yes	Okaloosa County School Board		Okaloosa County School Board	Okaloosa County School Board - Facilities Dept.	\$500,000.00		X	No Funding	6 months	Existing	All Jurisdictions	Y
REMOVED PROJECTS																	

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											NEW	COMPLETED DELETED DEFERRED					
13g	Stormwater drainage repair at Strawberry Blvd	2014	Repair & replace underground stormwater infrastructure and right-of-way erosion	Hurricane & Tropical Storm, Severe Storms and Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther - Public Works	\$12,650.00		X	No Funding	60 days	Existing	City of Mary Esther	Y
13h	Stormwater drainage repairs on North Street	2014	Repair and replace stormwater inlets and fences encompassing the stormwater detention pond on North Street	Hurricane & Tropical Storm, Severe Storms and Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther - Public Works	\$33,000.00		X	No Funding	90 days	Existing	City of Mary Esther	Y
13i	Stormwater drainage repairs on Cassell Circle	2014	Repair & replace underground stormwater infrastructure and right-of-way erosion	Hurricane & Tropical Storm, Severe Storms and Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther - Public Works	\$11,050.00		X	No Funding	1 year	Existing	City of Mary Esther	Y
13j	Right-of-way erosion repair on N. Lorrate Drive	2014	Repair right-of-way due to erosion	Hurricane & Tropical Storm, Severe Storms and Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther - Public Works	\$8,725.00		X	No Funding	6 months	Existing	City of Mary Esther	Y
13k	Stormwater drainage repairs on S. Lorrate Drive	2014	Repair & replace underground stormwater pipes & inlets at intersections along S. Lorrate Drive	Hurricane & Tropical Storm, Severe Storms and Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther - Public Works	\$387,300.00		X	No Funding	1 year	Existing	City of Mary Esther	Y
13l	Stormwater drainage repairs on Sussex Road	2014	Repair & replace underground stormwater infrastructure and grade ditch on Sussex Road	Hurricane & Tropical Storm, Severe Storms and Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther - Public Works	\$50,250.00		X	No Funding	6 months	Existing	City of Mary Esther	Y
13m	Stormwater drainage repairs at Page Bicon & John Lane	2014	Repair & replace underground stormwater infrastructure	Hurricane & Tropical Storm, Severe Storms and Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther - Public Works	\$81,200.00		X	No Funding	6 months	Existing	City of Mary Esther	Y
13n	Stormwater drainage repairs at Dawn Lane & Emory Drive	2014	Repair & replace underground stormwater pipes & inlets at intersection of Dawn Lane and Emory Drive	Hurricane & Tropical Storm, Severe Storms and Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther - Public Works	\$236,653.00		X	No Funding	1 year	Existing	City of Mary Esther	Y
14a	Portable Generators for Traffic Signals	2010	Provide a portable power source for traffic signals to ensure traffic and law enforcement personnel for other efforts	All hazards	yes	City of Destin		City of Destin	City of Destin - Public Works Dept.	\$35,000.00		X	No Funding	6 months	Existing	All Jurisdictions - Hwy 98 is an evacuation route	Y
14b	Traffic Signal Upgrade to Main Arm	2010	Only a few traffic signals in Crestview have been upgraded to LED. Because the major highways in Crestview are hurricane evacuation routes the most firms are needed to resist damage by high winds	All hazards	yes	City of Crestview		City of Crestview	City of Crestview - Public Works Dept.	\$3,000,000.00		X	No Funding	6 months	Existing	City of Crestview and All Okaloosa County - Hwy 95 is an evacuation route	Y
14c	Armeding Critical Facilities	1999	Find, Heickel and Chabre Pratt Recreation Centers are utilized as storm shelters and should be retrofitted for 140 mph wind resistance	Hurricane & Tropical Storm, and Severe Storms	Structural Soundness of Existing Local Government Availability of Public Sheltering	City of Fort Walton Beach		City of Fort Walton Beach	City of Fort Walton Beach - Public Works Dept	\$138,000.00		X	No Funding	6 months	Existing	City of Fort Walton Beach	Y
15a	Permanent Stabilization of Noriega Point	1999	Noriega Point is the tip of Holiday Isle and provides protection to Destin harbor. Project anticipates stabilizing or hardening the point for improved storm protection. Project includes permanent habitat and to preserve habitat and recreational areas provided by the point	Beach Erosion; and Storm Surge	yes	City of Destin		City of Destin	City of Destin - Public Works Dept.	\$10,200,000.00		X	No Funding	2 years	Existing	City of Destin and tourist	Y

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											NEW	COMPLETED / DELETED / DEFERRED					
11e	Bluestem Bay MSBU 350 acre stormwater basin repair	2014	stormwater drainage system repairs	Hurricane & Tropical Storm, Flood, and severe storms	yes	Oklahoma County/Bluestem Bay MSBU		Oklahoma County	Oklahoma County/Bluestem Bay MSBU	\$400,000.00		X		2 Years	Existing	Unincorporated Oklahoma County within the Bluestem Bay area	Y
11f	Northom Pines - Forest Heights Drainage Improvements	2010	Regional stormwater management drainage improvements	Hurricane & Tropical Storm, Flood, and Severe Storms	yes	Oklahoma County		Oklahoma County	Oklahoma County - Public Works Dept.	\$5,000,000.00		X	No Funding	770 days	Existing	Unincorporated Oklahoma County within the Forest Heights Area	Y
11g	Byn Mawr Subdivision Drainage	2010		Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther	\$700,000.00		X	No Funding	120 days	Existing	City of Mary Esther	Y
12a	Acquisition of Emergency Generators and Traffic Signal Quick Disconnects		Acquisition of dedicated portable generators and quick disconnects for traffic signals, so that signals can remain on during power outages associated with a hurricane or other disaster	All Hazards	yes	City of Crestview		City of Crestview	City of Crestview - Public Works Dept.	\$3,300.00		X	No Funding	90 days	Existing	All Jurisdictions - Hwy 95 is a hurricane evacuation route	Y
12b	Generator for City Hall	2014	Install 250 KW generator for City Hall	All hazards	yes	City of Newcastle		City of Newcastle	City of Newcastle - Public Works Dept.	\$250,000.00		X	No Funding	30 days	Existing	City of Newcastle	Y
12c	Island #2 and #3 Lift Station Transfer		Replace electrical and control systems at 3 coastal lift stations that were damaged by wind and salt	Hurricane & Tropical Storm, Flood, and Storm Surge	yes	Oklahoma County		Oklahoma County	Oklahoma County - Water & Sewer Dept.	\$225,000.00		X	No Funding	1 year	Existing	Unincorporated Oklahoma County within the Island #2 area and Islet	Y
12d	Stormwater drainage system at Edwin's Elementary School	2014	Install new stormwater drainage system at Edwin's Elementary School	Hurricane & Tropical Storm, and Flood	yes	Oklahoma County School Board		Oklahoma County School Board	Oklahoma County School Board - Facilities Dept.	\$700,000.00		X	No Funding	1 year	Existing		Y
12e	Stormwater drainage system at Florence Elementary School	2014	Install new stormwater drainage system at Florence Elementary School	Hurricane & Tropical Storm, and Flood	yes	Oklahoma County School Board		Oklahoma County School Board	Oklahoma County School Board - Facilities Dept.	\$450,000.00		X	No Funding	1 year	Existing		Y
13a	8 Traffic Signal Quick Disconnects for Highway 98		Provide hardware to interface post-storm power sources to aid in efficient traffic control and to free up emergency personnel for other duties	All hazards	yes	City of Dustin		City of Dustin	City of Dustin - Public Works Dept.	\$40,000.00		X	No Funding	0 months	Existing	All Jurisdictions - Hwy 98 is an evacuation route	Y
13b	Stormwater drainage system at City of Mary Esther City Hall	2014	Repair and replace the underground stormwater system	Hurricane & Tropical Storm, and Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther - Public Works	\$45,150.00		X	No Funding	0 months	Existing	City of Mary Esther	Y
13c	Repair and replace bridge on Christlabb Rd.	2014	Repair and replace underground stormwater infrastructure	Hurricane & Tropical Storm, and Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther - Public Works	\$482,150.00		X	No Funding	1 year	Existing	City of Mary Esther	Y
13d	Sywanee Heights Drainage Improvements Phase 2		Retrofit drainage improvements to reduce flooding potential	Hurricane & Tropical Storm, and Flood	yes	Oklahoma County		Oklahoma County	Oklahoma County - Public Works Dept.	\$5,000,000.00		X	No Funding	770 days	Existing	Unincorporated Oklahoma County within the Sywanee Heights area	Y
13e	Stormwater drainage repair on Byn Mawr Blvd.	2014	Repair and replace underground stormwater infrastructure	Hurricane & Tropical Storm, and Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther - Public Works	\$150,710.00		X	No Funding	1 year	Existing	City of Mary Esther	Y
13f	Shoal River Dr dam	2010	replace old piping in existing on golf course (also located on top of 8th dam)	Dam Safety	yes	Oklahoma County		Oklahoma County	Oklahoma County/NWFLWMD	\$300,000.00		X	No Funding	90 days	Existing	Unincorporated Oklahoma County within the Shoal River area	Y

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											NEW	COMPLETED/DELETED/DEFERRED					
9	Retaining Walls for Lift Stations #11, #20, and #21	2010	Lift stations 11, 20, and 21 are subject to occasional flooding but can be protected by the installation of retaining walls	Hurricane and Tropical Storm; Flood; and Severe Storms	yes	City of Crestview		City of Crestview	City of Crestview - Water & Sewer Dept.	\$10,000.00		X	No Funding	60 days	Existing	City of Crestview	Y
10a	Resurfacing of secondary streets	2010	Resurface the streets maintained by the Town of Cheo Bayou	Hurricane/Tropical Storm and Flooding	yes	Town of Cheo Bayou		Town of Cheo Bayou	Town of Cheo Bayou - Public Works Dept.	\$500,000.00		X	No Funding	1 year	Existing	Town of Cheo Bayou	Y
10b	South Area Bomball Road Area Sewerage Improvements	2010	Regional stormwater management and drainage improvements.	Hurricane & Tropical Storm; Flood; and Severe Storms	yes	Okaloosa County		Okaloosa County	Okaloosa County - Public Works Dept.	\$5,000,000.00		X	No Funding	770 days	Existing	Unincorporated Okaloosa County within the Fort Walton Road Area	Y
10c	Shady Lane/Woodlawn Drainage Problems	2010	Paralel drainage problems causing flooding and road closures	Hurricane & Tropical Storm; Flood; and Severe Storms	yes	City of Crestview		City of Crestview	City of Crestview - Public Works Dept.	\$412,000.00		X	No Funding	150 days	Existing	City of Crestview	Y
10d	Reconstruct Road Sanitary Sewer Rehab	2010	Rehab on 187' sanitary sewer line made of vitrified clay. It is crumbling and allowing infiltration into the sewer system	Hurricane/Tropical Storm and Flood	yes	Okaloosa County		Okaloosa County	Okaloosa County - Water & Sewer Dept.	\$1,600,000.00		X	No Funding	6 months	Existing	Unincorporated Okaloosa County within the Racetrack Road area	Y
10e	Force main upgrade, Lift Station #10	2010	Increased flows during heavy rains and hurricane conditions are in need of replacement at Lift Station #10 that serves the county jail and surrounding area.	Hurricane & Tropical Storm; Flood; and Severe Storms	yes	City of Crestview		City of Crestview	City of Crestview - Water & Sewer Dept.	\$300,000.00		X	No Funding	90 days	Existing	City of Crestview	Y
10f	Elevation of Repetitive Loss Structures	1999	Several wood frame houses with a crawl space underneath are in need of elevation to prevent flooding during storm events.	Flood; Hurricane/Tropical Storm; Storm Surge	Existing Building Mitigation in Flood-prone locations	City of Fort Walton Beach		City of Fort Walton Beach	City of Fort Walton Beach - Building Dept.	\$540,000.00		X	No Funding	1 year	Existing	City of Fort Walton Beach	Y
11a	Intersection Mast Arms	2010	All traffic signals that are not currently on mast arms need to be updated. There are six intersections for a total of 16 mast arms needed.	All hazards	Building Construction and Wind Communications	City of Fort Walton Beach		City of Fort Walton Beach	City of Fort Walton Beach - Public Works Dept.	\$600,000.00		X	No Funding	1 year	Existing	All jurisdictions - mast arms are located on hurricane evacuation routes	Y
11b	Elevated Potable Water Storage Tank - Kennedy Lakes Area	2010	The Kennedy Lakes area in NW Crestview is plagued by water pressure issues. Water flow is inadequate to provide water to residences. It is dangerously low for fire protection. The storage tank is necessary to provide additional water pressure to residences to fight wildfires or multiple structure fires in this area.	Wildfire	yes	City of Crestview		City of Crestview	City of Crestview - Water & Sewer Dept.	\$1,000,000.00		X	No Funding	270 days	Existing	City of Crestview	Y
11c	Port Chise Stormwater System Repair	2010	Stormwater drainage analysis and infrastructure replacement for the Port Chise drainage area to prevent flooding during storms and stormwater problems.	Hurricane & Tropical Storm; Flood; and Severe Storms	yes	Okaloosa County		Okaloosa County	Okaloosa County - Public Works Dept.	\$5,000,000.00		X	No Funding	770 days	Existing	Unincorporated Okaloosa County within the Port Chise Area	Y
11d	standby generators at 9 critical supply locations	2011	Installation of standby generators at each of 9 existing unincorporated locations. Ensure continued operation of cable communication system for emergency broadcast capabilities	All hazards	yes	City of Valparaiso		City of Valparaiso	City of Valparaiso - Public Works Dept.	\$77,000.00		X	No Funding	6 months	Existing	City of Valparaiso	Y

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											NEW	COMPLETED DELETED DEFERRED					
4b	Stormwater swales and retention for Sandalwood Drive	2014	Provides a stormwater management system for this multi-family neighborhood by constructing swales and infiltration systems.	Flood, Hurricane & Tropical Storm, and Severe Storms	yes	City of Destin		City of Destin	City of Destin - Public Works	\$38,750.00		X	No Funding	1 year	Existing	City of Destin	Y
4c	Stormwater swales and retention for Joe's Bayou area	2014	Provides a stormwater management system for this neighborhood by constructing swales and infiltration systems.	Flood, Hurricane & Tropical Storm, and Severe Storms	yes	City of Destin		City of Destin	City of Destin - Public Works	\$649,206.00		X	No Funding	1 year	Existing	City of Destin	Y
4f	Stormwater swales and retention for Kelly Street area	2014	Provides a stormwater management system for this neighborhood by constructing swales and infiltration systems.	Flood, Hurricane & Tropical Storm, and Severe Storms	yes	City of Destin		City of Destin	City of Destin - Public Works	\$925,805.00		X	No Funding	1 year	Existing	City of Destin	Y
5a	Stormwater swales and retention for Malozza Street area	2014	Provides a stormwater management system for this neighborhood by constructing swales and infiltration systems.	Flood, Hurricane & Tropical Storm, and Severe Storms	yes	City of Destin		City of Destin	City of Destin - Public Works	\$400,000.00		X	No Funding	1 year	Existing	City of Destin	Y
5b	85-A Culvert Crossing	1999	Culvert is to be built to accommodate stormwater	Hurricane and Tropical Storm, Flood, and Severe Storms	yes	City of Laurel Hill		City of Laurel Hill	City of Laurel Hill - Public Works Dept	\$30,000.00		X	No Funding	120 days	Existing	City of Laurel Hill	Y
5c	Replace culverts and re-routes system in Indian Bayou S/O	2014	replace deteriorated metal culvert pipes and re-establish the roadside swale system	Flood, Hurricane & Tropical Storm, and Severe Storms	yes	city of Destin		City of Destin	City of Destin - Public Works	\$750,000.00		X	No Funding	1 year	Existing	City of Destin	Y
6a	Repetitive Loss Reduction and Acquisition	1999	There are several properties, including homes, which are in areas which flood during storm events. Due to this type of construction, elevation is not an alternative. The structures are being acquired by the City to prevent future losses.	Flood, Hurricane & Tropical Storm, and Severe Storms	Existing Building Mitigation in Flood-prone locations	City of Fort Walton Beach		City of Fort Walton Beach	City of Fort Walton Beach	\$2,000,000.00 +		X	No Funding	18 months	Existing	City of Fort Walton Beach	Y
6c	Stormwater swales for Calhoun Avenue	2014	establish the roadside swale system for this area	Flood, Hurricane & Tropical Storm, and Severe Storms	yes	City of Destin		City of Destin	City of Destin - Public Works	\$300,000.00		X	No Funding	1 year	Existing	City of Destin	Y
7a	High efficiency, 2 million gallon lift station	2011	Installation of new high efficiency, 2 million gallon lift station. Current lift station handles 50% of all sewage, is located in the flood zone, and is obsolete	Flood, Hurricane & Tropical Storm, Severe Storms and Storm Surge	yes	City of Valparaiso		City of Valparaiso	City of Valparaiso - Public Works Dept	\$700,000.00		X	No Funding	1 year	Existing	City of Valparaiso	Y
7b	Warning Sign	2010	For all emergency warnings	Hurricane & Tropical Storm, Flood, Severe Storm, and Drought and Wildfire	yes	Town of Shalimar		Town of Shalimar	Town of Shalimar	\$30,000.00		X	No Funding	120 days	Existing	Town of Shalimar	Y
8a	Anna Road Drainage Improvements	2010	A section of Anna Road, an unimproved roadway, holds water during wet periods and floods during high rainfall events. This project would pipe water from the road and direct it to a retention pond	Hurricane & Tropical Storm, Flood, and Severe Storms	yes	City of Crestview		City of Crestview	City of Crestview - Public Works Dept	\$51,000.00		X	No Funding	90 days	Existing	City of Crestview	Y
8b	Bowl Street Lift Station Relocation	2010	Lift Station is old and in the floodplain. New lift station needs to be in the same vicinity, at a higher elevation	Hurricane & Tropical Storm, Flood, severe storms, and Storm Surge	yes	Ocalaosa County		Ocalaosa County	Ocalaosa County - Water & Sewer Dept	\$400,000.00		X	No Funding	18 months	Existing	Unincorporated Ocalaosa County within the Ocalaosa County Water & Sewer Service Area	Y

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1	Relocate SS and LS on Alcorn	2010	The shoreline has relocated leaving the sewer line 5-10 feet into the water. The line needs to be relocated to prevent sewage overflow and bay and sound. Also, the sewer lift station needs to be relocated out of the roadway and onto an easement nearby.	Storm Surge	yes	City of Fort Walton Beach		City of Fort Walton Beach	City of Fort Walton Water & Sewer	\$100,000.00		X	No Funding	1 year	Existing	City of Fort Walton Beach	Y
2	Development of Master Drainage Plan	1990	Need master plan to mitigate stormwater runoff & flooding.	Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther - Public Works	\$75,000.00		X	No Funding	240 days	Existing	City of Mary Esther	Y
3a	Beach Drive/Screening Etahka Area Drainage Improvements	2005	Retain drainage improvements to reduce flooding potential.	Flood/ Severe Storms	yes	Oklahoma County		Oklahoma County	Oklahoma County - Public Works	\$25,000.00		X	No Funding	180 days	Existing	Oklahoma County	Y
3b	Local Alert Receivers	2010	Receivers for high population areas (Schools, nursing homes, etc.) to alert people to impending weather conditions.	All hazards	yes	Oklahoma County		Oklahoma County	Oklahoma County - Public Safety	\$15,000.00		X	No Funding	60 days	New	All Jurisdictions and tourist	Y
3c	Relocate all utilities underground	2010	Relocate utilities underground. The town has already committed to a very large project (SR 46) but will not allow SR 46 to be a grant/funding source to continue to the Cinco Bayou bridge.	Hurricane/Tropical Storm	yes	Town of Cinco Bayou		Town of Cinco Bayou	Town of Cinco Bayou and private utilities	\$1,000,000.00		X	No Funding	1 year	Existing	Town of Cinco Bayou	Y
3d	Generators for lift stations, wells, booster stations and wastewater treatment plants	2010	During emergencies with power outages, such as hurricanes, generators are needed to keep lift stations, wells, booster stations, and wastewater treatment plants in working order.	Hurricane & Tropical Storm; and Severe Storms	yes	Oklahoma County		Oklahoma County	Oklahoma County - Water & Sewer Dept.	\$1,200,000.00		X	No Funding	1 year	Existing	Unincorporated Oklahoma County within the Oklahoma County Water & Sewer Service Area	Y
3e	Emergency Generators	1999	An automatic transfer emergency generator is needed at Lift Station #1 to keep the sewage treatment plant in case of power failure. An additional portable generator is needed to accommodate other Lift Stations within the City.	Hurricane and Tropical Storm; and Severe Storm	yes	City of Fort Walton Beach		City of Fort Walton Beach	City of Fort Walton Beach - Water & Sewer Dept.	\$37,000.00		X	No Funding	3 months	Existing	City of Fort Walton Beach	Y
3f	Flood Flooding Lift Stations	2010	Storm proof lift stations 4,8,9,10,14,15, & 17. elevate tops of vent walls, emergency power supplies, and storm handring controls. To include bulkheads and/or retaining walls.	Hurricane & Tropical Storm; Flood; Land Erosion; Severe Storms, and Beach Erosion	yes	City of Valparaiso		City of Valparaiso	City of Valparaiso - Water & Sewer Dept.	\$600,000.00		X	No Funding	3 months	Existing	City of Valparaiso	Y
3g	Restoration of wetlands in Glenwood Park and upgrade the drainage system	2010	Restoration of wetlands in Glenwood Park and upgrade the drainage system.	Hurricane & Tropical Storm; Flood; Storm Surge	yes	Town of Cinco Bayou		Town of Cinco Bayou	Town of Cinco Bayou - Public Works	\$15,000.00		X	No Funding	1 year	Existing	Town of Cinco Bayou	Y
4a	Underpinning of Utilities	1999		Hurricane/Tropical Storms		Oklahoma County/Developer		Oklahoma County	Oklahoma County and Developers	\$150,000.00 per mile		X	On going	Required for new developments with a density of 4 dwelling units per acre, and	Existing	Unincorporated Oklahoma	Y