

Okaloosa County  
2011 LMS  
Appendix E

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	HMGP ELIGIBLE
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1	Beach Renourishment	2005	Restore 4.5 miles of critically eroded beaches on Okaloosa Island and western Destin	Beach Erosion; Hurricane & Tropical Storm; and Storm Surge	yes	Okaloosa County		Okaloosa County	Okaloosa County	\$20,000,000.00				X	insufficient funding from \$.01 Tourist Development tax & MSBU	4 months	Existing	All Jurisdictions and tourist	Y
2	Relocate SS and LS on Alconese	2010	The shoreline has retreated leaving the sewer line 5-10 feet into the water. The line needs to be relocated to prevent sewage contamination into the 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	\$108,000.00	X					1 year	Existing	City of Fort Walton Beach	Y
3	Master Drainage Plan	1999	Need master plan to mitigate stormwater runoff & flooding	Flood	yes	Town of Shalimar		Town of Shalimar	Town of Shalimar - Public Works	\$50,000.00				X	No Funding	120 days	Existing	Town of Shalimar	Y
4	Development of Master Drainage Plan	1999	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
5	Main Okaloosa Island Lift Station replacement	2010	Replacement of existing lift station, to include elevation	Hurricane/Tropical Storm and Flooding	yes	Okaloosa County		Okaloosa County	Okaloosa County - Water & Sewer Dept.	\$3,400,000.00	X					2 years	Existing	Okaloosa County and tourist	Y
6	Beach Drive/Scranton Estates Area Drainage Improvements	2005	Retrofit drainage improvements to reduce flooding potential.	Flood. Severe Storms	yes	Okaloosa County		Okaloosa County	Okaloosa County- Public Works	\$25,000.00				X	No Funding	180 days	Existing	Okaloosa County	Y
7	Local Alert Receivers	2010	Receivers for high population areas (Schools, nursing homes, etc.) to alert people to impending weater conditions	All hazards	yes	Okaloosa County		Okaloosa County	Okaloosa County - Public Safety	\$15,000.00	X					60 days	New	All Jurisdictions and tourist	Y
8	Relocate all utilities underground	2010	Relocate utilities underground. The town has already committed to a very small portion of Eglin Pkwy (SR 85) but will need new 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					1 year	Existing	Town of Cinco Bayou	Y
9	Generators for lift stations, wells, booster stations and wstewater 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	Okaloosa County		Okaloosa County	OkaloosaCounty - Water & Sewer Dept.	\$1,200,000.00	X					1 year	Existing	Unincorporated Okaloosa County within the Okaloosa County Water & Sewer Service Area	Y
10	Emergency Generators	1999	An automatic transfer emergency generator is needed at Lift Station #1 to prevent sewage overflow into Santa Rosa Sound 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					3 months	Existing	City of Fort Walton Beach	Y

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11	Flood Proofing Lift Stations	2010	Storm proof lift stations 4,8,9,10,14,15, & 17. elevate tops of wet wells, valve boxes, relocation of emergency power supplies, and storm hardening 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					3 months	Existing	City of Valparaiso	Y
12	Restoration of wetlands in Glenwood Park and upgrade the drainage system	2010	Restoration of wetlands in Glenwood Park and upgrade the park's 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					1 year	Existing	Town of Cinco Bayou	Y
13	Sewer pump Station 13 protective measures	2010	Location is unstable and susceptible to erosion and washing.	Land Erosion	yes	City of Niceville		City of Niceville	City of Niceville - Water & Sewer Dept.	\$ 10,000.00	X					90 days	Existing	City of Niceville	Y
14	Dunes of Destin Lake Drainage Project	2010	The Coleman Lake outfall runs under Main Street in the City of Destin through a structurally deficient earthen dam. Based on increasing frequency and depths of potholes at the outfall location, it is evident that the structure is leaking and could lead to failure	Dam Safety; Hurricane & Tropical Storm; Flood; and Severe Storms	yes	City of Destin		City of Destin	City of Destin - Public Works	\$600,000.00		X				3 months	Existing	City of Destin	Y
15	85-A Culvert Crossing	1999	Culvert is too small 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
16	Repetitive Loss Relocation and/or Acquisition	1999	There are several properties, including concrete masonry unit houses built with slab on grade, which flood during storm events. Due to this type of construction, elevation is not an alternative. The structures should be relocated or acquired by the City to prevent future losses.	Flood; Hurricane & Tropical Storm; Severe Storms and Storm Surge	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
17	High efficiency .2 million gal/day lift station	2011	Installation of new high efficiency .2 million gallon/day 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					1 year	Existing	City of Valparaiso	Y
18	Warning Siren	2010	For all emergency warnings	Hurricane & Tropical Storm; Flood; Severe Storms; Storm Surge; Heat Wave and Drought; and Wildfire	yes	Town of Shalimar		Town of Shalimar	Town of Shalimar	\$30,000.00	X					120 days	Existing	Town of Shalimar	Y
19	Undergrounding of Utilities	1999		Hurricane/Tropical Storms		Okaloosa County/Developer		Okaloosa County	Okaloosa County and Developers	\$158,000.00 per mile				X	On going	Required for new developments with a density of 4 dwelling units per acre and new road construction. Per Ord 91-1 as amended Section 6.01.052 3	Existing	Unincorporated Okaloosa	Y

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20	Arena Road Drainage Improvements	2010	A portion of Arena 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					90 days	Existing	City of Crestview	Y
21	Beal 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	Okaloosa County		Okaloosa County	Okaloosa County - Water & Sewer Dept.	\$600,000.00	X					18 months	Existing	Unincorporated Okaloosa County within the Okaloosa County Water & Sewer Service Area	Y
22	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.	\$18,000.00	X					60 days	Existing	City of Crestview	Y
23	Resurfacing of secondary/residential streets	2010	Resurface the streets maintained by the Town of Cinco Bayou	Hurricane/Tropical Storm and Flooding	yes	Town of Cinco Bayou		Town of Cinco Bayou	Town of Cinco Bayou - Public Works Dept.	\$500,000.00	X					1 year	Existing	Town of Cinco Bayou	Y
24	South Avenue/Thornhill Road Area Drainage 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					770 days	Existing	Unincorporated Okaloosa County within the Thornhill Road Area	Y
25	Shady Lane/Woodlawn Drainage Problems	2010	Persistent 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					150 days	Existing	City of Crestview	Y
26	Chicago Avenue and Steel Mill Creek	1999	Culvert is too small to accommodate stormwater	Hurricane & Tropical Storm; Flooding; 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
27	Chicago Avenue Pipe Crossing	1999	Culvert is too small to accommodate stormwater	Hurricane & 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
28	Racetrack Road Sanitary Sewer Rehab	2010	Rehab on 18" gravity 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.	\$1,800,000.00	X					6 months	Existing	Unincorporated Okaloosa County within the Racetrack Road area	Y
29	Force main upgrade, Lift Station #10	2010	Increased flows during heavy rains and hurricane conditions overwhelm the force main at Lift Station #10 that serves the county jail and surrounding area.	Hurricane & Tropical Storms; Flood; and Severe Storms	yes	City of Crestview		City of Crestview	City of Crestview - Water & Sewer Dept.	\$300,000.00	X					90 days	Existing	City of Crestview	Y
30	Elevation of Repetitive Loss Structures	1999	Several wood frame houses with a crawl space underneath are in need of elevation or acquisition due to frequent 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						1 year	Existing	City of Fort Walton Beach	Y
31	Intersection Mast Arms	2010	All traffic signals that are not currently on mast arms rated at 140 mph need to be updated. There are six intersections for a total of 18 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.	\$896,000.00	X					1 year	Existing	All Jurisdictions - mast arms are located on Hurricane evacuation routes	Y

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32	Elevated Potable Water Storage Tank-Kennedy Lakes Area	2010	The Kennedy Lakes area in NW Crestview is plagued by low water pressures. While the pressure is adequate to provide water to residences, it is dangerously low for fire protection. The storage tank is necessary to provide additional storage and head pressure to flight 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					270 days	Existing	City of Crestview	Y
33	Port Dixie Stormwater System Repair	2010	Stormwater drainage analysis and infrastructure repair/replacement for the Port Dixie drainage area to resolve regional flooding 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					770 days	Existing	Unincorporated Okaloosa County within the Port Dixie Area	Y
34	standby generators at 8 power supply locations	2011	Installation of standby generators at each of 8 existing un-interruptable power supply locations. Ensures 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					6 months	Existing	City of Valparaiso	Y
35	Northern Pines - Forest Heights Drainage 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					770 days	Existing	Unincorporated Okaloosa County within the Forest Heights Area	Y
36	Bryn Mawr Subdivision Drainage	2010		Flood	yes	City of Mary Esther		City of Mary Esther	City of Mary Esther	\$700,000.00	X					120 days	Existing	City of Mary Esther	Y
37	Hollywood Blvd Stormwater System Repair		Existing corrugated metal piping stormwater system requires replacement due to failures that cause sinkholes in the roadway.	Hurricane & Tropical Storms; Flood; and Severe Storms	yes	ARRA Federal Program Award		Okaloosa County	Okaloosa County - Public Works Dept.	\$1,500,000.00						May 15, 2010 (ARRA Stimulus Project)	Existing	Unincorporated Okaloosa County within the Hollywood Blvd. Area and the City of Mary Esther	NA
38	Acquisition of Emergency Generators and Traffic Signal Quick Disconnects		Acquisition of dedicated portable generators and quick disconnects for traffic signals, so that vehicles can safely operate during a loss of electrical power 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					60 days	Existing	All jurisdictions- Hwy 85 is a hurricane evacuation route	Y
38	Island #2 and #3 Lift Station Retrofit		Replace electrical and control systems at 3 coastal lift stations that have damaged by wind and salt.	Hurricane & Tropical Storm; Flood; and Storm Surge	yes	Okaloosa County		Okaloosa County	Okaloosa County - Water & Sewer Dept.	\$225,000.00	X					1 year	Existing	Unincorporated Okaloosa County within the Okaloosa Island area and tourist	Y
40	8 Traffic Signals-Quick Disconnect 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 efforts	All hazards	yes	City of Destin		City of Destin	City of Destin - Public Works Dept.	\$40,000.00	X					6 months	Existing	All jurisdictions - Hwy 98 is an evacuation route	Y

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41	Sylvania Heights Drainage Improvements Phase 2		Retrofit drainage improvements to reduce flooding potential.	Hurricane & Tropical Storm; and Flood	yes	Okaloosa County		Okaloosa County	Okaloosa County - Public Works Dept.	\$5,000,000.00	X					770 days	Existing	Unincorporated Okaloosa County within the Sylvania Heights area	Y
42	Shoal River Dr. dam	2010	replace old piping in existing on golf course lake (Shoal River Drive is located on top of this dam)	Dam Safety	yes	Okaloosa County		Okaloosa County/NWFLWMD	Okaloosa County/NWFLWMD	\$300,000.00	X					90 days	Existing	Unincorporated Okaloosa County within the Shoal River area	Y
43	Lions Park upland retaining wall	2010	Severe erosion along the upland area of Lions park along the northern boundary	Land Erosion	yes	City of Niceville		City of Niceville	City of Niceville - Public Works Dept.	\$12,000.00	X					30 days	Existing	City of Niceville	Y
44	Portable Generators for Traffic Signals	2010	Provide a post-storm power source for traffic signals to move traffic and free up emergency personnel for other efforts	All hazards	yes	City of Destin		City of Destin	City of Destin - Public Works Dept.	\$35,000.00	X					6 months	Existing	All Jurisdictions - Hwy 98 is an evacuation route	Y
45	Traffic Signal Upgrade to Mast Arm	2010	Only a few traffic signals in Crestview have been upgraded to mast arms. Because the major highways in Crestview are hurricane evacuation routes the mast arms 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					6 months	Existing	City of Crestview and All Okaloosa County- Hwy 85 is a hurricane evacuation route	Y
46	Armoring Critical Facilities	1999	Fred Hedrick and Chester Pruitt 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 Centers; 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					6 months	Existing	City of Fort Walton Beach	Y
47	Permanent Stabilization of Norriego Point	1999	Norriego Point is the tip of Holiday Isle and provides protection to Destin harbor. Project anticipates stabilizing or hardening the point for improved storm protection, minimizing harbor channel shoaling 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.	\$7,000,000.00	X					2 years	Existing	City of Destin and tourist	Y
48	Water distribution isolation valves	2011	Installation of water distribution isolation valves to preserve water quality and losses in the event of system depressurization 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					1 year	Existing	City of Valparaiso	Y
49	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					18 months	New	City of Valparaiso	Y





