

This section of LMS contains the compilation of the mitigation initiatives that are the result of the earlier planning efforts by the Task Force. Typically, they will involve strengthening a structure against a hazard, elevating a structure above a flood hazard, relocating a structure away from a hazard, or removing the structure all together to avoid further damage. In addition, mitigation initiatives can be designed as local government actions or activities designed to reduce further exposure to hazards through policy, hazard information, or incentive. The Task Force chose to design mitigation initiatives that address hazards presenting a significant threat to the county’s communities, NOT every hazard to which the county has vulnerability. The compilation is provided in two formats.

THE PLANNING PROCESS

Found in Table 6.1 is a complete listing of the current mitigation initiatives for the county sorted by their Priority Scores. Contained in the list are Project Description, Project Type, Jurisdiction, Lead Agency, Hazard Addressed, Priority Score, Date Proposed, and Current Implementation Status.

Projects that have a proposal date later than 1/09 represent projects that have been to the list of proposed mitigation initiatives during the most recent review and revision of the LMS. Those that are dated prior to 1/09 are projects that have been deferred from the previous LMS.

Table # 6.1

Proposed Mitigation Initiatives

Project # 1	Protect the shoreline where US Highway 98 washes out in the Highland View Community area and along the Constitution Drive area of Port St. Joe.		
Project Type	Construction		
Jurisdiction	Gulf County / City of Port St. Joe		
Lead Agency	Gulf County Public Works Department		
Hazard	Storm Surge / Flooding		
Priority Score	90		
Date Proposed	9/99	LMS Goal	# 6
Funding Source	BECP	Estimate Cost	\$325,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		



Project # 2	Register and establish the Gulf County Citizen Corps.		
Project Type	Education		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Emergency Management Department		
Hazard	All Hazards		
Priority Score	90		
Date Proposed	5/20/09	LMS Goal	# 10
Funding Source	Citizen Corps	Estimate Cost	\$15,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 3	County wide beach re-nourishment and dune restoration with an emphasis on the Stump Hole and St. Joe Peninsula areas.		
Project Type	Construction		
Jurisdiction	Gulf County		
Lead Agency	Gulf County Administration		
Hazard	Storm Surge / Flooding		
Priority Score	88		
Date Proposed	9/99	LMS Goal	# 1
Funding Source	BECP	Estimate Cost	\$1,250,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 4	Mitigate the effects of severe winds and storm surge on local businesses that perform essential services.		
Project Type	Construction (Existing Buildings)		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Emergency Management Department		
Hazard	Hurricane		
Priority Score	80		
Date Proposed	4/13/09	LMS Goal	# 8
Funding Source	Unknown	Estimate Cost	Unknown
Status	No action taken as of 9/1/09		



Timeframe	If funding is available more than a year.
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Project # 5	Ensure the county's Emergency Operations Center's (EOC) has the ability to support the needs of the county's residents, businesses and essential city and county services by maintaining state-of-the-art communications and operational support systems.		
Project Type	Equipment		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Emergency Management Department		
Hazard	All Hazards		
Priority Score	80		
Date Proposed	2/04	LMS Goal	# 14
Funding Source	HMGP	Estimate Cost	\$30,000
Status	The county has applied for funding from the Hazard Mitigation Grant Program (HMGP).		
Timeframe	If funding is available less than a year.		

Project # 6	Purchase and install back-up generators for local businesses that perform essential services.		
Project Type	Equipment		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Emergency Management Department		
Hazard	High Winds / Lightning		
Priority Score	80		
Date Proposed	4/13/09	LMS Goal	# 8
Funding Source	Unknown	Estimate Cost	Unknown
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 7	Acquire back-up generators for various mission essential critical facilities such and the future EMS building.		
Project Type	Equipment		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Emergency Management		



Hazard	High Winds / Lightning		
Priority Score	80		
Date Proposed	5/20/09	LMS Goal	# 13
Funding Source	CDBG	Estimate Cost	\$75,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 8	Conduct a shoreline erosion mitigation study to determine possible initiatives that can be undertaken to reduce future coastal erosion.		
Project Type	Planning		
Jurisdiction	Gulf County / City of Port St. Joe		
Lead Agency	Gulf County Planning Department		
Hazard	Storm Surge		
Priority Score	79		
Date Proposed	4/10/09	LMS Goal	# 1
Funding Source	BECP	Estimate Cost	\$95,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 9	Design and facilitate a Disaster Resistant Business initiative to educate local business owners on the need to be prepared for future disasters.		
Project Type	Education		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Emergency Management Department		
Hazard	All Hazards		
Priority Score	79		
Date Proposed	4/13/09	LMS Goal	# 10
Funding Source	HMGP	Estimate Cost	\$20,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		



Project # 10	Coordinate with Florida DOT and local land developers to move US Highway 98 away from the coast and to pave Parkwood Tram Road to be used as an alternate evacuation route for Highland View Area.		
Project Type	Construction		
Jurisdiction	Gulf County		
Lead Agency	Gulf County Public Works Department		
Hazard	Storm Surge		
Priority Score	78		
Date Proposed	9/99	LMS Goal	# 6
Funding Source	Not Applicable	Estimate Cost	\$0
Status	The county is currently working with the St. Joe Development Company regarding the evacuation of Highland View residents. Windmark residents will be able to use St Rd 386 as an alternative evacuation route by 2015.		
Timeframe	More than a year.		

Project # 11	Work with Florida DOT to build a storm-proof roadway through the Stump Hole area.		
Project Type	Construction		
Jurisdiction	Gulf County		
Lead Agency	Gulf County Public Works Department		
Hazard	Storm Surge		
Priority Score	78		
Date Proposed	9/99	LMS Goal	# 6
Funding Source	Not Applicable	Estimate Cost	\$0
Status	No action taken as of 9/1/09		
Timeframe	More than a year.		

Project # 12	Mitigate flooding at the Gulf Pines Hospital sewage lift station.		
Project Type	Construction		
Jurisdiction	City of Port St. Joe		
Lead Agency	Port St Joe Public Works		
Hazard	Flooding		



Priority Score	76		
Date Proposed	10/99	LMS Goal	# 6
Funding Source	PDM / HMGP	Estimate Cost	\$75,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 13	Mitigate flooding at the Port St. Joe High School sewage lift station.		
Project Type	Construction		
Jurisdiction	City of Port St. Joe		
Lead Agency	Port St Joe Public Works		
Hazard	Flooding		
Priority Score	76		
Date Proposed	10/99	LMS Goal	# 6
Funding Source	PDM / HMGP	Estimate Cost	\$80,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 14	Increase capacity / replace 1,000 feet of stormwater drainage pipe along US Highway 98 near the bridge and Avenues A through F to prevent water backing up.		
Project Type	Construction		
Jurisdiction	City of Port St. Joe		
Lead Agency	Gulf County Public Works Department		
Hazard	Flooding		
Priority Score	76		
Date Proposed	10/99	LMS Goal	# 6
Funding Source	PDM / HMGP	Estimate Cost	\$130,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 15	Acquire, relocate or elevate structures in highly flood prone and repetitively damaged areas.		
Project Type	Buy Out / Relocate / Elevate (Existing Buildings)		



Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Grants Department		
Hazard	Flooding		
Priority Score	76		
Date Proposed	9/99	LMS Goal	# 4
Funding Source	HMGP	Estimate Cost	Unknown
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 16	Mitigate the effects of severe winds and storm surge on low income owner occupied homes.		
Project Type	Construction (Existing Buildings)		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Community Development Council		
Hazard	Hurricane		
Priority Score	75		
Date Proposed	4/13/09	LMS Goal	# 4
Funding Source	SHIP / RCMP	Estimate Cost	Unknown
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 17	Identify and plot all repetitively flood prone real estate parcels on the county's real property tax role.		
Project Type	Planning		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Property Appraiser's Office		
Hazard	Flooding		
Priority Score	75		
Date Proposed	5/20/09	LMS Goal	# 4
Funding Source	Not Applicable	Estimate Cost	\$0
Status	No action taken as of 9/1/09		
Timeframe	More than a year.		



Project # 18	Identify Gulf County District School facilities in need of hurricane shuttering and / or other structural mitigation initiatives.		
Project Type	Planning		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County School District		
Hazard	Hurricane		
Priority Score	75		
Date Proposed	4/21/09	LMS Goal	# 6
Funding Source	Not Applicable	Estimate Cost	\$0
Status	No action taken as of 9/1/09		
Timeframe	Less than a year.		

Project # 19	Require flood hazard disclosure in the deed for the sale or transfer of improved or unimproved property in the floodplain.		
Project Type	Planning		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Administration		
Hazard	Flooding		
Priority Score	75		
Date Proposed	4/21/09	LMS Goal	# 4
Funding Source	Not Applicable	Estimate Cost	\$0
Status	No action taken as of 9/1/09		
Timeframe	Less than a year.		

Project # 20	Replace the back-up generator that serves City Hall, the Police Department and the Fire Station.		
Project Type	Equipment		
Jurisdiction	City of Port St. Joe		
Lead Agency	Port St Joe Public Works Department		
Hazard	Hurricane		
Priority Score	70		
Date Proposed	2/04	LMS Goal	# 14
Funding Source	CDBG	Estimate Cost	\$85,000



Status	Port St. Joe is currently seeking funding for this project.
Timeframe	If funding is available less than a year.

Project # 21	Improve current efforts to remove dead, dying or diseased trees or branches next to roadways and power lines.		
Project Type	Construction		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Public Works Department		
Hazard	High Winds		
Priority Score	70		
Date Proposed	4/21/09	LMS Goal	# 6
Funding Source	Unknown	Estimate Cost	Unknown
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 22	Design and facilitate a household disaster resilience initiative to educate low income families to be prepared for future disasters.		
Project Type	Education		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Emergency Management Department		
Hazard	All Hazards		
Priority Score	70		
Date Proposed	4/13/09	LMS Goal	# 10
Funding Source	HMGP	Estimate Cost	\$10,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 23	Develop a countywide stormwater management plan.		
Project Type	Planning		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Planning Department		
Hazard	Flooding		
Priority Score	70		



Date Proposed	2/04	LMS Goal	# 11
Funding Source	FPMS	Estimate Cost	\$150,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 24	Coordinate with the Florida DOT to add one or two additional lanes to St Rd 71.		
Project Type	Construction		
Jurisdiction	Gulf County		
Lead Agency	Gulf County Public Works Department		
Hazard	Flooding		
Priority Score	68		
Date Proposed	9/99	LMS Goal	# 6
Funding Source	Not Applicable	Estimate Cost	\$0
Status	No action taken as of 9/1/09		
Timeframe	More than a year.		

Project # 25	Coordinate with Florida DOT to improve stormwater drainage in the Simmons Bayou area.		
Project Type	Construction		
Jurisdiction	Gulf County		
Lead Agency	Gulf County Public Works Department		
Hazard	Flooding		
Priority Score	68		
Date Proposed	4/13/09	LMS Goal	# 7
Funding Source	Not Applicable	Estimate Cost	\$0
Status	No action taken as of 9/1/09		
Timeframe	More than a year.		

Project # 26	Elevate the back-up generator in Fair Point Communications Inc's telephone switching building.		
Project Type	Construction (Existing Building)		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		



Lead Agency	Gulf County Grants Department		
Hazard	Flooding		
Priority Score	68		
Date Proposed	9/99	LMS Goal	# 6
Funding Source	Unknown	Estimate Cost	\$30,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 27	Replace the existing 330 foot communications tower at the Courthouse Complex.		
Project Type	Construction		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Public Works Department		
Hazard	Flooding		
Priority Score	68		
Date Proposed	2/04	LMS Goal	# 14
Funding Source	Unknown	Estimate Cost	\$120,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 28	Replace the existing 330 foot communications tower at the Courthouse Annex in Wewahitchka.		
Project Type	Construction		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Public Works Department		
Hazard	All Hazards		
Priority Score	68		
Date Proposed	5/20/09	LMS Goal	# 14
Funding Source	Unknown	Estimate Cost	\$120,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		



Project # 29	Flood proof the city's sewerage system where cost effective.		
Project Type	Construction		
Jurisdiction	City of Wewahitchka		
Lead Agency	Wewahitchka Public Works Department		
Hazard	Flooding		
Priority Score	68		
Date Proposed	10/99	LMS Goal	# 7
Funding Source	CDBG	Estimate Cost	\$1,500,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 30	Retrofit the existing community center so that it can be used as a hurricane risk shelter.		
Project Type	Construction (Existing Building)		
Jurisdiction	City of Wewahitchka		
Lead Agency	Wewahitchka Public Works Department		
Hazard	Hurricane		
Priority Score	68		
Date Proposed	10/99	LMS Goal	# 6
Funding Source	HMGP	Estimate Cost	\$95,000
Status	Wewahitchka is working with the St. Joe Company to prepare the center as a risk shelter.		
Timeframe	If funding is available more than a year.		

Project # 31	Acquire and install back-up generators for the city's sewage lift stations.		
Project Type	Equipment		
Jurisdiction	City of Port St. Joe		
Lead Agency	Port St Joe Public Works Department		
Hazard	High Winds / Lightning		
Priority Score	68		
Date Proposed	10/04	LMS Goal	# 14
Funding Source	CDBG	Estimate Cost	\$80,000



Status	No action taken as of 9/1/09
Timeframe	If funding is available less than a year.

Project # 32	Purchase and install a back-up generator for City Hall and the Fire Station.		
Project Type	Equipment		
Jurisdiction	City of Wewahitchka		
Lead Agency	Wewahitchka Public Works Department		
Hazard	High Winds / Lightning		
Priority Score	68		
Date Proposed	10/04	LMS Goal	# 14
Funding Source	CDBG	Estimate Cost	\$75,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 33	Purchase and install back-up generators for the city's sewage lift stations.		
Project Type	Equipment		
Jurisdiction	City of Wewahitchka		
Lead Agency	Wewahitchka Public Works Department		
Hazard	High Winds / Lightning		
Priority Score	68		
Date Proposed	10/04	LMS Goal	# 6
Funding Source	CDBG	Estimate Cost	\$60,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 34	Upgrade the city's water and sewage systems to meet or exceed the state and federal governmental requirements.		
Project Type	Construction		
Jurisdiction	City of Wewahitchka		
Lead Agency	Wewahitchka Public Works Department		
Hazard	Flooding		



Priority Score	68		
Date Proposed	10/04	LMS Goal	# 7
Funding Source	CDBG	Estimate Cost	\$600,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 35	Extend the city's sewage lines to Indian Pass in an effort to reduce or prevent repetitive damage to septic tanks and to improve water quality to local residents.		
Project Type	Construction		
Jurisdiction	City of Port St. Joe		
Lead Agency	Port St. Joe Public Works Department		
Hazard	Storm Surge		
Priority Score	66		
Date Proposed	10/99	LMS Goal	# 7
Funding Source	CDBG	Estimate Cost	\$850,000
Status	Intends to apply for a Community Development Block Grant (CDBG) with the aid of the County.		
Timeframe	If funding is available more than a year.		

Project # 36	Extend city sewer lines to Beacon Hill to prevent repetitive damage to septic tanks.		
Project Type	Construction		
Jurisdiction	City of Port St. Joe		
Lead Agency	Port St Joe Public Works Department		
Hazard	Storm Surge		
Priority Score	66		
Date Proposed	10/99	LMS Goal	# 7
Funding Source	CDBG	Estimate Cost	\$600,000
Status	Intends to apply for a Community Development Block Grant (CDBG) with the aid of the County.		
Timeframe	If funding is available more than a year.		



Project # 37	Improve the disaster resistance of existing site built housing stock.		
Project Type	Construction (Existing Buildings)		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Economic Development Council		
Hazard	All Hazards		
Priority Score	65		
Date Proposed	4/21/09	LMS Goal	# 4
Funding Source	SHIP / RCMP	Estimate Cost	Unknown
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 38	Purchase and install Smoke Alarms in low-income homes.		
Project Type	Equipment		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Fire Departments		
Hazard	Fire		
Priority Score	65		
Date Proposed	4/17/09	LMS Goal	# 4
Funding Source	FGP	Estimate Cost	\$15,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 39	Purchase and install a countywide telephone emergency notification system.		
Project Type	Equipment		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Emergency Management Department		
Hazard	All Hazards		
Priority Score	60		
Date Proposed	2/04	LMS Goal	# 14
Funding Source	Unknown	Estimate Cost	\$45,000
Status	No action taken as of 9/1/09		



Timeframe	If funding is available less than a year.
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Project # 40	Using the Gulf County Critical Facilities listing, identify facilities that need hurricane shuttering and / or other structural mitigation initiatives.		
Project Type	Planning		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Emergency Management Department		
Hazard	Hurricane / High Winds		
Priority Score	60		
Date Proposed	4/21/09	LMS Goal	# 6
Funding Source	Not Applicable	Estimate Cost	\$0
Status	No action taken as of 9/1/09		
Timeframe	Less than a year.		

Project # 41	Stabilize the base of sandy clay roads throughout the county. This will lessen the possibility of damage due to flood events.		
Project Type	Construction		
Jurisdiction	Gulf County		
Lead Agency	Gulf County Public Works Department		
Hazard	Flood		
Priority Score	60		
Date Proposed	8/12/09	LMS Goal	# 6
Funding Source	CDBG	Estimate Cost	Unknown
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 42	In coordination with the Chamber of Commerce design and facilitate an ongoing offering of disaster education outreach activities targeting tourists, residents and business owners.		
Project Type	Education		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Emergency Management Department		
Hazard	All Hazards		



Priority Score	60		
Date Proposed	2/04	LMS Goal	# 10
Funding Source	HMGP	Estimate Cost	\$15,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 43	Conduct Community Emergency Response Team (CERT) training for neighborhoods residents and high school students.		
Project Type	Education		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Emergency Management Department		
Hazard	All Hazards		
Priority Score	60		
Date Proposed	4/17/09	LMS Goal	# 10
Funding Source	Citizen Corps	Estimate Cost	\$5,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 44	Funding to purchase two variable message boards.		
Project Type	Equipment		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Grants Department		
Hazard	All Hazards		
Priority Score	60		
Date Proposed	4/28/09	LMS Goal	# 14
Funding Source	Unknown	Estimate Cost	\$40,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 45	Post signs indicating high-water marks in coastal and river flood hazard areas.		
Project Type	Education		
Jurisdiction	Gulf County		



Lead Agency	Gulf County Public Works Department		
Hazard	Storm Surge / Flooding		
Priority Score	58		
Date Proposed	9/99	LMS Goal	# 10
Funding Source	HMGP	Estimate Cost	\$10,000
Status	The county has posted some of the high-water marks but this project has not been completed.		
Timeframe	If funding is available less than a year.		

Project # 46	Supply each real estate agency with a NOAA Weather Radio as part of a seasonal resident emergency notification system.		
Project Type	Equipment / Education		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Emergency Management Department		
Hazard	All Hazards		
Priority Score	58		
Date Proposed	2/04	LMS Goal	# 10
Funding Source	EMPG	Estimate Cost	\$1,500
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 47	Extend the county's sewage and water service to the Overstreet area.		
Project Type	Construction		
Jurisdiction	Gulf County		
Lead Agency	Gulf County Public Works Department		
Hazard	Wildfire		
Priority Score	56		
Date Proposed	2/04	LMS Goal	# 7
Funding Source	CDBG	Estimate Cost	\$475,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		



Project # 48	Identify a location for a temporary landfill for storm debris storage.		
Project Type	Research / Planning		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Public Works Department		
Hazard	High Winds		
Priority Score	56		
Date Proposed	7/01	LMS Goal	# 14
Funding Source	Not Applicable	Estimate Cost	\$0
Status	Potential sites have been identified with the assistance of the St. Joe Company and Preble-Rish.		
Timeframe	Less than a year.		

Project # 49	Identify and purchase equipment needed for responding to a hazardous materials release.		
Project Type	Planning		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County Fire Departments		
Hazard	Hazardous Materials		
Priority Score	55		
Date Proposed	4/21/09	LMS Goal	# 14
Funding Source	FGP	Estimate Cost	Unknown
Status	No action taken as of 9/1/09		
Timeframe	If funding is available less than a year.		

Project # 50	Lengthen all bridges and replace pipe culverts with box culverts on Doc Whitfield Road to allow flood waters to flow under the road instead of over it. This will lessen the possibility of community isolation during flood events.		
Project Type	Construction		
Jurisdiction	Gulf County		
Lead Agency	Gulf County Public Works Department		
Hazard	Flooding		
Priority Score	55		



Date Proposed	4/29/09	LMS Goal	# 6
Funding Source	PDM / HMGP	Estimate Cost	\$700,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 51	Replace pipe culverts with low water crossings and / or fords on Saul's Creek Road. This will lessen the possibility of road damage due to high volumes of water going through culverts during flood events.		
Project Type	Construction		
Jurisdiction	Gulf County		
Lead Agency	Gulf County Public Works Department		
Hazard	Flooding		
Priority Score	55		
Date Proposed	4/29/09	LMS Goal	# 6
Funding Source	PDM / HMGP	Estimate Cost	\$150,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 52	Replace pipe culverts with low water crossings and / or fords on Old Bay City Road. This will lessen the possibility of road damage due to high volumes of water going through culverts during flood events.		
Project Type	Construction		
Jurisdiction	Gulf County		
Lead Agency	Gulf County Public Works Department		
Hazard	Flood		
Priority Score	55		
Date Proposed	8/12/09	LMS Goal	# 6
Funding Source	PDM / HMGP	Estimate Cost	\$150,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 53	Funding to upgrade guardrails to Florida DOT Standards.
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Project Type	Construction		
Jurisdiction	Gulf County		
Lead Agency	Gulf County Public Works Department		
Hazard	Traffic		
Priority Score	50		
Date Proposed	4/28/09	LMS Goal	# 1
Funding Source	TE	Estimate Cost	\$300,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 54	Funding to sandblast and paint all metal bridges.		
Project Type	Construction		
Jurisdiction	Gulf County		
Lead Agency	Gulf County Public Works Department		
Hazard	Traffic		
Priority Score	50		
Date Proposed	4/28/09	LMS Goal	# 6
Funding Source	TE	Estimate Cost	\$375,000
Status	No action taken as of 9/1/09		
Timeframe	If funding is available more than a year.		

Project # 55	Identify additional hazard data to satisfy element 7B which refers to the impact of hazards to the county in regards Code of Federal Regulations requirement 201.6 (2)(ii).		
Project Type	Planning		
Jurisdiction	Gulf County / City of Port St. Joe / City of Wewahitchka		
Lead Agency	Gulf County emergency Management Department		
Hazard	All Hazards		
Priority Score	50		
Date Proposed	10/10	LMS Goal	# 4
Funding Source	BECP	Estimate Cost	Unknown
Status	No action taken as of 11/1/10		
Timeframe	Less than a year.		



Mitigation Initiatives Priority Score Process

Next, the initiatives are listed in Table 6.3 by the priority score assigned to each as a result of the common process to characterize and prioritize mitigation initiatives that is used by all participants in the planning process. This priority score is a long-term characterization value directly associated with each specific initiative based on its own merits at the time it was first proposed by the individual participant. The priority is intended to serve as a guideline for the Task Force regarding the relative desirability of implementation of a specific mitigation initiative in relation to the other proposed initiatives incorporated into the plan. Table 6.3 also provides the breakdown of the priority scores by criterion, including an estimated number of people who will benefit and cost to implement each initiative. These scores have been assigned according to the knowledge and discretion of the Task Force considering orders of magnitude not exact technical estimates.

Mitigation initiatives with higher point totals have higher priority. However, it would be a mistake to assume that only top priority initiatives should be considered for funding. High priority projects often require significant resources or money. In a post-disaster situation, for example after a hurricane, the amount of money available for hazard mitigation projects could be as little as \$30,000 or as much as \$1 million or more. Therefore, it is important to have initiatives with a range of costs that are rationally prioritized so that the jurisdictions can get the most value for the mitigation money they receive. Furthermore, simply because a mitigation initiative has high associated costs does not mean it is not cost effective. An initiative may yield significant benefits over the lifetime of the project that far outweighs the initial costs. In lieu of conducting formalized benefit-cost analyses, order of magnitude cost estimates were made by the Task Force assuming that less expensive projects would be easier to obtain funding for and could be implemented more readily.

The mitigation initiatives were assigned priority scores based upon the following criteria according to the county's goals for local mitigation and the program funding requirements of FEMA:

- Number of people (from 1 to 10,000 or more) who will benefit.
- The risk rating, according to the community, for the addressed hazard.
- Immediate need or post-disaster priority.
- Enhancement of special needs population or promotion of hazard awareness.
- Reduction of risk to structures that have been repetitively damaged.
- Critical facility or infrastructure.
- Environmentally sound.
- Technically feasible.
- Cost effective.
- Encourage cooperation among government entities.



Table 6.2 shows the point awarding system for establishing a priority score for each mitigation initiative. The maximum priority score is 100.

Table # 6.2 **Priority Scoring for Mitigation Initiatives**

Criterion	Category	Scoring
Number of people who will benefit	10,000 or more	10
	1,000 or more	8
	100 or more	6
	10 or more	4
	1 or more	2
Risk rating of addressed hazard	40 or more	10
	30-39	8
	20-29	6
	10-19	4
	Less than 10	2
Immediate need or post-disaster priority	Yes	10
Enhancement of special needs population or promotion of hazard awareness.	Yes	10
Reduction of risk to structures that have been repetitively damaged.	Yes	10
Environmentally sound.	Yes	10
Critical facility or infrastructure.	Yes	10
Technically feasible.	Yes	10
Cost effective.	Yes	10
Encourage cooperation among government entities.	Yes	10

Note: Projects in the “No” category receive a score of 0 for that criterion.



Table # 6.3

Mitigation Initiatives by Priority Score

Initiative Description	Scoring Criterion										
	Total Score	# People Benefiting	Risk Rating of Hazard	Need / Priority	Special Population	Repetitive damage	Environment	Critical Facility	Technically feasible	Cost Effective	Cooperation
Gulf County											
Project # 1 Protect the shoreline where US Highway 98 washes out in the Highland View Community area and along the Constitution Drive area of Port St. Joe.	90	10	10	10	0	10	10	10	10	10	10
Project # 2 Register and establish the Gulf County Citizen Corps.	90	10	10	10	10	10	5	5	10	10	10
Project # 3 County wide beach re-nourishment and dune restoration with an emphasis on the Stump Hole and St. Joe Peninsula areas.	88	8	10	10	0	10	10	10	10	10	10
Project # 4 Mitigate the effects of severe winds and storm surge on local businesses that perform essential services.	80	10	10	5	5	10	5	10	5	10	10
Project # 5 Ensure the county's Emergency Operations Center's (EOC) has the ability to support the needs of the county's residents, businesses and essential city and county services by maintaining state-of-the-art communications and operational support systems.	80	10	10	10	10	0	10	10	10	10	0



Initiative Description	Scoring Criterion										
	Total Score	# People Benefiting	Risk Rating of Hazard	Need / Priority	Special Population	Repetitive damage	Environment	Critical Facility	Technically feasible	Cost Effective	Cooperation
Project # 6 Purchase and install back-up generators for local businesses that perform essential services.	80	10	10	5	5	10	5	10	5	10	10
Project # 7 Acquire back-up generators for various mission essential critical facilities such and the future EMS building.	80	10	10	10	10	0	0	10	10	10	10
Project # 8 Conduct a shoreline erosion mitigation study to determine possible initiatives that can be undertaken to reduce future coastal erosion.	79	8	10	8	0	8	10	5	10	10	10
Project # 9 Design and facilitate a Disaster Resistant Business initiative to educate local business owners on the need to be prepared for future disasters.	79	8	10	8	0	10	5	8	10	10	10
Project # 10 Coordinate with Florida DOT and local land developers to move US Highway 98 away from the coast and to pave Parkwood Tram Road to be used as an alternate evacuation route for Highland View Area.	78	10	8	0	0	10	10	10	10	10	10
Project # 11 Work with Florida DOT to build a storm-proof roadway through the Stump Hole area.	76	8	8	0	0	10	10	10	10	10	10



Initiative Description	Scoring Criterion										
	Total Score	# People Benefiting	Risk Rating of Hazard	Need / Priority	Special Population	Repetitive damage	Environment	Critical Facility	Technically feasible	Cost Effective	Cooperation
Project # 15 Acquire, relocate or elevate structures in highly flood prone and repetitively damaged areas.	76	6	10	10	10	10	10	0	10	10	0
Project # 16 Mitigate the effects of severe winds and storm surge on low income owner occupied homes.	75	5	10	10	10	10	0	0	10	10	10
Project # 17 Identify and plot all repetitively flood prone real estate parcels on the county's real property tax role.	75	5	10	10	5	5	5	5	10	10	10
Project # 18 Identify Gulf County District School facilities in need of hurricane shuttering and / or other structural mitigation initiatives.	75	5	10	10	10	0	0	10	10	10	10
Project # 19 Require flood hazard disclosure in the deed for the sale or transfer of improved or unimproved property in the floodplain.	75	10	10	5	10	10	0	0	10	10	10
Project # 21 Improve current efforts to remove dead, dying or diseased trees or branches next to roadways and power lines.	70	5	10	5	5	5	5	5	10	10	10
Project # 22 Design and facilitate a household disaster resilience initiative to educate low income families to be prepared for future disasters.	70	5	10	10	10	0	5	0	10	10	10



Initiative Description	Scoring Criterion										
	Total Score	# People Benefiting	Risk Rating of Hazard	Need / Priority	Special Population	Repetitive damage	Environment	Critical Facility	Technically feasible	Cost Effective	Cooperation
Project # 23 Develop a countywide stormwater management plan.	70	10	10	0	0	10	10	0	10	10	10
Project # 24 Coordinate with the Florida DOT to add one or two additional lanes to State Road Rd 71.	68	10	8	0	0	0	10	10	10	10	10
Project # 25 Coordinate with Florida DOT to improve stormwater drainage in the Simmons Bayou area.	68	4	10	5	0	7	8	4	10	10	10
Project # 26 Elevate the back-up generator in Fair Point Communications Inc's telephone switching building.	68	10	8	0	0	10	10	10	10	10	0
Project # 27 Replace the existing 330 foot communications tower at the Courthouse Complex.	68	10	8	10	0	0	10	10	10	10	0
Project 28 Replace the existing 330 foot communications tower at the Courthouse annex in Wewahitchka.	68	10	8	10	0	0	10	10	10	10	0
Project # 37 Improve the disaster resistance of existing site built housing stock.	65	10	10	5	5	5	0	0	10	10	10



Initiative Description	Scoring Criterion										
	Total Score	# People Benefiting	Risk Rating of Hazard	Need / Priority	Special Population	Repetitive damage	Environment	Critical Facility	Technically feasible	Cost Effective	Cooperation
Project # 38 Purchase and install Smoke Alarms in low-income homes.	65	5	5	10	10	5	0	0	10	10	10
Project # 39 Purchase and install a countywide telephone emergency notification system.	60	10	10	0	10	0	10	0	10	10	0
Project # 40 Using the Gulf County Critical Facilities listing, identify facilities that need hurricane shuttering and / or other structural mitigation initiatives.	60	5	10	5	5	0	0	5	10	10	10
Project # 41 Stabilize the base of sandy clay roads throughout the county. This will lessen the possibility of damage due to flood events	60	10	5	10	0	5	0	0	10	10	10
Project # 42 In coordination with the Chamber of Commerce design and facilitate an ongoing offering of disaster education outreach activities targeting tourists, residents and business owners.	60	10	10	0	10	0	10	0	10	10	0
Project # 43 Conduct Community Emergency Response Team (CERT) training for neighborhoods residents and high school students.	60	5	10	5	5	0	5	0	10	10	10
Project # 44 Funding to purchase two variable message boards.	60	10	5	10	0	0	0	5	10	10	10



Initiative Description	Scoring Criterion										
	Total Score	# People Benefiting	Risk Rating of Hazard	Need / Priority	Special Population	Repetitive damage	Environment	Critical Facility	Technically feasible	Cost Effective	Cooperation
Project # 45 Post signs indicating high-water marks in coastal and river flood hazard areas.	58	8	10	0	10	0	10	0	10	10	0
Project # 46 Supply each real estate agency with a NOAA Weather Radio as part of an seasonal resident emergency notification system.	58	10	8	0	10	0	10	0	10	10	0
Project # 47 Extend the county's sewage and water service to the Overstreet area.	56	8	8	0	0	0	10	10	10	10	0
Project # 48 Identify a location for a temporary landfill for storm debris storage.	56	8	8	0	0	0	10	10	10	10	0
Project # 49 Identify and purchase equipment needed for responding to a hazardous materials release.	55	5	5	5	5	0	0	5	10	10	10
Project # 50 Lengthen all bridges and replace pipe culverts with box culverts on Doc Whitfield Road to allow flood waters to flow under the road instead of over it. This will lessen the possibility of community isolation during flood events.	55	5	5	10	0	5	0	0	10	10	10



Initiative Description	Scoring Criterion										
	Total Score	# People Benefiting	Risk Rating of Hazard	Need / Priority	Special Population	Repetitive damage	Environment	Critical Facility	Technically feasible	Cost Effective	Cooperation
Project # 51 Replace pipe culverts with low water crossings and / or fords on Saul's Creek Road. This will lessen the possibility of road damage due to high volumes of water going through culverts during flood events.	55	5	5	10	0	5	0	0	10	10	10
Project # 52 Replace pipe culverts with low water crossings and / or fords on Old Bay City Road. This will lessen the possibility of road damage due to high volumes of water going through culverts during flood events.	55	5	5	10	0	5	0	0	10	10	10
Project #53 Funding to upgrade guardrails to Florida Department of Transportation standards.	50	5	5	5	5	0	0	5	5	10	10
Project # 54 Funding to sandblast and paint all metal bridges.	50	5	5	5	5	0	0	5	5	10	10
Project # 55 Identify additional hazard data to satisfy element 7B which refers to the impact of hazards to the county in regards Code of Federal Regulations requirement 201.6 (2)(ii).	50	5	5	5	5	0	0	5	5	10	10
Port St. Joe											
Project # 12 Mitigate flooding at the Gulf Pines Hospital sewage lift station.	76	6	10	10	0	10	10	10	10	10	0



Initiative Description	Scoring Criterion										
	Total Score	# People Benefiting	Risk Rating of Hazard	Need / Priority	Special Population	Repetitive damage	Environment	Critical Facility	Technically feasible	Cost Effective	Cooperation
Project # 13 Mitigate flooding at the Port St. Joe High School sewage lift station.	76	6	10	10	0	10	10	10	10	10	0
Project # 14 Increase capacity / replace 1,000 feet of stormwater drainage pipe along US Highway 98 near the bridge and Avenues A through F to prevent water backing up.	76	6	10	10	0	10	10	10	10	10	0
Project # 20 Replace the back-up generator that serves City Hall, the Police Department and the Fire Station.	70	10	10	10	0	0	10	10	10	10	0
Project # 31 Acquire and install back-up generators for the city's sewage lift stations	68	10	8	0	0	10	10	10	10	10	0
Project # 35 Extend the city's sewage lines to Indian Pass in an effort to reduce or prevent repetitive damage to septic tanks and to improve water quality to local residents.	66	8	8	0	0	10	10	10	10	10	0
Project # 36 Extend the city's sewer lines to Beacon Hill in an effort to reduce or prevent repetitive damage to septic tanks.	66	8	8	0	0	10	10	10	10	10	0
Wewahitchka											



Initiative Description	Scoring Criterion										
	Total Score	# People Benefiting	Risk Rating of Hazard	Need / Priority	Special Population	Repetitive damage	Environment	Critical Facility	Technically feasible	Cost Effective	Cooperation
Project # 29 Flood proof the city's sewerage system where cost effective.	68	8	10	0	0	10	10	10	10	10	0
Project # 30 Retrofit the existing community center so that it can be used as a hurricane risk shelter.	68	8	10	10	0	0	10	10	10	10	0
Project # 32 Purchase and install a back-up generator for City Hall and the Fire Station.	68	8	10	10	0	0	10	10	10	10	0
Project # 33 Purchase and install back-up generators for the city's sewage lift stations.	68	8	10	10	0	0	10	10	10	10	0
Project # 34 Upgrade the city's water and sewage systems to meet or exceed the state and federal governmental requirements.	68	8	10	0	0	0	10	10	10	10	0



Completed Mitigation Initiatives

The implementation of the mitigation initiatives proposed as a result of the Task Force’s planning process is an important measure of the progress in implementation of the county’s LMS. As the participants in the planning are able to implement more and more of the proposed initiatives that have been incorporated into the LMS, the facilities, systems, and neighborhoods of the county can become more and more resistant to the impacts of future disasters. Table 6.4 lists the previous mitigation initiatives that have been completed at the time of the approval of this LMS.

Table # 6.4

Completed Mitigation Initiatives

Initiative Description	Date Proposed
Gulf County	
Install shutters on critical facilities.	10/99
Move the coastal building zone wind load construction specifications inland from the coast.	10/99
Acquire undeveloped lots around Stump Hole for public beach access.	10/99
Build a new storm resistance Emergency Operations Center (EOC) for the county.	10/99
Retrofit the county’s Health Department building.	10/99
Repave County Road 5.	7/01
Repave County Road 381.	Unsure
Improve Stormwater drainage at St. Joe Beach.	Unsure
Extend sewage service to White City.	Unsure
Retrofit the front entrance of the Sheriff’s Office to withstand hurricane force winds.	Unsure
Collect topographic and elevation data using airborne Light Detection and Ranging (LIDAR) technology.	2/05
Port St. Joe	
Install shutters on critical facilities.	10/99
Improve stormwater drainage along US Highway 98 and Marina Drive.	10/99
Reinforce 8th Street bridge.	10/99
Reinforce Monument Avenue bridge.	10/99
Improve stormwater drainage along Battle Street between Avenue a and Avenue F.	10/99



Improve stormwater drainage from Fair Point Communications Inc's parking lot.	10/99
Improve stormwater drainage for Washington School Recreation Center.	10/99
Mitigate flooding at 10th Street sewage lift station	Unsure
Wewahitchka	
Install shutters on critical facilities.	10/99
Install back-up generator for the city's water system.	10/99
Install back-up generator for sewage treatment plant.	Unsure

Removed Mitigation Initiatives

During the review and revision of the LMS no mitigation initiatives were removed from the listing.

Mitigation for New Buildings and Infrastructure

Many of the mitigation projects created by the Task Force attempt to remedy the vulnerability of existing buildings and infrastructure to current hazards. However, initiatives have been included to reduce the effects of hazards on new buildings and infrastructure. For example, the county would like to develop a stormwater management plan, potentially using funds from the Northwest Florida Water Management District. Hopefully, this initiative will be a positive step towards mitigating non-point pollution for the county's many water bodies, reduce runoff, and decrease damage to buildings. In addition, the entire county is undertaking initiatives to provide hazard awareness materials and workshops focusing on rip tide, weather conditions, and emergency situations through realtors and the Chamber of Commerce to tourists, new residents, business owners, builders and contractors. This effort may lead to greater preparedness by everyone involved with and affected by the county's development. Hazard and mitigation awareness may result in the implementation of better building practices by contractors and developers.

The Priority for Initiative Implementation

As a part of the planning process, the Task Force periodically reviews the proposed mitigation initiatives approved for incorporation into the plan. This assessment provides guidance to the individual jurisdictions and organizations proposing the initiatives. However, because each participating jurisdiction or organization has independent authority and responsibility for implementation of their proposed mitigation initiatives, they retain the prerogative to act in their own interests, using their own priorities for mitigation initiative implementation.



The Task Force has chosen not to establish an implementation priority for proposed mitigation initiatives beyond the aforementioned priority score. Implementation of an initiative depends heavily on a jurisdiction's current judgment of the situation and the likelihood of obtaining resources for mitigation initiative implementation. These resources may range from the normal budgeting process for the jurisdiction or organization to seeking state or federal financial or technical support for implementation of the initiative. This priority for implementation may vary in time, depending on the conditions in the community, recent disaster experience, and similar factors. While generally it would be expected to consider the priority score assigned to each initiative, the priority for implementation will differ somewhat from strict application of the score, due to the importance of current conditions and circumstances in the community. Generally, implementation of an initiative begins as soon as financial resources are available.

Effectiveness of Mitigation Initiatives

Of course, the true measure of progress in the implementation of mitigation initiatives is their success in saving lives, avoiding property damage and protecting valuable or irreplaceable resources in the community. As the mitigation initiatives that have been incorporated into the county's LMS are implemented, there will be more opportunities to measure the "success" of the Task Force's mitigation efforts.

The best opportunity for measuring this success is to evaluate the community's experience with actual disasters and to attempt to estimate the number of lives that were saved by the implemented initiatives or the value of the property protected from disaster-related damage. Future updates of the LMS will provide such estimates of "mitigation success" based on recent disaster experience in the county. In addition, recent disaster events can be very helpful in highlighting the mitigation needs of the community based on the type, location, or magnitude of the impacts experienced. In turn, this can be a major factor in the future progress of implementation of the plan, as the Task Force considers and acts on actual disaster experience by the community. Future recommendations will be referred to a "lead" agency with the intention that the organization will use the information to propose additional mitigation initiatives for incorporation into the LMS.

The Task Force recognizes that it will take a long period of time and implementation of many if not all of the proposed initiatives approved for the LMS, to make the county a truly disaster-resistant community. However, the continuing dedication to the safety and welfare of the community shown by the participants in this planning process will make this ambitious goal possible.

