Osceola County LMS Working Group Mitigation Initiative List- Unassigned

Priority Number	Project Name	Description	Hazard	Est. Time Frame for Completion	Responsible Jurisdiction	Point of Contact	Jurisdictions Benefited	Date Added to List	Potential Funding Sources	Total Est. Cost	Project Score
1	Toho Water Authorithy - Emergency Generators and Bypass Pumps	Project to construct emergency bypass pumps for 10 critical lift stations, and 4 emergency generators for 2 wells, 1 water treatment plant, and 1 wastewater plant.	Tropical Cyclone, Flooding, Severe Thunderstorm	36 Months	Osceola County, Toho Water Authority	Robert Pelham, Director of Engineering Services	City of Kissimmee, and Poinciana, Unincorporated Osceola County	3/9/2023	FEMA, HMGP	$5.033,700.00	39.24
2	Hoagland Property Acqusition	Acquisition of up to 20 homes along Shingle Creek at Hoagland blvd. Properties are on Hoagland, Marsh Road and Knowles blvd. All 20 were flooded in Ian and may have flooded in Irma. Acquired properties to be restored to natural state with pedestrian trail from Marsh Landing to Lancaster Ranch Park.	Flooding	30 Months	Osceola County	Linette Matheny, Assistant County Engineer	Osceola County, City of Kissimmee	3/10/2023	FDEM, FEMA	$9,000,000.00	35.16
3	Mill Creek Property Aqusition	Acquisition of up to 6 homes at the eastern end of Mill Creek Circle. All 6 were flooded in Ian and may have flooded in Irma. Acquired properties to be restored to natural state	Flooding	30 Months	Osceola County	Linette Matheny, Assistant County Engineer	Osceola County, City of Kissimmee	3/11/2023	FDEM, FEMA	$2,400,000.00	35.16
4	Critical Facility Generators	Replacement of five (5) mobile 200kW/250kVA generators that serve as back-up power during emergencies for shelter locations, healthcare facilities, and other critical infrastructure throughout the county; current generators will be retained in inventory to serve as additional back-up, expanding response capabilities	All Hazards	>12 Months	Osceola County	Bill Litton, Emergency Management Director	Countywide	9/11/2022	HMGP, BRIC	$1,255,893	41.24
5	Lift Station Emergency Power	Purchase of permanent generators to use at lift stations in the event of an extended power outage. And pigtail installation.	Flooding, Hurricane, Severe Weather, Lightning, Tornado	>12 Months	City of St. Cloud; Toho Water Authority	Cameron Crandell, Deputy Public Works Director	Countywide	2/19/2015	HMGP, PDM	$75,000/each	
6	Mitigate Flooding on 17th Street	On 17th Street at the Senior Special Needs Shelter, flooding occurs. Need to raise the road about three feet, rebuild the drainage system, and install curb units.	Flooding	>12 Months	City of St. Cloud	Cameron Crandell, Deputy Public Works Director	City of St. Cloud	2/19/2015	HMGP, PDM	$750,003	
7	City Hall Hardening	Provide permanent hardening of the City Hall building using high impact rated aluminum curtainwall and storefront along with glazing. Mitigation of building would impact approximately 700 employees. Building currently houses City IT Department, Building Services, Fire Administration, Public Works, and Records.	Hurricane, Tornado, Severe Weather	183 Days	City of Kissimmee	Nagel Altrui, Street and Stormwater Manager	City of Kissimmee	2/19/2015	HMGP, PDM	$4.5 Million	
8	Uniform Emergency Connections	Need uniform emergency connections for pumps and generators standard plug receptacles. Change out non-standard plugs and pre-make generator pig tails.	All Hazards	>12 Months	City of St. Cloud	Cameron Crandell, Deputy Public Works Directorr	Countywide	2/19/2015	HMGP, PDM	$15,000/each	
9	St. Cloud Fire Facilities Generator Improvements	Improvements to the generator enclosures and emergency generator connectors at Fire Stations #31, #32, and #33.	Tropical Cyclone	14 Months	City of St. Cloud	Dara Hennessey, Deputy Chief of Administration	City of St. Cloud	9/11/2021	HMGP	$350,002	
10	Fire Logistics Building Hardening	Hardening of the Fire Logistics Building to include storm shutters, impact windows, roof improvements, garage do	Tropical Cyclone	14 Months	City of St. Cloud	Dara Hennessey, Deputy Chief of Administration	City of St. Cloud	9/11/2021	HMGP	$400,002	
11	Fire Station #32 Hardening	Hardening of Fire Station #32 to include storm shutters, impact windows, roof improvements, etc.	Tropical Cyclone	14 Months	City of St. Cloud	Dara Hennessey, Deputy Chief of Administration	City of St. Cloud	9/11/2021	HMGP	$500,002	
12	161 Acre Site Aquifer Storage and Recovery Drought Mitigation	Aquifer Storage and Recovery project consisting of installing new Floridan aquifer groundwater wells, associated water treatment plant, and high service pumping	Climate Change	36 Months	Toho Water Authority	Robert Pelham, Director of Engineering Services	City of Kissimmee, Osceola County Unincorporated Osceola County Poinciana	12/10/2021	HMGP, BRIC	$97,020,001	
13	Central & Southern Florida Hydrologic Model Updates & Infrastructure Improvements	The Central & Southern Florida (CS&F) System is the flood control system that regulates lake stages and drainage flow south. It was designed and constructed in the 1950s-1960s using the existing land use at that time to provide a level of service for a 10 year storm event. Development, as well as other factors, decreased the designed flood protection level of service by over 1/2 in the most of the upper Kissimmee Basin. There is also an unaccounted for drainage area outside the jurisdiction of SFWMD that drains to the C&SF system. Local, State & Federal partnerships would be needed. Phase 1 of this project includes updating the current SFWMD integrated watershed model for the CS&F system to address unaccounted for drainage flows from outside the SFWMD boundaries. The flood control level of service would be determined (FY17-FY18). Phase 2 includes a level of service impact analysis of operational and structural modifications as well as costs and recommendations for implementation. Phase 3 consists of Environmental Impact Studies and Federal approval permitting and implementation of structural and operational modifications.	Flooding	Ph.1 (Modeling Update) – 24-36 months Estimated to be a 20 year project from model update to C&SF infrastructure and operation modifications	South Florida Water Management District	Kathy LaMartina, Regional Representative	Osceola County, City of Kissimmee, City of St. Cloud, Deseret Ranches, SFWMD, SJRWMD	4/2/2015	HMGP, SFWMD, SJRWMD, local government entities, Florida Legislative Funding	Phase 1: $8,500,001	37.94