

Osceola County LMS Working Group Mitigation Initiative List- Unassigned										
Priority Number	Project Name	Description	Hazard	Estimated Project Timeframe	Responsible Jurisdiction	Point of Contact	Jurisdictions Benefited	Date Added to List	Total Estimated Cost	Project Score
1	Toho Water Authority - Emergency Generators and Bypass Stations	Install 9 permanent bypass pumps and 12 permanent generators to service wells, water treatment plants, and wastewater facilities throughout the county. Placement of 2 portable bypass pumps and 5 portable generators for deployment as needed.	Tropical Cyclone, Flooding, Severe Thunderstorm	36 months	Osceola County; Toho Water Authority	Robert Pelham, Director of Engineering Services	City of Kissimmee, Poinciana, Osceola County	8/16/2023	\$14,867,175.73	48.24
2	Oak Leaf Landings- Emergency Generators	Installation of permanent emergency generators at Oak Leaf Landings, one of Osceola County's designated special needs shelters.	Tropical Cyclone, Flooding, Tornado, Severe Thunderstorm	9 months	Osceola Council on Aging	Chuck Berkau, SVP Operations	Countywide (special needs population)	8/16/2023	\$90,000.00	37.41
3	City of Saint Cloud- Rapid Deployment Dam System	Mobile dam system and three water pumps for primary use at C-31 Canal and lakefront.	Tropical Cylone, Flooding	6 months	City of Saint Cloud	Cameron Crandell, Deputy Public Works Director	City of Saint Cloud	8/16/2023	\$1,550,000.00	39.70
4	City of Kissimmee- Critical Facility Generators	Installation of permanent emergency generators at 4 critical facilities within the City of Kissimmee, including Kissimmee Police Station, Central Services Complex, City Hall, and Fire Station #14.	Tropical Cyclone, Flooding, Severe Thunderstorm	12 months	City of Kissimmee	Nagel Altrui, Street and Stormwater Manager	City of Saint Cloud, Osceola County	8/16/2023	\$2,000,000.00	38.24
5	Osceola County- Traffic Signal Retrofit	Design and construction of 5 traffic signal upgrades to meet higher wind ratings at key intersections along Osceola County evacuation routes.	Tropical Cyclone, Tornado, Severe Thunderstorm	41 months	Osceola County	Ghassan Chouieri, Transportation Engineer	Poinciana, City of Kissimmee, Osceola County	8/16/2023	\$4,080,955.43	36.24
6	SFWMD- S-59 Structure Enhancement and C-31 Canal Conveyance Improvements	Construction of a new spillway, electrical work to S-59, widening of C-31, and rip rap improvements.	Tropical Cyclone, Flooding	60 months	South Florida Water Management District	Carolina Ana Maran, District Resiliency Officer	City of Saint Cloud, City of Kissimmee, Osceola County	8/16/2023	\$39,308,208.00	44.24
7	SFWMD- S-58 Structure Enhancement and Pump	Removal of existing structure, installation of 2 gated spillways with remote operation capability, installation of permanent pump platforms to accommodate pump deployment, and purchase of 2 portable pumps.	Tropical Cyclone, Flooding	60 months	South Florida Water Management District	Carolina Ana Maran, District Resiliency Officer	Osceola County	8/16/2023	\$42,545,431.00	44.24
8	SFWMD- S-61 Spillway Enhancement and Erosion Control	Construction of 2 gated spillways, demolition of existing spillway, reconstruction of peninsula, and rip rap improvements.	Tropical Cyclone, Flooding	60 months	South Florida Water Management District	Carolina Ana Maran, District Resiliency Officer	Osceola County	8/16/2023	\$40,027,611.00	42.24
9	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 Director	Countywide	2/19/2015	\$15,000/each	
10	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		City of Saint Cloud	9/11/2021	\$350,000.00	
11	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		City of Saint Cloud	9/11/2021	\$400,000.00	
12	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		City of Saint Cloud	9/11/2021	\$500,000.00	
13	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, Poinciana, Osceola County	12/10/2021	\$97,020,000.00	
14	Toho Water Authority- Gravity Sewer Rehabilitation and Replacement	Replace or rehabilitate gravity sewers and manholes to limit the ability of inflow to enter the system and reduce or eliminate wastewater spills and subsequent health hazards.	Tropical Cyclone, Flooding, Severe Thunderstorm	36 months	Toho Water Authority	Robert Pelham, Director of Engineering Services	City of Kissimmee, Poinciana, Osceola County	6/8/2023	\$7,492,000.00	
15	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	\$1,255,893.00	41.24
16	Lift Station Emergency Power	Purchase of permanent generators to use at lift stations in the event of an extended power outage. And pigtail installation.	Tropical Cyclone, Flooding, Tornado, Severe Thunderstorm	>12 months	Toho Water Authority	Robert Pelham, Director of Engineering Services	Countywide	2/19/2015	\$75,000/each	
17	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 Saint Cloud	2/19/2015	\$750,003.00	
18	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.	Tropical Cyclone, Tornado, Severe Thunderstorm	6 months	City of Kissimmee	Nagel Altrui, Street and Stormwater Manager	City of Kissimmee	2/19/2015	\$4,500,000.00	
19	Hoagland Property Acquisition	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	\$9,000,000.00	35.16
20	Mill Creek Property Acquisition	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	\$2,400,000.00	35.16