Local Mitigation Strategy Working Group

Regular Meeting- December 8, 2022

Agenda

- Attendance
- Approval of Agenda
- Membership Updates
- Approval of Minutes
- Hear the Audience
- Committee Reports
- Project Priority List
- Discussion Items
- Adjournment

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Attendance

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Approval of Agenda

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Membership Updates

- Orlando Utilities Commission
- New member representatives
- Approval of Membership List

Voting Members

Osceola County (3)
City of Kissimmee (3)
City of Saint Cloud (3)
School District of Osceola County (1)
Kissimmee Utility Authority (1)
Toho Water Authority (1)
Private Business Sector (1)
- Osceola Engineering
- Pegasus Engineering

Non-Profit Sector (1)
- Osceola REDI

Public-At-Large (1)

Non-Voting Participants

Reedy Creek Improvement District
South Florida Water Management District
St. Johns River Water Management District
Florida Department of Transportation
SkyWater Technology
Orlando Health
Red Cross
Good Samaritan Society

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Approval of Minutes

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Hear the Audience

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Committee Reports

- Substantial Damage Subcommittee
- Public Involvement Subcommittee
- Project Prioritization Subcommittee

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Committee Reports

Substantial Damage Subcommittee

- Nearly every Substantial Damage Database property in the County and City of Kissimmee received major damage
- Current estimate of flood damaged structures alone is approximately $20,505,364.50
- Analysis of flood extent based on Flood Insurance Rate Maps continues
  - Extents in certain areas shown to exceed the .2% (500 year) mark
  - Running new high-resolution models which continue to shed light on both depth and extent

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Committee Reports

Public Involvement Subcommittee

- Osceola County Office of Emergency Management's Strategic Plan- Social Media Public Outreach Program
- Website Improvements
  - ArcGIS Dashboard
- Branding
- Next meeting- January 12

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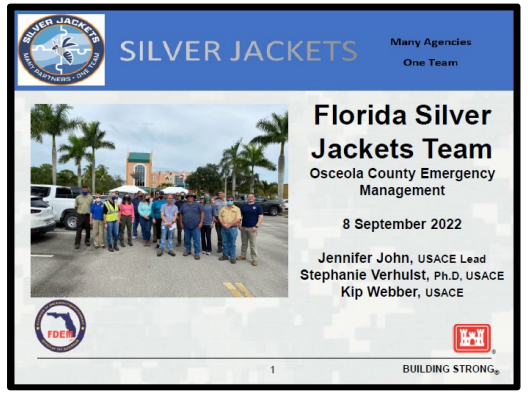
Committee Reports

Project Prioritization Subcommittee

- Florida Silver Jackets- Project Site Tour
- FDEM Presentation
- Next meeting- February 9
  - New project submissions due by February 2



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Project Priority List

- Updates
- New Project Submissions
- Approval of Project List
- Other Community Mitigation Projects

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Project Priority List

Updates

- **Unassigned**
  - Jackson Street and Aultman Road Culvert Replacement projects
    - Removed after adjusted BCA was completed
  - Pennywash Bridge and Wolf Creek Bridge projects
    - Removed after adjusted BCA was completed
  - Kaiser Avenue Repetitive Loss Property Relocation project
    - Removed due to reduction in flooding concerns
  - Hamilton's Reserve Repetitive Loss Property Relocation Project
    - Removed after repairs have been made to the stormwater system

- **HMGP**
  - Hurricane Matthew (DR-4283)
    - Princess Way Drainage Improvements project
      - Complete and finalized by FDEM and FEMA
  - Hurricane Irma (DR-4337)
    - Simpson Road Outfall project
      - Phase 1 submittals have been sent to FDEM for Phase 2 review
  - Hurricane Michael (DR-4399)
    - Woodside Drainage project
      - City of Kissimmee has been awarded $3.4m, construction is to start in 2023
  - Hurricane Dorian (DR-4468)
    - Traffic Signal Upgrades project
      - Final contract received, project to go out to bid
  - COVID-19 (DR-4486)
    - Magnolia Bridge project
      - Under review with FDEM
- **BRIC**

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Project Priority List

New Project Submissions

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Project Priority List

Approval of Project List

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
1	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	9/8/2022	HMGP, BRIC	$1,255,890
2	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	Greater than 12 Months	City of St. Cloud; Toho Water Authority	Cameron Crandell, Deputy Public Works Director	Countywide	2/16/2015	HMGP, PDM	$75,000/each
3	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	2/16/2015	HMGP, PDM	$750,000
4	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	180 Days	City of Kissimmee	Nagel Altrui, Street and Stormwater Manager	City of Kissimmee	2/16/2015	HMGP, PDM	$4.5 Million
5	Uniform Emergency Connections specify what buildings	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	2/16/2015	HMGP, PDM	$15,000/each
6	Marsh Road - **Repetitive Loss Property**	Relocation of the building to a flood free site. The Mitigation of the flood risk to these repetitive loss properties will reduce the overall costs to the NFIP as well as to individual homeowner.	Flooding	>12 Months	Property Owner	Susan Gosselin, Natural Resource Manager	Osceola County	2/14/2011	HMGP, PDM, FMA, RFC, SRL	$63,375
7	St. Cloud Fire Facilities Generator Improvements	Improvements to the generator enclosures and emergency generator connectors at Fire Stations #31, #32, and #33.	Tropical Cyclone	12 Months	City of St. Cloud	Dara Hennessey, Deputy Chief of Administration	City of St. Cloud	9/9/2021	HMGP	$350,000
8	Fire Logistics Building Hardening	Hardening of the Fire Logistics Building to include storm shutters, impact windows, roof improvements, garage do	Tropical Cyclone	12 Months	City of St. Cloud	Dara Hennessey, Deputy Chief of Administration	City of St. Cloud	9/9/2021	HMGP	$400,000
9	Fire Station #32 Hardening	Hardening of Fire Station #32 to include storm shutters, impact windows, roof improvements, etc.	Tropical Cyclone	12 Months	City of St. Cloud	Dara Hennessey, Deputy Chief of Administration	City of St. Cloud	9/9/2021	HMGP	$500,000
10	Buenaventura Lakes Water Treatment Plant Upgrade	Capacity and efficiency improvements	Flooding	18 Months	Toho Water Authority	Robert Pelham, Director of Engineering Services	City of Kissimmee, Osceola County Unincorporated Osceola County Poinciana	12/9/2021	HMGP	$7,943,000
11	160 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	12/9/2021	HMGP, BRIC	$97,020,000
12	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	4/1/2015	HMGP, SFWMD, SJRWMD, local government entities, Florida Legislative Funding	Phase 1: $8,500,000
13	Old Canoe Creek Road Metal Culvert Replacement	Replacement of culverts for Old Canoe Creek Road	Flooding	Varies depending on the project 12 Months to 2 Years	Osceola County	Linette Matheny, Assistant County Engineer	Osceola County	4/1/2015	HMGP, PDM	$500,000

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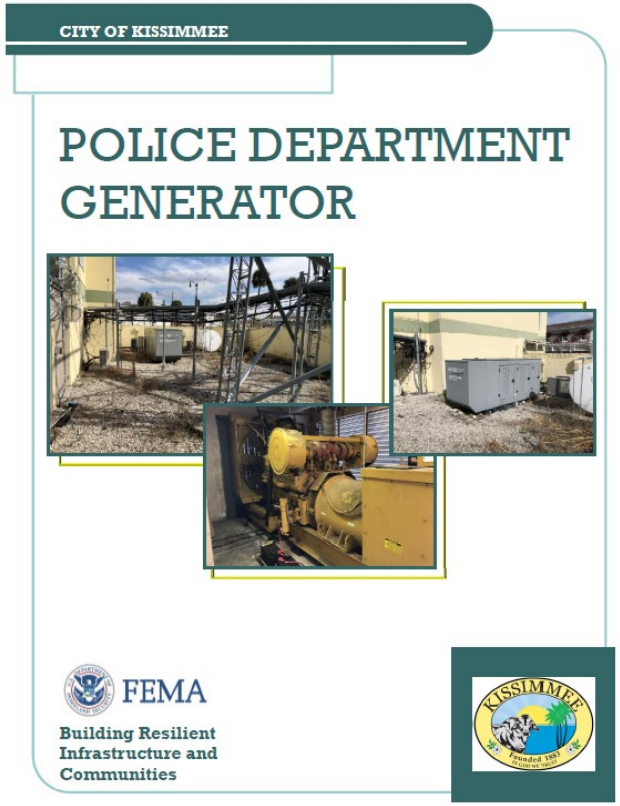
Project Priority List

Other Community Mitigation Projects

- City of Kissimmee- Police Department Generators
  - KPD (8 North Stewart Avenue)
    - 500 kWe
    - 6,000 gallon below-ground diesel storage (227 hour operating capacity)
    - LPG continuous feed
  - 911 Communications (400 West Mabbette Street)
    - 60kWe
    - 300 gallon above ground diesel storage (65 hour operating capacity)
    - LPG continuous feed



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Discussion Items

- Plan Updates
- Program Updates
- Funding Opportunities
- Training Opportunities
- Meeting Updates

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Discussion Items

Plan Updates

- Osceola County Office of Emergency Management's Strategic Plan- Hazard profiling
- Project assessments

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Discussion Items

Program Updates

- Osceola County Office of Emergency Management's Strategic Plan- Newsletter
- Membership recruitment
- Bylaws review

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Discussion Items

Funding Opportunities

- HMGP-DR-4673 Hurricane Ian
- Water Resources Development Act 2022
  - Shingle Creek- ecosystem restoration and water storage
  - Runnymeade- ecosystem restoration
  - Lake Tohopekaliga- ecosystem restoration and flood risk management
- My Safe Florida Home
  - Wind Mitigation Home Inspections
  - Wind Mitigation Grant awards

WRDA

WATER RESOURCES DEVELOPMENT ACT OF 2022

My Safe FL Home

Stronger Homes. Safer Florida.

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Discussion Items

Training Opportunities

- FL-601 Preliminary Damage Assessment (January 4)
- FL-603 Public Assistance Grant Program (March 16)
- FL-608 Emergency Work Eligibility (March 16)
- FL-609 Permanent Work Eligibility (June 1)

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Discussion Items

Meeting Updates

- FDEM Mitigate FL (December 13)
- Florida Silver Jackets (December 20)
- FEPA Mitigation Working Group (December 16)

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Adjournment

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Local Mitigation Strategy Working Group

Next Regular Meeting- March 9, 2023

Previous and upcoming LMS Working Group meeting dates, materials, minutes, and recordings are available on Osceola County's website at https://www.osceola.org/about-osceola-county/county-meetings/local-mitigation-strategy.stml

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