

Osceola County Local Mitigation Strategy Project Checklist

Project Name: Toho Water Authority Gravity Sewer Rehabilitation / Replacement - Flood Mitigation	
Agency: Toho Water Authority	Submission Date: 05/10/2023

The LMS Project Checklist identifies the minimum criteria a project must meet to move forward in the approval and prioritization process. Project submissions must include, at a minimum, documentation such as figures or exhibits, a preliminary construction cost estimate, and other supplemental material that may provide sufficient detail to support the project (example: photographs that document flooding or wind damage). The documentation submitted should demonstrate that the project is viable and the submitting agency has performed its due diligence in preparation. Projects will be reviewed annually to ensure that they remain consistent with LMS goals and project categories, funding requirements, State & Federal guidance, and current best practices. Additionally, projects must include a benefit-cost analysis using the tool provided by FEMA at the following website:

<https://www.fema.gov/grants/guidance-tools/benefit-cost-analysis>

Eligibility Criteria	Initial to confirm criterion is met	
	Project Agency	Subcommittee
Mitigates one or more hazards identified in LMS	RFP	
Aligns with one or more LMS Project Categories	RFP	
Aligns with one or more LMS Goals	RFP	
Supports one or more State and/or FEMA Community Lifelines	RFP	
Benefit-cost analysis completed		
Funding Match is available from the Agency	RFP	
Project passes historical/environmental review	RFP	
Supplemental materials, such as figures, exhibits, cost estimates, and photographs, are included		

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Project Name: Toho Water Authority Gravity Sewer Rehabilitation / Replacement - Flood Mitigation				Submission Date: 5/10/23
Primary Agency: Toho Water Authority	Partner Agencies: None	Jurisdictions Benefited: <small>Kissimmee, Polk, and unincorporated areas of Osceola Co.</small>	Address: 951 MLK Jr. Blvd. Kissimmee, FL 34741	GPS: Multiple Locations
			Flood Zone: <small>See Comments</small>	USNG: N/A

Primary Contact:	Secondary Contact:	Estimated Project Cost:	Project Timeframe:
Name: Robert Pelham	Name: John Fogarty	\$7,492,000.00	Project will be complete within 36 months from the date of agreement execution.
		Estimated Annual Maintenance Cost:	
Agency: Toho Water Authority	Agency: Toho Water Authority	Benefit Cost Analysis: Project submissions must include a benefit cost analysis. Projects with a BCA less than 1 will not be considered. https://www.fema.gov/fact-sheet/fema-bca-toolkit-60-installation-instructions	
Email: rpelham@tohowater.com	Email: jfogarty@tohowater.com		
Phone: 407-709-3677	Phone: 321-290-7570		BCA: TBD

List Potential Funding Sources

Primary Funding Source(s):	FEMA HMGP (75%)	\$5,619,375
Local Cost-Share(s) (Match) and Maintenance:	Toho Water Authority Local Math (25%)	\$1,873,125

Primary Community Benefit:

Protection of Public Health and Safety

Primary LMS Category:

Critical Infrastructure/Facility Protection & Mitigation

*Primary LMS Goal:

To minimize disruption to the community's infrastructure from a disaster

*Primary Community Lifeline:

Safety and Security

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Additional Project Information:	
Population Benefited: Project affects between 1,000 and 50,000 people	CRS Elements Addressed: None
Project Lifespan: 40 or more years	Mitigates Repetitive Loss: Yes <input type="radio"/> No <input checked="" type="radio"/> Attach relevant documentation if applicable
Project Status: Conceptual	Benefits Critical Facilities: Yes <input checked="" type="radio"/> No <input type="radio"/> Benefits Critical infrastructure: Yes <input checked="" type="radio"/> No <input type="radio"/>
Social Vulnerability Index: Project submissions will be scored using the social vulnerability index provided with the FEMA national risk index: https://hazards.fema.gov/nri/map	Consistency with Additional Long Range Plans: Examples: Comprehensive plans, floodplain management plan, etcetera Toho Water Authority Capital Improvement Plan
SVI:	TBD
Primary Hazards Addressed:	
Tropical Cyclone <input checked="" type="checkbox"/> Flooding <input checked="" type="checkbox"/> Tornado <input type="checkbox"/> Wildfire <input type="checkbox"/> Severe Thunderstorm <input checked="" type="checkbox"/> Pandemic <input type="checkbox"/> Agriculture/Livestock Disease <input type="checkbox"/> Geomagnetic Storm Sinkhole <input type="checkbox"/> Climate Change <input type="checkbox"/> <input type="checkbox"/>	Cyber Attack <input type="checkbox"/> Terrorism <input type="checkbox"/> Nuclear Facility Incident <input type="checkbox"/> Civil Unrest <input type="checkbox"/> Mass Migration <input type="checkbox"/> Transportation Incident <input type="checkbox"/> Hazardous Material Release <input type="checkbox"/>

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Project Description:

This project will replace or rehabilitate gravity sewers and manholes resulting in wastewater spills from flooding events caused by hurricanes. The condition of the sewers and manholes allows inflow from flooding events and heavy rainfall to enter the sewer system. The additional water entering the sewer system exceeds the capacity of the system resulting in wastewater spills mixing with flood waters causing a health hazard to the public. Rehabilitating or replacing the gravity system and manholes will reduce or eliminate the ability of inflow to enter the system and reduce or eliminate wastewater spills and the health hazard. The areas served by gravity sewers discharge to wastewater pump stations are basins. Three basins in the City of Kissimmee and surrounding area with recorded flooding and wastewater spills are included in this submittal and include a minimum 1,260 ft. of gravity sewer ranging in size 8 to 18 inches and associated manholes.

Potential Disruption to Local Community:

Moderate. Temp. traffic impact during construction.

Potential Regulatory Compliance Issues:

None anticipated.