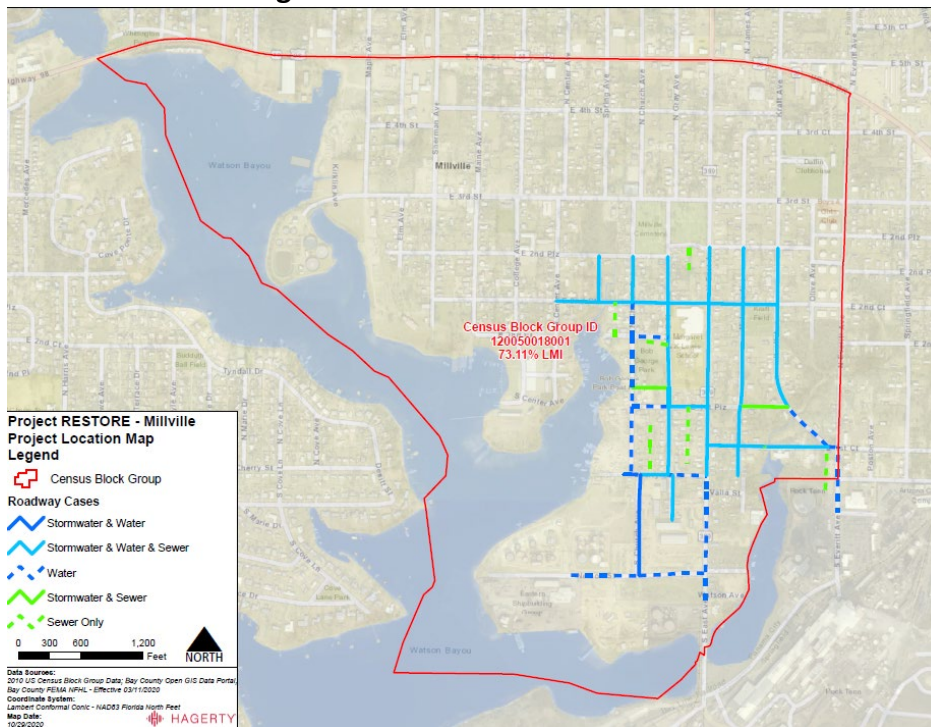


## Community Development Block Grant Disaster Recovery (CDBG-DR) Project RESTORE Infrastructure Program

On October 10, 2018, Hurricane Michael made landfall in the state of Florida as a Category 5 hurricane, causing unprecedented damage to housing, businesses and infrastructure in Florida's Panhandle. The impacts of Hurricane Michael demonstrated the need for an effective, comprehensive long-term recovery plan that would address and meet the remaining needs of Floridians following this catastrophic event. In the wake of this natural disaster, Florida came together to recover and rebuild, but significant unmet needs remain.

Recognizing this, Congress appropriated, and the U.S. Department of Housing and Urban Development (HUD) allocated funding to support long-term recovery efforts following Hurricane Michael through Florida Commerce's (FC) Community Development Block Grant Disaster Recovery (CDBG-DR) Program.

### CDBG-DR Project RESTORE Millville Infrastructure Project Florida Commerce Agreement No.: M0007



The City of Panama City has been awarded \$21,686,552.47 of CDBG-DR funds for the Project RESTORE-Millville Area project. Hurricane Michael's stormwater and wind caused immense destruction to the infrastructure systems of the Millville Area. Severe and persistent flooding, the backing up of sewer lines, inflow and infiltration, and a loss of critical water transmission services/clean drinking water inflow are continually in this area's water, sewer, and stormwater systems.

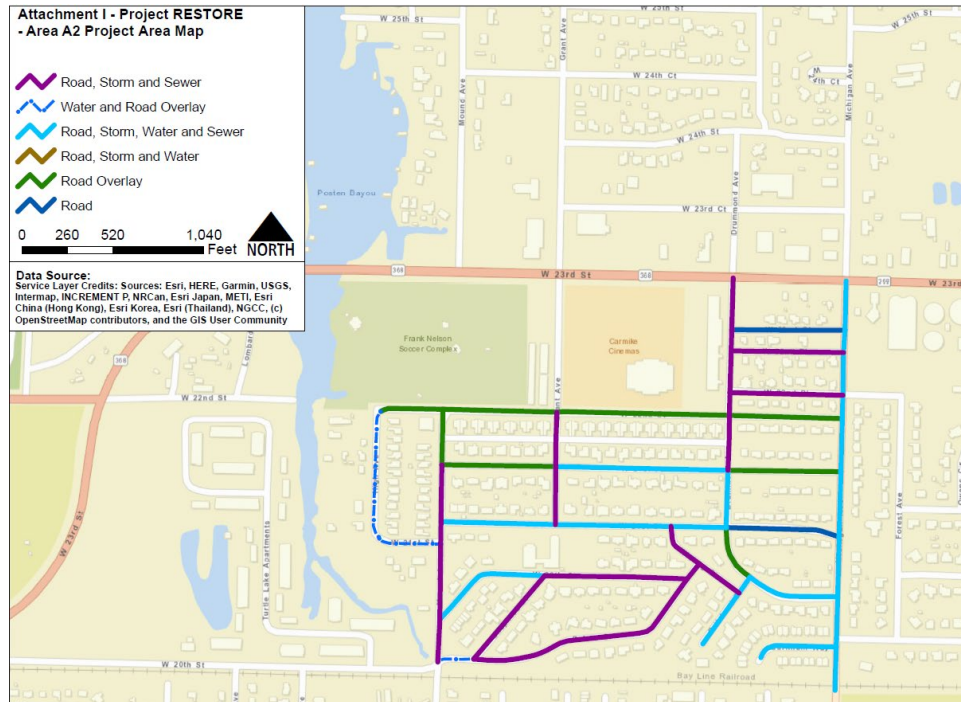
This project will consist of the repair/and or rehabilitation of vital water, sewer and stormwater systems in the Millville Community of the City of Panama City. Work under this project will include the replacement of 3.11 miles of damaged sanitary sewer lines, 0.16 miles of damaged stormwater lines, and 3.96 miles of damaged water main.

**Design Engineering Firm(s):** Barge, Anchor CEI, and Mott MacDonald

**Construction Contractors:** Gulf Coast Utility Contractors and Mainline

**For any inquiries or complaints regarding construction contact:** Jennifer Aldridge  
[jaldridge@panamacity.gov](mailto:jaldridge@panamacity.gov).

**CDBG-DR Project RESTORE Area A2 Infrastructure Project**  
**Florida Commerce Agreement No.: M0116**



The City of Panama City has been awarded \$18,297,727.18 of CDBG-DR funds for the Project RESTORE-Area A2 Project. Since Hurricane Michael, the damage to the water, sewer, and storm pipes, caused by uprooted trees that shifted the ground where lines are placed, strained the connection lengths of pipes and heavily impacted street surfaces, potentially cracking the pipes that lie underneath the tree. Pipes have begun to fail, with evidence of recurring surface flooding, poor water quality, and sewage water overflowing into streets during normal and heavy rainfall events.

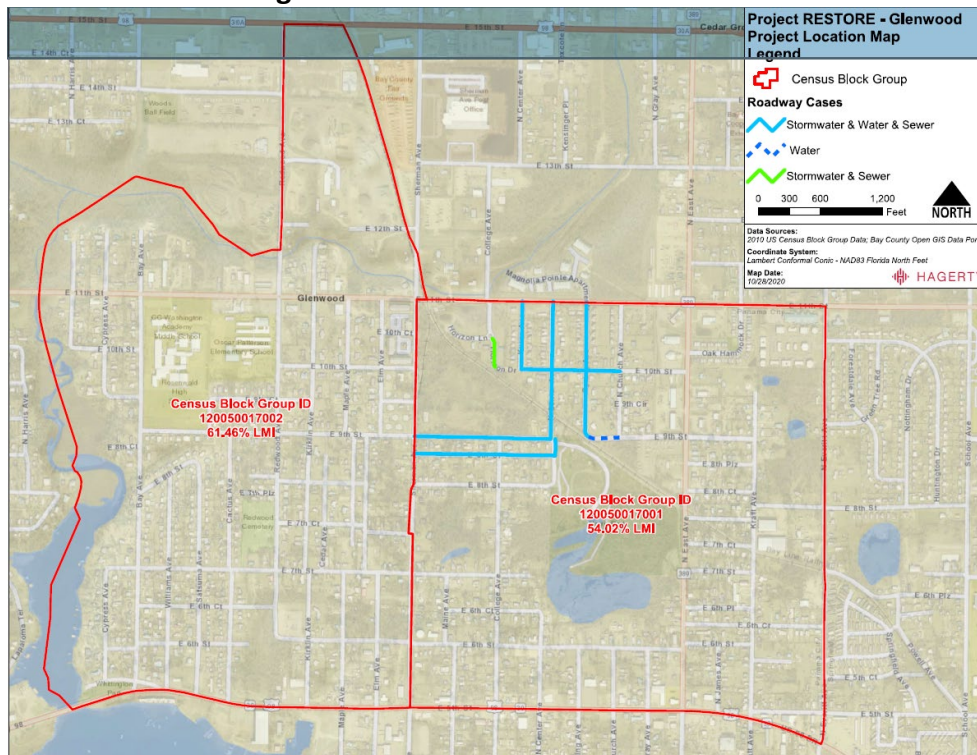
This project will consist of replacing up to 3 miles of damaged sanitary sewer line, up to 2.42 miles of damaged stormwater lines, and up to 2.42 miles of damaged water lines.

**Design Engineering Firm(s):** Baskerville Donovan, Gortemoller Engineering, and Panhandle Engineering

**Construction Contractors:** Extreme Land Clearing and Excavation

**For any inquiries or complaints regarding construction contact:** Jennifer Aldridge  
[jaldridge@panamacity.gov](mailto:jaldridge@panamacity.gov).

### CDBG-DR Project RESTORE Glenwood Area Infrastructure Project Florida Commerce Agreement No.: M0166



The City of Panama City has been awarded \$11,888,559.08 of CDBG-DR funds for the Project RESTORE-Glenwood Area Project. Since Hurricane Michael, the damage to the water, sewer, and storm pipes, caused by uprooted trees that shifted the ground where lines are placed, strained the connection lengths of pipes and heavily impacted street surfaces, potentially cracking the pipes that lie underneath the tree. Pipes have begun to fail, with evidence of recurring surface flooding, poor water quality, and sewage water overflowing into streets during normal and heavy rainfall events.

This project will consist of repair/or replace up to 1.40 miles of damaged water lines, up to 1.40 miles of damaged sewer lines, and up to 0.25 miles of damaged stormwater lines.

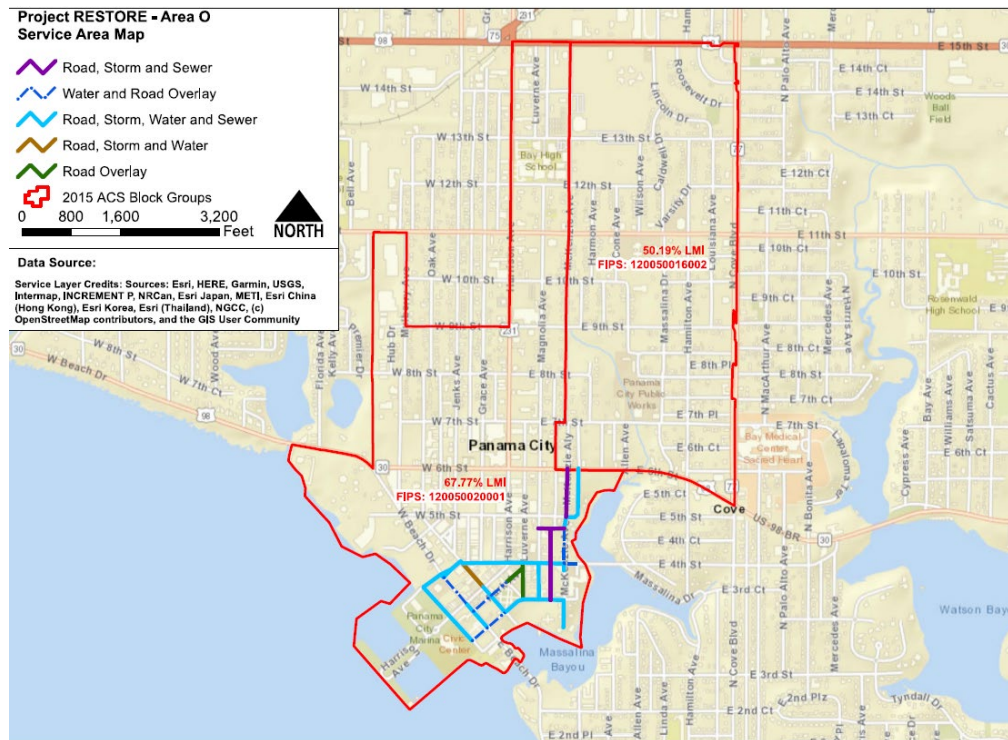


**Design Engineering Firm(s):** Dewberry Engineering

**Construction Contractors:** TBD

**For any inquiries or complaints regarding construction contact:** Jennifer Aldridge  
[jaldridge@panamacity.gov](mailto:jaldridge@panamacity.gov).

**CDBG-DR Project RESTORE Area AO Infrastructure Project  
Florida Commerce Agreement No.: M0168**



The City of Panama City has been awarded \$12,738,605.50 of CDBG-DR funds for the Project RESTORE-Area AO Project. Since Hurricane Michael, the damage to the water, sewer, and storm pipes, caused by uprooted trees that shifted the ground where lines are placed, strained the connection lengths of pipes and heavily impacted street surfaces, potentially cracking the pipes that lie underneath the tree. Pipes have begun to fail, with evidence of recurring surface flooding, poor water quality, and sewage water overflowing into streets during normal and heavy rainfall events.

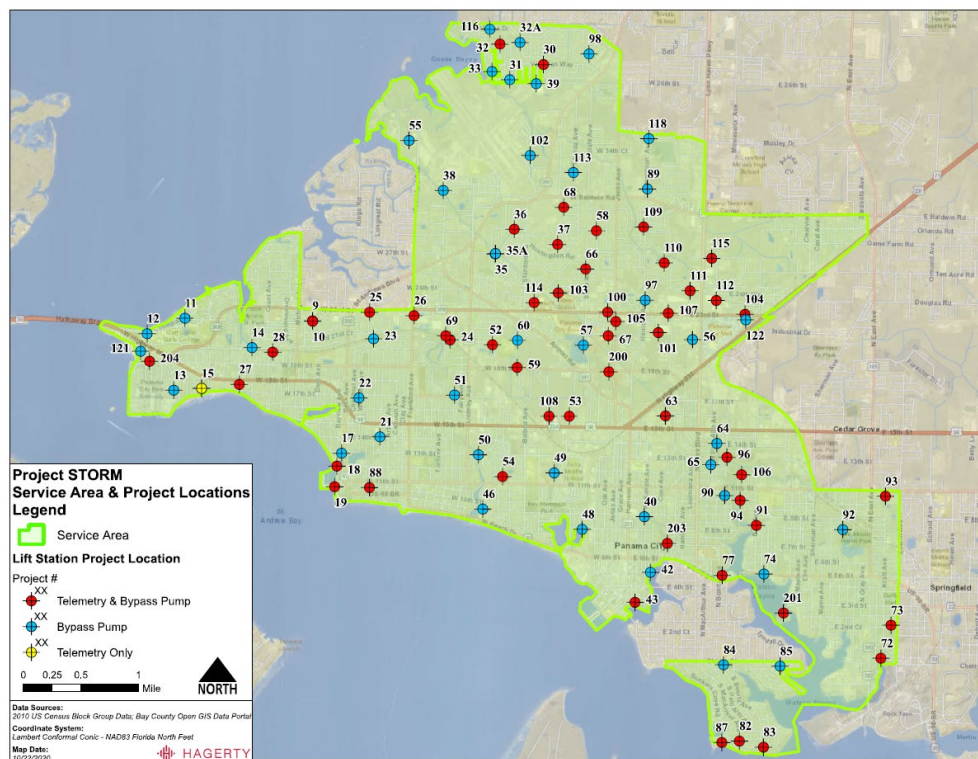
This project will consist of repair/or replace up to 1.40 miles of damaged water lines, up to 1.75 miles of damaged sewer lines, and up to 1.75 miles of damaged stormwater lines.

**Design Engineering Firm(s):** Metric Engineering

**Construction Contractors:** CBC Construction (Harrison Avenue 4<sup>th</sup> to 6<sup>th</sup> Street portion only), the rest of the area TBD

**For any inquiries or complaints regarding construction contact:** Jennifer Aldridge  
[jaldridge@panamacity.gov](mailto:jaldridge@panamacity.gov).

**CDBG-DR Project RESTORE Project STORM Infrastructure Project  
Florida Commerce Agreement No.: M0176**



The City of Panama City has been awarded \$24,867,120.96 of CDBG-DR funds for the Project STORM Project to upgrade critical sewer lift stations that failed in the wake of Hurricane Michael. Following Hurricane Michael, 98% of the City's lift stations failed due to an inundation of floodwater, loss of power, and significant storm damage that led to wastewater overflow from lift stations and manholes onto the streets and into homes, businesses, and critical infrastructure throughout the City.

This project will consist of retrofitting up to 54 damaged lift stations from the current warning siren notification system to an advance warning telemetry system. The City will repair up to 95 damaged lift stations with both permanent surface mounted, diesel-driven, bypass pumps and temporary bypass pump connections which will rebuild and infrastructure to prevent future storm-related damages.

**Design Engineering Firm(s):** Mott MacDonald

**Construction Contractors:** Group A: Marshall Brothers  
Group B: TBD  
Group C: TBD

**For any inquiries or complaints regarding construction contact:** Jennifer Aldridge  
[jaldridge@panamacity.gov](mailto:jaldridge@panamacity.gov).