

# Grantee: Columbia, SC

## Grant: B-18-MP-45-0001

### October 1, 2024 thru December 31, 2024

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|  |   |  |
|--|---|--|
| <b>Grant Number:</b><br>B-18-MP-45-0001            | <b>Obligation Date:</b>                 | <b>Award Date:</b>                             |
| <b>Grantee Name:</b><br>Columbia, SC               | <b>Contract End Date:</b><br>09/22/2032 | <b>Review by HUD:</b><br>Reviewed and Approved |
| <b>Grant Award Amount:</b><br>\$18,585,000.00      | <b>Grant Status:</b><br>Active          | <b>QPR Contact:</b><br>No QPR Contact Found    |
| <b>LOCCS Authorized Amount:</b><br>\$18,585,000.00 | <b>Estimated PI/RL Funds:</b><br>\$0.00 |  |
| <b>Total Budget:</b><br>\$18,585,000.00            |   |  |

### Disasters:

#### Declaration Number

FEMA-4241-SC

### Narratives

#### Mitigation Needs Assessment:

To align with the requirements in the Federal Register Notice (84 FR 45840), the City of Columbia's Office of Community Development has developed this risk-based Mitigation Needs Assessment to identify and analyze all significant current and future risks impacting the City. This assessment serves to provide a substantive basis for the mitigation activities proposed in Section 3.0, Approach to Addressing Mitigation Needs. This assessment: 1. Provides an overview of the City of Columbia's geographic landscape within the State of South Carolina. 2. Summarizes climate trends and analyzes projections that may contribute to current and future risks. 3. Analyzes vulnerable populations and low- and moderate-income populations. 4. Discusses historic damage patterns that have impacted the City of Columbia. 5. Identifies all considered resources, including South Carolina's FEMA-approved State Hazard Mitigation Plan and the Central Midlands' Hazard Mitigation Plan. 6. Assesses current and future risk to the City's critical service areas or community lifelines. 7. Addresses unmet mitigation needs in response to identified current and future risks. In order to ensure a comprehensive risk-based Mitigation Needs Assessment, Community Development coordinated with other City departments as pertinent to ensure that full understanding of all risks was known. These included Columbia Water, Planning and Development Services, General Services, Columbia Police Department, Columbia Fire Department, and IT. In addition, the Department of Community Development consulted with the South Carolina Emergency Management Division, the Central Midlands Planning group, and other governmental agencies to collect data and review state and local plans for consideration. This collaboration and analysis of various data sources and planning initiatives were key in ensuring a comprehensive review of the hazards discussed here and subsequent mitigation measures to be implemented.

#### Proposed Use of Funds:

The projects identified demonstrate the City's commitment to addressing the continuing impact on residents of damage to critical infrastructure that occurred during the 2015 flooding and has yet to be address, and to increase the City's ability to respond to future disaster events in a manner that improves its ability to protect lives and property. The City of Columbia conducted a Mitigation Needs Assessment and determined that the primary risks facing the community continue to be flooding, tornadoes, thunderstorms, lightning, hurricanes, and tropical storms. In 2017, the City launched a program to be more proactive in addressing the stormwater hazards and flooding problems in Columbia, issuing bonds using the Stormwater Utility Fund. This resulted in the implementation of a comprehensive Stormwater Management Capital Improvement Program. The City of Columbia CDBG-Mitigation Action Plan 2 now intends to utilize the CDBG-MIT funding to take additional actions to make Columbia more resilient. The City acknowledges the high probability that these extreme weather conditions will continue to affect Columbia's residents and city services and may become more severe or more frequent in occurrence. The impact of these types of events was taken into consideration as the City made critical decisions around project selection and how each project will affect the City's ability to deliver critical services to its residents. The City has identified projects that will have a significant and long-term impact on the welfare of Columbia's residents - the replacement of the Columbia Canal Head Gates, the replacement of the Olympia Fire Station, and the addition of a permanent backup generator for the City's Fleet Services facility. In addition, the City will supplement currently limited planning resources in a manner that will allow continual improvement in overall resilience through land use, building code, emergency management, and hazard mitigation planning.

| Overall  | This Report Period | To Date         |
|--|--------------------|-----------------|
| <b>Total Projected Budget from All Sources</b> | \$0.00             | \$18,585,000.00 |



|  |             |                 |
|--|-------------|-----------------|
| <b>Total Budget</b>                                | \$0.00      | \$18,585,000.00 |
| <b>Total Obligated</b>                             | \$0.00      | \$18,585,000.00 |
| <b>Total Funds Drawdown</b>                        | \$11,561.37 | \$1,530,492.49  |
| <b>Program Funds Drawdown</b>                      | \$11,561.37 | \$1,530,492.49  |
| <b>Program Income Drawdown</b>                     | \$0.00      | \$0.00          |
| <b>Program Income Received</b>                     | \$0.00      | \$0.00          |
| <b>Total Funds Expended</b>                        | \$0.00      | \$537,589.11    |
| <b>HUD Identified Most Impacted and Distressed</b> | \$0.00      | \$537,589.11    |
| <b>Other Funds</b>                                 | \$ 0.00     | \$ 0.00         |
| Match Funds  | \$ 0.00     | \$ 0.00         |
| Non-Match Funds                                    | \$ 0.00     | \$ 0.00         |

## Funds Expended

| <b>Overall</b>   | <b>This Period</b> | <b>To Date</b> |
|------------------|--------------------|----------------|
| City of Columbia | \$ 0.00            | \$ 537,589.11  |

## Progress Toward Required Numeric Targets

| <b>Requirement</b>                  | <b>Target</b>   | <b>Projected</b> | <b>Actual</b> |
|-------------------------------------|-----------------|------------------|---------------|
| <b>Overall Benefit Percentage</b>   | 50.00%          | 100.00%          | 4.38%         |
| <b>Overall Benefit Amount</b>       | \$8,625,000.00  | \$17,250,000.00  | \$755,775.11  |
| <b>Limit on Public Services</b>     | \$2,787,750.00  | \$0.00           | \$0.00        |
| <b>Limit on Admin/Planning</b>      | \$3,717,000.00  | \$1,335,000.00   | \$774,717.38  |
| <b>Limit on Admin</b>               | \$929,250.00    | \$929,250.00     | \$379,738.73  |
| <b>Most Impacted and Distressed</b> | \$18,585,000.00 | \$18,585,000.00  | \$537,589.11  |

## Overall Progress Narrative:

One project is currently under construction and the second completed design remains in the construction document design phase. Detailed discussion of each project can be found in the project-specific narrative.

## Project Summary

| <b>Project #, Project Title</b>       | <b>This Report</b>            | <b>To Date</b>                |                               |
|---------------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                                       | <b>Program Funds Drawdown</b> | <b>Project Funds Budgeted</b> | <b>Program Funds Drawdown</b> |
| 9999, Restricted Balance              | \$0.00                        | \$0.00                        | \$0.00                        |
| MIT-01-ADMIN, Administration          | \$8,731.56                    | \$929,250.00                  | \$379,738.73                  |
| MIT-02-PLANNING, Planning             | \$0.00                        | \$405,750.00                  | \$394,978.65                  |
| MIT-03-INFRASTRUCTURE, Infrastructure | \$2,829.81                    | \$17,250,000.00               | \$755,775.11                  |

## Activities

**Project # / MIT-01-ADMIN / Administration**



# Grantee Activity Number: 01-ADM-JL-9120000119

## Activity Title: Administration

**Activity Type:**

Administration

**Project Number:**

MIT-01-ADMIN

**Projected Start Date:**

06/30/2020

**Benefit Type:**

N/A

**National Objective:**

NA

**Activity Status:**

Under Way

**Project Title:**

Administration

**Projected End Date:**

07/30/2025

**Completed Activity Actual End Date:****Responsible Organization:**

City of Columbia

| <b>Overall</b>                                 | <b>Oct 1 thru Dec 31, 2024</b> | <b>To Date</b> |
|--|--------------------------------|----------------|
| <b>Total Projected Budget from All Sources</b> | \$0.00                         | \$929,250.00   |
| <b>Total Budget</b>                            | \$0.00                         | \$929,250.00   |
| <b>Total Obligated</b>                         | \$0.00                         | \$929,250.00   |
| <b>Total Funds Drawdown</b>                    | \$8,731.56                     | \$379,738.73   |
| <b>Program Funds Drawdown</b>                  | \$8,731.56                     | \$379,738.73   |
| <b>Program Income Drawdown</b>                 | \$0.00                         | \$0.00         |
| <b>Program Income Received</b>                 | \$0.00                         | \$0.00         |
| <b>Total Funds Expended</b>                    | \$0.00                         | \$150,886.10   |
| City of Columbia                               | \$0.00                         | \$150,886.10   |
| <b>Most Impacted and Distressed Expended</b>   | \$0.00                         | \$150,886.10   |

### Activity Description:

The City has certified and has in place proficient financial controls and procurement processes, adequate procedures to prevent any duplication of benefits as defined by Section 312 of the Stafford Act, and processes for ensuring timely expenditure of funds. The City also maintains a comprehensive website for all mitigation activities assisted with these funds, as well as processes to detect and prevent waste, fraud, and abuse of funds; perform environmental reviews on every project, and ensure that all projects are compliant with the Uniform Relocation Assistance Act; Davis-Bacon Act and other labor standards; Fair Housing, Section 3, Part 85; and other federal laws. HUD provides monies to the City for the operating costs associated with the day-to-day management of programs. Proper oversight and administration ensure a reduction in concerns or findings from HUD. The Department of Community Development will oversee all activities and expenditures of the CDBG-MIT funds. Existing city employees will be utilized, and additional personnel and contractors may be hired to aid in the administration and carrying out of mitigation programs. Not only will this personnel remain involved in ensuring that there are layers of financial control, but they also will provide technical assistance to the City, and will undertake administrative and monitoring activities to better ensure compliance with applicable requirements, including, but not limited to, meeting the mitigation threshold, eligibility, national objective compliance, fair housing, nondiscrimination, labor standards, environmental regulations, and procurement regulations at 2 CFR Part 200.317 – 200.326. Each activity funded will City of Columbia CDBG–Mitigation Action Plan 95 meet the mitigation definition and one of HUD’s three national objectives, with an emphasis on achieving the primary national objective of benefiting low- and moderate-income persons, and will be an eligible activity. Department of Community Development staff will perform monitoring in accordance with the City’s CDBG-MIT monitoring plan.

### Location Description:

### Activity Progress Narrative:

Expenditures reflect staff time spent on financial management, DRGR reporting, and updates to the Columbia Prepares Advisory Committee on progress.

### Accomplishments Performance Measures

**No Accomplishments Performance Measures**

### Beneficiaries Performance Measures

**No Beneficiaries Performance Measures found.**

### Activity Locations

**No Activity Locations found.**

### Other Funding Sources

No Other Funding Sources Found

### Other Funding Sources Budgeted - Detail

**No Other Match Funding Sources Found**

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**Activity Supporting Documents:** None

**Project # / MIT-02-PLANNING / Planning**



# Grantee Activity Number: 02-PLAN-LMA\_JL-9120040020

## Activity Title: Planning

**Activity Type:**

MIT - Planning and Capacity Building

**Project Number:**

MIT-02-PLANNING

**Projected Start Date:**

06/30/2020

**Benefit Type:**

Area ( Census )

**National Objective:**

NA

**Activity Status:**

Under Way

**Project Title:**

Planning

**Projected End Date:**

07/30/2025

**Completed Activity Actual End Date:****Responsible Organization:**

City of Columbia

| Overall  | Oct 1 thru Dec 31, 2024 | To Date      |
|--|-------------------------|--------------|
| <b>Total Projected Budget from All Sources</b> | \$0.00                  | \$405,750.00 |
| <b>Total Budget</b>                            | \$0.00                  | \$405,750.00 |
| <b>Total Obligated</b>                         | \$0.00                  | \$405,750.00 |
| <b>Total Funds Drawdown</b>                    | \$0.00                  | \$394,978.65 |
| <b>Program Funds Drawdown</b>                  | \$0.00                  | \$394,978.65 |
| <b>Program Income Drawdown</b>                 | \$0.00                  | \$0.00       |
| <b>Program Income Received</b>                 | \$0.00                  | \$0.00       |
| <b>Total Funds Expended</b>                    | \$0.00                  | \$386,703.01 |
| City of Columbia                               | \$0.00                  | \$386,703.01 |
| <b>Most Impacted and Distressed Expended</b>   | \$0.00                  | \$386,703.01 |

### Activity Description:

Rising flood insurance costs threaten city residents as they are "priced out" of their homes where flood insurance coverage is required as a condition of their mortgage. On a broader scale, rising National Flood Insurance Program (NFIP) premiums pose a threat to the local economy and real estate markets, as properties gradually lose their resale value as flood risks become more pronounced. As of August 2019, Columbia ranked 23rd in the state for the number of policies written (1,130). The City may also collaborate with Richland and Lexington counties, as well as the Central Midlands Council of Governments, to participate in planning for regional approaches in addition to specific local solutions to promote sound hazard mitigation practices. This may include providing additional financial support for updating the Central Midlands Hazard Mitigation Plan currently underway. Studies could include but are not limited to, flood control, drainage improvement, resilient housing solutions, surge protection, economic development, infrastructure improvement, or other efforts to mitigate risks and future damages and establish plans for comprehensive recovery. The City will make all final determinations regarding planning studies and coordinate with local universities, other local governments, the Central Midland Council of Governments, state agencies, federal agencies, and/or vendors to identify the scopes, the parameters of the planning efforts, and the type of data that they will gather.

### Location Description:

### Activity Progress Narrative:

No Planning activities during the quarter.

**Accomplishments Performance Measures**

**No Accomplishments Performance Measures**

**Beneficiaries Performance Measures**

**No Beneficiaries Performance Measures found.**

**Activity Locations**

**No Activity Locations found.**

**Other Funding Sources**

No Other Funding Sources Found

**Other Funding Sources Budgeted - Detail**

**No Other Match Funding Sources Found**

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**Activity Supporting Documents:** None

**Project # / MIT-03-INFRASTRUCTURE / Infrastructure**



# Grantee Activity Number: 03-CANL-LOCK-LMA-JL-9120010020

## Activity Title: Columbia Canal Head Gates and Lock Gate Repair

**Activity Type:**  
MIT - Public Facilities and Improvements-Non Covered

**Project Number:**  
MIT-03-INFRASTRUCTURE

**Projected Start Date:**  
12/31/2020

**Benefit Type:**  
Area ( Census )

**National Objective:**  
Low/Mod

**Activity Status:**  
Under Way

**Project Title:**  
Infrastructure

**Projected End Date:**  
07/30/2026

**Completed Activity Actual End Date:**

**Responsible Organization:**  
City of Columbia

| Overall  | Oct 1 thru Dec 31, 2024 | To Date        |
|--|-------------------------|----------------|
| <b>Total Projected Budget from All Sources</b> | (\$2,594,456.00)        | \$5,405,544.00 |
| <b>Total Budget</b>                            | (\$2,594,456.00)        | \$5,405,544.00 |
| <b>Total Obligated</b>                         | (\$2,594,456.00)        | \$5,405,544.00 |
| <b>Total Funds Drawdown</b>                    | (\$157.68)              | \$44,256.64    |
| <b>Program Funds Drawdown</b>                  | (\$157.68)              | \$44,256.64    |
| <b>Program Income Drawdown</b>                 | \$0.00                  | \$0.00         |
| <b>Program Income Received</b>                 | \$0.00                  | \$0.00         |
| <b>Total Funds Expended</b>                    | \$0.00                  | \$0.00         |
| City of Columbia                               | \$0.00                  | \$0.00         |
| <b>Most Impacted and Distressed Expended</b>   | \$0.00                  | \$0.00         |

### Activity Description:

This project consists of the design, engineering, and replacement of 12 water control gates and one lock control gate. These gates are used to regulate the raw water supply diverted from the Broad River to the Columbia Canal, which supplies raw water to the Columbia Canal Water Treatment Plant and the Columbia Hydroelectric Facility.

### Location Description:

### Activity Progress Narrative:

On December 3, 2024, FERC approved the (QCIP) Quality Control and Inspection Plan and the (TEAP) Temporary Emergency Action Plan. These will require additional input when a contractor is selected as they will be a part of those programs and plans, but that is after the contractor is selected and under contract. One caveat is that the QCIP approval was contingent on increasing onsite inspections to a full-time on-site inspector.

FERC Washington (The group requiring the Licensure Amendment before the project starts, has reviewed the application for licensure amendment and put these projects (Head Gates replacement and Breach Repair) out for Public comment. The last day for comments is December 6, 2024. The is unaware of any comments being made. FEMA is still asking questions related to the CLOMR submittal. Unfortunately, they have 60 days to respond after we submit additional information or answer questions. Currently, we have made two requested changes to the models and answered a lot of questions. Army Corp. of Engineers, Permit to Construct in Navigable Waterways Permit is still about 90 days out.

The project represents a \$120 million investment in the City of Columbia's critical water supply



infrastructure. \$100 million is provided by federal government agencies: FEMA, USACE, and HUD. Construction is expected to begin in the late spring of 2025 and be completed by January 2027.

### **Accomplishments Performance Measures**

**No Accomplishments Performance Measures**

### **Beneficiaries Performance Measures**

**No Beneficiaries Performance Measures found.**

### **Activity Locations**

**No Activity Locations found.**

### **Other Funding Sources**

No Other Funding Sources Found

### **Other Funding Sources Budgeted - Detail**

**No Other Match Funding Sources Found**

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**Activity Supporting Documents:** None



# Grantee Activity Number: 03-CF-GEN-LMA-JL-9120030020

## Activity Title: Critical Facility Generators

**Activity Type:**

MIT - Public Facilities and Improvements-Non Covered

**Project Number:**

MIT-03-INFRASTRUCTURE

**Projected Start Date:**

12/31/2020

**Benefit Type:**

Area ( Census )

**National Objective:**

Low/Mod

**Activity Status:**

Under Way

**Project Title:**

Infrastructure

**Projected End Date:**

07/30/2025

**Completed Activity Actual End Date:****Responsible Organization:**

City of Columbia

| Overall  | Oct 1 thru Dec 31, 2024 | To Date        |
|--|-------------------------|----------------|
| <b>Total Projected Budget from All Sources</b> | \$151,000.00            | \$1,101,000.00 |
| <b>Total Budget</b>                            | \$151,000.00            | \$1,101,000.00 |
| <b>Total Obligated</b>                         | \$151,000.00            | \$1,101,000.00 |
| <b>Total Funds Drawdown</b>                    | \$2,198.36              | \$73,652.53    |
| <b>Program Funds Drawdown</b>                  | \$2,198.36              | \$73,652.53    |
| <b>Program Income Drawdown</b>                 | \$0.00                  | \$0.00         |
| <b>Program Income Received</b>                 | \$0.00                  | \$0.00         |
| <b>Total Funds Expended</b>                    | \$0.00                  | \$0.00         |
| City of Columbia                               | \$0.00                  | \$0.00         |
| <b>Most Impacted and Distressed Expended</b>   | \$0.00                  | \$0.00         |

**Activity Description:**

The City of Columbia is proposing to add backup generation capacity to the power grid for the City's critical building – Fleet Services facility. Both the Central Midlands Hazard Mitigation Plan68 and South Carolina Hazard Mitigation Plan69 gave a "high priority" ranking to the installation of a critical facility backup generation project. The State Plan noted the importance of this goal in ensuring adequate emergency response for the campus of the University of South Carolina. The campus is in the City of Columbia and is served by its police and fire departments. At the time the hazard mitigation plans were published, no funding could be identified for either of these projects. The City is 53.45% low and moderate-income.

**Location Description:****Activity Progress Narrative:**

There has been minimal change since the last quarter. Mobilization and demolition took place while waiting for the delivery of the generator equipment. The Contractor regularly reports Davis Bacon and Section 3 payroll information. All the preparation work has been completed and the construction team is waiting for delivery of the generator. It was projected for November 2024. Construction is still projected to be completed in May 2025.



## **Accomplishments Performance Measures**

**No Accomplishments Performance Measures**

## **Beneficiaries Performance Measures**

**No Beneficiaries Performance Measures found.**

## **Activity Locations**

**No Activity Locations found.**

## **Other Funding Sources**

No Other Funding Sources Found

## **Other Funding Sources Budgeted - Detail**

**No Other Match Funding Sources Found**

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**Activity Supporting Documents:**

None

# Grantee Activity Number: 03-OLYM-FIRE-LMA-JL-9120020020

## Activity Title: Olympia Fire Station Replacement

**Activity Type:**  
MIT - Public Facilities and Improvements-Non Covered

**Project Number:**  
MIT-03-INFRASTRUCTURE

**Projected Start Date:**  
07/20/2021

**Benefit Type:**  
Area ( Census )

**National Objective:**  
Low/Mod

**Activity Status:**  
Under Way

**Project Title:**  
Infrastructure

**Projected End Date:**  
10/30/2026

**Completed Activity Actual End Date:**

**Responsible Organization:**  
City of Columbia

| Overall  | Oct 1 thru Dec 31, 2024 | To Date         |
|--|-------------------------|-----------------|
| <b>Total Projected Budget from All Sources</b> | \$2,443,456.00          | \$10,743,456.00 |
| <b>Total Budget</b>                            | \$2,443,456.00          | \$10,743,456.00 |
| <b>Total Obligated</b>                         | \$2,443,456.00          | \$10,743,456.00 |
| <b>Total Funds Drawdown</b>                    | \$789.13                | \$637,865.94    |
| <b>Program Funds Drawdown</b>                  | \$789.13                | \$637,865.94    |
| <b>Program Income Drawdown</b>                 | \$0.00                  | \$0.00          |
| <b>Program Income Received</b>                 | \$0.00                  | \$0.00          |
| <b>Total Funds Expended</b>                    | \$0.00                  | \$0.00          |
| City of Columbia                               | \$0.00                  | \$0.00          |
| <b>Most Impacted and Distressed Expended</b>   | \$0.00                  | \$0.00          |

### Activity Description:

The existing Olympia Fire Station is both inadequate to support modern fire response demands and poses a health hazard to fire safety personnel, due to its poor ventilation system and lack of support quarters for firefighters. The new fire station will serve an LMA (64.35% LMI) and reduce the risk of loss of life and injury, and damage to and loss of property.

### Location Description:

### Activity Progress Narrative:

The site has been selected and land purchased for the new fire station location. The environmental review of the new site is complete.

The schedule for completion of the Olympia Fire Station replacement is as follows:

- Schematic design work - January-November 2024
- Design development - January 2025
- Construction document development - January-April 2025
- Procurement of construction services - May-June 2025
- City Council approval of construction contract and pre-construction conference - June - July 2025.
- Construction August 2025-December 2026
- Project completion and commissioned - January - February 2-27

## Accomplishments Performance Measures

No Accomplishments Performance Measures

## Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

## Activity Locations

No Activity Locations found.

## Other Funding Sources

No Other Funding Sources Found

## Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

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**Activity Supporting Documents:**

None

