

Grantee: Houston, TX

Grant: B-18-MP-48-0001

January 1, 2024 thru March 31, 2024 Performance

Grant Number: B-18-MP-48-0001	Obligation Date:	Award Date:
Grantee Name: Houston, TX	Contract End Date: 05/05/2033	Review by HUD: Original - In Progress
Grant Award Amount: \$61,884,000.00	Grant Status: Active	QPR Contact: No QPR Contact Found
LOCCS Authorized Amount: \$61,884,000.00	Estimated PI/RL Funds: \$0.00	
Total Budget: \$61,884,000.00		

Disasters:

Declaration Number

FEMA-4223-TX
FEMA-4245-TX

Narratives

Mitigation Needs Assessment:

MITIGATION NEEDS ASSESSMENT

As required by HUD, the City of Houston developed a mitigation needs assessment based in part on the City of Houston's Hazard Mitigation Plan. To develop the mitigation needs assessment, the City reviewed: the FEMA Local Mitigation Plan Handbook, Department of Homeland Security (DHS) Office of Infrastructure Protection, National Association of Counties Improving Lifelines (2014), resources about wildfires from the U.S. Forest Service, and the National Interagency Coordination Center (NICC), and HUD's CPD mapping tool. This assessment addresses current and future risks, including hazards, vulnerability, and impacts of disasters, and identifies appropriate mitigation actions to reduce the highest risks that Houston faces.

The CDBG-Mitigation needs assessment considers the City of Houston's risk landscape: a complex water system and growing population. Most of Houston is located on the gulf coastal plain and is categorized as flat terrain: Downtown stands only 50 feet above sea level and the highest point is approximately 125 feet above sea level. Houston has four major bayous each playing a critical role in the local drainage infrastructure: conveying water from neighborhoods to Galveston Bay. These include: 1) Buffalo Bayou, which runs west to east, through downtown, and empties into the Houston Ship Channel; 2) White Oak Bayou, located on the northwest side of the City; 3) Brays Bayou, located west-southwest of downtown; and 4) Sims Bayou, located southwest of downtown. White Oak, Brays, and Sims Bayous flow into Buffalo Bayou. Other major waterways include the San Jacinto River, which flows through the far northeastern portion of the City and into Lake Houston. Contributing to growing risks, the Houston area growth rate is among the highest in the nation, and the overall population of the Houston-Galveston region is projected to increase from 5.8 million (2010 census figure) to 9.6 million by 2040.

Hazard Analysis, Lifeline, and Vulnerability Assessment

Upon a review of the full range of natural hazards suggested under the FEMA planning guidance, the City of Houston identified 12 hazard types, 11 natural hazards and 1 quasi-technological hazard (dam failure), as significant enough to include in the City of Houston's Hazard Mitigation Plan, and the twelve hazard types are noted in the CDBG-Mitigation risk assessment.

Hazards Houston may encounter include: Flood, Hurricane, Extreme Heat, Thunderstorm Wind, Lightning, Tornado, Expansive Soils, Hail, Wildfire, Drought, Dam Failure, and Winter Storm. The CDBG-Mitigation risk assessment addresses all hazards identified in the City of Houston's Hazard Mitigation Plan. Detailed analyses are provided on hazards which have significantly impacted Houston in recent years, as well as sea level rise.

The City created four categories of disaster severity to assist in identifying disaster risk, and the four categories of severity are: Substantial, Major, Minor and Limited. Disaster events and hazards with Substantial Severity can result in: multiple deaths, complete shutdown of facilities for 30 days or more, and/or more than 50 percent of property destroyed or with major damage. A disaster event with Major Severity can result in: injuries and illnesses resulting in permanent disability, complete shutdown of critical facilities for at least 2 weeks, and/or more than 25 percent of property destroyed or with major damage. The City determined in its Hazard Mitigation Plan that Flood, Hurricane, Extreme Heat, Thunderstorm Wind, Lightning, and Tornado events have the chance for substantial or major severity.

FEMA defined Community Lifelines for incident response allows the federal government to better understand the impacts of hazards and disasters in state and local jurisdictions. Ensuring the resilience of Community Lifelines is an important concept in all phases of emergency management, response, and recovery. Many of the noted hazards present significant impact to the identified lifelines of: Safety and Security; Food, Water, Sheltering; Communications; Transportation; Health and Medical; Hazardous Material (Management); and Energy (Power and Fuel). Identification and assessment of each lifeline by hazard using vulnerability and consequence/impact assessments helped inform the determination of the City's use of funds for the CDBG-Mitigation program.



There are areas within Houston in which disparities exist in relation to housing, open space, amenities, sustainable land use patterns, cultural preservation, and access to social programs and resources. Through the identification and mapping of the areas with highest vulnerabilities, the City can work with various communities to strategically mitigate the highest risks and target additional benefits. Social vulnerability is included as part of the mitigation needs assessment to develop mitigation strategies that will provide the maximum benefit to the most vulnerable areas and address the highest ranked risks and hazards. According to the Centers for Disease Control and Prevention (CDC), “social vulnerability refers to the resilience of communities when confronted by external stresses on human health, stresses such as natural or human-caused disasters, or disease outbreaks. Reducing social vulnerability can decrease both human suffering and economic loss.” How the proposed mitigation actions help address areas with the highest social vulnerability across different themes will be considered in project prioritization and program formulation.

Proposed Use of Funds:

USE OF FUNDS

Connection to Identified Risk

The City considered the mitigation needs assessment, threats to Community Lifelines, and public feedback and allocated funding for infrastructure programs to lessen the risk of flooding in buildings with the goal of removing people and property from harm’s way. In addition, decreasing flooding will also improve mobility so services that enable the continuous operation of critical business and government functions and are critical to the protection of human health and safety would remain available and accessible. There is a need to improve the City’s infrastructure, particularly its drainage systems, to reduce flooding.

Allocations and Low- and Moderate-Income Priority

The City of Houston allocates CDBG-MIT resources to fund a Local Flood Mitigation Program and Administrative activities. Per requirements, at least 50 percent of CDBG-MIT funds will be spent to benefit low- and moderate- income (LMI) communities. The entire CDBG-MIT allocation will be used in HUD-identified most impacted and distressed (MID) area, as the City of Houston is entirely within a HUD-identified MID area.

Although impacts from flooding and extreme weather vary from one neighborhood to the next, the relative disaster- related losses experienced in LMI communities and communities of color is disproportionately high. The City of Houston is committed to driving an equitable recovery and serving all residents, particularly the most vulnerable in LMI areas which will be prioritized for CDBG-MIT activities. And as a significant majority of Houston residents are from diverse backgrounds, the City will seek to serve as many members of protected classes as possible by serving LMI areas. The requirement for CDBG-MIT funds is to expend at least 50 percent of CDBG-MIT on activities benefiting LMI persons and the City expects to exceed this requirement.

The City of Houston will prioritize infrastructure projects funded with CDBG-MIT that address flooding in LMI neighborhoods. Decreasing flood risks in neighborhoods, especially LMI neighborhoods, will increase the ability of individuals and households to more quickly recover from future flood events, including residents from a variety of protected classes. Decreasing flood risk will also reduce disruptions at a larger-scale while reducing the negative social and economic consequences of flooding, allowing Houstonians to return to normalcy more quickly. Minimizing flooding in neighborhoods through flood mitigation projects will protect housing and make neighborhoods safer and more desirable places to live.

CDBG-MIT Activities

The following activities were developed to meet the requirements of the CDBG-MIT program, as well as other federal, state, and local requirements and regulations, and to fund mitigation activities that protect against loss of life and property as efficiently and expeditiously as possible. The following activities address flooding through infrastructure improvements but do not include direct assistance to household beneficiaries.

Local Flood Mitigation Program

The Local Flood Mitigation Program is a crucial component of a comprehensive, long-term recovery strategy to improve the City’s drainage systems and reduce the risk of potential flooding in neighborhoods and homes. The purpose of this program is to reduce the number of homes damaged by floodwaters thereby decreasing direct flooding impacts for Houston families. Program benefits will impact residents at multiple scales including decreasing flooding within homes, neighborhoods, and ultimately benefiting the watershed. There will likely be many co-benefits to addressing flooding in homes through infrastructure improvements, such as include improved mobility, aesthetic improvements, recreational benefits, property value increases, and life cycle cost savings. This program will be administered by the City of Houston through the Housing and Community Development Department (HCDD) and Houston Public Works (HPW).

This program will improve the storm water drainage system in Houston and is an eligible mitigation activity under the infrastructure criteria as defined in the CDBG-MIT requirements. This activity will alleviate capacity issues and align improvements with Harris County Flood Control District’s assets to address the flood risks from severe storms and hurricanes as identified in the mitigation needs assessment.

Under its Capital Improvements Plan (CIP), HPW has a current list of unfunded or underfunded drainage improvement projects. An analysis will be conducted to select projects that will maximize system capacity, address need, and have the greatest benefit on the health, safety, and overall welfare of Houstonians. Need identification starts with a comprehensive assessment of existing conditions compared to predefined acceptable level of service standards. Need is also driven by a combination of factors that indicate an inability of infrastructure to address storm drainage needs - primarily resulting in structural flooding. For CDBG-MIT funding, priority will be given to projects that: benefit primarily LMI communities, can be completed in a timely manner, align with other local and/or regional infrastructure efforts to ensure consistency, include natural infrastructure or other low impact development methods, and foster other resilience and mitigation efforts like community-level planning and contribute to the City’s resilient strategy in Resilient Houston. Prioritizing projects in LMI communities and minimizing flooding in neighborhoods through flood mitigation projects will protect housing, further fair housing, and make Houston neighborhoods safer and more desirable places to live.

Administration

The City’s administrative will fund the general administration of the CDBG-MIT program and may include, but not be limited to the City’s staff time, or the time of its contractors, to: administer and manage mitigation activities; perform compliance, monitoring, and reporting of the activities; and utilize funds for other costs specified as eligible administrative expenses in 24 CFR. part 570, subpart C.

Overall	This Report Period	To Date
Total Projected Budget from All Sources	\$0.00	\$10,016,382.00
Total Budget	\$0.00	\$10,016,382.00



Total Obligated	\$0.00	\$10,016,382.00
Total Funds Drawdown	\$1,710,352.47	\$2,248,067.07
Program Funds Drawdown	\$1,710,352.47	\$2,248,067.07
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$1,708,662.76	\$2,248,067.07
HUD Identified Most Impacted and Distressed	\$1,708,662.76	\$2,248,067.07
Other Funds	\$ 0.00	\$ 0.00
Match Funds	\$ 0.00	\$ 0.00
Non-Match Funds	\$ 0.00	\$ 0.00

Funds Expended

Overall	This Period	To Date
City of Houston Housing and Community Development	\$ 99,941.48	\$ 639,345.79
The Buffalo Bayou Partnership	\$ 1,608,721.28	\$ 1,608,721.28

Progress Toward Required Numeric Targets

Requirement	Target	Projected	Actual
Overall Benefit Percentage	50.00%	100.00%	2.74%
Overall Benefit Amount	\$29,394,900.00	\$6,922,182.00	\$1,608,721.28
Limit on Public Services	\$9,282,600.00	\$0.00	\$0.00
Limit on Admin/Planning	\$12,376,800.00	\$3,094,200.00	\$639,345.79
Limit on Admin	\$3,094,200.00	\$3,094,200.00	\$639,345.79
Most Impacted and Distressed	\$61,884,000.00	\$10,016,382.00	\$2,248,067.07

Overall Progress Narrative:

HUD allocated \$61,884,000 in CDBG-MIT funds directly to the City of Houston for two qualifying disasters occurring in 2015, to be used in areas impacted by recent disasters to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

As a result of the mitigation needs assessment, funding is being allocated for infrastructure programs to lessen the risk of flooding in buildings with the ultimate goal of removing people and property from harm's way. In addition, decreasing flooding will also improve mobility so services that enable the continuous operation of critical business and government functions that are critical to the protection of human health and safety would remain available and accessible. This program will be administered by the City of Houston through the Housing and Community Development Department (HCDD), while collaborating with other City departments, Houston Public Works (HPW), and nonprofit organizations.

Monitoring/Audit/TA during Q1-2024 (Jan 2024 - Mar 2024):
There was no Monitoring/Audit/TA during Q1-2024.

Section 3 hours update during Q1-2024 (Jan 2024 - Mar 2024):
There was no Section 3 Labor Hours Report during Q1-2024.

Affirmatively Further Fair Housing action occurring during Q1-2024 (Jan 2024 - Mar 2024):
There was no additional Affirmatively Further Fair Housing action during Q1-2024.

Overall Narrative:

During Q1-2024 (Jan 2024 - Mar 2024), Houston Public Works (HPW) continues to finalize estimated project budgets, scope of work (SOW), schedules, and spending forecast for four (4) proposed projects. The four projects are Melrose Park, French Town Recreation, Cambridge/Ramblewood Park Recreation, and Turkey Gulley. The scopes of work for each project are as follows:

- Melrose Park project requires reconstruction to adequately convey storm water runoff. Improvements will consist of ditch regrading and re-establishment to the receiving points of the Harris County Flood Control District (HCFCD) drainage systems, replacement and resized driveway culverts, storm sewer outfall, and asphalt pavement. In addition, the West Frontage Road of the Hardy Toll Road will be completely reconstructed.
- French Town Recreation project will provide ditch regrading and culvert improvement without underground storm sewer installation. In addition, roadway improvements will include mill and overlay pavement with subgrade repairs as necessary, reconstruct driveways impacted by culverts, and improve sidewalks where are possible.



- Cambridge Park and Ramblewood Neighborhood – Cambridge Park project includes the construction of a 7'x4' RCB storm sewer, detention pond, and park amenities within Cambridge Park to provide mitigation and outfall for the Ramblewood Storm Sewer Improvements project. Park amenities include an 8' concrete trail, tree preservation, landscape plantings, pedestrian lighting, playground equipment, a soccer field, and irrigation systems. Ramblewood Neighborhood project consists of Ramblewood Storm Sewer Improvements Sub-Project 1 along the following streets Lotus Street, Buxley Street, Woodmont Drive, and Brookston Street. This project is a combination of pavement and storm sewer improvements which initiates at the west end of Lotus Street and extends east to Buxley Street then continues north to the end of Buxley Street. Storm sewer improvements are also included at the intersections of Woodmont Drive and Avonelle Lane, Woodmont Drive and Grantmoor Lane, and at the west end of Brookston Street.

- Turkey Gulley Drainage and Paving Improvements project will provide new storm sewer trunk lines along 20th Street, Bevis Street, 22nd Street, 24th Street and 25th Street. It will also include installing waterlines, sanitary sewer lines, replacing concrete pavement and installing a pedestrian concrete sidewalk with ADA ramp.

HCDD has also identified a nonprofit organization, Buffalo Bayou Partnership (BBP) who will oversee one (1) infrastructure project as a Subrecipient. The project Marron Park Way, formerly known as Foley Street, is located between N. York and Lockwood Drives, on the south side of Buffalo Bayou in Houston’s Second Ward neighborhood. The current scope of work is as follows:

- Marron Park Way project improves the current infrastructure flow, by assisting road runoff to follow upstream and tie-in to a storm sewer line that outfalls directly into Buffalo Bayou. This outfall will be sized to convey the 100-year storm flows for Marron Park way and future development within the overall Lockwood South development.

Project meetings are held monthly.

A summary status of Infrastructure projects is provided below. INFRASTRUCTURE Program Development/Implementation

- Evaluation and selection of eligible projects (March 2021 – March 2023)
- Development of project scopes of work/budgets (March 2021 – June 2024)
- Development of Letters of Agreement language (January 2022 - August 2024)
- HCDD Eligibility / Compliance / HUD AUGF submission process (January 2022 – August 2024)

Melrose Park Drainage and Paving Improvements – Approximately \$19.9MM

- Design Phase – 1/31/2022 – Per HPW Pending due to budget restrictions.
 - Final Design, under review still pending (August 2024)
- ESA Phase II – 8/29/2022
- Construction Phase – Expected Timeline (September 2025 – January 2027)

French Town Recreation Drainage Improvements – Approximately \$9.9MM

- SOW Justification Letter – (August 2021 – December 2021)
- Design Phase – 3/2/2022
 - Council Approval – NTP issued 3/16/2022
 - Preliminary Design–October 2023
 - Final Design (Phase II Design 60-90%), under review still pending (August 2024)
- ESA Phase I – May 2022
- Construction Phase – Expected Timeline (December 2024 – March 2026)

Cambridge/Ramblewood Park Recreation Drainage Improvements – Approximately \$6.1MM

- SOW Justification Letter – (August 2021 – December 2021)
- Design Phase – Per HPW completed 8/1/2023
 - Final Design (90% completed) pending Mylar signatures (April 2024)
- ESA Phase I – 10/2/2023
- ESA Phase II – 2/26/2024
- Construction Phase – Expected Timeline (TBD)

Turkey Gulley Drainage and Paving Improvements – Approximately \$14.1MM

- Eligibility documentation – received 8/24/2023
- 30% Preliminary Design Phase
 - Design NTP issued 1/2/2024
 - ESA Phase I – 2/6/24, review in progress
- Construction Phase – Expected Timeline (October 2026 – November 2027)

The proposed infrastructure projects are being vetted for eligibility and compliance. Should the outcome of the eligibility review for these projects return unfavorable, the City of Houston has supplemental projects in the queue.

Project Summary

Project #, Project Title	This Report	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
03-PF, Public Facilities and Improvements (Infrastructure)	\$1,608,721.28	\$58,789,800.00	\$1,608,721.28
21A-ADM, Administration	\$101,631.19	\$3,094,200.00	\$639,345.79
9999, Restricted Balance	\$0.00	\$0.00	\$0.00



Activities

Project # / 03-PF / Public Facilities and Improvements (Infrastructure)



Grantee Activity Number: CDBGMIT20-PFMN

Activity Title: Marron Parkway Infrastructure Project

Activity Type:

MIT - Public Facilities and Improvements-Non Covered

Project Number:

03-PF

Projected Start Date:

10/20/2023

Benefit Type:

Area Benefit (Census)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Public Facilities and Improvements (Infrastructure)

Projected End Date:

10/30/2025

Completed Activity Actual End Date:

Responsible Organization:

The Buffalo Bayou Partnership

Overall	Jan 1 thru Mar 31, 2024	To Date
Total Projected Budget from All Sources	\$0.00	\$6,922,182.00
Total Budget	\$0.00	\$6,922,182.00
Total Obligated	\$0.00	\$6,922,182.00
Total Funds Drawdown	\$1,608,721.28	\$1,608,721.28
Program Funds Drawdown	\$1,608,721.28	\$1,608,721.28
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$1,608,721.28	\$1,608,721.28
The Buffalo Bayou Partnership	\$1,608,721.28	\$1,608,721.28
Most Impacted and Distressed Expended	\$1,608,721.28	\$1,608,721.28
Other Funds	\$ 0.00	\$ 0.00
Match Funds	\$ 0.00	\$ 0.00
Non-Match Funds	\$ 0.00	\$ 0.00

Other Funds:

Overall	This Period	To Date
Match Funds	\$ 0.00	\$ 0.00

Activity Description:

The project consists of funding for the acquisition of approximately 146,068 square-feet of land (a former Railroad ROW), engineering design, construction of a new segment of public road to develop a new street to be called Marron Park Way, and other improvements from Lockwood Drive to the east and Drennan Street to the west. The new roadway constructed as under this agreement will be approximate 1,600 linear feet and constructed on vacant land. The total road upon completion will be over 3,000 linear feet. The new road consists of a new 22-foot-wide concrete roadway consisting of two (2) 11-foot lanes with 6" curb, gutter, and storm infrastructure. The roadway section will be graded at a 2% slope from south to north with storm water inlets placed on the north side curb to maximize storm infrastructure/cost ratio and efficiency. This system will have the capacity to convey the 100-year storm flow. New public storm utilities will be developed by conveying the areas runoff through underground storm drainage that will outfall directly into the Buffalo Bayou that will address documented drainage needs by METRO and TIRZ 23, to help mitigate long-term flooding in the neighborhood. The improvements will provide the necessary capacity required for a 100-year storm event.

Location Description:



The project is located between N. York and Lockwood Drives, on the south side of Buffalo Bayou in Houston's Second Ward Complete Communities neighborhood, a low-moderate (LMI) income community.

Activity Progress Narrative:

Marron Park Way/Foley Street Drainage and Paving Improvements – Contract Award \$6,922,182.00

- ESA Phase I – January 2023 / Updated October 2023
- ESA Phase II – October 2022
- Public Review Committee (PRC) – 12/6/2022
- Housing Committee (HCA) – 12/14/2022
- Environmental Authorized Use Grant Funds (AUGF) – Received from HUD 10/19/2023
- Public Notice Funding Determination Form (PNFDF) – fully executed 10/23/2023
- City Council - Approved 10/25/23
- Acquisition (Land) Agreement Effective 10/31/2023 – Closed 12/4/2023 in the amount of \$1,468,329.00
- Construction Agreement – Effective 11/7/2023 - \$5,453.853.00
- **Project in Design Phase – Expected Completion (November 2024)**
 - NTP issued 03/12/2024
- Construction – Expected Timeline (December 2024 – March 2025)

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Elevated Structures	0	0/0
# of Linear feet of Public	0	0/3000

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Housing Units	0	0/0
# of Multifamily Units	0	0/0
# of Singlefamily Units	0	0/0

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

Activity Supporting Documents: None

Project # / 21A-ADM / Administration



Grantee Activity Number: ADM-20A21-MIT

Activity Title: 21A-ADM/ADMINISTRATION

Activity Type:

Administration

Project Number:

21A-ADM

Projected Start Date:

05/05/2021

Benefit Type:

N/A

National Objective:

NA

Activity Status:

Under Way

Project Title:

Administration

Projected End Date:

05/05/2033

Completed Activity Actual End Date:

Responsible Organization:

City of Houston Housing and Community

Overall	Jan 1 thru Mar 31, 2024	To Date
Total Projected Budget from All Sources	\$0.00	\$3,094,200.00
Total Budget	\$0.00	\$3,094,200.00
Total Obligated	\$0.00	\$3,094,200.00
Total Funds Drawdown	\$101,631.19	\$639,345.79
Program Funds Drawdown	\$101,631.19	\$639,345.79
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$99,941.48	\$639,345.79
City of Houston Housing and Community	\$99,941.48	\$639,345.79
Most Impacted and Distressed Expended	\$99,941.48	\$639,345.79
Other Funds	\$ 0.00	\$ 0.00
Match Funds	\$ 0.00	\$ 0.00
Non-Match Funds	\$ 0.00	\$ 0.00

Other Funds:

Overall	This Period	To Date
Match Funds	\$ 0.00	\$ 0.00

Activity Description:

This activity will fund the general administration of the CDBG-MIT program and may include, but not be limited to the City's staff time, or the time of its contractors, to: administer and manage mitigation activities; perform compliance, monitoring, and reporting of the activities; and utilize funds for other costs specified as eligible administrative expenses in 24 CFR. part 570, subpart C.

Location Description:

2100 Travis Street | 9th Floor | Houston TX 77002

Activity Progress Narrative:

No substantive updates to report in Q1-2024 (Jan 2024 – Mar 2024).

The expenditure/draw variance amount in this quarter reflects:

- o \$1,689.71 expenditure incurred in Q4-2023 but draws occurred in Q1-2024



o \$1,689.71 net expenditure/draw variance

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

Activity Supporting Documents: None

