

Flint Capital Improvement Plan

July 2023

- Introduction 1
- Relationship to Comprehensive Plan 2
- Flint Water Crisis..... 3
 - Infrastructure Projects 3
 - Flint Water Crisis, Project Locations 4
 - Water Crisis Projects Completed Since 2017 5
- Housing and Neighborhood..... 6
 - Blight Elimination 6
 - Improving Neighborhoods..... 7
 - Housing Development 8
 - Housing and Neighborhood, Project Locations 10
 - Housing and Neighborhood Projects Completed Since 2017..... 11
- Transportation and Mobility 12
 - Maintenance of Existing Streets 12
 - Technology and Wayfinding 15
 - Infrastructure Design 15
 - Mobility and Access..... 15
 - Bridges 16
 - Pedestrian Network and Right-of-Way Maintenance..... 17
 - Transportation and Mobility, Project Locations 18
 - Transportation and Mobility Projects Completed Since 2017 19
 - Maintenance of Existing Streets 19
 - Infrastructure Design..... 20
 - Bridges 20
- Environmental Features, Open Space, and Parks..... 21
 - Neighborhood Park Improvement..... 21
 - Environmental Features, Open Space, and Parks 27
 - Environmental Features, Open Space, and Parks Projects Completed Since 2017..... 28
- Infrastructure and Community Facilities 31
 - City Hall..... 31
 - Other City Facilities 33
 - Water Department 34
 - Sewer Department..... 39
 - Infrastructure and Community Facilities..... 41
 - Infrastructure and Community Facilities Projects Completed Since 2017 42

City Hall42

Water Department.....42

Sewer Department.....44

Economic Development and Education.....46

 Placemaking.....46

 Commercial Area Enhancement.....47

 Information Technology Upgrade.....47

 Economic Development and Education, Project Locations48

 Economic Development and Education Completed Projects Since 201748

 Commercial Area Enhancement48

Public Health, Safety, and Welfare.....49

 Police Department.....49

 Fire Department51

 Community Centers.....52

 Public Health, Safety, and Welfare, Project Locations53

 Public Health Safety and Welfare Projects Completed Since 201753

 Police Department53

Introduction

This document includes lists of projects provided by various departments throughout the City of Flint and organized by the Planning Department. The purpose of this document is to provide an overview of planned capital improvements within the city, allowing the Planning Commission to confirm that the proposed improvements are consistent with the goals of the City's Master Plan.

Following, proposed capital improvements are listed according to the relevant section of the Master Plan, with a priority, a total project cost, city cost share, non-city funds, and status. The status column provides the following information:

- **Underway:** The project has begun, and funding has been secured.
- **Continual:** The project is ongoing, and funding has been secured.
- **Planned:** The project has been fully scoped, and funding has been secured.
- **Proposed:** The project has been identified as a need, but funding has not been secured.

Finalizing a Capital Improvements Plan (CIP) for the City of Flint is extremely challenging given the sheer amount of infrastructure in the city and the various departments, funding sources, and evolving needs. As a consequence, it is likely that some information in this document is not completely accurate. The CIP process began in September of 2022, with each Department asked to confirm the information in the plan in December 2022 and January 2023, and final information received from departments in March of 2023. Note, American Rescue Plan Act (ARPA) funds are identified in this plan for projects as they have currently been planned, but not all allocations to specific projects have been finalized, so the allocation of ARPA funding may change.

While some information regarding cost and funding status in this plan may be out of date, going forward it is critical that the document is maintained. The last CIP completed by the City of Flint was in 2017. Making regular annual updates helps to ensure that the project list is accurate and provides a helpful tool for the Planning Commission, City staff, officials, and residents to evaluate the consistency between planned capital investments and Master Plan priorities. The amount of time that passed between the 2017 CIP and this update makes the process burdensome. However, if an update is completed annually, along a regular timeline, the update process will be less time consuming for each contributing department, as well as the Planning Department.

To address this situation in the future, the CIP update process should begin in late summer or early fall of each year so that a draft CIP can be ready to align with the City's annual budget cycle. A sample CIP timeline is provided below.

- **September/October:** Engage departments to gather information.
- **November/December:** Finalize CIP project list and update document.
- **January/February:** Present CIP to Planning Commission for review.

Within each category of projects listed in the CIP is a map that displays the location of improvements. Many projects identified in the CIP are taking place in multiple locations throughout the city or are city-wide projects. These projects are denoted at city hall in the maps.

Relationship to Comprehensive Plan

This Capital Improvement Plan is organized relative to relevant chapters of the city's Comprehensive Plan. Major sections of the CIP relative to Comprehensive Plan chapters are listed below, including the total funding associated with each.

CIP Section	Comprehensive Plan Chapter
Flint Water Crisis	N/A
Housing and Neighborhoods	Chapter 5 – Housing & Neighborhoods
Transportation and Mobility	Chapter 6 – Transportation & Mobility
Environmental Features, Open Space and Parks	Chapter 7 – Environmental Features, Open Space, and Parks
Infrastructure and Community Facilities	Chapter 8 – Infrastructure & Community Facilities
Economic Development and Education	Chapter 9 – Economic Development & Education
Public Health, Safety and Welfare	Chapter 10 – Public Safety, Health & Welfare

CIP Section	Total Project Cost	Total City Cost Share	Total Non-City Funds
Flint Water Crisis	\$274,375,000	\$0	\$238,000,000
Housing and Neighborhoods	\$220,413,657	\$36,562,633	\$160,857,724
Transportation and Mobility	\$83,658,419	\$24,521,293	\$28,888,124
Environmental Features, Open Space and Parks	\$20,338,110	\$8,587,000	\$5,650,310
Infrastructure and Community Facilities	\$503,864,886	\$72,556,600	\$210,468,573
Economic Development and Education	\$24,544,000	\$1,894,000	\$0
Public Health, Safety and Welfare	\$13,933,350	\$13,748,350	\$0
Total	\$1,141,127,422	\$157,869,876	\$643,864,731

As the Table above indicates, the largest expense categories in the CIP are infrastructure. Costs related to the Flint Water Crisis and other Infrastructure and Community Facilities expenses account for nearly 70% of total project costs. It is important to note that the City of Flint Comprehensive Plan was adopted in October of 2013. The City of Flint changed its water source to the Flint River in April of 2014. As a consequence, city priorities for capital expenditures were shifted in ways not envisioned in the plan.

While this CIP reflects the continued reality of addressing the unprecedented challenge of the water crisis, it is consistent with a theme from the Comprehensive Plan adopted in 2013—that the city must repair and modernize infrastructure. Overall, while this CIP places a greater priority on infrastructure expenditure than likely envisioned by the Master Plan, it maintains consistency by investing in blight elimination, neighborhood improvements, parks and recreation, and overall quality of life investments throughout the city.

Flint Water Crisis

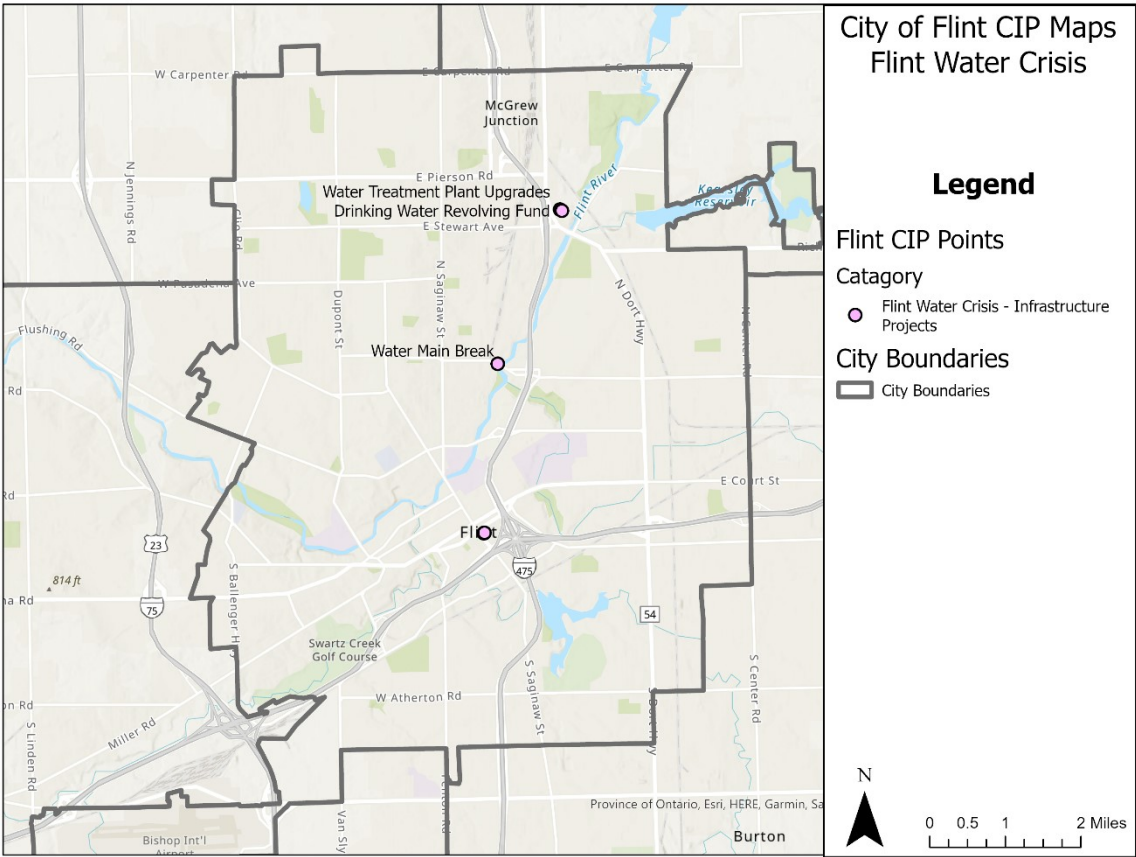
Infrastructure Projects

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Transmission Valve Replacement – City-Wide	1 – URGENT	\$25,000 per year	-	-	Continual
16" to 24" water valves throughout the City are aging (some are inoperable) and in need of replacement. This is to enable isolation of water in the event of a main break. Proposed 3-year program.					
Fire Hydrant Replacement	2 – IMPORTANT	\$250,000	-	-	Continual
4-year replacement program for aging/broken hydrants, approximately 50 hydrants per year.					
Drinking Water Revolving Fund/WIIN Projects	1 – URGENT	\$120,000,000	-	\$120,000,000 Partially Secured	Underway
Improvements to the Flint Water Treatment Plant, transmission lines, meter replacement, service line replacement and an engineering study. Funding was secured from the WIIN program (\$100 million) with a \$20 million State match.					
Residential Lead Service Line Replacement – Fast Start	1 – URGENT	\$82,600,000	-	\$47,000,000 Partially Secured	Underway
Full or partial replacement of lead and galvanized steel service lines. Estimates show that just over 19,000 homes are in need of repair/replacement. (Funding is part of DWRF/WIIN.) Filed for extension to work into 2023 to be completed by August 1, 2023.					
Water Meter Replacement	1 – URGENT	\$10,000,000	-	\$10,000,000 Secured	Underway
City-wide updating of commercial and residential water meters. (Funding is part of DWRF/WIIN.) Projected finish 2022.					
Water Treatment Plant Upgrades	1 – URGENT	\$58,500,000	-	\$58,500,000 Secured	Underway
Rehabilitation of the water treatment plant. (Funding is part of DWRF/WIIN.) Funding extended until December 31, 2023.					
Owner-Occupied Rehab	1 – URGENT	\$1,000,000	\$0	\$1,000,000 Secured	Underway
Funds from MSHDA were awarded to Habitat for Humanity for exterior and interior rehabilitation.					
Engineering Study	1 – URGENT	\$1,500,000	\$0	\$1,500,000 Secured	Planned
This is a proposed engineering study to take place in 2023 that will examine corrosive controls in the systems.					

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Water Main Break @ Hamilton and JP Cole	1 – URGENT	\$500,000	-	-	Proposed
16" Transmission Main in middle of Flint River is broken, approximately 350' of main needs to be replaced in addition to two (2) new 16" valves.					

Flint Water Crisis, Project Locations

Of the nine projects in this category, three are denoted at their respective locations throughout the city on the map below. The drinking water revolving fund is shown at the City’s drinking water treatment plant near the intersection of Stewart Ave and Dort Hwy, water treatment plant upgrades are denoted at the City’s sewage treatment plant, outside of City limits, near the intersection of Linden Rd and Beecher Rd, and the water main break in the middle of the Flint River, near the intersection of Hamilton and JP Cole streets is shown at that subject location. The remainder of the projects are City wide and are denoted at City Hall.



Water Crisis Projects Completed Since 2017

Project	Project Cost	City Cost Share	Non-City Funds
Atherton Road TIGER Project	\$14,912,000	\$1,759,000	\$13,117,000
Three (3) miles of roadway reconstruction, from Van Slyke to Dort Highway. Improvements include: a reduction from four lanes to three, addition of new bike lanes, and streetscape improvements including new greenbelt treatments and LED lighting and sidewalks.			
Dupont St. TIGER Project	\$8,612,000	\$0	\$8,612,000
1.75 miles of improvements from University Drive to Concord Street and from Pasadena Avenue to Bishop Avenue. A reduction from four traffic lanes to three, with the addition of bike lanes and similar treatments listed in the Atherton Road project.			
Atherton Rd & Dupont St Water Main Repairs	\$15,716,000	\$0	\$15,716,000
Improvements to two of the most neglected water mains. Project would run parallel to the TIGER project on the streets. Funding from the DWRLF has been secured.			

Housing and Neighborhood

Blight Elimination

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Eastside Vacant lot Rehabilitation Program	1 - URGENT	\$40,381 Secured	\$30,000	\$10,381	Underway
Added to NPI in 2021.					
Demolition	1 – URGENT	\$63,950,000 Secured	\$16,000,000	\$47,950,000	Underway
Demolish 2,500 – 3,000 vacant and blighted residential structures. 5-year cost. Grant funds secured. \$16,000,000 from City of Flint ARPA.					
Vacant Lot Reuse	1 – URGENT	\$1,400,000 Secured	\$500,000	\$900,000	Planned
Facilitate reuse of 2,500 – 3,000 vacant lots. 5-year cost. Grant funds secured. \$500,000 from City of Flint ARPA.					
Strategic Commercial Demolition	1-URGENT	\$1,274,768 Secured	\$659,768	\$500,000	Planned
Demolition of 5 commercial / residential redevelopment sites across the City.					
Code Enforcement	2-IMPORTANT	-	-	-	Proposed
Provide effective code enforcement to support blight removal and work to ensure that properties remain blight free. Partner with the Center for Community Progress to assess true costs of functional system.					
Boarding	1 – URGENT	\$1,100,000	-	-	Proposed
Boarding of 5,000 structures. 5-year cost.					
Mowing	1 – URGENT	\$17,988,300	-	-	Proposed
Mow 20,000 properties annually with next-door support and using mow strips for properties not adjacent to occupied properties, if not reused. 5-year cost.					
Waste Removal	1 – URGENT	\$3,800,000	-	-	Proposed
Removal of 71,000 tons of trash, debris, and hazardous trees. 5-year cost.					
Code Enforcement, boarding, mowing, waste removal			\$2,210,000	-	
\$2,210,000 in ARPA funds currently assigned to these three projects. The precise allocation of funds has not been determined as of July 2023.					

Improving Neighborhoods

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
LED Streetlight Conversion Program	2 – IMPORTANT	\$8,000,000(+)	\$8,000,000	\$0	Planned
Converting streetlights to LED fixtures would require an initial capital outlay but the savings are anticipated to have a payback as early as 4 years. To date over 300 fixtures have been converted. \$2,800,000 has been allocated from City of Flint ARPA funds.					
Residential Parcel Assessment	2 – IMPORTANT	\$25,000	\$0	\$25,000 Secured	Planned
Biennial inventory of residential parcels for structural quality and housing vacancy.					
Imagine Flint Neighborhood Planning Initiative	1 – URGENT	\$487,580 Secured	\$177,580	\$320,000	Planned
Two-year planning project that will create 6 neighborhood plans across Flint.					
Safe Routes to School – Brownell/Holmes, Eisenhower, Eagles Nest Academy	1 – URGENT	\$600,000	\$0	\$600,000 Secured	Planned
Mobility improvements that include sidewalks and crosswalks along key routes to school.					

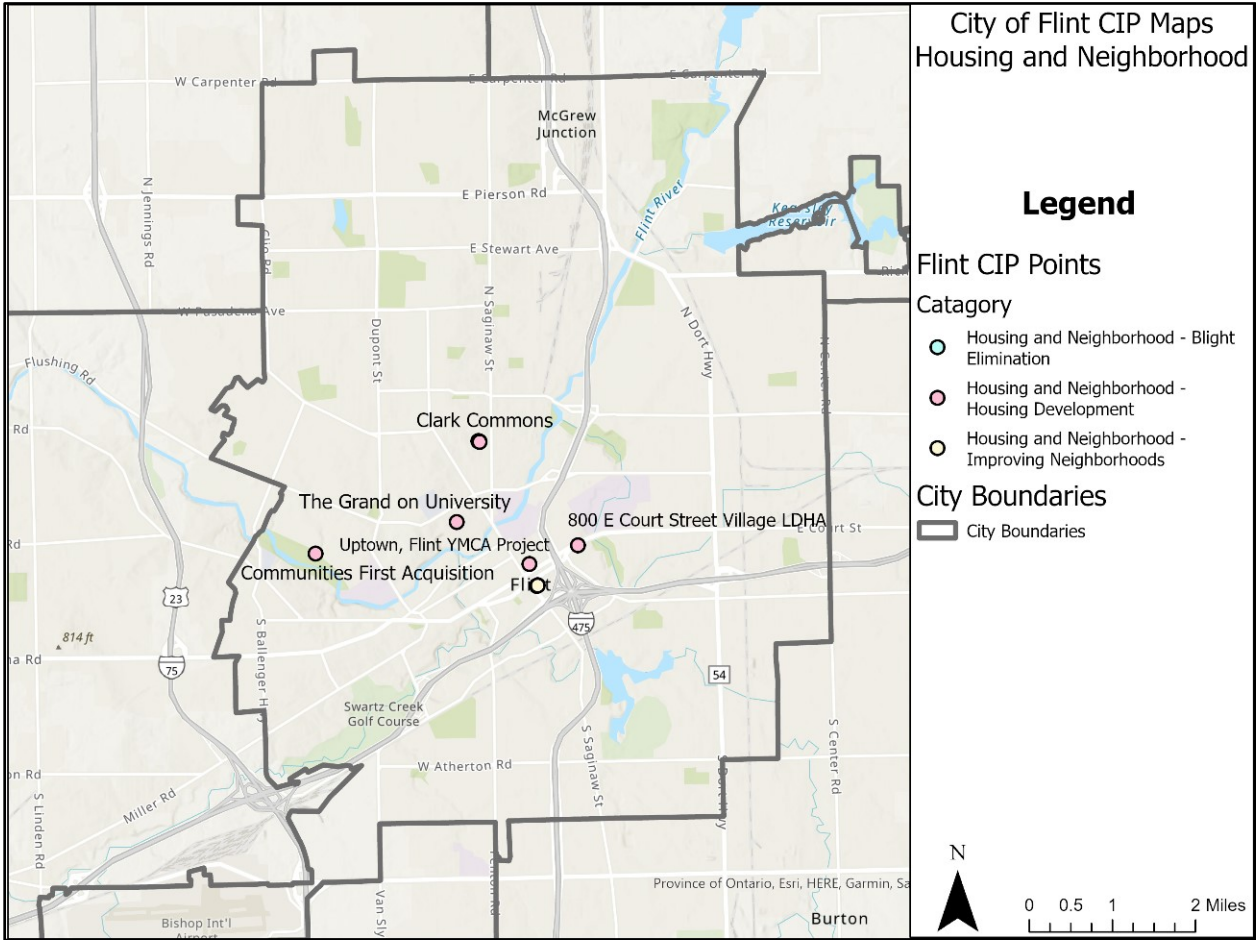
Housing Development

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Communities First Inc. Acquisition	2 – IMPORTANT	\$1,000,000 Secured	\$129,585	\$870,415	Underway
Orchard Lane Acquisition are 48 units of housing that anchor the north end of the Mott Park neighborhood one of Flint’s most stable residential neighborhoods. The housing has fallen into disrepair, and CFI has acquired it with the intent to provide much needed upgrades to all units, including 14 currently uninhabitable vacant units. CFI is currently stabilizing the property and will continue to rent units at affordable rates to prevent gentrification.					
Choice Neighborhood Phase II Housing Development	1 – URGENT	\$20,600,000	\$3,776,000	\$16,824,000	Underway
New construction of 48 multi-family, mixed-income, rental units at scattered sites within the Clark Commons (aka Smith Village) neighborhood area. 9% tax-credit awarded to the project in September 2020. Construction began in summer 2021.					
800 E Court Street Village LDHA	2- IMPORTANT	\$23,967,349	\$300,000	\$23,667,349	Planned
Rehabilitation of a one hundred forty-nine (149) unit affordable senior housing project in Flint, to be known as 800 E Court Street Village Apartments. Construction is expected to begin in the spring of 2023.					
Uptown Reinvestment Corporation Flint YMCA Living Project	2- IMPORTANT	\$40,000,000 Secured	\$1,500,000	\$38,500,000	Planned
The project will construct a new 5-story mixed-use building on a 2.74-acre site in downtown Flint. The new development will contain the relocated Flint YMCA with an estimated 57,500 square feet of space on the first and second floors. The building will also feature a 2,400 square foot medical rehabilitation facility, approximately 7,583 square feet of office space, and 50 new apartments. The City is assisting the project with a payment in lieu of taxes (PILOT) at 10% for 30 years, with an estimated value of over \$1.5 million.					
Choice Neighborhood Phase III-A & B Housing Development	1 – URGENT	\$36,180,279 Secured	\$5,489,700	\$30,690,579	Proposed

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
<p>(Phase 3 has been broken into 2 phases; A & B.). Phase 3-A: New construction of 46 multi-family, mixed-income, rental units at scattered sites within the Clark Commons (aka Smith Village) neighborhood area. 9% tax-credit application was submitted to the Michigan State Housing Development Authority in February 2021. Construction anticipated to begin in late fall 2021. Financing is not final, numbers listed are estimates.</p> <p>Phase 3-B: New construction of 52 multi-family, mixed-income, rental units at scattered sites within the Clark Commons (aka Smith Village) neighborhood area. 9% tax-credit application to submitted to the Michigan State Housing Development Authority in October 2021. Construction anticipated to begin in spring 2022. Financing is not complete, numbers listed are estimates.</p>					

Housing and Neighborhood, Project Locations

The map below shows the project locations of the Housing and Neighborhood category, projects. The different Clark Commons projects are all located at the “Clark Commons” point and the Communities First Acquisition, which is 48 housing locations on the North end of the Mott Park neighborhood. This project is denoted within Mott Park. The remainder of these projects that have multiple locations, or are city wide, are denoted at City Hall.



Housing and Neighborhood Projects Completed Since 2017

Project	Project cost	City Cost Share	Non-City Funds
Vacant Lot Improvements (other)	\$7,212	\$4,800	\$2,412
Habitat for Humanity Rehabilitation	\$282,011	\$250,000	\$32,011
Duplex at 603 W. Court			
Communities First Inc. Rehab & New Construction	\$13,892,667	\$766,581	\$13,126,086
Coolidge School Apartments Adaptive Reuse. Project and New Construction			
Flint Marketplace Development	\$19,534,161	\$250,000	\$19,284,161
New construction of mixed-income housing at 310 E. Third Street			
Communities First Inc. Acquisition	\$1,397,825	\$527,523	\$870,302
Acquisition of Avon Park Apartments			
Habitat for Humanity New Construction	\$456,924	\$250,000	\$206,924
Sylvan Court Quad, new construction 315 Sylvan Court - final approval 4-19-2021			
Habitat for Humanity New Construction	\$246,832	\$245,661	\$1,171
Live/Work Duplex at 1214 University			
Choice Neighborhood Phase I Housing Development	\$16,863,421	\$6,640,000	\$10,223,421
New construction of 62 multi-family, mixed-income rental units at 1223 N Saginaw and scattered sites to the north, south, and west. Construction began in September 2020. All buildings to be complete by June 2021.			

Transportation and Mobility

Maintenance of Existing Streets

Project Name	Priority	Total Cost	City Cost Share	Non-City Funds	Status
MDOT projects	1 – URGENT	\$8,000,000	\$556,000	-	Continual
City cost share represents 12.5 percent of MDOT local share of federal project costs for improvements within City jurisdiction. MDOT completed construction I-69. Second Street bridge (MDOT funded – bridge bundling – estimated \$8 million).					
Miller Road	1 – URGENT	\$2,182,234	\$466,672	\$1,715,562 MDOT TIF FUNDING SECURED	Underway
Re-surfacing and repairs from Hammerberg Road to Ballenger Highway. Four-lane to three-lane road diet included. This project is currently underway with its start date in 2021.					
12th Street	1 – URGENT	\$571,666	\$205,800	\$365,866 TIP PASER SECURED	Planned
Light mill and re-surfacing of asphalt road. Including a four-lane to three-lane road diet. From Grand traverse Street to Fenton Road. Scheduled for 2023.					
Saginaw Street Brick Resurfacing	1 – URGENT	\$3,464,980	\$766,794	\$2,698,186 TIP SECURED	Planned
Resurfacing existing brick-surfaced segment of Saginaw Street from Flint River to Court Street with brick and other materials to improve road surface and environment for safe travel of motorists, bicyclists, and pedestrians. Currently in Design phase, this project is partially on hold due to water main updates underneath the street that require updated water main designs. Tentative start – Sprint 2023.					
Road Diet (MLK Corridor Enhancement Program)	2 – IMPORTANT	-	-	-	Proposed
Road diet along MLK Corridor.					
Lapeer Road I-69 to Dort Highway	2 – IMPORTANT	\$1,382,973	\$276,595	\$1,106,378	Proposed
Milling and resurfacing of existing pavement, pavement repairs, manhole adjustments, and reconstruction or curb ramps from I-69 to Dort Highway. Costs include PE, construction, and CE. 2023 or 2024 proposed start year.					
Future TIP Projects	2 – IMPORTANT	\$1,500,000	\$300,000	\$1,200,000	Proposed
Milling and resurfacing projects including Lapeer Road. Projected start either 2023 or 2024.					

Project Name	Priority	Total Cost	City Cost Share	Non-City Funds	Status
Lapeer Road – Center Rd to Railroad Tracks	2 – IMPORTANT	\$1,127,085	\$225,417	\$901,668	Proposed
Milling and re-surfacing of existing pavement, pavement repairs, manhole adjustments and reconstruction of curb ramps from Center Road to Dort Highway. Costs includes PE, construction, and CE.					
Mackin Road	2 – IMPORTANT	\$2,500,000	\$485,000	\$2,015,000	Proposed
Total reconstruction with storm sewer upgrades, new sidewalk, drive approaches, ADA ramps, and signals from Ballenger Highway to Grand Traverse. Cost includes PE, construction, and CE.					
Martin Luther King Avenue	2 – IMPORTANT	\$3,750,000	\$750,000	\$3,000,000	Proposed
Total reconstruction with storm sewer upgrades, new sidewalk, drive approaches, ADA ramps, and signals from Pierson to Downtown. Costs include PE, construction, and CE.					
Hamilton Avenue	2 – IMPORTANT	\$830,285	\$166,057	\$664,228	Proposed
Project to include milling the existing pavement, existing repairs, placement of 4 inches of HMA over existing pavement, manhole adjustments, sidewalk ramps, and associated sidewalks and curbs reconstructed in accordance with ADA guidelines from Chevrolet to ML King. Cost includes PE, construction, and CE. TIP application submitted. Competing for federal funding award.					
Grand Traverse Street	2 – IMPORTANT	\$2,282,633	\$456,526	\$1,826,106	Proposed
Project to include milling the existing pavement, pavement repairs, placement of 4 inches of HMA over existing pavement, manhole adjustments, sidewalk ramps, and associated sidewalks and curbs reconstructed in accordance with ADA guidelines from Welch to Court. Cost includes PE, construction, and CE. TIP application submitted. Competing for federal funding award.					
Flint Cemetery Driveway	3 – DESIRABLE	\$100,000	\$100,000	\$0	Proposed
Construct a new driveway to improve accessibility to the cemetery, particularly for veterans.					
Residential Streets	1 – URGENT	\$12,000,000	\$12,000,000	\$0	Proposed
Includes a variety of road treatments to preserve and maintain residential streets annually at a cost of \$2,000,000 to \$50,000,000 need. Enacted Road Funding Bill to provide additional funds for road/bridge maintenance. This project started in 2022 with \$1.2 million.					

Project Name	Priority	Total Cost	City Cost Share	Non-City Funds	Status
Hamilton Avenue	2 – IMPORTANT	\$1,928,498	\$385,699	\$1,542,798	Proposed
Project to include milling the existing pavement, pavement repairs, placement of 4 inches of HMA over existing pavement, manhole adjustments, sidewalk ramps and associated sidewalks and curb reconstructed in accordance with ADA guidelines from ML King to Broadway. Costs include PE, construction and CE. TIP application submitted. Competing for federal funding award.					
Davison Road	2 – IMPORTANT	\$1,983,650	\$396,730	\$1,586,920	Proposed
Project to include milling the existing pavement, pavement repairs, placement of 4 inches of HMA over existing pavement, manhole adjustments, sidewalk ramps, and associated sidewalks and curb reconstructed in accordance with ADA guidelines from Hamilton to Dort. Costs include PE, construction, and CE.					
Fleming Road	2 – IMPORTANT	\$1,762,578	\$352,516	\$1,410,062	Proposed
Project to include milling the existing pavement, pavement repairs, placement of 4 inches of HMA over existing pavement, manhole adjustments, sidewalk ramps, and associated sidewalks and curb reconstructed in accordance with ADA guidelines from Pasadena to Bell Creek. Costs include PE, construction, and CE. TIP application submitted. Competing for federal funding award. Projected start for Spring of 2023.					
Van Slyke Road	2 – IMPORTANT	\$858,837	\$171,767	\$687,070	Proposed
Project to include milling the existing pavement, pavement repairs, placement of 4 inches of HMA over existing pavement, manhole adjustments, sidewalk ramps, and associated sidewalks and curbs reconstructed in accordance with ADA guidelines from Atherton to Hemphill and a pedestrian crosswalk added at the Atherton Road intersection. Cost includes PE, construction, and CE. TIP application submitted. Competing for federal funding award.					
Court Street	2 – IMPORTANT	-	-	-	Proposed
Reconstruction of Court Street from Corunna Street to I-475 in connection with MDOT. Phase 1 reconstruct from Carpenter to Flint River Phase 2 reconstruct from Flint River to I-475 Phase 3 reconstruct from I-475 to Bristol.					
Welch Street	3 – DESIRABLE	-	-	-	Proposed
Resurfacing of Welch Street Paved from Ballenger to Chevrolet in 2023.					

Technology and Wayfinding

Project Name	Priority	Total Cost	City Cost share	Non-city Funds	Status
Analysis of City Traffic Signals	2 – IMPORTANT	\$5,000 per intersection	-	-	Proposed
Review of all City traffic signals to determine if they are warranted, and if so determine if synchronization, cycle length changes, etc. can improve mobility and reduce delays. There is an upcoming project associated with the analysis for turn counts according to Street Light Data.					

Infrastructure Design

Project Name	Priority	Total Cost	City Cost share	Non-city Funds	Status
Clio & Welch Roundabout	2 – IMPORTANT	\$3,000,000	-	-	Proposed
Construct a roundabout at the intersection of Clio and Welch.					
Saginaw, MLK, & First Avenue Roundabout	2 – IMPORTANT	\$3,000,000	-	-	Proposed
Construct a roundabout at the intersection of Saginaw Street, Martin Lutheran King, and First Avenue.					

Mobility and Access

Project Name	Priority	Total Cost	City Cost share	Non-city Funds	Status
City-Wide Transportation Network Analysis	1 – URGENT	-	-	-	Proposed
Study suggested to perform a thorough analysis of the true needs of the City’s roadway network.					
Bus Rapid Transit	3 – DESIRABLE	-	-	-	Proposed
The City, in partnership with the Mass Transit Authority (MTA), should pursue a feasibility study on BRT transit along Saginaw Street. Identified as the “primary artery” within Flint, BRT along Saginaw Street would provide increased accessibility and access through much of the City’s core.					

Bridges

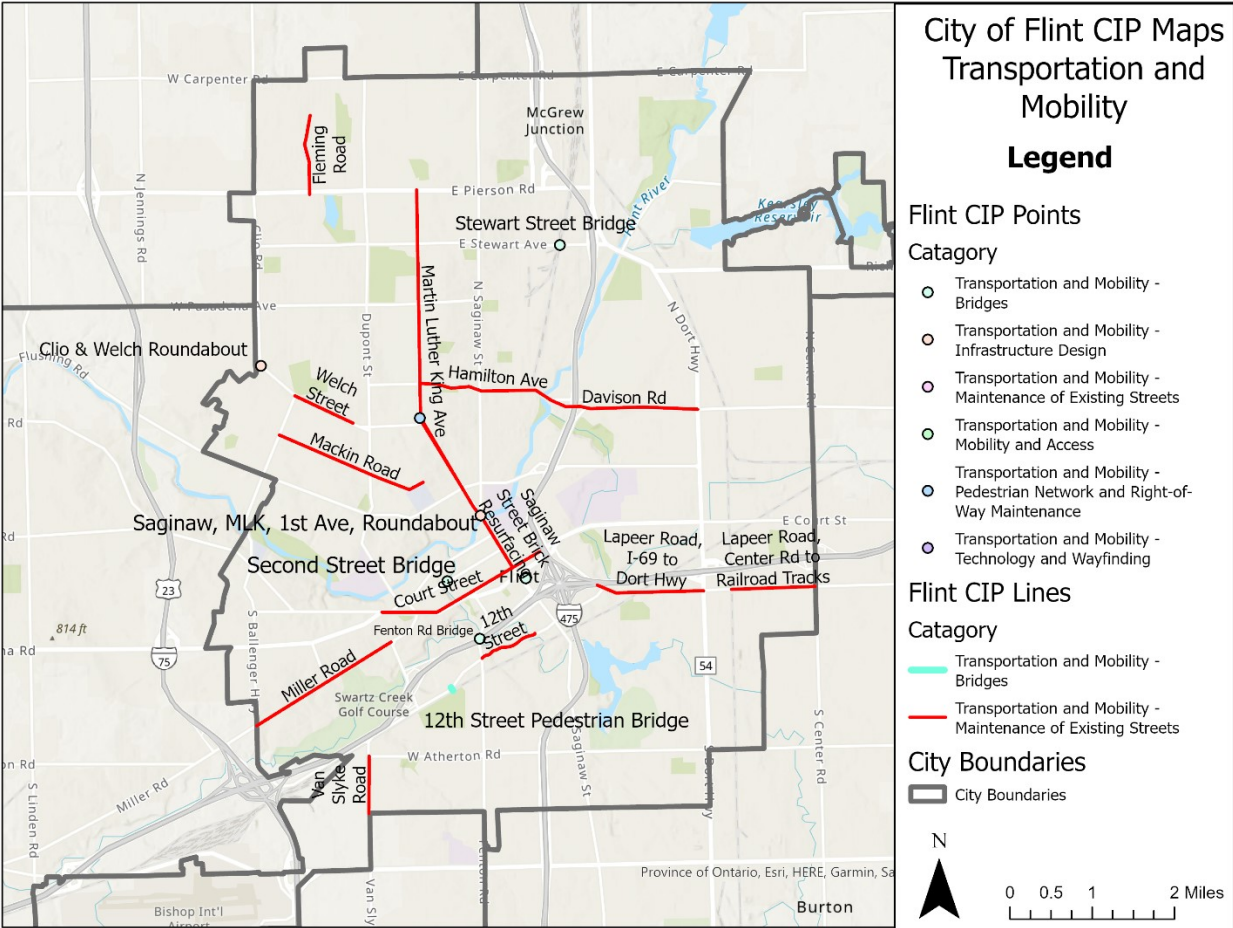
Project Name	Priority	Total Cost	City Cost Share	Non-City Funds	Status
Bridge Maintenance Project	1 – URGENT	\$1,000,000	\$200,000	\$0	Continual
Annual allocation of \$200,000 to perform miscellaneous routine bridge maintenance projects.					
Fenton Road Bridge over Thread Creek	1 – URGENT	\$2,853,000	\$684,720	\$2,168,280 TIP Funding	Planned
Relocation and replacement of bridge from under I-69 bridge. Includes PE and CE cost. This project is currently planned, with a CE RFP being sent out at the end of 2022.					
Second Street Bridge over Swart Creek	1 – URGENT	\$6,000,000	\$0	\$6,000,000 MDOT Bridge Bundle	Planned
Complete replacement of bridge. Currently on 6-month inspection cycle due to condition of bridge. This is a bridge bundling project with MDOT.					
12th Street Pedestrian Bridge	3 – DESIRABLE	\$300,000	\$300,000	\$0	Proposed
Demolish pedestrian bridge over 12 th Street and railroad at Southwestern Academy. Verify that bridge no longer is needed to meet future plans of Flint Community Schools and Master Plan implementation.					
Western Bridge	1 – URGENT	\$4,000,000	-	-	Proposed
Reconstruct Western Bridge.					
Pedestrian Bridge over Flint River	1 – URGENT	\$2,000,000	-	-	Proposed
Construct a pedestrian bridge over the Flint River.					
Stewart Street Bridge	3 – DESIRABLE	\$10,000,000	-	-	Proposed
Reconstruction of Stewart Street Bridge within the next 5 to 10 years.					

Pedestrian Network and Right-of-Way Maintenance

Project Name	Priority	Total Cost	City Cost Share	Non-City Funds	Status
Sidewalk Repairs	2 – IMPORTANT	\$2,175,000	\$2,175,000	\$0	Continual
Repairs to sidewalks city-wide with estimated costs of \$70,000 per year for tree root or City damaged sidewalks. \$2,000,000 from City of Flint ARPA. \$175,000 from Community Development Block Grant, per year.					
Street Tree Maintenance	2 – IMPORTANT	\$2,000,000	\$2,000,000-	-	Continual
Annual allocation to perform routine maintenance of urban tree system as recommendation in the Street Tree Management Plan. \$2,000,000 from City of Flint ARPA.					
Sidewalk Repairs	1 – URGENT	\$50,000	\$50,000 ACT 51 FUNDING SECURED	\$0	Underway
MLK Corridor Enhancement Program					
Tandem Trucks	1 – URGENT	\$1,050,000	\$1,050,000	\$0	Proposed
Purchase two trucks per year for the next three years; thereafter follow approved depreciation schedule for vehicle replacements (\$175,000 each)					
Salt Storage Facility	2 – IMPORTANT	-	-	-	Proposed
Secure additional salt storage facility in northern section of City to decrease salt truck reload time and improve plowing efficiency.					
Equipment Storage Facility	2 – IMPORTANT	-	-	-	Proposed
Facility to store vehicles to protect engines and mechanical parts to decrease startup time/downtime and improve response times.					

Transportation and Mobility, Project Locations

Below are the project locations of the Transportation and Mobility category. Maintenance of specific road and bridge locations are spread throughout the city. Additionally, several projects in this section are City wide, such as City-Wide Transportation Network Analysis and sidewalk repairs. Projects of this nature are denoted at City Hall.



Transportation and Mobility Projects Completed Since 2017

Maintenance of Existing Streets

Project	Project Cost	City Cost Share	Non-City Funds
Atherton Road TIGER Project	\$17,724,803	\$2,703,201	\$4,208,800
Three (3) miles of roadway reconstruction from Van Slyke to Dort Highway. Improvements would include: a reduction from four lanes to three, addition of new bike lanes, and streetscape improvements including new greenbelt treatments and LED lighting and sidewalks.			
Dupont Street TIGER Project	\$13,336,636	\$1,936,367	\$3,654,800
1.75 miles of improvements would occur from University Drive to Concord Street and from Pasadena Avenue to Bishop Avenue. A reduction from four traffic lanes to three, with the addition of bike lanes and similar treatments listed in the Atherton Road project. Bishop to Pasadena and Copeman to University, one final section still pending on Iroquois Street			
Robert T Longway Boulevard	\$898,849	\$470,569	\$719,078
Repairing and resurfacing of road between Chavez Drive and East Boulevard Drive. Realignment of lanes west bound. Spring 2021.			
Andrew Street	\$874,971	\$0	\$874,971
Full reconstruction of Andrew Street from Stewart road to Wager. Andrew will remain a three-lane, one-way road with the potential to be converted into two-way in the future. Costs include PE, construction, and CE. Preliminary design completed by MDOT. Project constructed 2016.			
Fenton Road	\$788,591	\$157,718	\$630,873
Milling and resurfacing of existing pavement, pavement repairs, manhole adjustments, and reconstruction of curb ramps from Hemphill to Campbell Street. Costs include PE, construction, and CE. Fleis & Vanderbrink performing preliminary engineering and design. Construction anticipated calendar year 2017.			
Stewart Avenue	\$1,633,690	\$326,738	\$1,306,952
Milling and resurfacing of existing pavement, pavement repairs, manhole adjustments, and reconstruction of curb ramps from Andrew Street to Dupont Street. Cost include PE, construction, and CE.			
Court Street	\$3,296,932	\$659,386	\$2,637,546
Project to include milling the existing pavement, pavement repairs, placement of 4 inches of HMA over existing pavement, manhole adjustments, sidewalk ramps and associated sidewalks and curb reconstructed in accordance with ADA guidelines from Crapo to Center. Costs include PE, construction, and CE. TIP application submitted. Competing for federal funding award.			
Kearsley Street	\$1,318,891	\$263,778	\$1,055,113
Resurfacing project to include milling the existing pavement, pavement repairs, placement of 4 inches of HMA over existing pavement, manhole adjustments, sidewalk ramps and associated sidewalks and curbs reconstructed in accordance with ADA guidelines Chevrolet to Beach. Costs includes PE, construction, and CE. Wade Trim performing preliminary design. Construction anticipated FY 2017.			

Project	Project Cost	City Cost Share	Non-City Funds
Stewart Avenue	\$1,628,097	\$0	\$1,628,097
Full reconstruct of Stewart Avenue from James P Cole to Dort. Stewart will be reduced from a six-lane roadway to five lanes. Costs include PE, construction, and CE. Preliminary design completed by MDOT. Project constructed 2016. Additional \$192,000 grant awarded to cover projected project cost overrun.			
Saginaw Street	\$639,337 TIP PASER 5 Project	\$260,470	\$378,866
Light Mill and re-surfacing of asphalt road. Including a four-lane to three-lane road diet. From W. Oakley Street to Atherton Road. Scheduled for 2023.			
Beach Street	-	-	-
Reconstructing Beach Street from a one-way to a two-way traffic street. Completed from 12th Street to 10th Street and from 9th Street to Court Street.			
Miller Rd	\$2,173,634	\$2,173,634	
\$2,173,634 from City of Flint ARPA. Water main replacement and road resurfacing.			

Infrastructure Design

Project	Project cost	City Cost Share	Non-City Funds
Saginaw Street	\$1,940,822	\$388,164	\$1,552,658
Milling and resurfacing of existing pavement, pavement repairs, manhole adjustments and reconstruction of curb ramps from Hamilton Avenue to the Flint River. Costs include PE, construction, and CE.			

Bridges

Project	Project Cost	City Cost Share	Non-City Funds
Atherton Road over Carmen Creek Bridge	\$425,000	\$85,000	\$340,000
Rehabilitate the bridge over Carmen Creek. Costs include PE, construction, and CE.			
Torrey Road (12th Street) Bridge over Carmen Creek	\$1,227,500	\$245,500	\$982,000
Bridge replacement. Costs include PE, construction, and CE. Construction anticipated in FY 2017.			
S. Saginaw Street Bridge over Flint River	\$387,500	\$77,500	\$310,000
Prevention maintenance project. Costs include PE, construction, and CE. Construction anticipated in FY 2018.			

Environmental Features, Open Space, and Parks

Neighborhood Park Improvement

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Parks Partnership Agreement – Genesee County Parks	2 – IMPORTANT	\$500,000	\$0	\$500,000 FY 2022-2025 Secured	Continual
The City of Flint has a Parks Partnership Agreement with the Genesee County Parks and Recreation Commission. This partnership has been funded in some capacity since 2014 and has recently been expanded to include non-mowing maintenance, safety patrols, etc. for all City parks (in addition to what was already included in the agreement). This partnership agreement is funded through a CS Mott Foundation Grant.					
Arbor Day Celebration	2 – IMPORTANT	\$2,000	\$2,000	\$0	Continual
City of Flint's Annual Arbor Day Celebration is coordinated through partnership with the Genesee Conservation District. Location and number of trees to be determined annually.					
McKinley Park Improvements	1 – URGENT	\$300,000	\$0	\$300,000 Grant secured	Underway
The City was awarded a Natural Resources Trust Fund grant from MDNR to make improvements to McKinley Park, which is located on Thread Lake. Project includes an accessible path connection to the waterfront with a new accessible kayak/canoe launch. Work is ongoing and is expected to be complete in Spring of 2023. CDBG funding is paying for the Prime Professional to oversee the project, and additional CDBG funding was used to purchase and install new playground equipment recently.					
Grand Traverse Greenway Trail	2 – IMPORTANT	\$4,800,000	-	\$700,000 Secured & Partially Completed	Underway
Three (3)-mile multi-use trail on the abandoned CSX Railroad to connect Downtown Flint, the Flint River, and surrounding neighborhoods to the southern part of the City. Environmental Studies are being completed, and a TAP Grant application has been submitted and is pending MDOT approval. Additional funding would be needed for match for this project. Acquisition completed and are seeking funding for development.					
McKinley Community Center Rehabilitation	1 – URGENT	\$550,310	\$0	\$550,310 Fully Secured	Underway
Rehabilitation of the McKinley Community Center due to structural fire; phase 1 (\$100,000) of repair was completed, phase 2 (\$390,000) is underway and expected to be completed winter of 2022-2023, dependent on additional funding. Funding Fully Secured: \$135,550 Parks Millage Funding & \$414,760 CDBG Funding.					

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Pierce Park Recreation Area Improvements	2 – IMPORTANT	-	\$0	\$10,000 Flint Grant Secured	Planned
Community planned investments to repurpose the former golf course into a multi-use recreation area. Improvements to include natural walking paths, wetland restoration and reforestation, invasive species removal, and improved lighting. The pavilion was recently repaired as part of this effort.					
Bassett Park Improvements	2 – IMPORTANT	\$150,000	\$0	\$80,000 Partial CDBG Funding	Planned
Improvements may repair of existing tennis courts and baseball field, upgraded lighting, repair of bollards, forestry work, or other improvements as directed by community input.					
Cronin Derby Downs Improvements	2 – IMPORTANT	\$560,000	\$560,000		Planned
Rehabilitation and improvement of the Cronin Derby Downs site, which has historically served as the only dedicated Soap Box Derby site in the region. Project will include rehabilitation of the track, installation of bleachers, lighting, and possibly a new entrance and parking lot. \$560,000 from Community Development Block Grant.					
Flint Sk810/ Skatepark Project	2 – IMPORTANT	\$1,200,000	\$0	\$200,000 Secured	Planned
Installation of a state-of-the-art skatepark within Kellar Park (next to Swartz Creek Golf Course), at the site of the current skatepark that is in a state of disrepair. Flint Sk810 group is spearheading the project, in collaboration with United Way of Genesee County.					
McKinley Park Improvements – CHOICE Funding	2 – Important	\$350,000	-	\$350,000 Secured	Planned
Through the CHOICE Neighborhoods Implementation Grant process, \$350,000 was allocated to complete various park improvements at McKinley Park. Improvements may include pavilion repair, wayfinding signage, new smaller pavilion installation, a mural on the community center, etc.					
Windiate Park Improvements – CHOICE Funding	2 – IMPORTANT	\$250,000	-	\$250,000 Secured	Planned
Through the CHOICE Neighborhoods Implementation Grant process, \$250,000 was allocated to complete various park improvements at Windiate Park. Improvements may include wayfinding signage, exercise stations, interactive artwork, rehab of t-ball field, etc.					

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
St. John Street Neighborhood Park	2 - IMPORTANT	\$2,600,000	\$650,000	\$250,000 Secured through Proceeds \$1,000,000 Grant from DNR	Planned
<p>Convert West Boulevard Park into St. John's Street Neighborhood Memorial Park; this park will serve as a memorial and neighborhood space to honor and reflect on the past of the St. John's Street Neighborhood, which was displaced and destroyed during the Urban Renewal Era. City applied for a SPARK Grant to MDNR on January 30, 2023 and was awarded \$1,000,000 for this project. \$250,000 has been secured from the proceeds of sale from former community building. \$500,000 ARPA funding has been secured. \$150,000 from Community Development Block Grant.</p>					
Park Forestry Management	1 – URGENT	\$530,000	\$30,000 Secured	\$500,000	Planned
<p>The City utilizes the Genesee Conservation District to manage tree removal within the City's network of parks (as well as the partnership agreement with Genesee County, which has paid for some forestry work recently). The Conservation District uses trained forestry staff to ensure that the City's limited forestry funds are used in a manner that is both equitable and efficient. Funds was set aside for forestry work in the spring of 2021, but a forestry plan should be created and prioritized for funding as a result of a comprehensive street and park tree inventory. A \$500,000 grant from Genesee County Treasurer to the Genesee County Land Bank Authority will help support this project.</p>					
Park Sign Replacement – Various Parks	3 – DESIRABLE	\$118,800	\$118,800	-	Proposed
<p>Replace or install park signs at 33 parks across the City. \$118,000 from City of Flint ARPA.</p>					
Bollards/Fencing Repairs – Various Parks	2 – IMPORTANT	\$1,360,000	\$1,360,000	-	Proposed
<p>Replace or install bollards or fencing at 42 parks across the City. \$1,360,000 from City of Flint ARPA.</p>					
Gate Repair/ Replacements – Various Parks	3 – DESIRABLE	\$12,000	\$12,000	-	Proposed
<p>Repair or replace gates at Aldrich, Broome, Dewey, and Sarvis Parks. \$12,000 from City of Flint ARPA.</p>					
Pavilion Installation or Repair – Various Parks	3 – DESIRABLE	\$900,000	\$900,000	-	Proposed
<p>Repair or replace pavilions at 18 parks across the City. \$900,000 from City of Flint ARPA.</p>					
Parking Lot Repair – Various Parks	2 – IMPORTANT	\$885,000	\$885,000	-	Proposed

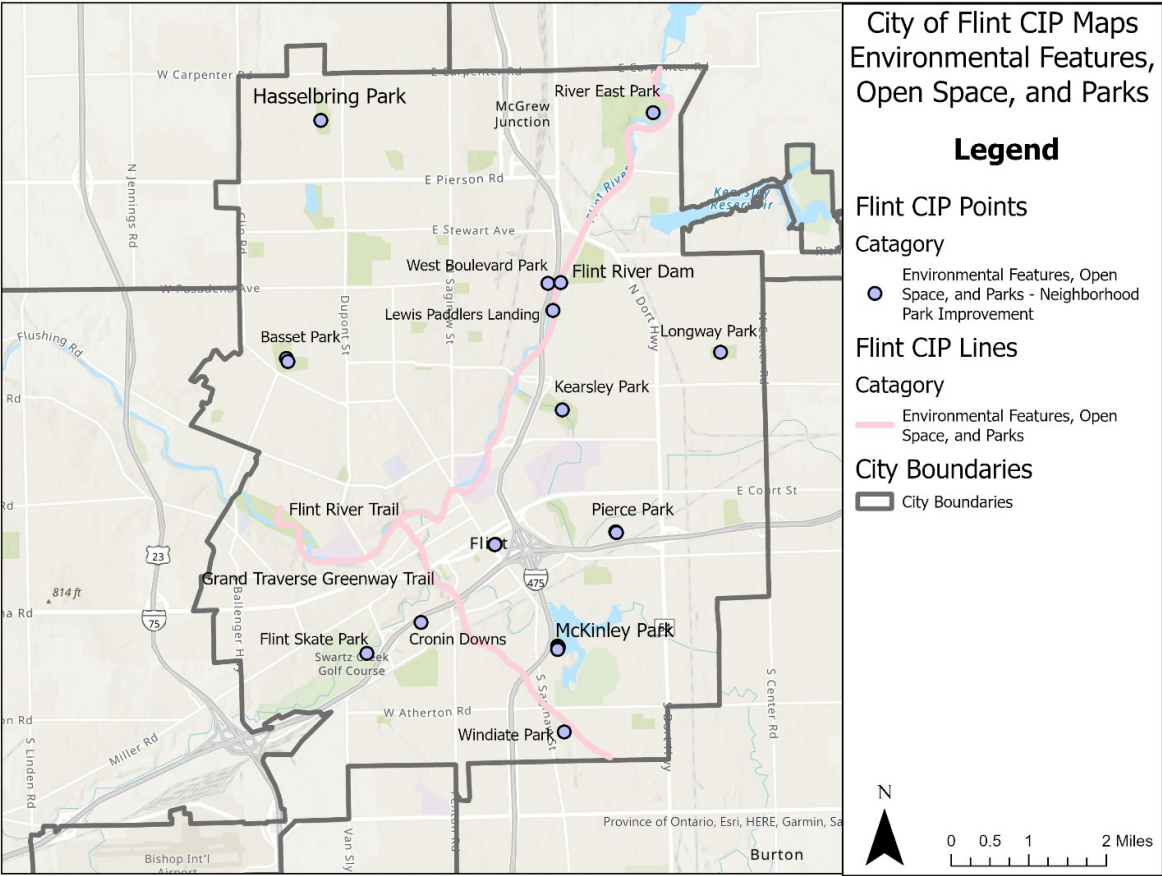
Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Repair existing parking lots at 16 parks across the City. \$885,000 from City of Flint ARPA.					
Basketball Court Rehab – Various Parks	3 – DESIRABLE	\$360,000	\$360,000	-	Proposed
Repair or replace basketball courts at eight parks across the City. \$360,000 from City of Flint ARPA.					
Baseball Field Repair – Various Parks	3 – DESIRABLE	\$100,000	\$100,000	-	Proposed
Repair baseball fields at Sarginson, McCallum, Longway, Flint Park Lake, and Bassett Parks. \$100,000 from City of Flint ARPA.					
Tennis Court Rehab – Various Parks	3 – DESIRABLE	\$160,000	\$160,000	-	Proposed
Repair existing tennis courts at Bassett, Eldorado Vista, Kellar, Sarginson, and Whaley Parks. \$160,000 from City of Flint ARPA.					
Soccer Field Rehab – Various Parks	3 – DESIRABLE	\$200,000	\$200,000	-	Proposed
Repair existing soccer fields at Broome, Pierce, and Whaley Parks. \$200,000 from City of Flint ARPA.					
CPTED Improvements – Various Parks	2 – IMPORTANT	\$1,020,000	-	-	Proposed
Complete Crime Prevention Through Environmental Design (CPTED) improvements at various parks across the City. Improvements would include clearing brush and trimming trees to clear line of site, improve lighting, emergency access, etc.					
Longway Park Rugby Field Repairs	2 – IMPORTANT	\$100,000	-	-	Proposed
Repair and improve the Rugby Fields at Longway Park.					
Kearsley Park Walking Path Repair	1 – URGENT	\$75,000	-	-	Proposed
Repair washed out portion of the walking path within Kearsley Park.					
Riverside East/East Boulevard Park	3 – DESIRABLE	\$200,000	-	-	Proposed
Reopen this park for use; improvements would need to include replacing asphalt driveway and parking area, replacing the fishing pier, etc.					
Flint River Trail Improvements	3 – DESIRABLE	\$1,500,000	-	-	Proposed
Improvements to the Flint River trail, including resurfacing, improved trail crossings, wayfinding signage, etc.					
Genesee Valley Trail Improvements	3 – DESIRABLE	\$100,000	-	-	Proposed
Improvements to the Genesee Valley Trail, including improved trail crossings, wayfinding signage, etc.					

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Park Naturalization Plan	2 – IMPORTANT	-	-	-	Proposed
Develop a Park Naturalization Plan to identify and prioritize City-owned parks for naturalization and reduced maintenance. To date, the duck pond at Cronin Derby Downs has been completed, partial naturalization of Pierce Park has been completed, and the Mott Park Recreation Area now houses a disc golf course (with lower environmental impact than the former golf course). Future projects identified will include Hasselbring Park, Lewis Street, Bassett Park, Broome Park, and Dayton Park.					
Bassett Park – Park Naturalization/ Education Project	3 – DESIRABLE	-	-	-	Proposed
Project to promote naturalization within Bassett Park, next to Haskell Community Center. Project may include installation of large rain garden and duck habitat to manage storm water and to naturally manage flooding at the corner of Parkhurst and Forrest Hill, interpretive signage, walking path, native wild flower garden, and educational interpretive signage. So far, some forestry work has been completed within the forested area of Bassett Park.					
Hasselbring – Park Naturalization/ Education Project	2 – IMPORTANT	-	-	-	Proposed
Project will restore historic wetlands and partially daylight Brent Run Creek inside the park. The former creek once ran from Flint Park Lake to the City limit at Carpenter Road. Project will use green infrastructure to manage flooding in the park, Hasselbring Senior Center, and nearby homes. Project will build off the Max Brandon Eco-Park Project to create interpretive signage and an intergenerational environmental education component.					
Emerald Ash Borer Mitigation Plan	2 – IMPORTANT	-	-	-	Proposed
The City will develop a mitigation/remediation plan in response to the devastation brought on by the Emerald Ash Borer.					
Pierce Recreation Area Restoration	2 – IMPORTANT	-	-	-	Proposed
Environmental Education & Naturalization project focused on restoring bird habitats, native grasses, wild flowers (especially milkweed), and wet land plants, in low lying and un-mowed areas of the former golf course. This project has been partially completed, with the establishment of naturalized areas in a large un-mowed section of the park. Future projects to include trails along already established walking routes, place-based interpretive and environmental signage, and the establishment of a community garden (among others).					
Flint River Restoration Project – Utah Dam & Pedestrian Bridge	2 – IMPORTANT	\$1,400,000	\$0	\$1,400,000	Proposed
Building off the Hamilton & Fabri Dam removals, removing the non-functioning Utah Dam is also important. While the dam is no longer used, this is an important crossing of the Flint River Trail from the east bank and west bank, which is part of the State-wide Iron Belle Trail. Currently seeking funding for this project, and work will coordinate between Parks and DPW.					

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
General Park Improvements			\$3,250,000		
<p>\$3,250,000 in ARPA funds currently assigned to these three projects. The precise allocation of funds has not been determined as of July 2023.</p>					

Environmental Features, Open Space, and Parks

Below are the project locations of Environmental Features, Open Space, and Parks category. Major parks around the City with proposed projects are denoted on this map. Trail improvements to the Flint River Trail and Grand Traverse Greenway Trail are denoted downtown, along the Flint River. Several projects that are City wide or involve multiple locations, are denoted at City Hall.



Environmental Features, Open Space, and Parks Projects Completed Since 2017

Project	Project Cost	City Cost Share	Non-City Funds
Farnumwood Park	\$25,000	\$0	\$25,000
Purchase and installation of a new playground.			
Mott Park Improvements	\$18,000	\$0	\$18,000
Additional playground equipment were installed in 2021 through the partnership with Genesee County Parks & Recreation Commission.			
Amos Park	\$9,775	\$0	\$9,775
Resurfaced basketball court installed new backboards and rims.			
Berston Park	\$21,134	\$0	\$21,134
Installation of a basketball court barrier, backboards, and rims.			
Bundy Park	\$23,080	\$0	\$23,080
Installation of a new playground.			
Delaware Park	\$21,347	\$0	\$21,347
Installation of a new playground.			
Durant Park	\$50,652	\$0	\$50,652
Installation of a new playground, basketball backboards, rims, and bleachers.			
Fleming Park	\$52,955	\$0	\$52,955
Installation of a new playground, horseshoe pits, completed ballfield maintenance.			
Flint Park Lake Park	\$50,000	\$0	\$50,000
Installation of a new playground.			
Hardenbrook Park	\$39,998	\$0	\$39,998
Installation of a new playground.			
Iroquois Park	\$70,979	\$0	\$70,979
Installation of a new playground, resurfaced basketball court, poles, backboards, and rims.			
Kearsley Park	\$59,969	\$0	\$59,969
Installation of two new playgrounds, one near the Kearsley Park Pavilion and one near Chavez.			
Martin Park	\$18,185	\$0	\$18,185
Resurfaced basketball court and installed new backboards and rims.			
Max Brandon Park	\$80,000	\$0	\$80,000
Installation of a new playground.			
McCallum Park	\$34,414	\$0	\$34,414
Resurfaced basketball court, installed new backboards and rims, installation of a new playground.			
McClellan Park	\$21,583	\$0	\$21,583
Installation of a new playground.			
Ophelia Bonner Park	\$19,925	\$0	\$19,925
Installation of a new playground.			
Polk Park	\$21,497	\$0	\$21,497
Installation of a new playground.			

Project	Project Cost	City Cost Share	Non-City Funds
Riverside West Park	\$28,671	\$0	\$28,671
Installation of a new playground.			
Rollingwood Park	\$32,974	\$0	\$32,974
Installation of a new playground and added horseshoe pits.			
Windiate Park	\$250,000	\$0	\$250,000
Resurfacing of basketball court, new backboards, rims, bleachers, and picnic tables.			
Longway Park Improvements	\$48,436	\$0	\$48,436
Developed in early 2016 through the Adopt-a-Park program, project included playground repairs, safety surfacing updates, and a new pavilion.			
Mott Park Improvements	\$62,158	\$0	\$62,158
Developed in early 2016 through the Adopt-a-Park program, project included removal of hazardous equipment, new play equipment, and CPTED improvements.			
Sarginson Park Improvements	\$79,907	\$0	\$79,907
Project included a new playground, basketball court improvements (backboards, rims, resurfacing), a new gate, and the installation of a pet waste station.			
Hasselbring Park Improvements	\$88,510	\$0	\$88,510
Improvements include a new playground, basketball court improvements, as well as other improvements identified in the public planning process.			
Brennan Park Improvements Phase 3 & 4	\$180,500	\$95,000	\$85,500
Phases 1 and 2 of the Brennan Park improvements were previously completed, with the new playground installed in October 2015 and a new pavilion and adult fitness equipment installed in the April of 2016. During this time, the basketball court received new backboards and rims, bleachers were purchased and installed, and a universal access path was installed.			
Sarvis Park Improvements	\$83,863	\$0	\$83,863
Improvements included a new playground and renovation of existing basketball court (resurfacing, new poles, backboards, and rims).			
Dewey Park Improvements	\$63,000	\$13,000	\$50,000
Improvements included resurfacing the basketball courts, resurfacing of the basketball court, forestry work, construction of a pavilion, and installation of solar-powered LED lights.			
Cook Basketball Court	\$50,000	\$0	\$50,000
Project included resurfacing the basketball court, installation of a new playground, and new picnic tables.			

Project	Project Cost	City Cost Share	Non-City Funds
Eldorado Vista Park – Walking Path	\$50,000	\$0	\$50,000
Completed a new paved walking path through the park (part of the Ballenger Highway Neighborhood Association's walking route), as well as the installation of a new playground.			
Flint Kids Play 2018	\$450,000	\$0	\$450,000
Project in partnership with the United Way, Make An Impact Foundation, Play Power, Community Foundation of Greater Flint, Keep Genesee County Beautiful, Fox 66, Miracle Midwest, among others, to build six new playgrounds in the City of Flint at the following parks: Farnumwood, Whaley, Eldorado Vista, Dewey, Cook, and Clara Hilborn.			
Flint Kids Play 2019	\$120,000	\$0	\$120,000
Completed installation of new playgrounds at Bassett Park and Windiate Park.			
Chevy Commons Greeting Project – Phase IV	\$3,200,000	\$0	\$3,200,000
Additional grant funding was secured in partnership with the US EPA, EGLE, Genesee County Land Bank, CS Mott Foundation, and Genesee County Parks to provide the final phase of capping at Chevy Commons. This final phase of the Chevy Commons project was completed in Spring of 2021.			
Chevy Commons Greeting Project – Phase III	\$3,500,000	\$0	\$3,500,000
EGLE Surface Water Quality Initiative were secured to provide the final phase of capping at Chevy Commons.			

Infrastructure and Community Facilities

City Hall

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
City Hall Dome Repairs	2 – IMPORTANT	\$150,000	-	-	Underway
Various maintenance and repairs to the City Hall Dome.					
City Hall 5th Street Parking Lot	3 – DESIRABLE	\$132,000	\$132,000	\$0	Underway
Rehabilitation of parking lot at City Hall.					
City Hall Elevator	1 – URGENT	\$400,000	\$400,000 Secured	\$0	Planned
Removal and installation of two new efficient elevators at City Hall.					
Study to determine options for Housing City Hall Staff	1 – URGENT	-	-	-	Proposed
Commission a comprehensive study of the Civic Center Complex to determine best option to right-size in the most cost-effective manner. City should enlist a committee to develop a comprehensive scope of services for a Request for Proposals that includes budget to adequately investigate the existing facilities and options and costs available to house City operations long-term.					
City Hall Dome Drains	1 – URGENT	\$1,640	-	-	Proposed
Repair roof drains at the City Hall Dome to fix leaks.					
Emerging Repairs	1 – URGENT	\$4,500,000	-	-	Proposed
Annual cost of \$225,000 for emergency repairs to various City facilities. Cost is for 6 years.					
Walkway between Police and City Hall	1 – URGENT	\$150,000	-	-	Proposed
Repair and seal walkway between Police station and City Hall.					
Window Replacement	3 – DESIRABLE	\$400,000	-	-	Proposed
Replacement of single pane, aluminum frame windows in City Hall. Energy Analysis Report identified payback of 15 years in energy savings.					
City Hall Façade	1 – URGENT	\$3,000,000	-	-	Proposed
Remove existing and replacement of façade of City Hall. Existing marble siding is falling apart and is a safety hazard. Gaps behind the marble allow water intrusions, exacerbating the problem.					

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Information Technology	2 – IMPORTANT	\$2,000,000	-	-	Proposed
Virtual Desktop Infrastructure (VDI) security camera upgrades, UPS upgrades.					
Ethernet Rewiring	2 – IMPORTANT	\$150,000	-	-	Proposed
The ethernet wiring in the walls is Cat5 and needs to be upgraded to Cat6 in order to make use of current technology as well as maximizing network speed.					
City Hall Heating/Cooling System	2 – IMPORTANT	\$3,300,000	-	-	Proposed
Total replacement and upgrades of controls and boilers chillers to the City Hall heating/cooling system.					
City Hall Ceilings	3 – DESIRABLE	\$150,000	-	-	Proposed
Replacement of ceiling tiles throughout City Hall. Improvements to multiple offices have been completed.					
Council Chambers Renovations	3 – DESIRABLE	\$350,000	-	-	Proposed
Renovations to Council Chambers to include windows, painting, and ceiling, and some of the IT purchases were made towards the end of 2019 but were never installed because of COVID					
South Building Ramp Updates	1 – URGENT	\$500,000	\$500,000-	-	Proposed
Repairs to existing South Building ramp from Seventh Street also known as Stevens Street to bring pedestrian bridge into compliance with ADA guidelines and increase general safety of bridge. \$500,000 from City of Flint ARPA.					

Other City Facilities

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Decorative Streetlight Repair & Replacement	2 – IMPORTANT	-	-	-	Proposed
Street Maintenance & Sanitation Department Facility	1 – URGENT	\$2,000,000	-	-	Proposed
Various City improvements needed at the facility that would be identified following a comprehensive audit of the facility					
Building, Safety Inspection Upgrades	1 – URGENT	\$200,000	-	-	Proposed
Complete remodel and renovation addressing HVAC, RTU, and counter space. Restricted permitting revenue funds are available.					
Water and Sewer Department Building Repairs	2 – IMPORTANT	\$230,000	-	-	Proposed
Replace windows, remodel lunchroom kitchen, replace overhead doors, repairs exterior of building (including siding).					
Brea Road Clean Up	1 – URGENT	\$25,000,000	-	-	Proposed
Lye from Water Plant is distributed at this area. Removal of dirt and refill of road.					

Water Department

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Dams					
Holloway Dam	1 – URGENT	\$5,100,000	\$4,590,000	\$510,000	Proposed
Drum Gate Rehabilitation. Looking for grant funding					
City-Wide Dam Inspection & Maintenance Plan	2 – IMPORTANT	-	-	-	Proposed
Develop a comprehensive plan to address the City’s six failing and/or obsolete dams along the Flint River.					
Utah Dam	1 – URGENT	\$5,000,000	-	-	Proposed
Removal of Utah Dam and placement of a separate pedestrian bridge.					
Kearsley Dam	3 – DESIRABLE	-	-	-	Proposed
Rework and widening of existing dam.					
Building and Related Facilities					
Water Plant Rehabilitation	1 – URGENT	\$60,000,000	\$0	\$60,000,000	Underway
Drinking Water Revolving Fund					
Pump Replacement	1 – URGENT	\$140,000	\$140,000	\$0	Underway
Pump Station #3 pump with variable frequency drive (VFD).					
SCADA Upgrades	1 – URGENT	\$836,400	\$836,400	\$0	Underway
Upgrades of Supervisory Control and Data Acquisition (SCADA) to allow system to operate more efficiently and with lower labor costs by using SCADA to operate and analyze the water system and its operation.					
Security Cameras	1 – URGENT	\$7,000	\$7,000	\$0	Underway
Install security cameras at water treatment plant. Two of five have been installed.					
Roof Replacements	1 – URGENT	\$500,000	\$500,000	\$0	Underway
At various pump stations throughout the system. West side reservoir and pump station complete. Cedar Street reservoir and pump station and Torrey Road booster station still needed.					
Bathroom/Locker Room Rehab	3 – DESIRABLE	\$250,000	-	-	Planned
Annual Capital Improvement Budget.					
Lift Station Lighting	2 – IMPORTANT	\$277,782	-	-	Planned
Annual Capital Improvement Budget.					

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Lighting Panel Replacements	3 – DESIRABLE	\$100,000	\$100,000	\$0	Planned
Funding will be allocated from the Departments CIP budget.					
Lighting Panel Replacements	3 – DESIRABLE	\$100,000	\$100,000	\$0	Planned
Funding will be allocated from the Departments CIP budget.					
Roof Replacements	3 – DESIRABLE	\$250,000	\$250,000	\$0	Planned
Funding will be allocated from the Departments CIP budget.					
Equipment – Forklift	3 – DESIRABLE	\$100,000	\$100,000	\$0	Planned
Funding will be allocated from the Departments CIP budget.					
Repave WPC Roadways	3 – DESIRABLE	\$200,000	\$200,000	\$0	Planned
Funding will be allocated from the Departments CIP budget.					
Thickener Building Rehabilitation	3 – DESIRABLE	\$1,500,000	\$1,500,000	\$0	Planned
Funding will be allocated from the Departments CIP budget.					
Third Avenue Force Main	3 – DESIRABLE	\$52,000,000	\$0	\$52,000,000	Planned
Phase 3 funding will be allocated via SRF.					
Vehicles – Replacement Pickup Trucks	3 – DESIRABLE	\$500,000	\$500,000	\$0	Planned
Funding will be allocated from the Departments CIP budget.					
Raw Water Reservoir	1 – URGENT	\$42,000,000	-	-	Proposed
Pump Replacement	1 – URGENT	\$270,000	\$270,000	\$0	Proposed
Replace Pumps 1 and 2 at Pump Station #34; new pumps with VFD. Pump #2 has been replaced;					
Biogas Blower Installation	3 – DESIRABLE	\$350,000	-	-	Proposed
Funding will either be allocated from the Departments CIP budget or will come from a possible grant.					
Conveyance Systems and Appurtenances					
Water Meters	2 – IMPORTANT	\$8,500,000	\$0	State Grant Funding	Underway
Annual replacement of water meters throughout the system, cost is for 6 years.					
Aeration System Construction	2 – IMPORTANT	\$19,909,831	-	\$19,909,831	Underway
SRF Phase 1, 70 percent complete SRF					

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Dewatering Improvements Construction	1 - URGENT	\$4,251,000	-	\$4,251,000	Underway
SRF Phase 1 - 99% complete					
NWPS Rehabilitation Construction	2 - IMPORTANT	\$3,155,092	-	\$3,155,092	Underway
99 percent complete SRF funding					
Primary Tanks & B-Grit Engineering	2 - IMPORTANT	\$1,362,000	-	\$1,362,000	Underway
SRF 6 percent complete					
Secondary Clarifier Engineering	2 - IMPORTANT	\$436,000	-	\$436,000	Underway
SRF 6 percent complete					
Third Avenue Engineering	2 - IMPORTANT	\$965,000	-	\$965,000	Underway
10% complete - SRF					
Primary Tanks & B-Grit Construction	2 - IMPORTANT	\$20,526,900	-	\$20,526,900	Underway
SRF					
Secondary Clarifier Construction	2 - IMPORTANT	\$6,842,000	-	\$6,842,000	Underway
SRF					
Third Avenue Improvements Construction	2 - IMPORTANT	\$8,347,500	-	\$8,347,500	Underway
SRF					
East Tank Cleaning	2 - IMPORTANT	\$570,000	-	-	Underway
Estimated to start December 2022					
Aeration System Engineering	3 - DESIRABLE	\$1,095,541	-	-	Planned
SRF Phase 1 Annual Capital Improvement Budget. Projected project completion 2023					
Valve Repairs	1 – URGENT	\$200,000	\$200,000	\$0	Proposed
Valve Excavation	1 – URGENT	\$2,000,000	\$2,000,000	\$0	Proposed
Gain access to over 600 paved over system valves to evaluate, maintain accessibility, and replace if necessary.					

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
24" Transmission Main Replacement	1 – URGENT	\$18,000,00	\$18,000,000	\$0	Proposed
3,800 feet of 24'-inch transmission main at various locations annually. Project is designed in five segments with one segment scheduled for completion each year.					
Water Line Loop	2 – IMPORTANT	\$100,000	\$100,000	\$0	Proposed
Install 24-inch loop at the WTP to increase distribution options.					
Raw Water Line	2 – IMPORTANT	\$636,500	\$636,500	\$0	Proposed
Provide raw water line to Pump Station 4.					
Water Main Replacement	2 – IMPORTANT	\$16,000,000	\$16,000,000	\$0	Proposed
Replace various sections of residential water mains with a goal of 3,800 feet per year.					
Yard Valves	1 – URGENT	\$1,000,000	\$1,000,000	\$0	Proposed
Replace yard valves, cost is for 6 years.					
Valve Exercising	2 – IMPORTANT	\$500,000	\$500,000	\$0	Proposed
Operate the approximately 8,000 system valves throughout the system on a 2- to 10-year basis.					
Water Main Replacement	1 – URGENT	\$500,000	-	-	Proposed
Flint River crossing between James P. Cole and Hamilton Avenue.					
72" Water Main	2 – IMPORTANT	-	-	-	Proposed
Redo 72-inch water main coming into the city from Cleveland.					
18" Water Line	2 – IMPORTANT	-	-	-	Proposed
18-inch water pipe by Hamlin needs replacing under Flint River.					
Levee Maintenance	3 – DESIRABLE	\$1,000,000	-	-	Proposed
Project Cost is for general maintenance of 2 levees.					
Asphalt Sealing & Repairs	3 - DESIRABLE	\$150,000	-	-	Proposed
Bar-Screens for Lift Stations 1 & 5	3 - DESIRABLE	\$1,200,000	-	-	Proposed
Biogas Blower	3 - DESIRABLE	\$750,000	-	-	Proposed
Possible Grant					

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Electrical Refurbishments – Remote Lift Station	3 - DESIRABLE	\$300,000	-	-	Proposed
Biogas Conditions Skid/Scrubber	3 - DESIRABLE	\$500,000	-	-	Proposed
Relocate Ferrous Chloride Feed System	3 - DESIRABLE	\$2,500,000	-	-	Proposed
Slip-Line - Primary & Skimming Lines (4)	3 - DESIRABLE	\$300,000	-	-	Proposed

Sewer Department

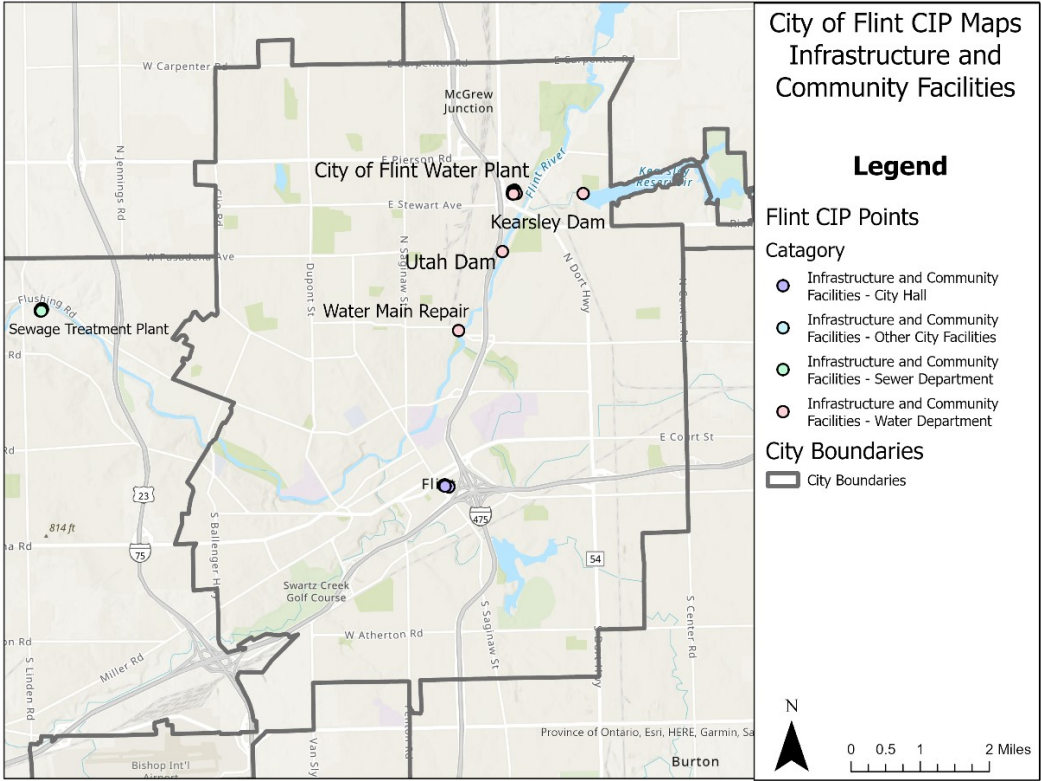
Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Green Infrastructure					
Primary Tank Rebuild	2 – IMPORTANT	\$21,889,000	\$0	\$5,472,375 for Phase 2	Underway
Rebuild primary tank Batter B-Grit Rehabilitation at WPC. Phase 2 CWSRF funded loan. First four tanks – on CIP FY 22 5.31% completed					
Coarse Bubble Diffusers	2 – IMPORTANT	\$18,200,000	-	\$3,640,000	Underway
Coarse bubble diffuser at WPC Aeration System Improvements. Phase 1 CWSRF funded loan. 68.6% complete.					
Air Diffuser Upgrades	2 – IMPORTANT	\$18,200,000	\$0	-	Underway
Included in the Aeration Rehabilitation project Same as coarse bubble diffusers. 68.6% complete					
Controls	2 – IMPORTANT	\$175,000	\$175,000	\$0	Underway
Blowers for Aeration system. Included in the Aeration Rehabilitation project. 68.6% complete					
Concrete Repairs & Coating	2 – IMPORTANT	-	\$0	-	Underway
Major concrete repairs at WPC. Included in multiple CWSRF project dependent on location. Phase 1 & 2 CWSRF loan funded. 5 different jobs in SRF – cost estimate 40% complete					
Headworks & Bar Screens	2 – IMPORTANT	\$20,526,900	\$0	\$20,526,900	Underway
Included in Primary Tanks and Battery B-Grit Improvements project. Phase 2 CWSRF funded loan. Projected completion 2023.					
Modulating Valve	2 – IMPORTANT	-	\$0	-	Underway
B grit Butterfly Valve. Included in Primary Tanks and Battery B-Grit Improvements project. Phase 1 CWSRF funded loan. Projected completion 2023.					
Air Compressors	2 – IMPORTANT	\$44,000	\$44,000 Operating Budget	\$0	Planned
Air compressor.					
Manhole Reclamation	2 – IMPORTANT	\$1,000,000	-	-	Proposed
Locate non-accessible manholes and assess for repair / rehabilitation in public areas such as cemeteries, creek/wooded areas, school properties and other municipal sites. Work involves excavation and entry / exit points for installation along with improving/creating access and ensuring preventative maintenance.					
Sand Barn	2 – IMPORTANT	\$75,000	\$75,000	-	Proposed
Protective building for sand and stone to prevent weather related loss and damage					

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Green Infrastructure	1 – URGENT	\$600,000	-	-	Proposed
Undertake a study to identify opportunities for the implementation of large-scale green infrastructure projects that will limit the volume of storm water entering the sewer system.					
Lighting Panel Upgrades	2 – IMPORTANT	\$87,400	\$87,400 Operating Budget	\$0	Proposed
Upgrade lighting panels at WPC. Potential Start 2023					
Vehicle Storage Addition	2 – IMPORTANT	\$250,000	\$250,000	\$0	Proposed
Addition to vehicle storage.					
Blower Header Insulation	2 – IMPORTANT	\$437,100	\$0	\$437,100	Proposed
Insulate blower header, Aeration Project information					
Pumping Stations and Storage Facilities					
Replacement Pumps	1 – URGENT	\$3,318,300	\$318,300 CIP Annual Funding	\$0	Underway
At northwest pump station. Included in the NWPS Rehabilitation CWSRF. 99% Complete					
Replacement Pump	1 – URGENT	\$8,3475,000	\$0	\$2,086,875	Underway
Third Avenue pump station improvements. Phase 2 CWSRF loan funded.					
Third Avenue Pump Station	1 – URGENT	-	-	-	Underway
Third Avenue pump station improvements CWSRF project. CWSRF Phase 2					
Electrical Upgrades	1 – URGENT	\$82,000	\$82,000	\$0	Proposed
Various lift stations.					
Rehabilitate Lift Station	1 – URGENT	\$250,000	\$250,000	\$0	Proposed
Rehabilitate lift station 6.					
Low Pressure Header	0 – EXTREMELY CRITICAL	\$300,000	\$300,000	\$0	Proposed
Conveyance Systems & Appurtenances					
Root Control	1 – URGENT	\$2,100,000	\$2,100,000 Operating Budget	\$0	Continual
Root control within existing pipes to remove roots which may block waste flow, costs is for 6 years					

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Pipe Lining	1 – URGENT	\$15,000,000	\$15,000,000 Operating Budget	\$0	Underway
Lining of existing pipes to reduce water infiltration, costs is for 6 years					
Manhole Rehab in Floodplains	1 – URGENT	\$1,500,000	\$1,500,000	\$0	Proposed
Replace perforated covers and rehabilitating of manholes located within floodplains to reduce water inflow/infiltration (I/).					
Major Valve Repairs	2 – IMPORTANT	\$750,000	\$750,000	\$0	Proposed
Repair major valves in system (6-years).					

Infrastructure and Community Facilities

Below are the project locations of the Infrastructure and Community Facilities category. Projects at the two water plants that feed the city, the Utah dam, and the Kearsley Dam, are denoted on this map. The remainder of the projects in this category are either City wide, have multiple locations, or are direct facility upgrades to existing City facilities at or near City Hall.



Infrastructure and Community Facilities Projects Completed Since 2017

City Hall

Project	Project Cost	City Cost Share	Non-City Funds
City Hall			
New Phone System	\$350,000	\$350,000	\$0
The City's phone system is antiquated and needs to be upgraded immediately. With today's technology this could be an on-premises, iCloud based, or hybrid solution.			
City Hall North Building Roof	\$99,384	\$99,384	\$0
Repairs to the roof on the City Hall North Building to fix areas that currently leak.			
Council Chambers Light Fixtures	\$24,000	\$24,000	\$0
Convert existing light fixtures to LED to save energy costs.			
South Building Roof	\$280,000	-	-
Repair of South Building roof.			

Water Department

Project	Project Cost	City Cost Share	Non-City Funds
Dams			
Thread Dam Improvements	\$655,600	\$655,600	\$0
Replaced dam.			
Hamilton Dam Removal	\$3,500,000	\$0	\$3,500,000
Removal of the Hamilton Dam.			
NWPS Diversion Engineering	\$174,853	\$0	\$174,853
DLZ Michigan, SRF Phase 1. Completed 2019.			
EPS Valve and Pump Installation	\$515,000	\$515,000	\$0
Completed 2020.			
Third Avenue Drive Shafts	\$41,250	\$41,250	\$0
Completed 2020.			
Third Avenue Switchgear Replacement (VFDs)	\$340,000	\$340,000	\$0
Completed 2020.			
Decant Tank Painting – Recycling Grant	\$49,442	\$0	\$49,442 Grant Funded
Completed 2021			
NWPS Diversion Construction	\$3,155,092	\$0	\$3,155,092 SRF
SRF Phase 1. Completed 2021.			

Rotomix System Pumps	\$74,300	\$74,300	\$0
Completed 2021			
UV Disinfection Construction	\$4,316,000	\$0	\$4,316,000 SRF
Completed 2021			
EPS Compactor	\$81,365	\$81,365	\$0
Completed 2022			
Lift Station Pumps	\$277,782	\$277,782	\$0
Completed 2022			
Building and Maintenance			
Electrical Upgrades	\$1,167,100	\$1,670,100	\$0
Electrical upgrades at various facilities.			
Fencing	\$109,300	\$109,300	\$0
Water Plant security fencing.			
Vehicles, Dump Trucks, Flatbed, Tractor, Etc.	\$13,631,400	\$13,631,400	\$0
Annual cost for 6 years.			
Sodium Hypochlorite Feed System	\$39,300	\$39,300	\$0
Temporary feed system for boosting residual disinfectant to support inactivation of pathogenic organisms.			
Sodium Hydroxide Feed System	\$165,000	\$165,000	\$0
Sodium Hydroxide Feed System Temporary feed system for increasing pH of water to support corrosion control and reduce lead from leaching into drinking water. Est Completion Date Nov 2021			
Value Rebuild	\$54,600	\$54,600	\$0
Elevated tank altitude valve.			
Phosphoric Acid Feed System	\$185,800	\$185,800	\$0
Phosphoric acid feed system for water treatment. Temporary feed system set up, long term system for KWA system needs to be established.			
Influent Structure Rehabilitation Engineering	\$210,000	\$210,000 CIP Annual funding	\$0
SRF Phase 1.			
Equipment – Track Loader Skit Steer	\$300,000	-	-
CIP			
Conveyance Systems and Appurtenances			
12th Street Bridge Water Line	-	-	-
Construction of a new water line at 12 th Street Bridge			
A-Grit Rehabilitation	\$242,000	\$242,000	\$0

Design Engineering			
SRF Phase 1 Funding was allocated from the Departments CIP budget.			
NWPS Improvements Engineering	\$114,941	\$114,941	\$0
SRF Phase 1 – Engineering CIP			
Dewatering Improvements Engineering	\$433,000	-	-
SRF Phase 1			
UV Disinfection Improvements Engineering	\$685,000	-	-
SRF Phase 1			
Influent & Battery A-Grit Construction	\$3,827,084	-	-
Completed SRF Funding			

Sewer Department

Project	Project cost	City Cost Share	Non-City Funds
Green Infrastructure			
Wastewater Plant Roof	\$71,982	\$71,982	\$0
Repair roof at WPC			
Disinfection Process Upgrades	\$5,001,000	\$0	\$5,001,000
Improvements to processes for treating wastewater. UV disinfection. Phase 1 CWSRF funded loan.			
Lighting Upgrades	\$212,200	\$212,200	\$0
Lighting upgrades at WPC.			
Samplers	\$35,000	\$35,000	\$0
Samplers at WPC.			
Meter Replacement	\$18,200,000	\$0	\$18,200,000
Final effluent meter. Included in the UV System Upgrades. Phase 1 CWSRF funded loan.			
HVAC Equipment	\$554,150	\$554,150	\$0
Final Tank Installation	\$542,088	\$542,088	\$0
Install final tank drives at WPC.			
Solids Disposal	\$1,536,659	\$1,536,659	\$0
Ultimate disposal of solids.			
Lab	\$1,000,000	\$1,000,000	\$0
Remodeling of lab, new equipment, sample lines, and ventilation.			
4160 Volt Switchgear	\$1,423,237	\$1,423,237	\$0

Project	Project cost	City Cost Share	Non-City Funds
4160-volt switchgear at Third Avenue.			
HVAC upgrades – In Progress	\$400,000	\$400,000	\$0
HVAC upgrades at WPS.			
Final Tank Retrofits	\$695,200	\$659,200	\$0
At first four tanks at WPS.			
Battery A Grit Chamber	\$3,827,084	\$0	-
Battery A chamber replacement. Included in the Battery A-Grit and Influent Rehabilitation project. Phase 1 CWSRF funded loan.			
Grit Piping	\$20,526,500	\$0	-
Included in the Primary Tank and Battery B-Grit Project. Phase 2 CWSRF loan funded. Included in part of the B-Grit Project for project cost.			
Meter Replacement	\$18,200,000	\$0	SRF Grants Secured
Battery A influent meter. Included in the Battery A-Grit and Influent Rehabilitation project SRF Project.			
Pumping Stations and Storage Facilities			
Switchgear at EPS	\$387,800	\$387,800	\$0
Stations			
Replace Pumps	\$825,033	\$825,033	\$0
East pump station			
Electrical Switchgear	\$1,423,237	\$1,423,237	\$0
Third Avenue pump station.			

Economic Development and Education

Placemaking

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Oak Business Center Lighting Improvements	2 – IMPORTANT	\$8,000	\$8,000	\$0	Underway
Install perimeter LED lights. This project is partially complete – lights have been installed on the east and south side of the building. Lights still needed on the building's north side.					
Innovation District Comprehensive Plan	2 – IMPORTANT	\$150,000	-	-	Planned
The Innovation district stretches from the McLaren Regional Medical center in the west, to Mott Community College in the east, and contains Flint's Downtown, Kettering University, and other civic and cultural assets.					
Wayfinding Signage – Innovation District	3 – DESIRABLE	-	-	-	Planned
Expand wayfinding program to roadways within the Innovation District, consistent with the design of the Downtown wayfinding program. In process of identifying areas for wayfinding signs and what the process for Zoning Permits would be.					
Oak Business Center Roof Improvements	1 – URGENT	\$1,050,000	\$1,050,000	\$0	Proposed
Total roof replacement – roof failing. \$875,000 from City of Flint ARPA. This work is scheduled to begin in fall of 2023.					
Oak Business Center Parking Lot Improvements	2 – IMPORTANT	\$175,000	\$175,000	\$0	Proposed
Repaving of parking lot and installation of proper drainage. Assessment and true estimate need to be performed.					
Oak Business Center Improvements	2 – IMPORTANT	\$421,000	\$421,000	\$0	Proposed
<p>Repair and replace overhead doors in specific industrial units costing \$30,000. It is estimated five overhead commercial doors and operators needed.</p> <p>Oak Business Center Camera and door access improvements with access card system to enter the buildings costing \$45,000.</p> <p>Fire suppression system and fire alarm replacement costing \$346,000. The building needs the fire suppression system replaced and upgraded fire alarms. Specs have been completed for the suppression system. Funds need to be identified and project bid out.</p>					

Commercial Area Enhancement

The following project identifies 432 blighted commercial structures that have been identified as a priority for demolition. The Genesee County Land Bank has allocated \$16 million towards demolition throughout the City of the blighted structures.

Project	Priority	Project Cost	City Cost Share	Non-City Funds	Status
Commercial Structure Demolitions	2 – IMPORTANT	\$21,600,000	-	-	Underway
Working from the Blight Elimination Framework, 432 blighted commercial structures have been identified as priority demolitions to enhance economic development within City commercial/retail nodes. \$16 million allocated to Genesee County Land bank towards demolition throughout the City.					

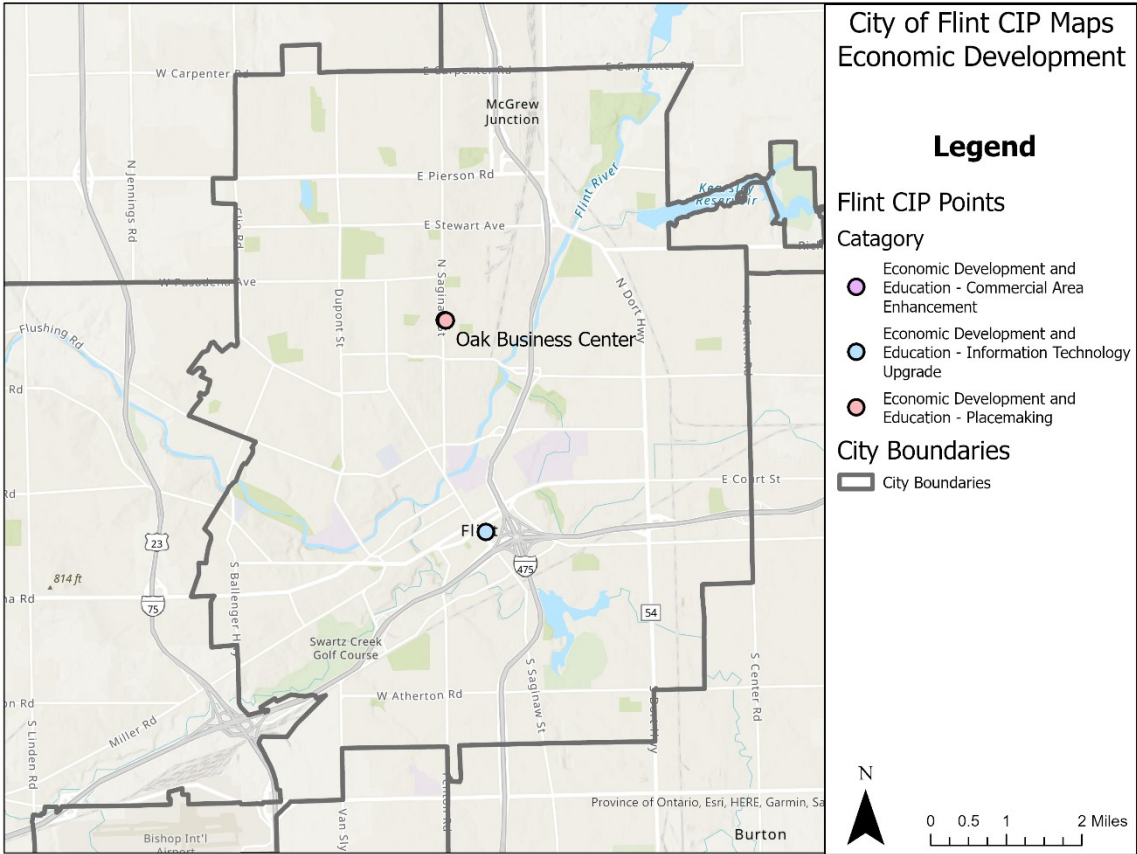
Information Technology Upgrade

The City’s Information Technology Services is responsible for planning and upgrading the information technology systems that allow the city to remain responsive and efficient when providing services to residents.

Project	Priority	Project cost	City Cost Share	Non-City Funds	Status
Consolidation & Construction of City Owned Fiber Optic Network	3 – DESIRABLE	\$240,000	\$240,000	\$0	Proposed
The construction and upgrade of fiber optic communication lines that connect City offices in a Metropolitan Area Network (MAN) can strategically be done with collaboration and consolidation partners such as the GISD and local universities can connect networks. The benefits are lower operating costs and more control and flexibility. Investment lasts 12 years.					
Mesh Wireless Internet Accessibility for Residents	3 – DESIRABLE	\$900,000	-	-	Proposed
A community run wireless network could be created with Mesh technology. Currently this technology is being piloted in Detroit and can be applied to Flint.					

Economic Development and Education, Project Locations

This map shows the project locations of the Economic Development and Education categories. Several improvements to the Oak Business Center are shown. The remainder of these projects are City wide projects or direct improvements to City Hall facilities, shown at City Hall.



Economic Development and Education Completed Projects Since 2017

Commercial Area Enhancement

Project	Project Cost	City Cost Share	Non-City Funds
Commercial Façade Improvements Program	\$96,000	\$74,000	\$22,000
NPI Area.			

Public Health, Safety, and Welfare

Police Department

Project Name	Priority	Total Cost	City Cost Share	Non-City Funds	Status
Police Station Bridge to 5th Street	1 – URGENT	\$30,000	\$30,000	\$0	Underway
Improvements to the public access from 5th Street. Includes improvements for emergency exit from facility by employees and replacement of railing.					
Flint City Lock Renovation	1 – URGENT	\$8,000,000	\$8,000,000	\$0	Proposed
Replace doors in temporary lock-up facility located on the third floor of the Police Station.					
Police Station Electrical Upgrades	1 – URGENT	\$200,000	\$200,000	\$0	Proposed
Improvements to the electrical system at the Police Station.					
Police Station – General Improvements	3 – DESIRABLE	\$350,000	\$350,000	\$0	Proposed
New paint on exterior of building and replacement of kickplate trim throughout entire building. Replacement of windows and fix the flooding issues on east end of building. Improvements include new carpet, painting of stairwells and walls, new furniture and interior LED lighting upgrades. The City is currently updating interior LED lighting.					
Police Station – Patrol Operations Upgrades	2 – IMPORTANT	\$68,900	\$68,900	\$0	Proposed
Upgrades include removing old wiring, flooring, ceiling tiles and replacing with new wiring, new paint, and new carpet.					
Detective Bureau Upgrades	2 – IMPORTANT	\$30,000	\$30,000	\$0	Proposed
Improvements to the Detective Bureau are needed.					
Police Station Remodeling	2 – IMPORTANT	\$250,000	\$250,000	\$0	Proposed
Remodeling of interior spaces.					
Police Station – Juvenile Offices	2 – IMPORTANT	\$30,000	\$30,000	\$0	Proposed
Repairs and upgrades to the offices including flooring bathrooms and holding cells.					
Police Station Lighting	2 – IMPORTANT	\$100,000	\$100,000	\$0	Proposed
Installation of new, motion sensor lighting					

Project Name	Priority	Total Cost	City Cost Share	Non-City Funds	Status
Police Station – Front Desk	2 – IMPORTANT	\$20,000	\$20,000	\$0	Proposed
Workspace overhaul and remodel.					
Police Station – Traffic Bureau	2 – IMPORTANT	\$8,500	\$8,500	\$0	Proposed
Replace carpet and new paint.					
Police Station – Crime Stoppers Office	2 – IMPORTANT	\$5,000	\$5,000	\$0	Proposed
Replace carpet that was flooded and now smells moldy.					
Far East Parking Lot Upgrades	2 – IMPORTANT	\$50,000	\$50,000	\$0	Proposed
Upgrades needed at FPD far east parking lot due to theft and vandalism. Upgrades include LED lighting, cameras, fencing entire lot, and installation of an entry gate.					
Police Shooting Range	2 – IMPORTANT	\$250,000	\$250,000	\$0	Proposed
Upgrade current range to OSHA and MIOSHA standard.					
Police Station – Property Room	1 – URGENT	\$209,450	\$209,450	\$0	Proposed
Fencing and shelving for property. Move blood drying cabinets to MPO and construct venting system, create electrical supply for blood drying cabinets, connect water supply to blood drying cabinets. Electronic door entry readers, dehumidifiers, air purifiers, labor to move drying cabinets, sprinkler fire suppression system, security cameras, and paint.					
Police Department Intel Center	1 – URGENT	\$5,000	\$5,000	\$0	Proposed
Substantial upgrades to wiring of the Intel Center to include fiber optic lines and upgrades to internet and phone ports within the room.					
Police Department Parking Lot	2 – IMPORTANT	\$45,000	\$45,000	\$0	Proposed
Upgrades include cameras, fencing entire lot, and installation of entry gates.					
12th Street Improved Lot	2 – IMPORTANT	\$500,000	\$500,000	\$0	Proposed
Improvements to the entire area to include leveling and resurfacing, replacement of fencing, building an indoor storage and processing center that includes office space, electric, HVAC and internet, installation of LED lighting and security cameras.					
Police Station Elevators	2 – IMPORTANT	-	-	-	Proposed
Upgrades to existing elevators.					

Fire Department

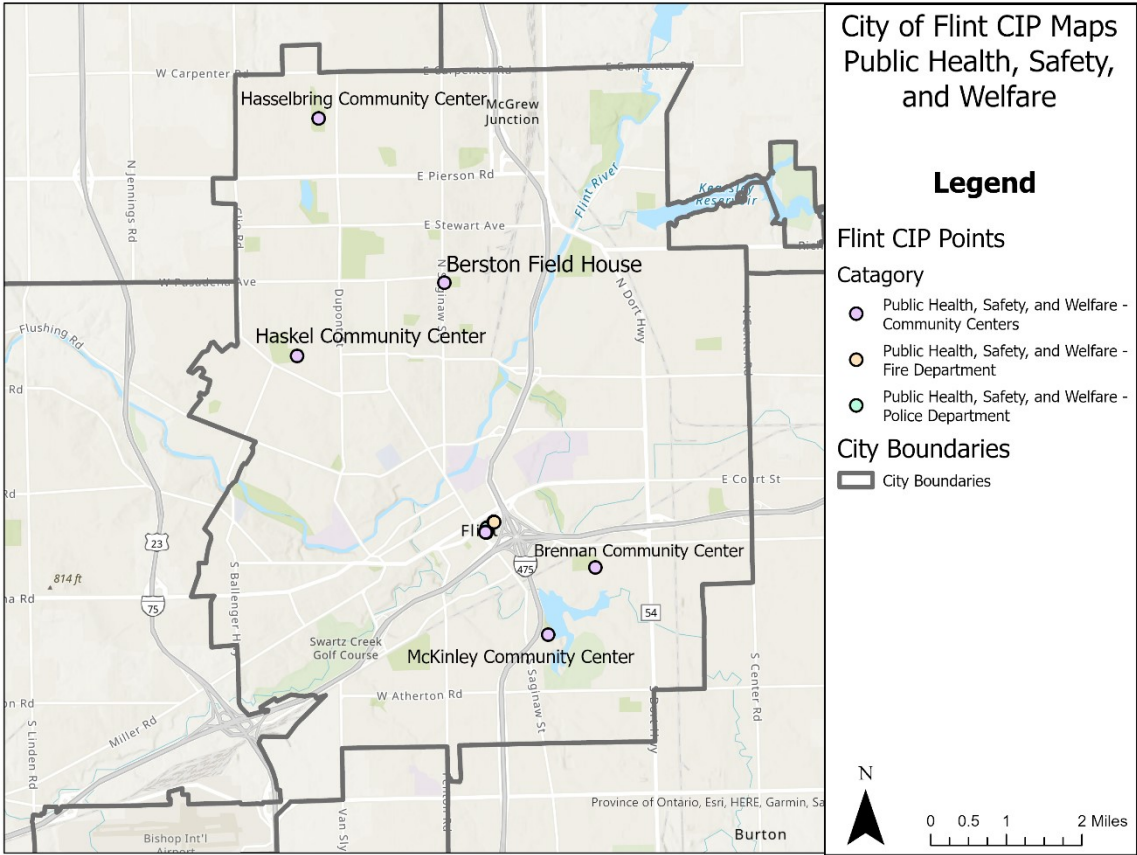
Project Name	Priority	Total Cost	City Cost Share	Non-City Funds	Status
Fire Station Kitchens	2 – IMPORTANT	\$250,000	\$250,000	\$0	Proposed
Kitchen remodel to all Fire Stations. Refrigerators are needed and outside ramp repairs are warranted. \$100,000 each kitchen.					
Fire Station 5 Miscellaneous Items	2 – IMPORTANT	\$90,000	\$90,000	\$0	Proposed
Updates and maintenance to miscellaneous items at Fire Station 5, including security upgrades, bay door, refrigerators, etc. Nederman unit needs repair. Large sink hole on rear garage entrance and upgraded lighting, plumbing, and outside ramp repairs are needed. Need exhaust system for trucks.					
Fire Station 8 Miscellaneous	2 – IMPORTANT	\$95,000	\$95,000	\$0	Proposed
Updates and maintenance to miscellaneous items at Fire Station 8, including tiles, plumbing, Nederman unit, HVAC unit, etc. Large sink hole on rear garage entrance. Bay floor needs repairing. Refrigerators are needed.					
Fire Station 6 Miscellaneous Items	2 – IMPORTANT	\$96,500	\$96,500	\$0	Proposed
Updates and maintenance to miscellaneous items at Fire Station 6, including minor roof repairs, HVAC unit, tiles, lighting, painting, etc. Ceiling tiles need to be replaced, kitchen requires a remodel, refrigerators need to be replaced. Nederman unit is inoperable.					
Fire Station 1 Miscellaneous Items	2 – IMPORTANT	\$145,000	\$145,000	\$0	Proposed
Updates and maintenance to miscellaneous items at Fire Station 1, carpeting, ceiling tiles, painting, etc. Nederman unit is inoperable.					
Fire Station 3 Miscellaneous Items	2 – IMPORTANT	\$150,000	\$150,000	\$0	Proposed
Updates and maintenance to items at Fire Station 3, including a new AC unit, roof repairs, parking lot gate, bay door, etc. Nederman unit is inoperable, ceiling tiles are needed. Kitchen counter and cabinets are in disrepair. Station lighting is needed.					
Fire Station 1 HVAC	2 – IMPORTANT	\$845,000	\$845,000	\$0	Proposed
The above cost is the approximate cost to remove Fire Station 1 from the rest of the City Municipal Building HVAC system and to establish their own HVAC system within the Fire Station.					

Community Centers

Project Name	Priority	Total Cost	City Cost Share	Non-City Funds	Status
Hasselbring Community Center	2 – IMPORTANT	\$125,000	\$0	\$125,000 ARPA Funding Secured	Underway
General upgrades to electrical, painting, and general maintenance of the building.					
Brennan Community Center	2 – IMPORTANT	\$60,000	\$0	\$60,000 ARPA Funding Secured	Underway
General upgrades to electrical, painting, and general maintenance of the building.					
Facility Needs Assessment	1 – URGENT	\$750,000	\$750,000	\$0	Proposed
Undertake a study to identify improvements needed at the various community centers (Berston, Brennan, Haskell, Hasselbring, and McKinley) and identify long-term goals for providing services at each center. \$350,000 for Brennan and \$450,000 for Hasselbring.					
LED Lighting Conversion	3 – DESIRABLE	\$210,000	\$210,000	\$0	Proposed
Convert existing lights at City-owned community centers (including Berston, Haskell, Pierce, McKinley, Mott Park, Brennan, and Hasselbring) to high-efficiency LED fixtures to reduce long-term utility costs.					
McKinley Community Center Fire Restoration	1 – URGENT	\$215,000	\$215,000	\$0	Proposed
In 2016, an accidental fire destroyed the observation deck attached the McKinley Community Center that overlooked Thread Lake. The exterior and interior of the community center were severally damaged leaving the building inoperable. Remodels are on-going.					
Berston Field House Energy Efficiency	2 – IMPORTANT	\$375,000	\$375,000	\$0	Proposed
Implement the Berston Field House energy efficiency plan created by Consumers Energy completed on December 5, 2016. Plan identifies \$375,755 worth of upgrades that will provide for \$11,838 in energy savings a year. Grant funding has been secured.					
Haskell Community Center Energy Efficiency	2 – IMPORTANT	\$375,000	\$375,000	\$0	Proposed
Implement the Haskell Community Center energy efficiency plan created by Consumers Energy completed on December 5, 2016. Plan identifies \$10,570 worth of upgrades that will provide for \$2,903 in energy savings a year. PAL program.					

Public Health, Safety, and Welfare, Project Locations

Below are the project locations for the Public Health, Safety, and Welfare category, projects. Hasselbring, Haskel, Brennan, and McKinley community centers all have proposed projects, as well as Berston Field House. The remainder of the projects in this category are either City wide, have multiple locations, or are direct facilities upgrades to existing City facilities at or near City Hall. All of these projects are denoted at City Hall.



Public Health Safety and Welfare Projects Completed Since 2017

Police Department

Project	Project Cost	City Cost Share	Non-City Funds
Police Station Roof Repairs	\$73,000	\$73,000	\$0
Repairs to the roof to prevent and correct leaks. 2022 completed			
City Hall Security Upgrades	\$150,000	\$150,000	\$0
Upgrades to the City Hall security cameras.			
Fire Station 5 2-Side Roof	\$15,000	\$15,000	\$0
Repairs to the roof at Fire Station 5.			

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